April 2, 2024

Attn: Cody Eskew

Visiting Senior Scientific Specialist

Illinois Sustainable Technology Center

Dear Mr. Eskew,

This letter provides information to support the Federal Consistency determination for the proposed in-lake dredging program set forth by the Chicago Park District. AECOM Technical Services, Inc. is an authorized agent on behalf of Scott Stevenson [redacted]) at Westrec Marinas. Westrec manages the harbor operations at Jackson Harbor for the Chicago Park District. The project proposes to relocate dredged lakebed sand from the Jackson Harbor Outer Harbor to a site approximately 1.5 miles east-southeast of the harbor mouth.

Dredging activities are planned to begin May 27, 2024 and continue on a regular basis as long as the in-lake disposal dredging permit is active. The proposed activity complies with Illinois' approved coastal management program and will be conducted in a manner consistent with such policies. Supporting materials including the Joint Permit Application report letter, proposed harbor dredging limits, and sand relocation area figures have been included alongside this letter.

Regards,

Samuel Shaffer

Project Engineer

[redacted]

AECOM

303 E Wacker Dr. Suite 1400

Chicago, IL 60601

312-373-7834

Submitted by:
AECOM
Chicago, IL
Project No. 60676831
March 14, 2023

Permit Application Report:

IDNR Part 3700 Waterway Construction Permit, Clean Water Act Section 404 Permit, Section 10 of the Rivers and Harbors Act, Section 39 of the IEPA Act, and CWA Section 401 Water Quality Certification

Jackson Harbor Maintenance Dredging: Permit Application Modification
Chicago Park District

AECOM Project No. 60676831

Prepared by:
Samuel Shaffer, Project Engineer
William J. Weaver, P.E., D.WRE
Sr. Principal Engineer, Vice President
847.323.2171

AECOM
303 E Wacker Drive
Chicago, IL 60601
www.aecom.com
847.323.2171 tel

March 14, 2023

Mr. Darren Gove
Illinois Environmental Protection Agency
Division of Water
1021 North Grand Avenue East
Springfield, IL 62794

Mr. Soren Hall
Department of the Army, Corps of Engineers
Chicago District
231 S. LaSalle Street, Suite 1500
Chicago, IL 60604

Mr. James Kessen
Illinois Department of Natural Resources
Office of Water Resources
Lake Michigan Management Section
Michael A. Bilandic Bldg.
160 N. LaSalle Street, Suite # S-700
Chicago, IL 60601

RE: Jackson Harbor 10 Year Maintenance Dredging Permit – Modification Request
Chicago Park District
AECOM Project No. 60676831

Gentlemen:

This revised application addresses IEPA review comments from the prior submittal dated March 14, 2022. Attached is a revised permit application that incorporates comments from IDNR and IEPA. The proposed in-lake sand placement location has been revised as requested by IDNR, and the dispersion model has been adjusted accordingly. A socioeconomic analysis has been completed per IEPA request. Finally, the socio-economic analysis that you requested has been completed and is attached. This application and report provides detailed information in support of a regulatory a application modification for a dredging permit at Jackson Harbor located at 6400 S. Coast Guard Drive in Chicago.

This report is supplemental to the joint application form that is attached as a cover to this package. Please note that the IEPA review fee of $1,000 was paid in the prior submittal and should still be on file with your office.

The Chicago Park District has been maintaining the harbor under a 10-year dredging permit. Following is a summary of the existing permits:

- U.S. Corps of Engineers – LRC 2013-726, dated February 17, 2017
- Illinois Department of Natural Resources – LM 2017.003, dated March 3, 2017
- IEPA Section 39 Permit Final Determination – LM59029, dated September 24, 2014

The Chicago Park District proposes to alter the dredged sand placement to in-lake placement at a designated location. The dredging limits under the original permit are proposed to be reduced for sand that will now be placed in the lake. Sand dredged from the limits that are beyond those proposed in this permit modification, but within the limits of the original permits listed above, will continue to have sand placement limited to the upland locations as stipulated in the original permits.

This permit application modification package proposes to obtain approval for sand relocation for a site located in the attached application report, and from the dredging limits as shown in this application. The dredging limits for sand to be relocated to the proposed lake placement site are reduced from the dredging limits shown in the original permits. These limits were reduced based on prior discussions with IEPA such that the limits are closely correlated to the location of the lakebed sand sample sites. The attached report provides the location of the sand relocation site, and the sand sample sites.

AECOM
303 E Wacker Drive
Chicago, IL 60601
www.aecom.com

847.323.2171 tel

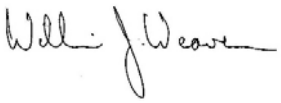
During our recent discussions with the permit agencies, we have been told that this proposed modification may be considered if a dispersion analysis is performed to show that sand placement at the proposed lake site will not result in exceedances of applicable Lake Michigan water quality standards. These permit modifications are submitted to provide results of the dispersion analysis for the proposed in-lake sand placement site. The analysis shows that the requisite Lake Michigan water quality standards will not be exceeded considering both the sand characteristics and the sand placement amounts and frequency.

This application package includes a Joint Application under Section 404 of the Clean Water Act, a Section 401 Water Quality Certification, and an Illinois Waterway Construction Permit.

If you have any questions regarding this application, please contact the undersigned at (847) 323-2171.

Sincerely,

William J. Weaver, PE, D.WRE



Senior Principal Engineer – Vice President

Attachments:

- Joint Permit Application Form
- Permit Application Report

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JOINT APPLICATION FORM FOR ILLINOIS

ITEMS 1 AND 2 FOR AGENCY USE

1. Application Number	2. Date Received

3. and 4. (SEE SPECIAL INSTRUCTIONS) NAME, MAILING ADDRESS AND TELEPHONE NUMBERS

3a. Applicant's Name:	3b. Co-Applicant/Property Owner Name (if needed or if different from applicant):	4. Authorized Agent (an agent is not required):
Scott Stevenson	Heather Gleason	Bill Weaver
Company Name (if any) : Westrec Marinas	Company Name (if any): Chicago Park District	Company Name (if any): AECOM
Address: 1521 S. Linn White Drive Chicago, IL 60605	Address: 541 N. Fairbanks Court 3rd Floor Chicago, IL 60611	Address: 303 E. Wacker Dr. Suite 1400 Chicago, IL 60601
Email Address: sstevenson@chicagoharbors.com	Email Address: heather.gleason@chicagoparkdistrict.com	Email Address: Bill.Weaver@aecom.com
Applicant's Phone Nos. w/area code Business: 312-446-6055 Residence: Cell: Fax:	Applicant's Phone Nos. w/area code Business: 312-742-4685 Residence: Cell: Fax:	Agent's Phone Nos. w/area code Business: 847-323-2171 Residence: Cell: Fax:

STATEMENT OF AUTHORIZATION

I hereby authorize, Bill Weaver to act in my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this permit application.

Applicant's Signature _____ Date 3/15/2023

5. ADJOINING PROPERTY OWNERS (Upstream and Downstream of the water body and within Visual Reach of Project)

Name	Mailing Address	Phone No. w/area code
a. Chicago Park Dist.	All adjacent properties are owned by CPD	
b.		
c.		
d.		

6. PROJECT TITLE:
Jackson Harbor Maintenance Dredging: Permit Application Modification

7. PROJECT LOCATION:
Jackson Park Harbor, Chicago, IL

LATITUDE: 41.77953 °N LONGITUDE: -87.57298 °W	UTMs Northing: 4625457 Easting: 452383

STREET, ROAD, OR OTHER DESCRIPTIVE LOCATION	LEGAL DESCRIPT	QUARTER	SECTION	TOWNSHIP NO.	RANGE
6400 S. Lake Shore Drive		NE	24	38N	14E

☒ IN OR ☐ NEAR CITY OF TOWN (check appropriate box)
Municipality Name: Chicago, IL

COUNTY	STATE	ZIP CODE	WATERWAY	RIVER MILE (if applicable)
Cook	IL	60613	Lake Michigan	

Revised 2010

☐ Corps of Engineers ☐ IL Dep't of Natural Resources ☐ IL Environmental Protection Agency ☐ Applicant's Copy

8. PROJECT DESCRIPTION (Include all features):

This project proposes to relocate sand to a site identified in the attached application report, and from the dredging limits as shown in this application.

9. PURPOSE AND NEED OF PROJECT:

Sand sediment that is transported by Lake Michigan in the near shore currents in the vicinity of Jackson Harbor needs to be relocated. This allows for boat access into the harbor.

COMPLETE THE FOLLOWING FOUR BLOCKS IF DREDGED AND/OR FILL MATERIAL IS TO BE DISCHARGED

10. REASON(S) FOR DISCHARGE:

Sand dredged from the Outer Harbor limits as defined in this application would be relocated to the proposed in lake placement site as defined in this application.

11. TYPE(S) OF MATERIAL BEING DISCHARGED AND THE AMOUNT OF EACH TYPE IN CUBIC YARDS FOR WATERWAYS:

TYPE: Sand/Silty Sand

AMOUNT IN CUBIC YARDS:

20,000 cyd or less each year

12. SURFACE AREA IN ACRES OF WETLANDS OR OTHER WATERS FILLED (See Instructions)

The sand will be dropped from bottom dump barge to the lakebed in deep water as nourishment.

13. DESCRIPTION OF AVOIDANCE, MINIMIZATION AND COMPENSATION (See instructions)

14. Date activity is proposed to commence: Spring 2023 — Date activity is expected to be completed:

15. Is any portion of the activity for which authorization is sought now complete? Yes [ ] No [X]
Month and Year the activity was completed

NOTE: If answer is "YES" give reasons in the Project Description and Remarks section.
Indicate the existing work on drawings.

16. List all approvals or certification and denials received from other Federal, interstate, state, or local agencies for structures, construction, discharges or other activities described in this application.

Issuing Agency	Type of Approval	Identification No.	Date of Application	Date of Approval	Date of Denial

17. CONSENT TO ENTER PROPERTY LISTED IN PART 7 ABOVE IS HEREBY GRANTED. Yes [X] No

18. APPLICATION VERIFICATION (SEE SPECIAL INSTRUCTIONS)

Application is hereby made for the activities described herein. I certify that I am familiar with the information contained in the application, and that to the best of my knowledge and belief, such information is true, complete, and accurate. I further certify that I possess the authority to undertake the proposed activities.

Heather Gleason (Mar 15, 2023 10:27 CDT) — Signature of Applicant or Authorized Agent — Date: 03/15/23

Signature of Applicant or Authorized Agent — Date: 3/15/2023

Signature of Applicant or Authorized Agent — Date

[ ] Corps of Engineers Revised 2010 [ ] IL Dep't of Natural Resources [ ] IL Environmental Protection Agency [ ] Applicant's Copy

SEE INSTRUCTIONS FOR ADDRESS

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2.0 Project Setting and Proposed Permit Modification.....1
3.0 Dispersion Modeling for Offshore Sand Placement…….3
4.0 Harbor Lake Bottom Sediment Analysis ....…….3
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Figure 2-1 Project Setting
Figure 2-2 Proposed Harbor Dredging Limits
Figure 2-3 Proposed Sand Relocation Area

Appendices

Joint Permit Application Form
Appendix A - Proposed Project Plan
Appendix B – Vibracore Boring Program Summary

- Boring Location Map
- Vibracore Boring Logs and Grain Size Curves
- Physical Characterization Laboratory Test Results
- Vibracore Photographs

Appendix C – Sediment Analytical Chemical Analysis
Appendix D – Socioeconomic Analysis
Appendix E – Existing Permits
Appendix F – Dispersion Modeling for Offshore Sand Placement

1.0 Project Introduction and Background

Jackson Harbor has been operating under a 10 – year dredging permit for navigation maintenance. The current permit approval allows for placement of excavated sand from both the inner and outer harbors at an upland site that meets upland placement requirements. The Chicago Park District is now applying for a modification of the original permit. Sand dredged from the outer harbor will continue to be limited to upland placement as stipulated in the original permit. Sand dredged from the Outer Harbor limits as defined in this application would be relocated to the proposed in-lake placement site as defined in this application. Figure 1-1 provides a project location map.

Figure 1-1 Project Location Map

2.0 Project Setting and Proposed Permit Modification

Sand sediment that is transported by Lake Michigan in the near shore currents in the vicinity of Jackson Harbor is comprised primarily of sand and silty sand. Figure 2-1 is an aerial photograph with existing bathymetry for this site.

Figure 2-1: Project Setting

Jackson Harbor is situated just south of the 63rd Street pier. Littoral currents from the north and south carry sand into the harbor mouth. This material tends to settle into the area on the south side of the 63rd Street Beach pier at the harbor mouth. This sand is limiting harbor access.

This application seeks issuance of a revised dredging permit. All aspects of the current permit, which remains in force into the year 2017, will remain unchanged with one exception. Sand that is dredged from within the dredging limits shown on Figure 2-2 would now be placed at the site located as shown on Figure 2-3. This figure includes map coordinates that designate the limits. Dredging beyond these limits but within the limits under the existing permit will continue to require upland placement in accordance with current permit requirements. The dredging to be completed under this permit modification will include mechanical dredging with a bottom dump barge. The proposed dredging depth will remain as provided in the current permits.

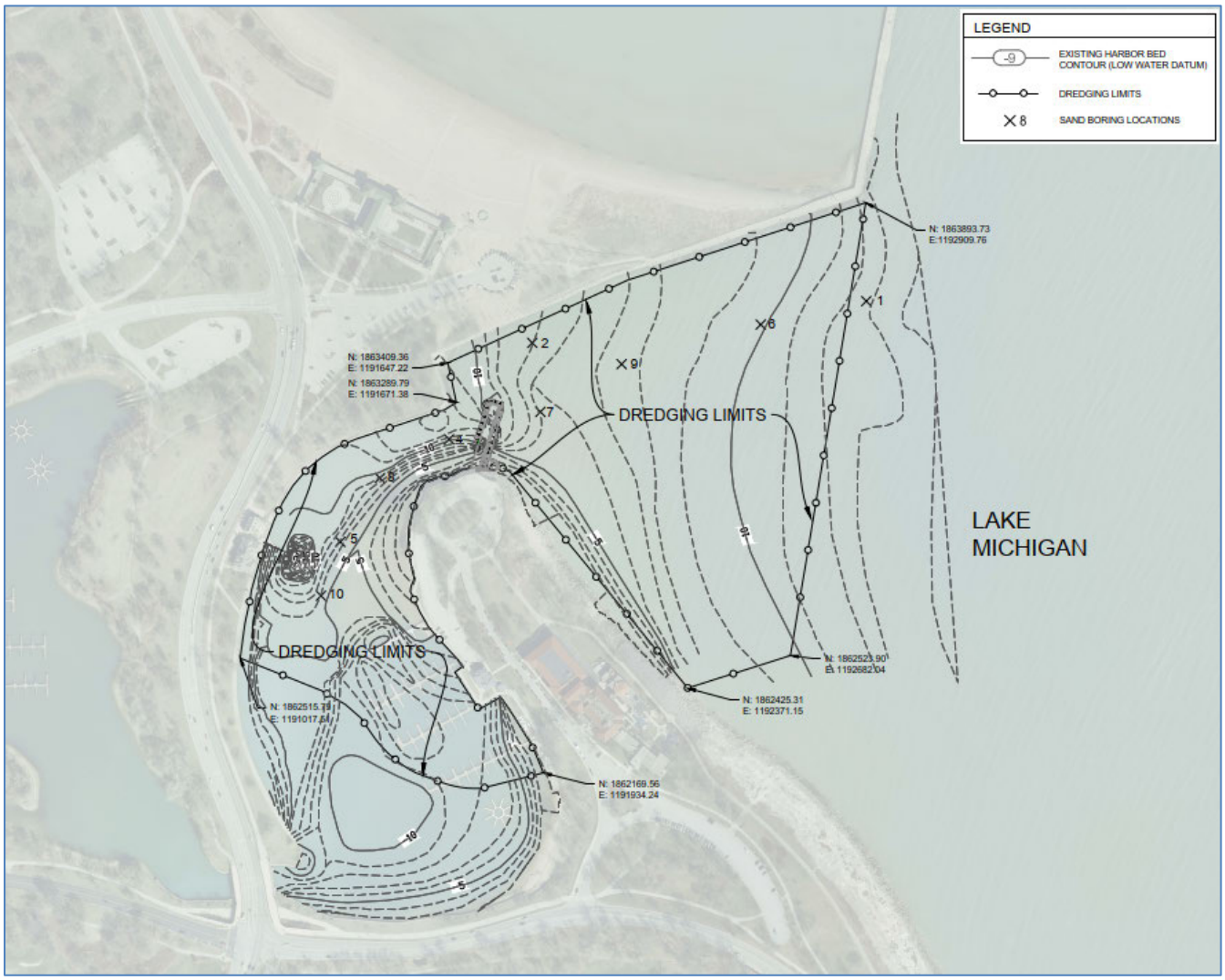


Figure 2-2 Proposed Harbor Dredging Limits

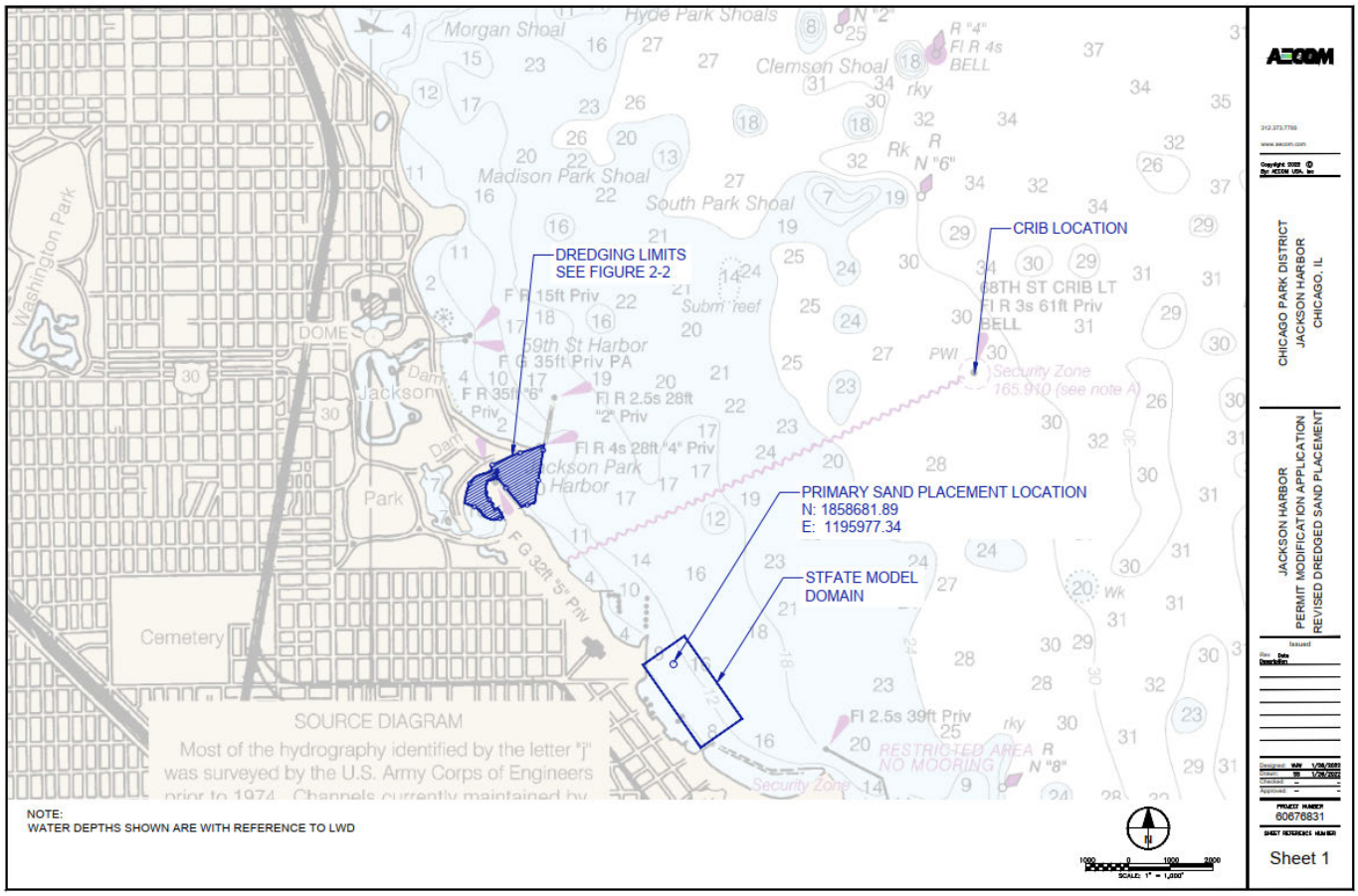


Figure 2-3 Proposed Sand Relocation Area (Sand Placement in 9.9 feet of water)

3.0 Dispersion Modeling for Offshore Sand Placement and Water Quality Compliance Tier II Evaluation

See Appendix F for the Dispersion Modeling for Offshore Sand Placement and Water Quality Compliance Tier II Evaluation report.

4.0 Harbor Lake Bottom Sediment Analysis

This section summarizes sediment analysis information that was provided in the existing 2017 dredging permit application. Three sediment samples and one background water quality sample from Lake Michigan were collected and submitted under chain of custody control to Grace Analytical Lab, Inc. in Berkeley, Illinois. The samples were analyzed for chemical analysis as detailed below.

4.1 Supernatant Chemical Analysis

Three sediment samples and the lake water were used to prepare supernatant samples by standard method 2540f for analysis of the following:

Parameters Method

- Metals 6010B/7470
- Pesticides 8081
- SVOCs 8270C
- Ammonia Nitrogen 350.2/4500B, C
- Total Dissolved Solids 160.1
- Total Suspended Solids 160 2
- Total Volatile Solids 160.4
- Hardness 2340B
- Total Phosphorous 365.2

Each of the three supernatant samples was run on a 4 hour, 24 hour and 48 hour basis. Analysis results are provided on the eleven tables provided in Appendix C. The Supernatant Analysis is summarized in Appendix C Table nos. 1 through 3 relative to the effluent standards from 35 IAC 304. These effluent standards would not be applicable to this project since mechanical dredging will be used and disposal of sediment will be in an appropriately permitted upland site. However, these standards are provided to illustrate the general characterization of the sediment.

The Supernatant Analysis did not identify any metals, pesticides or SVOCs above the effluent standards from 35 IAC 304. Each of the three-4 hour supernatant samples exceed the total suspended solids (TSS) standard and all of the supernatant samples exceed the Ammonia as N standard from 35 IAC 304.

4.2 Sediment Chemical Analysis

The three sediment samples were analyzed for the following:

Parameters Method

- TAL Metals 6010B/7470
- Herbicides 8150B
- Pesticides/Herbicides 8141
- Pesticides 8081A
- Polychlorinated Biphenyls (PCBs) 8082
- Volatile Organic Compounds (VOCs) 5035/8260B
- Semi-volatile Organic Compounds (SVOCs)8270
- Cyanide 335.4R1.0

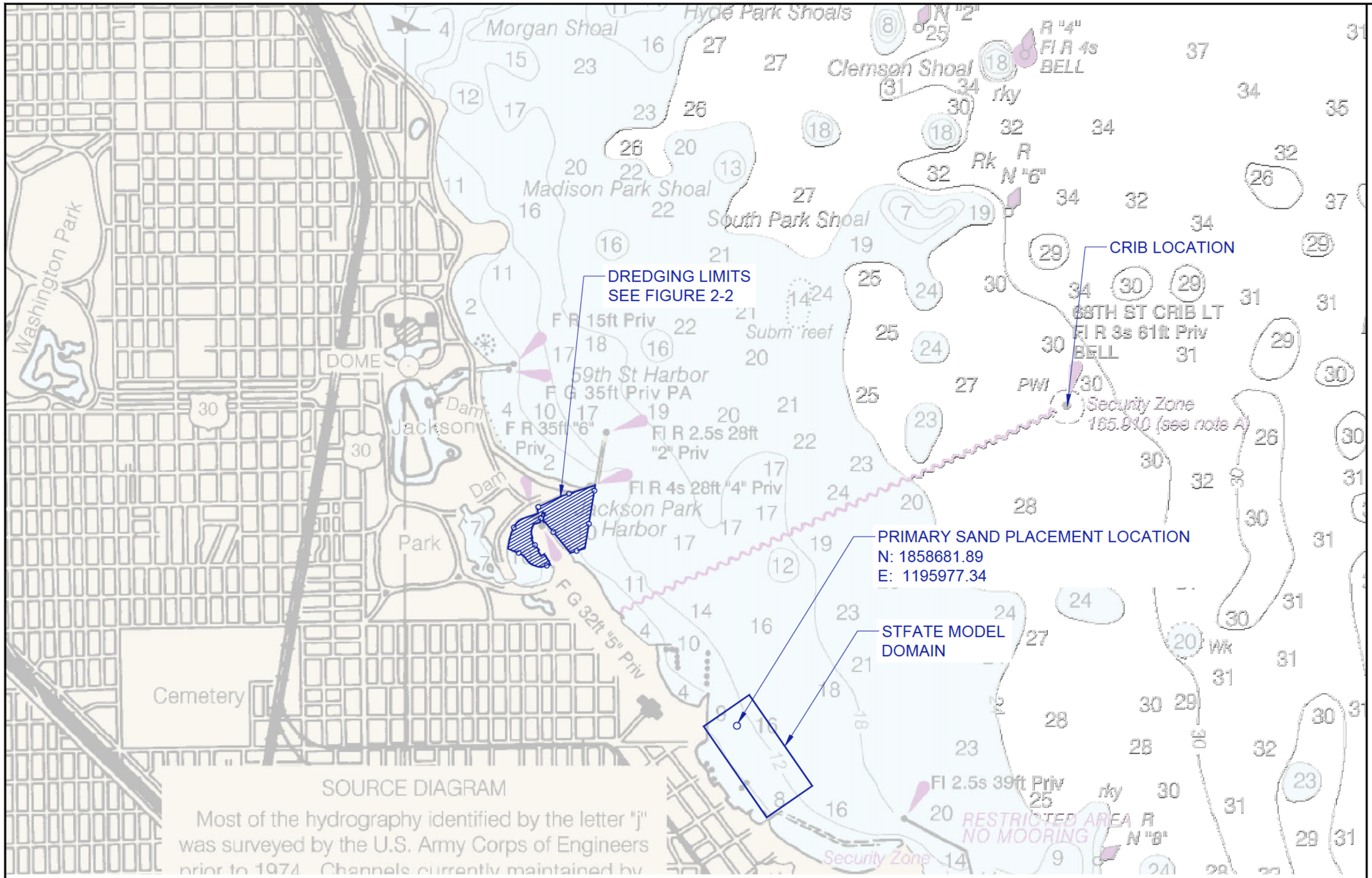
The sediment analysis is summarized in the Appendix C Table nos. 4 through 8 relative to the TACO Tier 1 Residential standards (35 IAC 742). The sediment analysis did not identify any concentrations in the three sediment samples above both the background concentrations and the TACO Tier 1 Residential standards. These same standards are utilized by the Chicago Park District as acceptance standards for fill material.

4.3 Asbestos Analysis

Two of the sediment samples were submitted under chain of custody control to EMSL Analytical, Inc. in Cinnaminson, New Jersey for asbestos analysis. The asbestos analysis was conducted by USEPA Superfund Method EPA-540-R97-028. The attached Table 10 summarizes the asbestos analysis. Sample GS-4 had 11 total asbestos structures identified, while sample GS-9 had no asbestos structures identified.

Appendix A

Proposed Dredging Plan for In-Lake Sand Placement



NOTE:
WATER DEPTHS SHOWN ARE WITH REFERENCE TO LWD

N

1000 0 1000 2000
SCALE: 1" = 1,000'

AECOM

312.373.7700

www.aecom.com

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By: AECOM USA, Inc

CHICAGO PARK DISTRICT
JACKSON HARBOR
CHICAGO, IL

JACKSON HARBOR
PERMIT MODIFICATION APPLICATION
REVISED DREDGED SAND PLACEMENT LOCATION

Issued

Rev	Date	Description

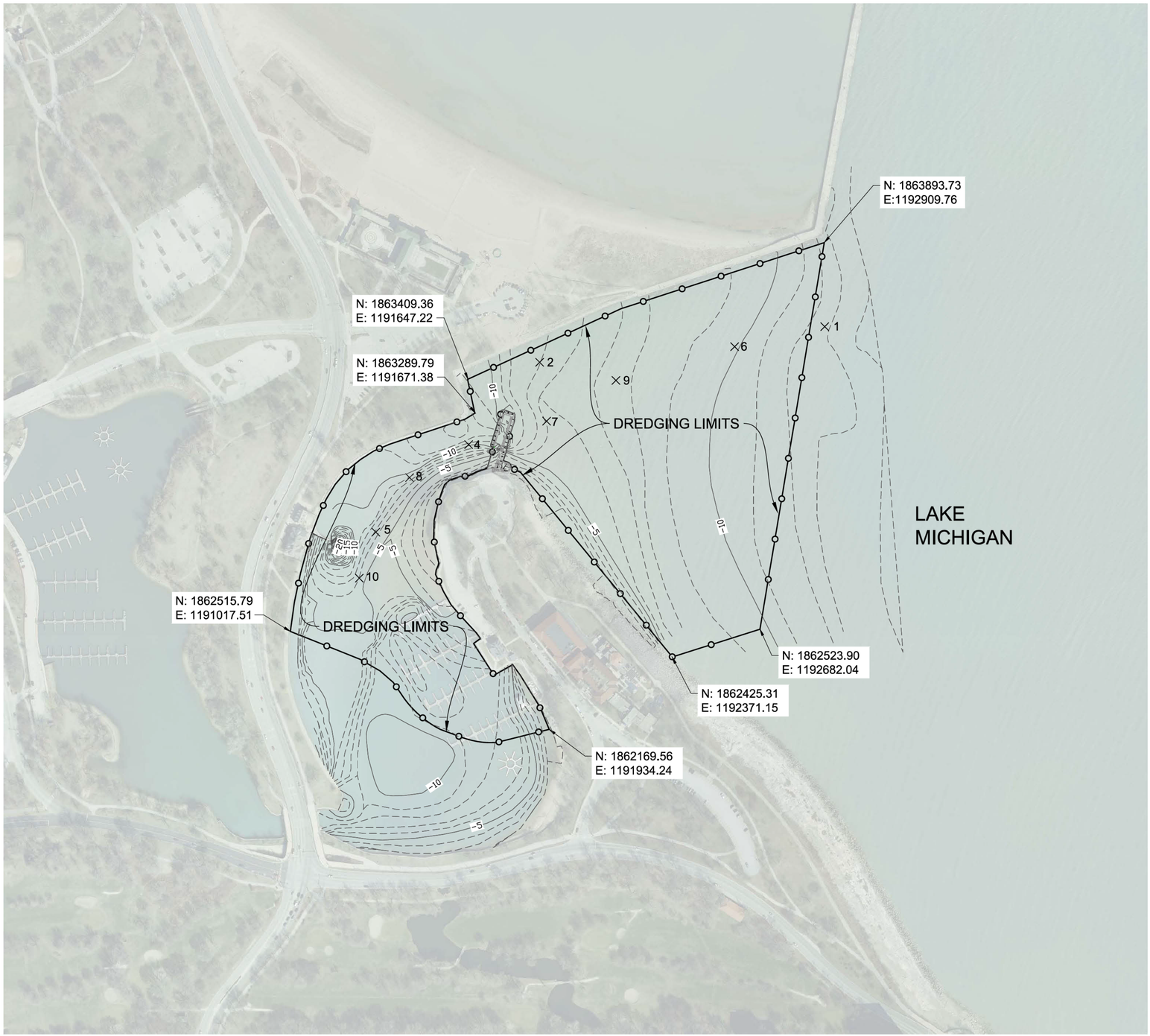
Designed:	WJW	1/26/2022
Drawn:	SS	1/26/2022
Checked:	–	–
Approved:	–	–

PROJECT NUMBER
60676831

SHEET REFERENCE NUMBER

Sheet 1

Filename: L:\DCS\PROJECTS\WTR\60676831_WESTREC_JACKSONHARBOR\900_CAD_GIS\10_CAD\20-SHEETS\FIGURE_SAND PLACEMENT LOCATION.DWG Last saved by: KOSTAMOL Last Plotted: 2023-02-03 Project Management Initials: Designer: ### Checked: ### Approved: ### ARCH D 24" x 36"



LEGEND

-9	EXISTING HARBOR BED CONTOUR (LOW WATER DATUM)
	DREDGING LIMITS
×8	SAND BORING LOCATIONS

1 C-01 SITE PLAN VIEW
SCALE: 1:200

200 0 200 400
SCALE: 1" = 200'

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CHICAGO PARK DISTRICT
JACKSON HARBOR
CHICAGO, IL

JACKSON HARBOR
SAND DREDGING PLAN FOR IN-LAKE
SAND PLACEMENT

Issued

Rev	Date	Description

Designed:	WJW	1/26/2022
Drawn:	SS	1/26/2022
Checked:	–	–
Approved:	–	–

PROJECT NUMBER
60676831

SHEET REFERENCE NUMBER
Sheet 2

L:\DCS\Projects\WRK\60676831_Westrec_JacksonHarbor\900_CAD_GIS\910_CAD\20-SHEETS\Figure_3-1_January 2022 Dredging Limits.dwg; 3/9/2022 5:09:27 PM; SHAFFER, SAM; STS.stb

Appendix B – Vibracore Boring Program Summary

- Boring Location Map
- Vibracore Boring Logs and Grain Size Curves
- Physical Characterization Laboratory Test Results
- Vibracore Photographs

Geo Services, Inc.
Geotechnical, Environmental and Civil Engineering
An MBE - DBE Firm

December 20, 2013

AECOM
750 Corporate Woods Parkway
Vernon Hills, Illinois 60061

Attn: Mr. Bill Weaver

Project Number 13158

Re: Vibrocore Borings
Jackson Harbor Sediment Sampling
Jackson Harbor, Chicago, Illinois

Dear Mr. Weaver:

Please find enclosed the logs of vibrocore borings performed for at the Jackson Harbor in Chicago, IL. The results of laboratory testing are also attached.

Geoservices used Illinois State Water Survey (ISWS) as our subconsultant to perform vibrocore sampling methods to obtain sediment samples at Jackson Harbor along the shoreline of Lake Michigan. Some of the cores were located outside the harbor mouth where the construction of a groin/breakwater is planned and other cores were located just inside the harbor mouth where a confined disposal facility is planned. A total of ten (10) vibrocore borings were performed on November 7, 2013. A vibracore location map showing coordinates of vibracore locations was provided by AECOM. The vibracore boring location map is attached. The locations of each of the cores were related to the site coordinate system by the ISWS representative using a GPS. The Core samples were obtained in the field and returned to our laboratory. The core samples were measured and photographed. Physical laboratory testing of the sediment samples included visual classification and grain-size with hydrometer in accordance to ASTM D 422.

If there are any questions with regard to the information submitted with this letter, or if we can be of further assistance to you in any way, please do not hesitate to contact us.

Very truly yours,

GEO SERVICES, INC.

Kiran Adhikary, P.E., LEED AP
Senior Project Engineer

Andrew J. Ptak, P.E.
Office Manager

enc.

805 Amherst Court, Suite 204 ♦ Naperville, IL 60565-3448 ♦ Phone (630) 305-9186 ♦ Fax (630) 355-2838
www.geoservicesinc.net

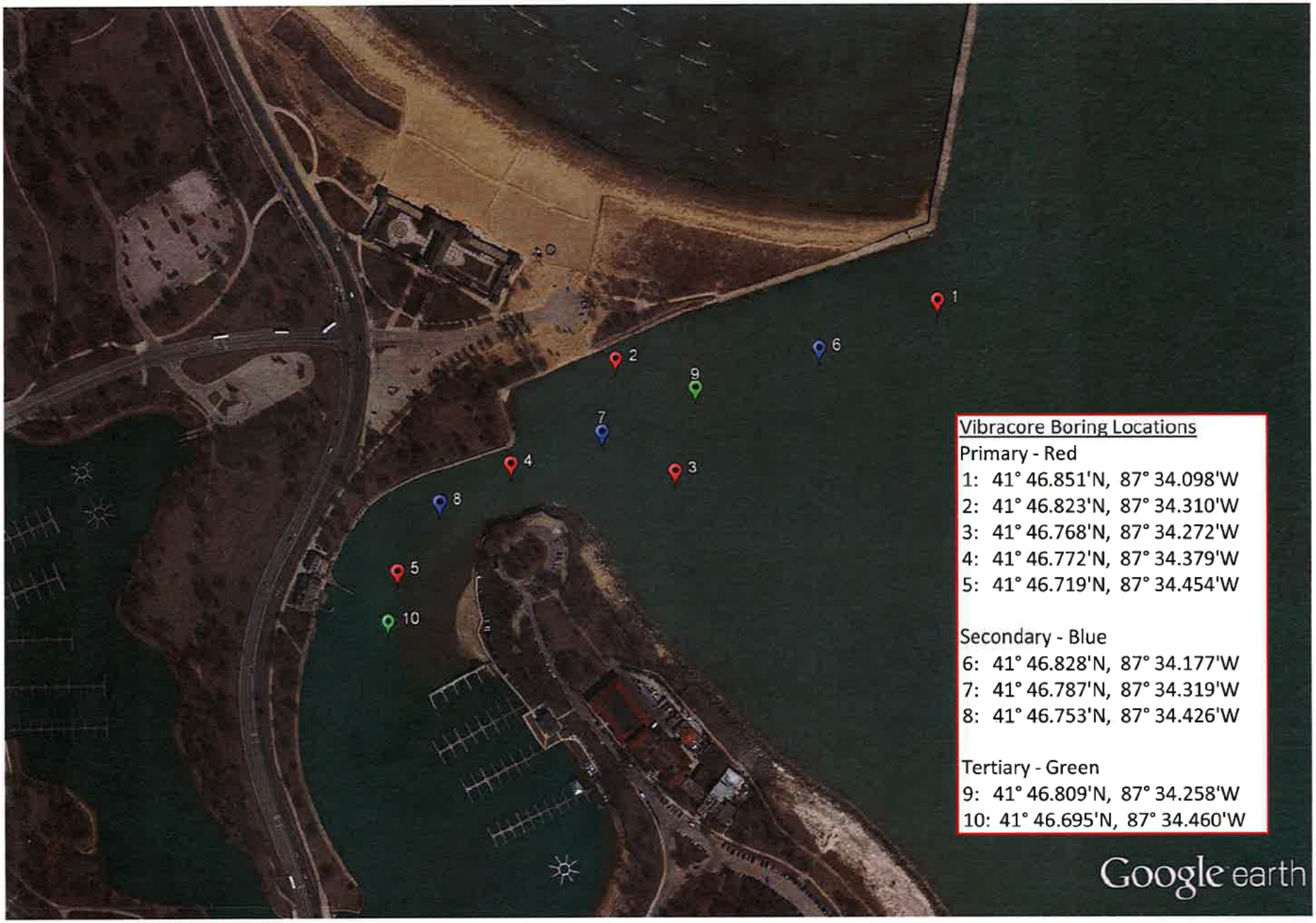
ATTACHMENTS

Vibrocore Boring Location Map

Vibrocore Boring Logs

Laboratory Test Results

Core Photographs



Google Earth Pro

LOG OF VIBRACORE NO. GSI–01

CLIENT
AECOM

CORE LOCATION
Northing: 41.78087
Easting: 087.56828

PROJECT LOCATION
Jackson Harbor
Chicago, Illinois

PROJECT DESCRIPTION
Jackson Harbor

DEPTH (ft.) BELOW WATER SURFACE	SAMPLE DISTANCE	SAMPLE RECOVERY	DESCRIPTION OF MATERIAL		UNIT DRY WT. LBS./FT.^{3}
			SURFACE WATER ELEVATION	577.4	
5.0			LAKE WATER		
10.0				565.4	
			Poorly Graded SILTY SAND, Trace GRAVEL–gray (SM)	563.4	
15.0			Poorly Graded SAND, Trace WHITE SHELL–gray (SP)	561.4	
			Poorly Graded SAND with SILT–gray (SP–SM)	559.4	
20.0			Poorly Graded SAND, Trace GRAVEL–gray (SP)	555.4	
			END OF CORE		
25.0					

UNCONFINED COMPRESSIVE STRENGTH TONS/FT.^{2}

CALIBRATED PENETROMETER TONS/FT.^{2}

1 2 3 4 5 6+

WATER ● CONTENT %

10 20 30 40 50 60+

COMMENTS	
Water Depth	12.0'
Core Depth	10.0'
Capped Core Length	7.6'
Time Capped (CST)	1155

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Amherst Court, Suite 204
Naperville, Illinois 60565
(630) 355-2838

CORE STARTED	November 7, 2013		
CORE COMPLETED	November 7, 2013		
RIG	Vibracore	FOREMAN	JK
DRAWN	MT	APPROVED	AJP
GSI JOB No.	13158	SHEET	1 OF 1

© Geo Services, Inc.

LOG OF VIBRACORE NO. GSI-02

CLIENT
AECOM

CORE LOCATION
Northing: 41.78033
Easting: 087.57182

PROJECT LOCATION
Jackson Harbor
Chicago, Illinois

PROJECT DESCRIPTION
Jackson Harbor

DEPTH (ft.) BELOW WATER SURFACE	SAMPLE DISTANCE	SAMPLE RECOVERY	DESCRIPTION OF MATERIAL	UNIT DRY WT. LBS./FT.^{3}
			SURFACE WATER ELEVATION 577.4	
			LAKE WATER 572.5	
5.0			Poorly Graded SAND with SILT, Trace WHITE SHELL–gray (SP–SM) 568.5	
10.0			Poorly Graded SAND, Trace GRAVEL–gray (SP) 566.5	
			Poorly Graded SILTY SAND, Trace WHITE SHELL–gray (SM) 562.5	
15.0			END OF CORE	
20.0				
25.0				

UNCONFINED COMPRESSIVE STRENGTH TONS/FT.^{2}

CALIBRATED PENETROMETER TONS/FT.^{2}

1 2 3 4 5 6+

WATER ● CONTENT %

10 20 30 40 50 60+

COMMENTS	
Water Depth	4.9'
Core Depth	10.0'
Capped Core Length	7.9'
Time Capped (CST)	1040

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Amherst Court, Suite 204
Naperville, Illinois 60565
(630) 355-2638

CORE STARTED	November 7, 2013		
CORE COMPLETED	November 7, 2013		
RIG	Vibracore	FOREMAN	JK
DRAWN	MT	APPROVED	AJP
GSI JOB No.	13158	SHEET	1 OF 1

© Geo Services, Inc.

LOG OF VIBRACORE NO. GSI-03

CLIENT
AECOM

CORE LOCATION
Northing: 41.77951
Easting: 087.57114

PROJECT LOCATION
Jackson Harbor
Chicago, Illinois

PROJECT DESCRIPTION
Jackson Harbor

DEPTH (ft.) BELOW WATER SURFACE	SAMPLE DISTANCE	SAMPLE RECOVERY	DESCRIPTION OF MATERIAL	UNIT DRY WT. LBS./FT.^{3}
			SURFACE WATER ELEVATION 577.4	
5.0			LAKE WATER 571.3	
10.0			Poorly Graded SAND with SILT–gray (SP–SM) 567.3	
			Poorly Graded SILTY SAND–gray (SM) 565.3	
15.0			Poorly Graded SAND with SILT–gray (SP–SM) 561.3	
20.0			END OF CORE	
25.0				

UNCONFINED COMPRESSIVE STRENGTH TONS/FT.^{2}

CALIBRATED PENETROMETER TONS/FT.^{2}

1 2 3 4 5 6+

WATER ● CONTENT %

10 20 30 40 50 60+

COMMENTS	
Water Depth	6.1'
Core Depth	10.0'
Capped Core Length	7.8'
Time Capped (CST)	1310

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Amherst Court, Suite 204
Naperville, Illinois 60565
(630) 355-2838

CORE STARTED	November 7, 2013		
CORE COMPLETED	November 7, 2013		
RIG	Vibracore	FOREMAN	JK
DRAWN	MT	APPROVED	AJP
GSI JOB No.	13158	SHEET	1 OF 1

© Geo Services, Inc.

LOG OF VIBRACORE NO. GSI-04

CLIENT
AECOM

CORE LOCATION
Northing: 41.77954
Easting: 087.57296

PROJECT LOCATION
Jackson Harbor
Chicago, Illinois

PROJECT DESCRIPTION
Jackson Harbor

DEPTH (ft.) BELOW WATER SURFACE	SAMPLE DISTANCE	SAMPLE RECOVERY	DESCRIPTION OF MATERIAL	UNIT DRY WT. LBS./FT.^{3}	UNCONFINED COMPRESSIVE STRENGTH TONS/FT.^{2} / CALIBRATED PENETROMETER TONS/FT.^{2} (1 2 3 4 5 6+) / WATER ● CONTENT % (10 20 30 40 50 60+)
			SURFACE WATER ELEVATION 577.4		
5.0			LAKE WATER		
10.0			567.4		
			Poorly Graded SAND with SILT, Trace WHITE SHELL–gray (SP–SM) 565.4		
15.0			Poorly Graded SAND, Trace WHITE SHELL–gray (SP) 561.4		
20.0			Poorly Graded SAND with SILT–gray (SP–SM) 557.4		
25.0			END OF CORE		

COMMENTS	
Water Depth	10.0'
Core Depth	10.0'
Capped Core Length	6.7'
Time Capped (CST)	0910

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CORE COMPLETED	November 7, 2013		
RIG	Vibracore	FOREMAN	JK
DRAWN	MT	APPROVED	AJP
GSI JOB No.	13158	SHEET	1 OF 1

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LOG OF VIBRACORE NO. GSI–05

CLIENT
AECOM

CORE LOCATION
Northing: 41.77866
Easting: 087.57432

PROJECT LOCATION
Jackson Harbor
Chicago, Illinois

PROJECT DESCRIPTION
Jackson Harbor

DEPTH (ft.) BELOW WATER SURFACE	SAMPLE DISTANCE	SAMPLE RECOVERY	DESCRIPTION OF MATERIAL	UNIT DRY WT. LBS./FT.^{3}	UNCONFINED COMPRESSIVE STRENGTH TONS/FT.^{2} / CALIBRATED PENETROMETER TONS/FT.^{2} (1 2 3 4 5 6+) / WATER ● CONTENT % (10 20 30 40 50 60+)
			SURFACE WATER ELEVATION 577.4		
5.0			LAKE WATER 570.3		
			Poorly Graded SAND, Trace WHITE SHELL–gray (SP) 568.3		
10.0			Poorly Graded SAND with SILT, Trace GRAVEL (SP–SM) 566.3		
			Poorly Graded SAND, Trace WOOD and GRAVEL–gray (SP) 563.1		
15.0			LEAN CLAY, Trace SAND and GRAVEL–gray–soft (CL) 560.3		○ 0.25 ●
20.0					
25.0					

COMMENTS	
Water Depth	7.1'
Core Depth	10.0'
Capped Core Length	7.2'
Time Capped (CST)	0755

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RIG	Vibracore	FOREMAN	JK
DRAWN	MT	APPROVED	AJP
GSI JOB No.	13158	SHEET	1 OF 1

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LOG OF VIBRACORE NO. GSI–06

CLIENT
AECOM

CORE LOCATION
Northing: 41.78048
Easting: 087.56947

PROJECT LOCATION
Jackson Harbor
Chicago, Illinois

PROJECT DESCRIPTION
Jackson Harbor

DEPTH (ft.) BELOW WATER SURFACE	SAMPLE DISTANCE	SAMPLE RECOVERY	DESCRIPTION OF MATERIAL	UNIT DRY WT. LBS./FT.^{3}	UNCONFINED COMPRESSIVE STRENGTH TONS/FT.^{2} / CALIBRATED PENETROMETER TONS/FT.^{2} (1 2 3 4 5 6+) / WATER ● CONTENT % (10 20 30 40 50 60+)
			SURFACE WATER ELEVATION 577.4		
5.0			LAKE WATER 568.6		
10.0			Poorly Graded SAND with SILT, Trace WHITE SHELL–gray (SP–SM) 566.6		
			Poorly Graded SAND, Trace WHITE SHELL and GRAVEL–gray (SP) 564.6		
15.0			Poorly Graded SILTY SAND–gray (SM) 558.6		
20.0			END OF CORE		
25.0					

COMMENTS	
Water Depth	8.8'
Core Depth	10.0'
Capped Core Length	6.2'
Time Capped (CST)	1115

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RIG	Vibracore	FOREMAN	JK
DRAWN	MT	APPROVED	AJP
GSI JOB No.	13158	SHEET	1 OF 1

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LOG OF VIBRACORE NO. GSI–07

CLIENT
AECOM

CORE LOCATION
Northing: 41.77984
Easting: 087.57194

PROJECT LOCATION
Jackson Harbor
Chicago, Illinois

PROJECT DESCRIPTION
Jackson Harbor

DEPTH (ft.) BELOW WATER SURFACE	SAMPLE DISTANCE	SAMPLE RECOVERY	DESCRIPTION OF MATERIAL	UNIT DRY WT. LBS./FT.^{3}	UNCONFINED COMPRESSIVE STRENGTH TONS/FT.^{2} / CALIBRATED PENETROMETER TONS/FT.^{2} (1 2 3 4 5 6+) / WATER ● CONTENT % (10 20 30 40 50 60+)
			SURFACE WATER ELEVATION 577.4		
5.0			LAKE WATER 570.2		
			Poorly Graded SAND with SILT, Trace GRAVEL and WOOD–dark gray (SP–SM) 568.2		
10.0			Poorly Graded SAND with SILT, Trace GRAVEL and WHITE SHELL–gray (SP–SM) 566.2		
			Poorly Graded SAND with SILT, Trace WHITE SHELL–gray (SP–SM) 564.2		
15.0			Poorly Graded SAND, Trace GRAVEL–gray (SP) 560.2		
20.0			END OF CORE		
25.0					

COMMENTS	
Water Depth	7.2'
Core Depth	10.0'
Capped Core Length	7.1'
Time Capped (CST)	0950

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RIG	Vibracore	FOREMAN	JK
DRAWN	MT	APPROVED	AJP
GSI JOB No.	13158	SHEET	1 OF 1

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LOG OF VIBRACORE NO. GSI-08

CLIENT
AECOM

CORE LOCATION
Northing: 41.77930
Easting: 087.57366

PROJECT LOCATION
Jackson Harbor
Chicago, Illinois

PROJECT DESCRIPTION
Jackson Harbor

DEPTH (ft.) BELOW WATER SURFACE	SAMPLE DISTANCE	SAMPLE RECOVERY	DESCRIPTION OF MATERIAL	UNIT DRY WT. LBS./FT.^{3}	UNCONFINED COMPRESSIVE STRENGTH TONS/FT.^{2} / CALIBRATED PENETROMETER TONS/FT.^{2} (1 2 3 4 5 6+) / WATER ● CONTENT % (10 20 30 40 50 60+)
			SURFACE WATER ELEVATION 577.4		
5.0			LAKE WATER		
10.0			567.3		
			Poorly Graded SAND with SILT, Trace GRAVEL–gray (SP–SM)		
15.0			563.3		
			Poorly Graded SAND with SILT–gray (SP–SM)		
20.0			557.3		
			END OF CORE		
25.0					

COMMENTS	
Water Depth	10.1'
Core Depth	10.0'
Capped Core Length	5.7'
Time Capped (CST)	0825

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CORE STARTED	November 7, 2013		
CORE COMPLETED	November 7, 2013		
RIG	Vibracore	FOREMAN	JK
DRAWN	MT	APPROVED	AJP
GSI JOB No.	13158	SHEET	1 OF 1

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LOG OF VIBRACORE NO. GSI–09

CLIENT
AECOM

CORE LOCATION
Northing: 41.78012
Easting: 087.57088

PROJECT LOCATION
Jackson Harbor
Chicago, Illinois

PROJECT DESCRIPTION
Jackson Harbor

DEPTH (ft.) BELOW WATER SURFACE	SAMPLE DISTANCE	SAMPLE RECOVERY	DESCRIPTION OF MATERIAL	UNIT DRY WT. LBS./FT.^{3}
			SURFACE WATER ELEVATION 577.4	
5.0			LAKE WATER 569.9	
10.0			Poorly Graded SAND with SILT, Trace WHITE SHELL–gray (SP–SM) 567.9	
			Poorly Graded SILTY SAND, Trace GRAVEL and WHITE SHELL–gray (SM) 563.9	
15.0			Poorly Graded SAND with SILT, Trace GRAVEL–gray (SP–SM) 559.9	
20.0			END OF CORE	
25.0				

UNCONFINED COMPRESSIVE STRENGTH TONS/FT.^{2}

CALIBRATED PENETROMETER TONS/FT.^{2} *

1 2 3 4 5 6+

WATER ● CONTENT %

10 20 30 40 50 60+

COMMENTS	
Water Depth	7.5'
Core Depth	10.0'
Capped Core Length	7.4'
Time Capped (CST)	1235

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CORE STARTED	November 7, 2013		
CORE COMPLETED	November 7, 2013		
RIG	Vibracore	FOREMAN	JK
DRAWN	MT	APPROVED	AJP
GSI JOB No.	13158	SHEET	1 OF 1

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LOG OF VIBRACORE NO. GSI-10

CLIENT
AECOM

CORE LOCATION
Northing: 41.77827
Easting: 087.57434

PROJECT LOCATION
Jackson Harbor
Chicago, Illinois

PROJECT DESCRIPTION
Jackson Harbor

DEPTH (ft.) BELOW WATER SURFACE	SAMPLE DISTANCE	SAMPLE RECOVERY	DESCRIPTION OF MATERIAL	UNIT DRY WT. LBS./FT.^{3}
			SURFACE WATER ELEVATION 577.4	
5.0			LAKE WATER — 570.8	
10.0			Poorly Graded SILTY SAND–dark gray (SM) — 566.8	
			Poorly Graded SAND with SILT–gray (SP–SM) — 564.8	
15.0			Poorly Graded SAND, Trace GRAVEL–gray (SP) — 560.8	
			END OF CORE	
20.0				
25.0				

UNCONFINED COMPRESSIVE STRENGTH TONS/FT.^{2}

CALIBRATED PENETROMETER TONS/FT.^{2}

1 2 3 4 5 6+

WATER ● CONTENT %

10 20 30 40 50 60+

COMMENTS	
Water Depth	6.6'
Core Depth	10.0'
Capped Core Length	8.1'
Time Capped (CST)	1345

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CORE COMPLETED	November 7, 2013		
RIG	Vibracore	FOREMAN	JK
DRAWN	MT	APPROVED	AJP
GSI JOB No.	13158	SHEET	1 OF 1

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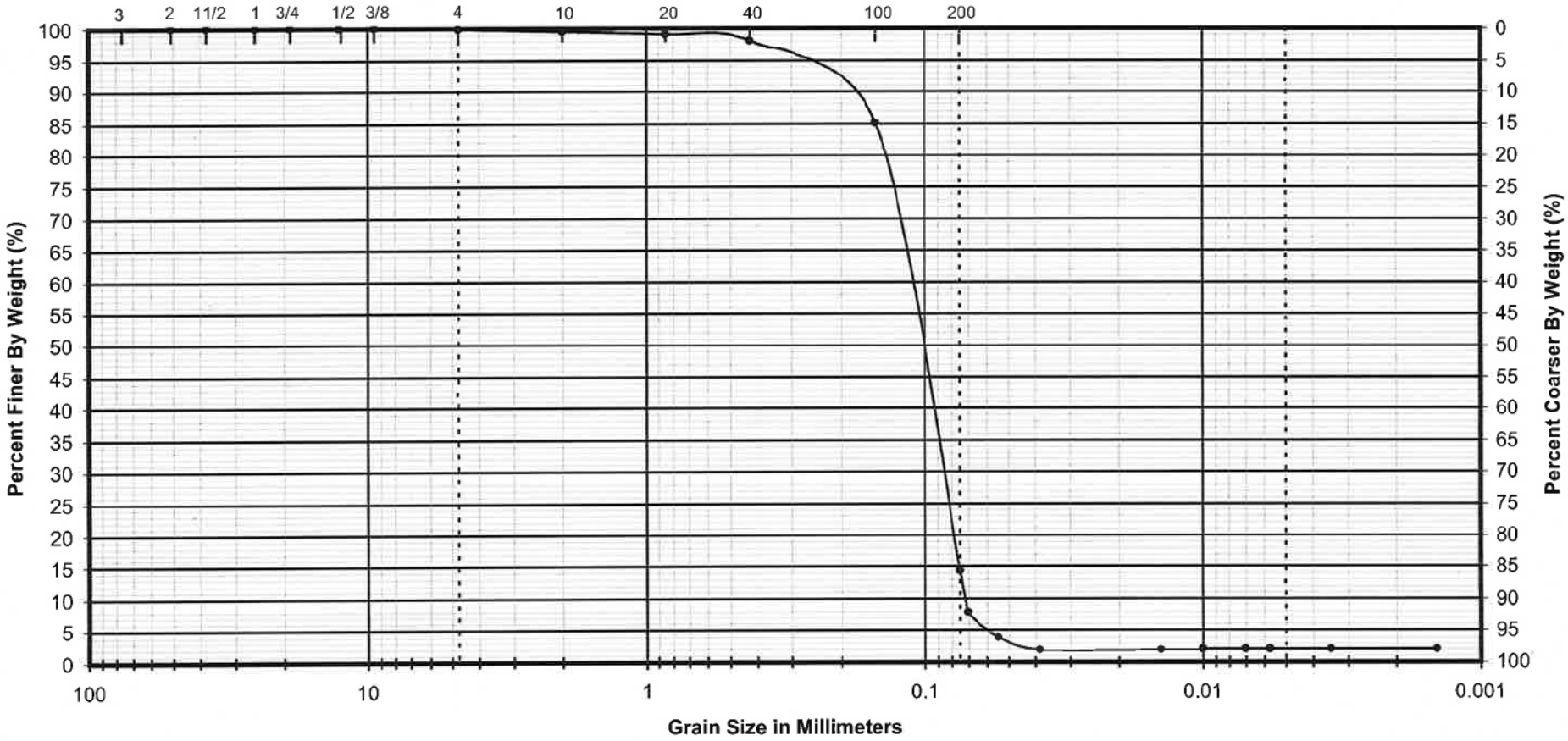

GRAVEL	SAND			SILT	CLAY
	COARSE	MEDIUM	FINE		

Boring No.	GS-1	CLASSIFICATION-ASTM D 2487		PARTICLE SIZE ANALYSIS-ASTM D 422
Sample No.	1	SILTY SAND (SM)		Jackson Harbor Dredging & Modification Project Chicago Park District Chicago, Illinois
Depth	0.0'-2.0'			
Liquid Limit	-	gray		
Plastic Limit	-			
Plasticity Index	NP			
Test By	CC	% Gravel	0.1	
Date	11/20/13	% Sand	85.5	
Reviewed By	KA	% Silt	12.3	
Job No	13158	% Clay	2.0	

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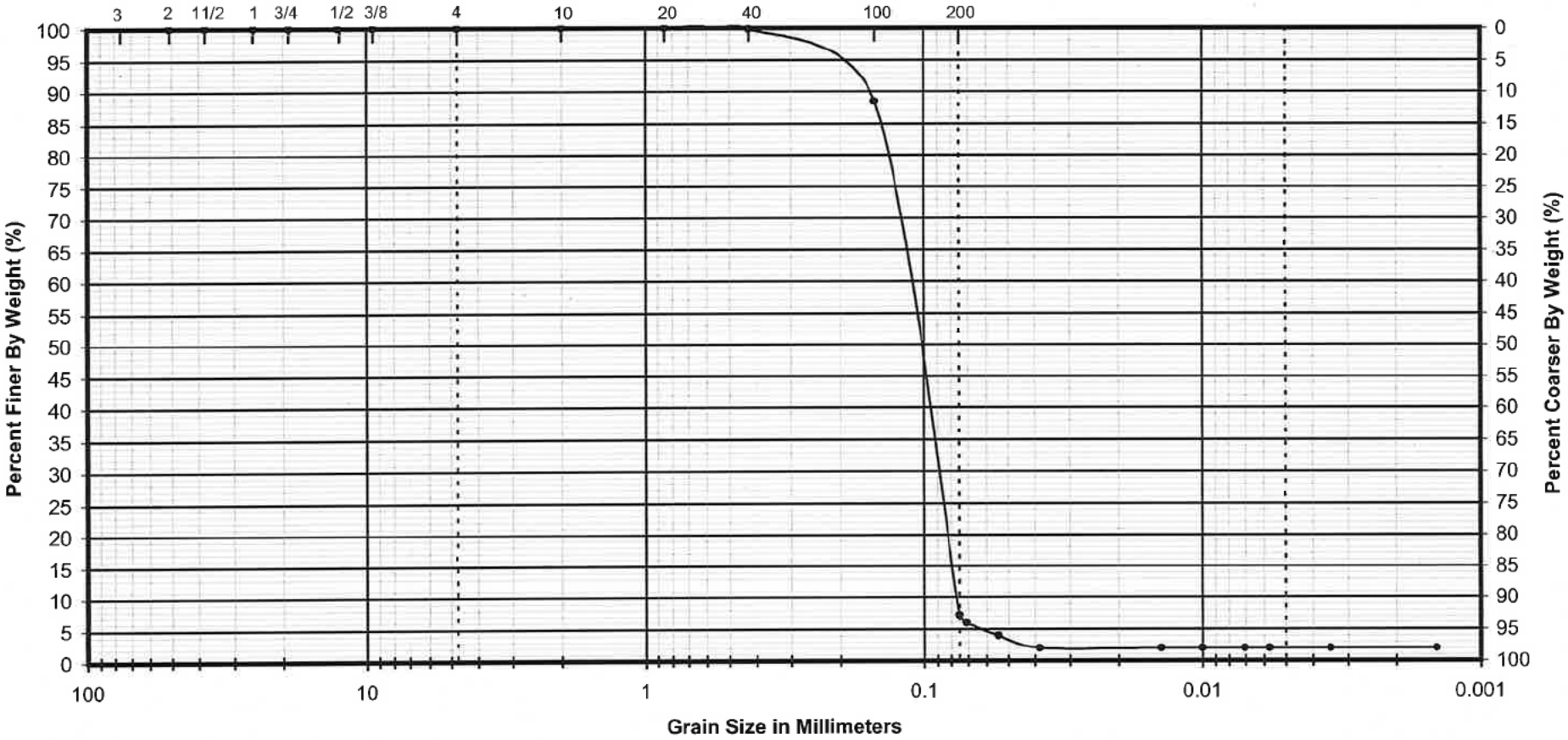

GRAVEL	SAND			SILT	CLAY
	COARSE	MEDIUM	FINE		

Boring No.	GS-2	CLASSIFICATION-ASTM D 2487		PARTICLE SIZE ANALYSIS-ASTM D 422
Sample No.	2	POORLY GRADED SAND with SILT (SP-SM)		Jackson Harbor Dredging & Modification Project Chicago Park District Chicago, Illinois
Depth	2.0'-4.0'			
Liquid Limit	-	gray		
Plastic Limit	-	Cu	1.6	
Plasticity Index	NP	Cc	0.9	
Test By	CC	% Gravel	0.0	
Date	11/20/13	% Sand	92.8	
Reviewed By	KA	% Silt	5.2	
Job No	13158	% Clay	2.0	

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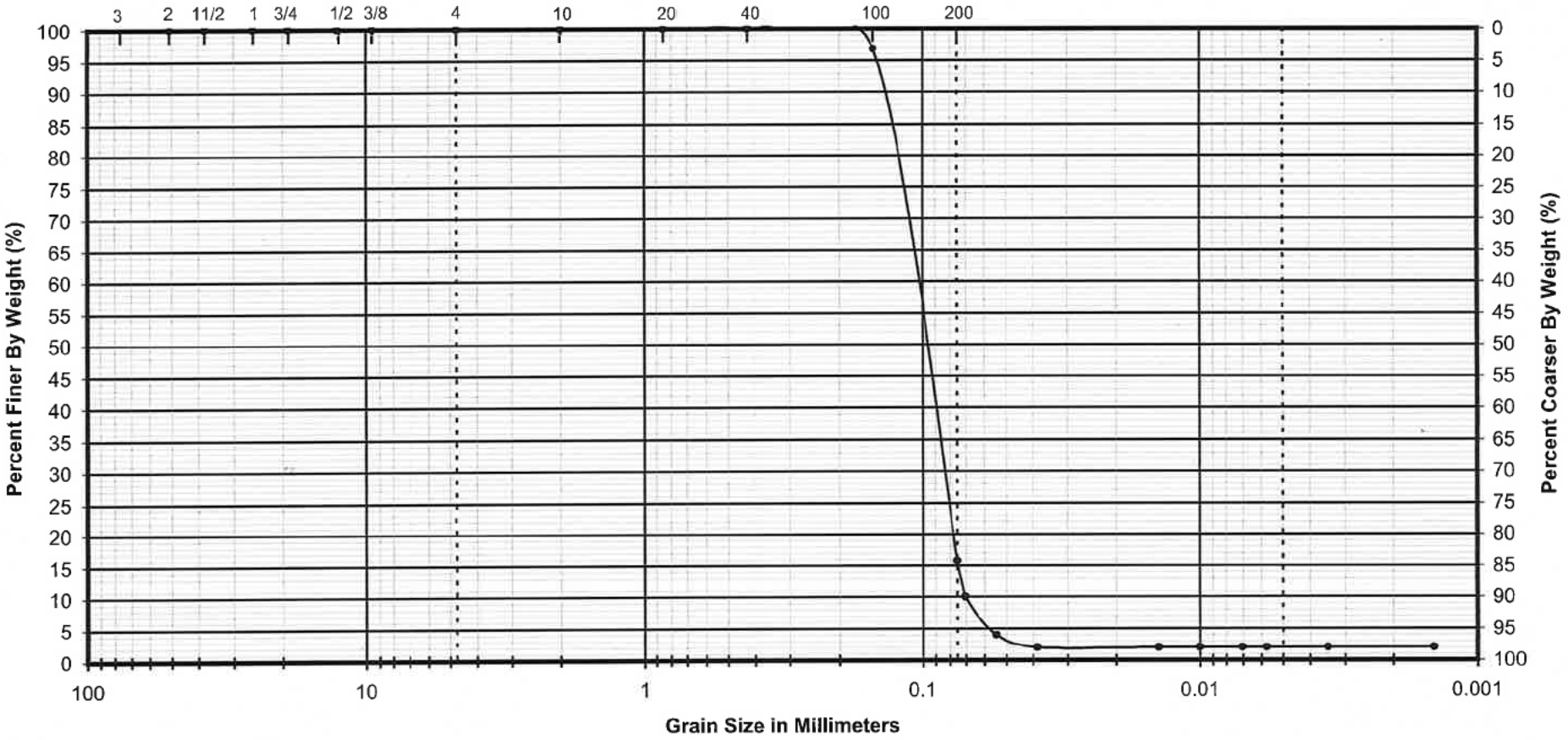

GRAVEL	SAND			SILT	CLAY
	COARSE	MEDIUM	FINE		

Boring No.	GS-3	CLASSIFICATION-ASTM D 2487		PARTICLE SIZE ANALYSIS-ASTM D 422
Sample No.	3	SILTY SAND (SM)		Jackson Harbor Dredging & Modification Project Chicago Park District Chicago, Illinois
Depth	4.0'-6.0'			
Liquid Limit	-	gray		
Plastic Limit	-			
Plasticity Index	NP			
Test By	CC	% Gravel	0.0	
Date	11/20/13	% Sand	84.2	
Reviewed By	KA	% Silt	13.8	
Job No	13158	% Clay	2.0	

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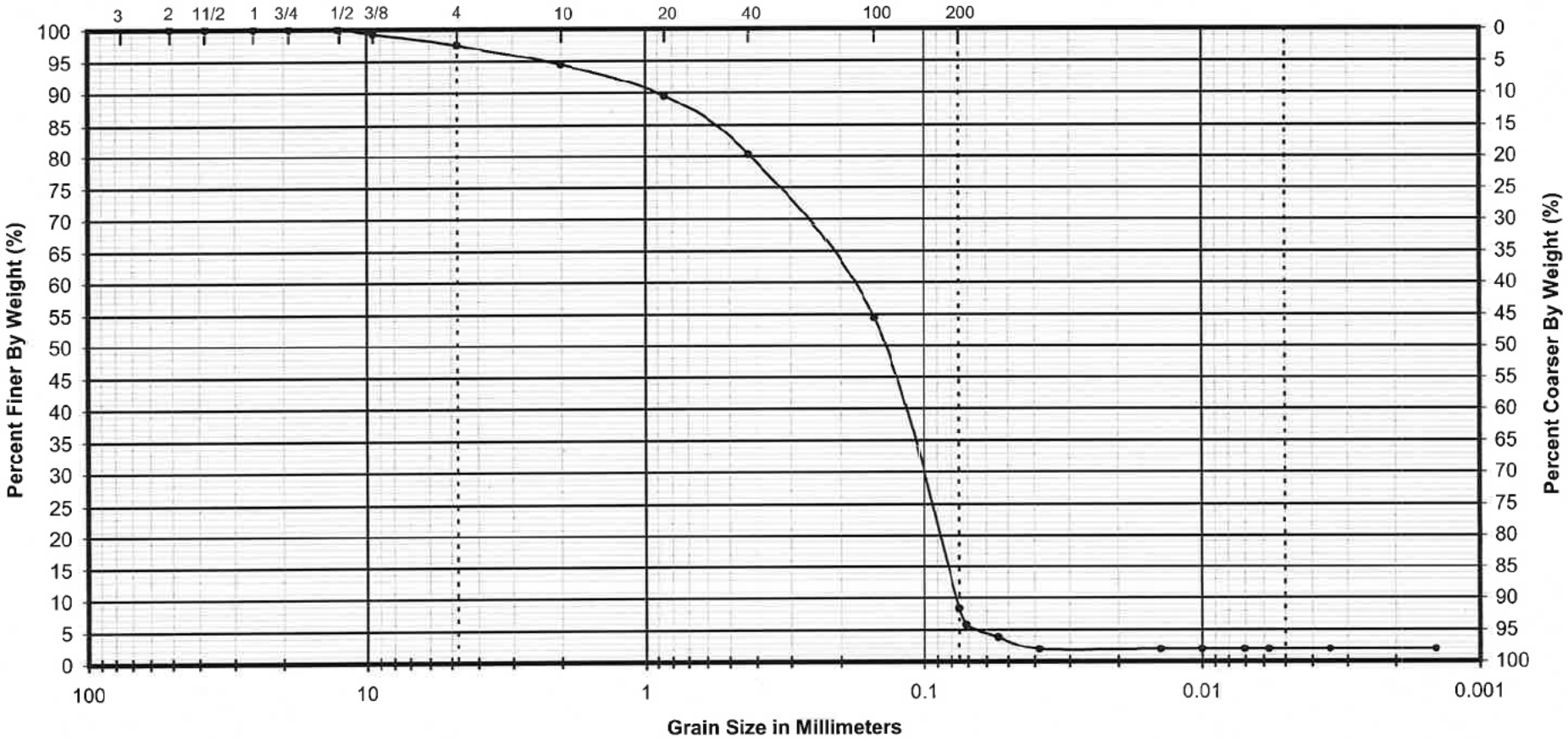

GRAVEL	SAND			SILT	CLAY
	COARSE	MEDIUM	FINE		

Boring No.	GS-4	CLASSIFICATION-ASTM D 2487	PARTICLE SIZE ANALYSIS-ASTM D 422
Sample No.	1	POORLY GRADED SAND with SILT (SP-SM)	Jackson Harbor Dredging & Modification Project
Depth	0.0'-2.0'		Chicago Park District
Liquid Limit	-	gray	Chicago, Illinois
Plastic Limit	-	Cu 2.3	
Plasticity Index	NP	Cc 0.7	
Test By	CC	% Gravel 2.4	
Date	11/20/13	% Sand 89.2	
Reviewed By	KA	% Silt 6.4	
Job No	13158	% Clay 1.9	

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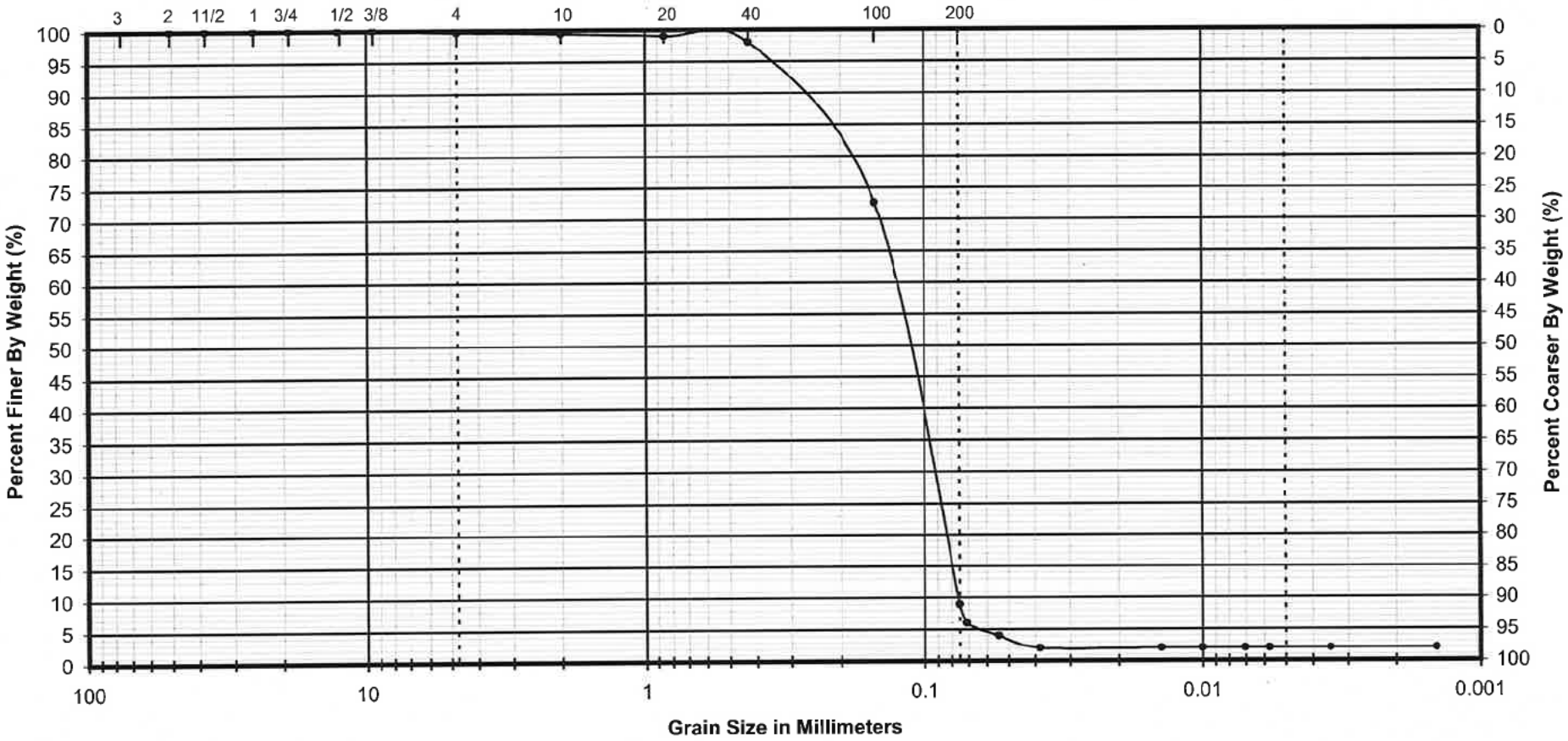

GRAVEL	SAND			SILT	CLAY
	COARSE	MEDIUM	FINE		

Boring No.	GS-5	CLASSIFICATION-ASTM D 2487		PARTICLE SIZE ANALYSIS-ASTM D 422
Sample No.	2	POORLY GRADED SAND with SILT (SP-SM)		Jackson Harbor Dredging & Modification Project Chicago Park District Chicago, Illinois
Depth	2.0'-4.0'			
Liquid Limit	-	gray		
Plastic Limit	-	Cu	1.9	
Plasticity Index	NP	Cc	0.8	
Test By	CC	% Gravel	0.3	
Date	11/20/13	% Sand	90.7	
Reviewed By	KA	% Silt	6.9	
Job No	13158	% Clay	2.0	

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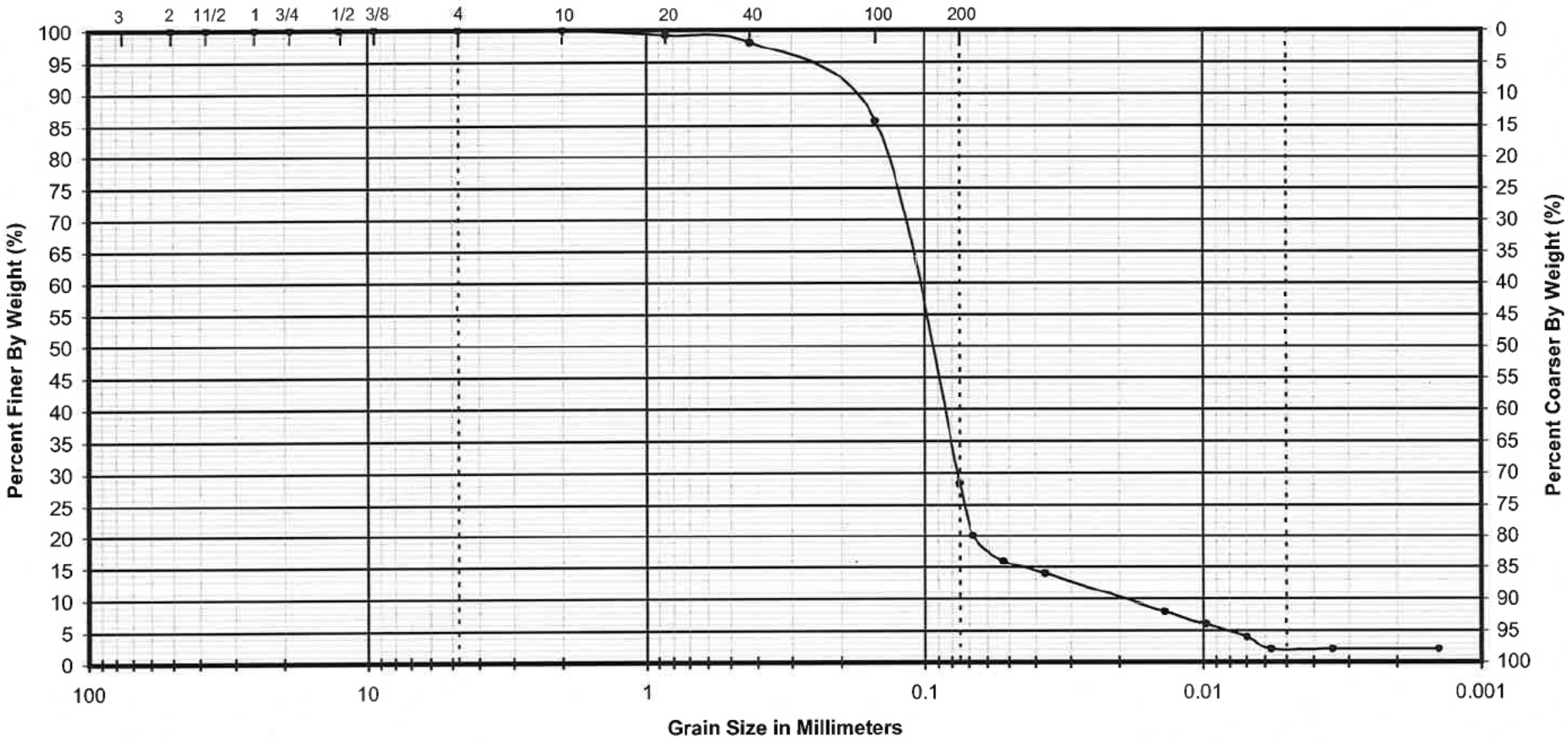

GRAVEL	SAND			SILT	CLAY
	COARSE	MEDIUM	FINE		

Boring No.	GS-6	CLASSIFICATION-ASTM D 2487		PARTICLE SIZE ANALYSIS-ASTM D 422
Sample No.	3	SILTY SAND (SM)		Jackson Harbor Dredging
Depth	4.0'-6.0'			& Modification Project
Liquid Limit	-	gray		Chicago Park District
Plastic Limit	-			Chicago, Illinois
Plasticity Index	NP			
Test By	CC	% Gravel	0.0	Geo Services, Inc.
Date	11/20/13	% Sand	71.7	Geotechnical, Environmental and Civil Engineering
Reviewed By	KA	% Silt	26.3	An MBE - DBE Firm
Job No	13158	% Clay	2.0	1235 E. Davis St., Arlington Heights, IL 60005
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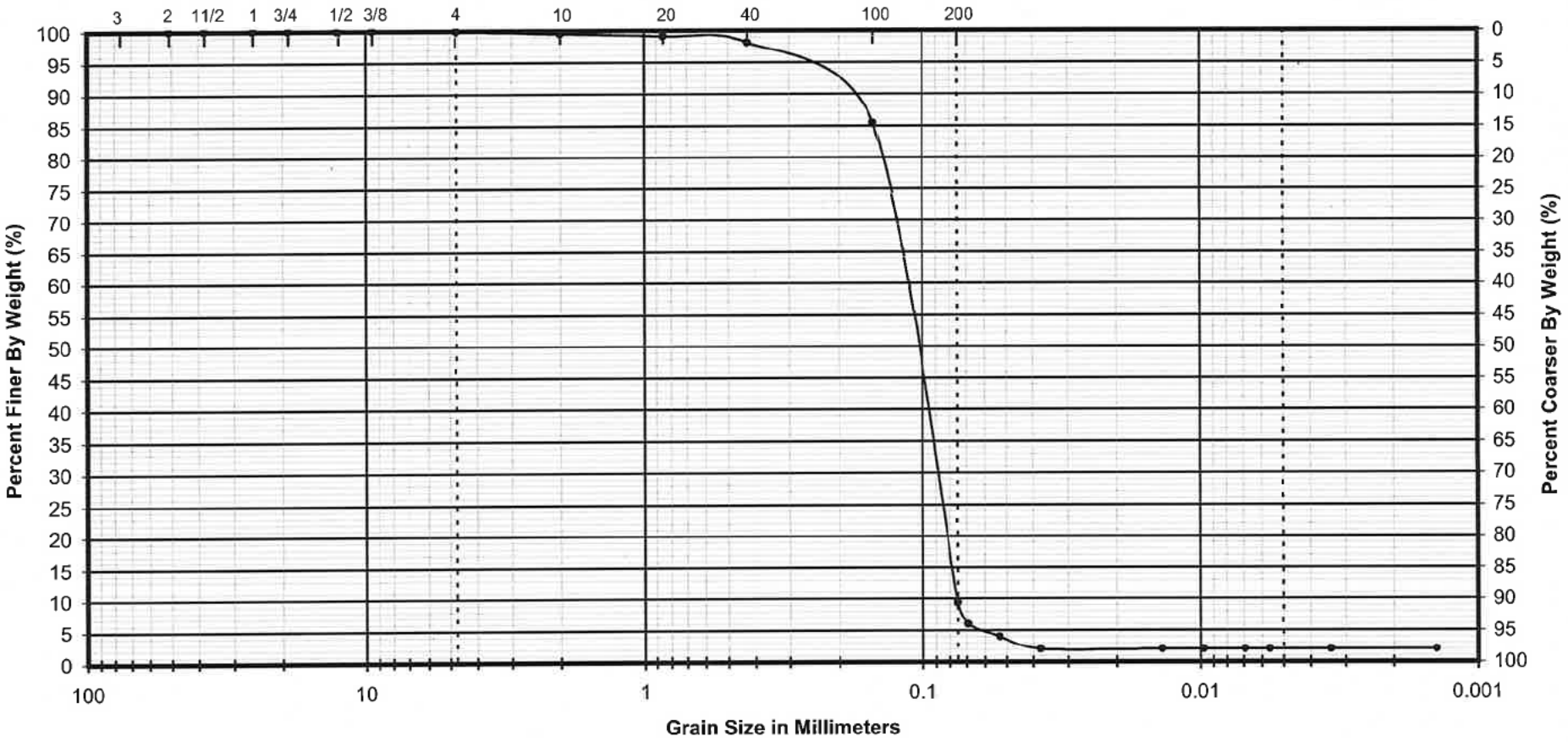

GRAVEL	SAND			SILT	CLAY
	COARSE	MEDIUM	FINE		

Boring No.	GS-7	CLASSIFICATION-ASTM D 2487	PARTICLE SIZE ANALYSIS-ASTM D 422
Sample No.	2	POORLY GRADED SAND with SILT (SP-SM)	Jackson Harbor Dredging & Modification Project
Depth	2.0'-4.0'		Chicago Park District
Liquid Limit	-	gray	Chicago, Illinois
Plastic Limit	-	Cu 1.6	
Plasticity Index	NP	Cc 0.9	
Test By	CC	% Gravel 0.1	
Date	11/20/13	% Sand 90.6	
Reviewed By	KA	% Silt 7.3	
Job No	13158	% Clay 2.0	

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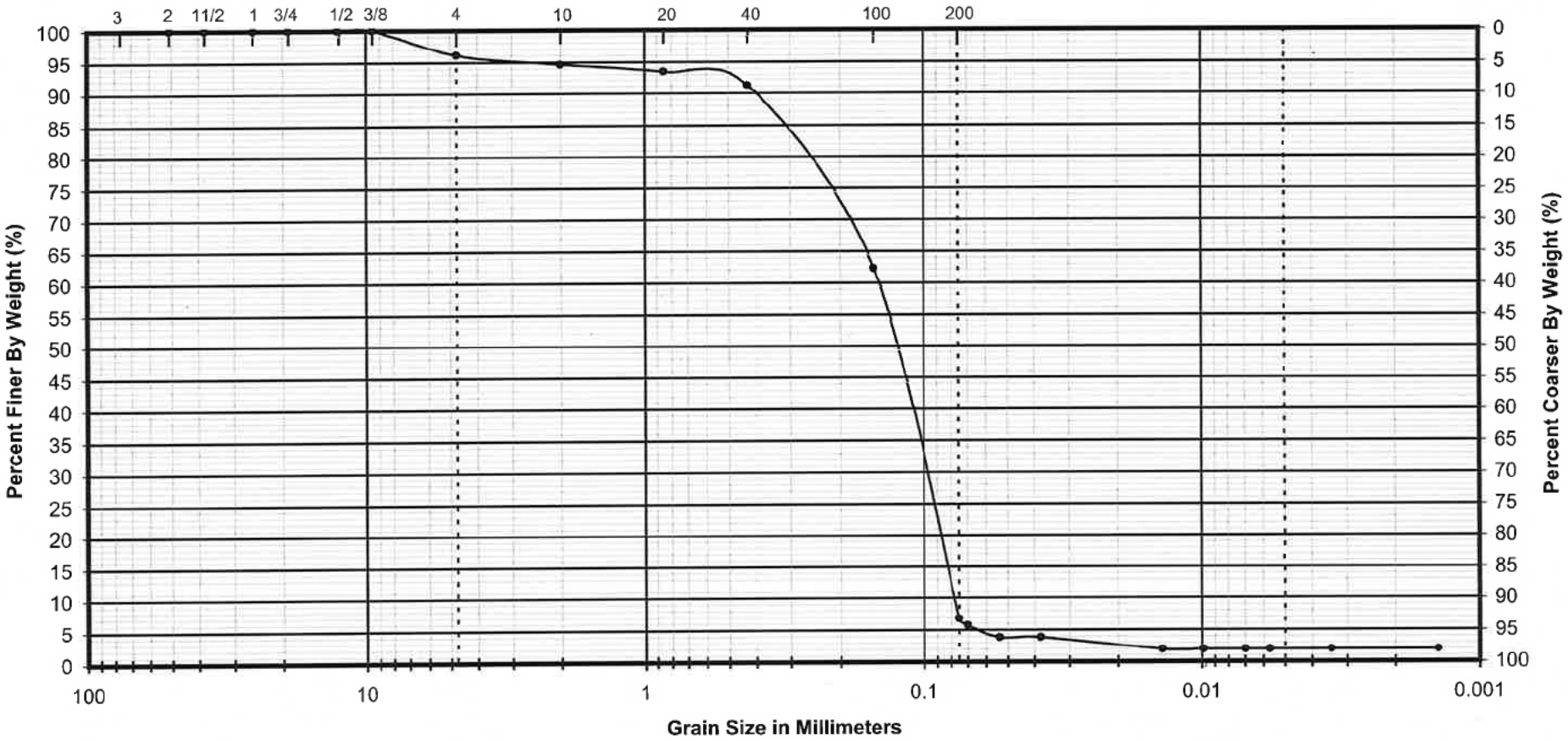

GRAVEL	SAND			SILT	CLAY
	COARSE	MEDIUM	FINE		

Boring No.	GS-8	CLASSIFICATION-ASTM D 2487		PARTICLE SIZE ANALYSIS-ASTM D 422
Sample No.	1	POORLY GRADED SAND with SILT (SP-SM)		Jackson Harbor Dredging & Modification Project Chicago Park District Chicago, Illinois
Depth	0.0'-2.0'			
Liquid Limit	-	gray		
Plastic Limit	-	Cu	1.9	
Plasticity Index	NP	Cc	0.8	
Test By	CC	% Gravel	3.9	
Date	11/20/13	% Sand	89.3	
Reviewed By	KA	% Silt	4.9	
Job No	13158	% Clay	1.9	

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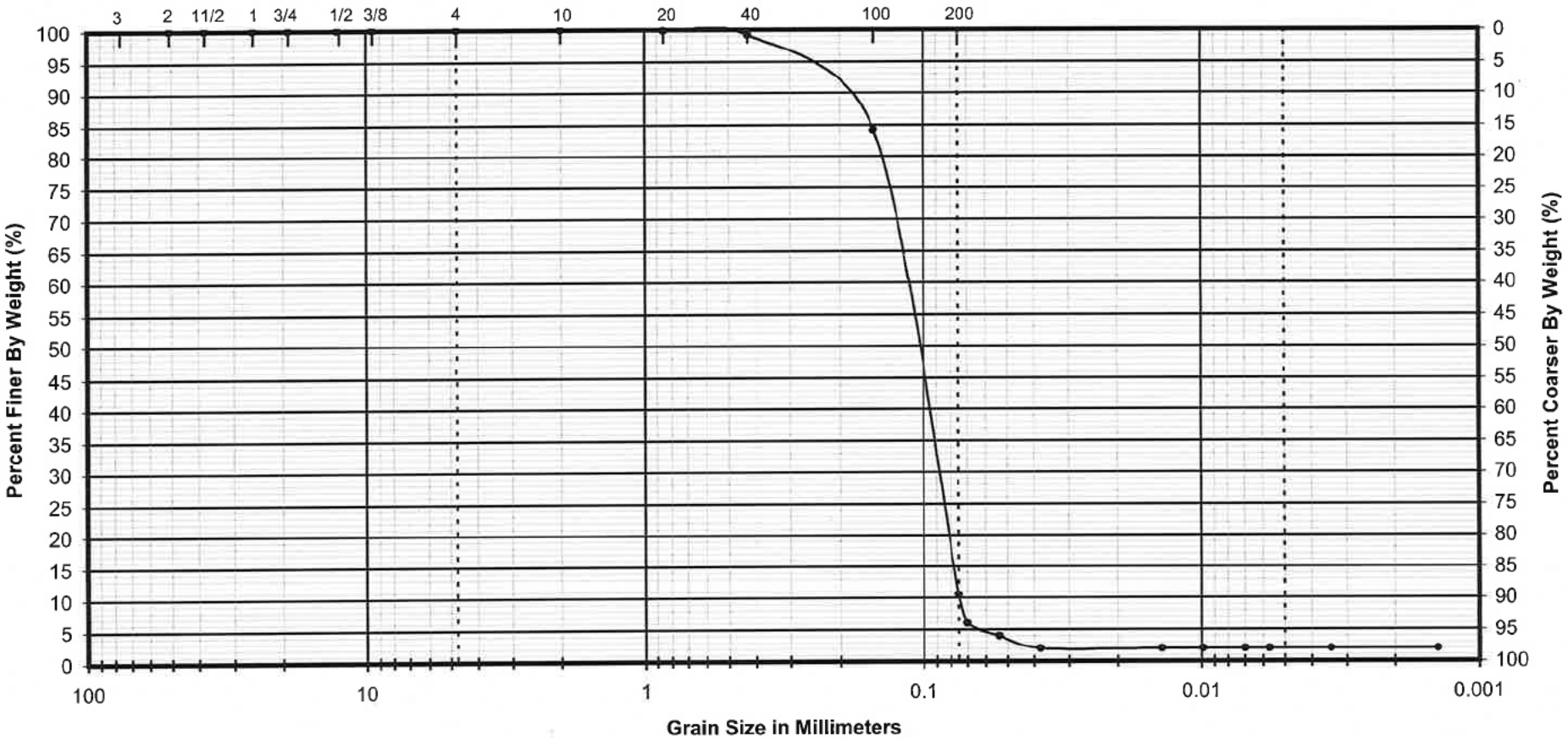

GRAVEL	SAND			SILT	CLAY
	COARSE	MEDIUM	FINE		

Boring No.	GS-9	CLASSIFICATION-ASTM D 2487		PARTICLE SIZE ANALYSIS-ASTM D 422
Sample No.	1	POORLY GRADED SAND with SILT (SP-SM)		Jackson Harbor Dredging & Modification Project Chicago Park District Chicago, Illinois
Depth	0.0'-2.0'			
Liquid Limit	-	gray		
Plastic Limit	-	Cu	1.7	
Plasticity Index	NP	Cc	0.8	
Test By	CC	% Gravel	0.0	
Date	11/20/13	% Sand	89.6	
Reviewed By	KA	% Silt	8.4	
Job No	13158	% Clay	2.0	

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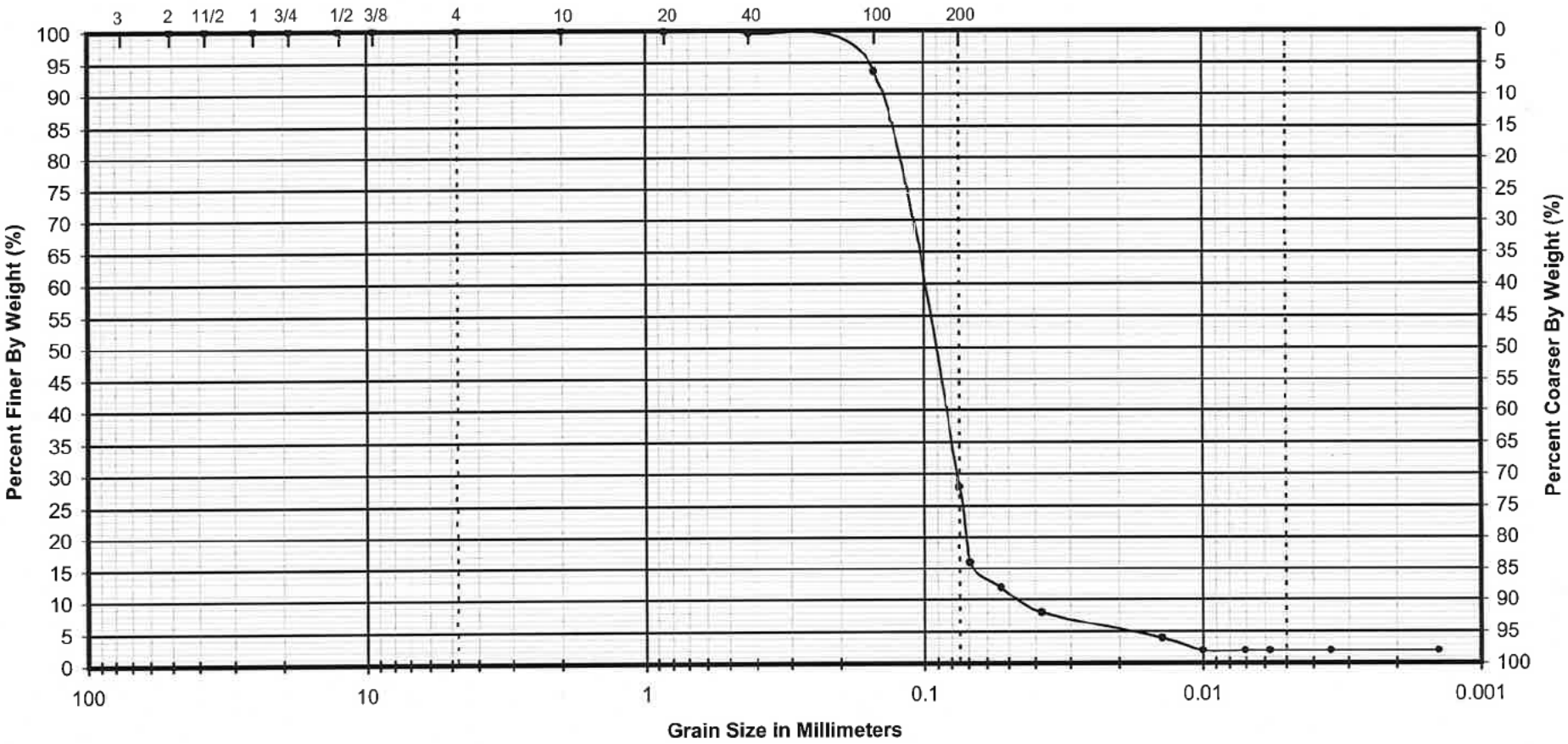

GRAVEL	SAND			SILT	CLAY
	COARSE	MEDIUM	FINE		

Boring No.	GS-10	CLASSIFICATION-ASTM D 2487	PARTICLE SIZE ANALYSIS-ASTM D 422
Sample No.	4	SILTY SAND (SM)	Jackson Harbor Dredging
Depth	6.0'-8.0'		& Modification Project
Liquid Limit	-	gray	Chicago Park District
Plastic Limit	-		Chicago, Illinois
Plasticity Index	NP		
Test By	CC	% Gravel 0.0	
Date	11/20/13	% Sand 72.1	
Reviewed By	KA	% Silt 25.9	
Job No	13158	% Clay 2.0	

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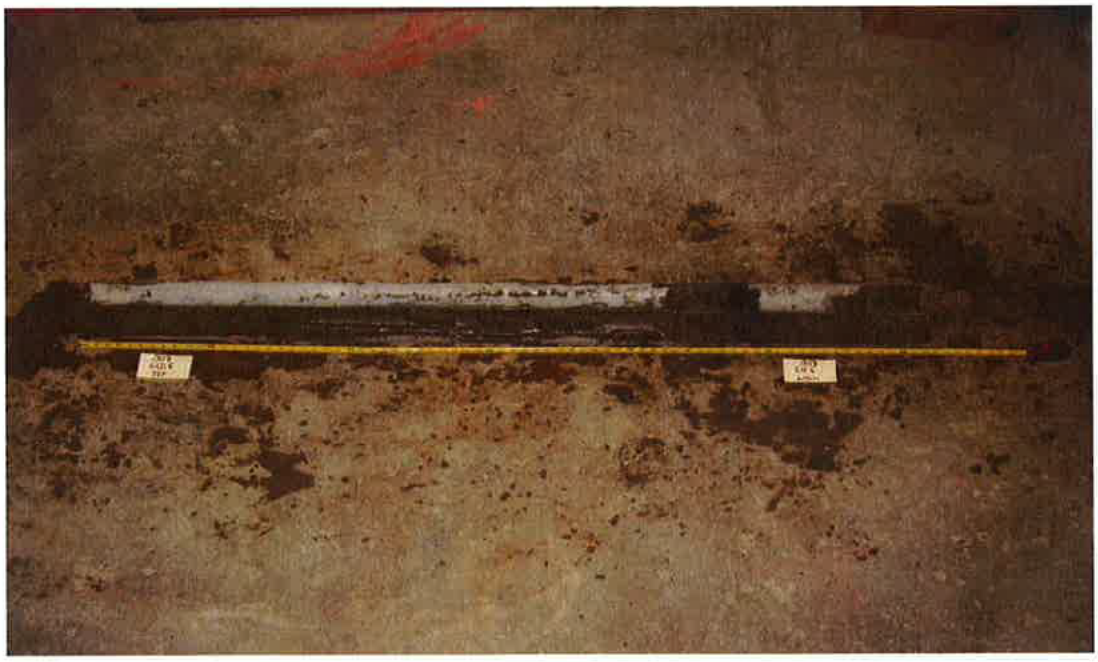
GSI-01

GSI-02

GSI-03

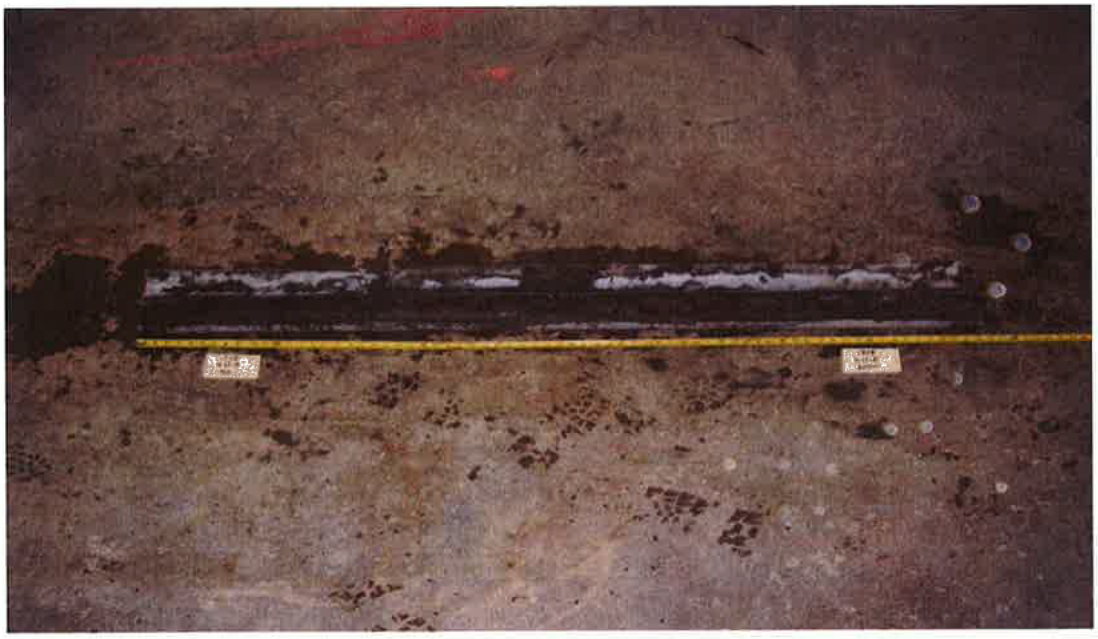
GSI-04

GSI-05

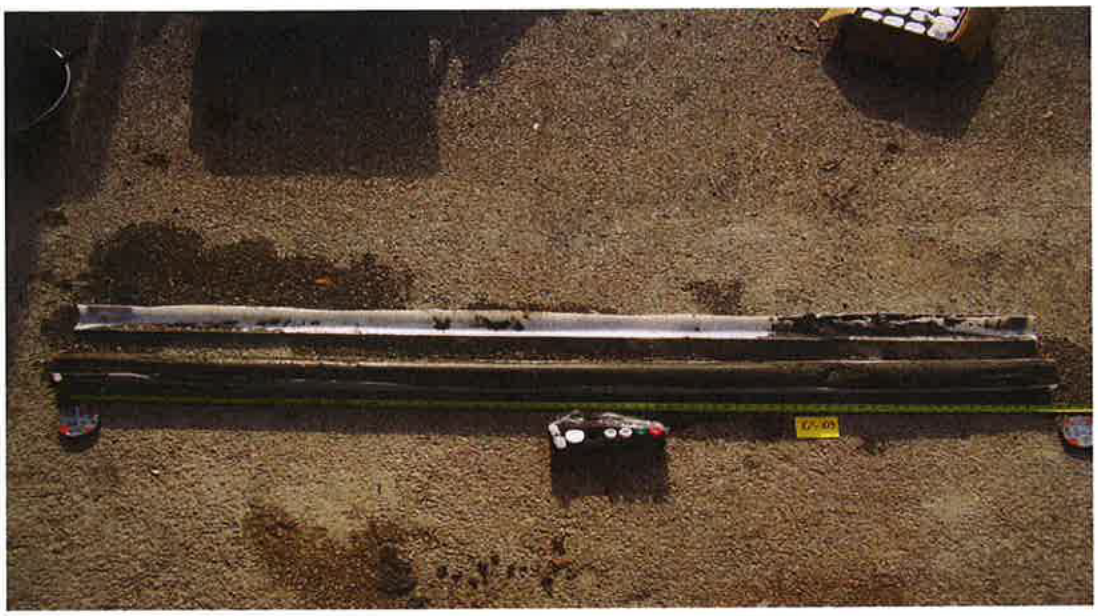


GSI-06

GSI-07



GSI-08



GSI-09

GSI-10

Appendix C – Sediment Analytical Chemical Analysis

Table 1
Semi-volatile Organic Compounds
Target Analyte List - Laboratory Analytical Results
Jackson Harbor

				Supernatant								
			Background	GS-4			GS-5			GS-9		
			Supernatant	4 hours	24 hours	48 hours	4 hours	24 hours	48 hours	4 hours	24 hours	48 hours
Date of Sample Collection:			11/13/2011	11/8/2013	11/8/2013	11/8/2013	11/8/2013	11/8/2013	11/8/2013	11/8/2013	11/8/2013	11/8/2013
GAL Laboratory ID			3110803-04	3110803-05	3110803-06	3110803-07	3110803-08	3110803-09	3110803-10	3110803-11	3110803-12	3110803-13
SVOCs (8270C)	**Units**	**Rep. Limit**										
1,2,4-Trichlorobenzene	ug/L	12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12
1,2-Dichlorobenzene	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
1,3-Dichlorobenzene	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
1,4-Dichlorobenzene	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4,5-Trichlorophenol	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4,6-Trichlorophenol	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4-Dichlorophenol	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4-Dimethylphenol	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4-Dinitrophenol	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4-Dinitrotoluene	ug/L	0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
2,6-Dinitrotoluene	ug/L	0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
2-Chloronaphthalene	ug/L	12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12
2-Chlorophenol	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Methylnaphthalene	ug/L	12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12
2-Methylphenol	ug/L	11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11
2-Nitroaniline	ug/L	50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
2-Nitrophenol	ug/L	13	<13	<13	<13	<13	<13	<13	<13	<13	<13	<13
3,3'-Dichlorobenzidine	ug/L	20	<20	<1.30	<1.30	<1.30	<1.30	<1.30	<1.30	<1.30	<1.30	<1.30
3/4-Methylphenol	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3-Nitroaniline	ug/L	50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
4,6-Dinitro-2-methylphenol	ug/L	50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
4-Bromophenyl phenyl ether	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
4-Chloro-3-methylphenol	ug/L	20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
4-Chloroaniline	ug/L	20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
4-Chlorophenyl phenyl ether	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
4-Nitroaniline	ug/L	20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
4-Nitrophenol	ug/L	50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Acenaphthene	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acenaphthylene	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Anthracene	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo (a) anthracene	ug/L	2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Benzo (a) pyrene	ug/L	3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
Benzo (b) fluoranthene	ug/L	2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Benzo (g,h,i) perylene	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo (k) fluoranthene	ug/L	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Benzyl alcohol	ug/L	20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Bis(2-chloroethoxy)methane	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Bis(2-chloroethyl)ether	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Bis(2-chloroisopropyl)ether	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Bis(2-ethylhexyl)phthalate	ug/L	5	<05	<05	<05	<05	<05	<05	<05	<05	<05	<05
Butyl benzyl phthalate	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Carbazole	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Chrysene	ug/L	3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
Dibenz (a,h) anthracene	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dibenzofuran	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Diethyl phthalate	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dimethyl phthalate	ug/L	50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Di-n-butyl phthalate	ug/L	11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11
Di-n-octyl phthalate	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Fluoranthene	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Fluorene	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Hexachlorobenzene	ug/L	3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
Hexachlorobutadiene	ug/L	11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11
Hexachlorocyclopentadiene	ug/L	12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12
Hexachloroethane	ug/L	0.8	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
Indeno(1,2,3-cd)pyrene	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Isophorone	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Naphthalene	ug/L	12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12
Nitrobenzene	ug/L	12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12
N-Nitrosodi-n-propylamine	ug/L	0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
N-Nitrosodiphenylamine	ug/L	4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
Pentachlorophenol	ug/L	2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Phenanthrene	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Phenol	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Pyrene	ug/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

ug/L = micrograms per liter

Table 2
Metals and General Chemistry
Target Analyte List - Laboratory Analytical Results
Jackson Harbor

Field Sample ID			Background	GS-4			GS-5			GS-9		
			Supernatant	4 hours	24 hours	48 hours	4 hours	24 hours	48 hours	4 hours	24 hours	48 hours
Date of Sample Collection:			11/13/2011	11/8/2013	11/8/2013	11/8/2013	11/8/2013	11/8/2013	11/8/2013	11/8/2013	11/8/2013	11/8/2013
GAL Sample ID			3110803-04	3110803-05	3110803-06	3110803-07	3110803-08	3110803-09	3110803-10	3110803-11	3110803-12	3110803-13
Total Metals (6010B)	**Units**	**Rep. Limit**										
Arsenic	mg/L	0.002	<0.002	0.003	<0.002	0.003	<0.002	0.002	0.003	0.003	<0.002	<0.002
Cadmium	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium	mg/L	0.001	<0.001	0.004	0.001	0.001	0.003	0.002	0.001	0.008	0.002	0.002
Copper	mg/L	0.001	<0.001	0.004	0.002	0.002	0.003	0.002	0.002	0.008	0.004	0.002
Lead	mg/L	0.002	0.004	0.016	0.007	0.006	0.011	0.009	0.01	0.021	0.007	0.007
Nickel	mg/L	0.001	0.001	0.006	0.003	0.004	0.004	0.003	0.003	0.009	0.004	0.004
Zinc	mg/L	0.005	<0.005	0.009	<0.005	<0.005	0.007	<0.005	<0.005	0.024	<0.005	<0.005
Total Metals (7470A)	**Units**	**Rep. Limit**										
Mercury	mg/L	0.050	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Wet Chemistry	**Units**	**Rep. Limit**										
Total Hardness, as CaCO3	mg/L	5	109	135	144	137	140	112	120	142	113	111
Total Dissolved Solids	mg/L	10	170	318	186	166	184	162	130	144	136	130
Total Suspended Solids	mg/L	1	<1	109	10	9	56	13	9	179	9	7
Total Volatile Solids	mg/L	10	55	61	31	39	52	160	71	54	65	143
Ammonia (as N)	mg/L	0.1	<0.1	4.84	4.84	4.89	4.54	4.65	4.57	7.1	8.72	7.51
Phosphate (Total as P)	mg/L	0.01	0.43	0.011	0.03	0.04	<0.010	0.04	0.01	0.01	0.04	0.03

mg/L = milligrams per Liter

Table 3
Pesticides
Laboratory Analytical Results
Jackson Harbor

				Supernatant								
			Background	GS-4			GS-5			GS-9		
			Supernatant	4 hours	24 hours	48 hours	4 hours	24 hours	48 hours	4 hours	24 hours	48 hours
Date of Sample Collection:			11/13/2011	11/8/2013	11/8/2013	11/8/2013	11/8/2013	11/8/2013	11/8/2013	11/8/2013	11/8/2013	11/8/2013
GAL Laboratory ID			3110803-04	3110803-05	3110803-06	3110803-07	3110803-08	3110803-09	3110803-10	3110803-11	3110803-12	3110803-13
Pesticides (8081A)	**Units**	**Rep. Limit**										
4,4'-DDD	ug/L	0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
4,4'-DDE	ug/L	0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
4,4'-DDT	ug/L	0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
Aldrin	ug/L	0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
alpha-BHC	ug/L	0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
beta-BHC	ug/L	0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
Chlordane	ug/L	0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
delta-BHC	ug/L	0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
Dieldrin	ug/L	0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Endosulfan I	ug/L	0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
Endosulfan II	ug/L	0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Endosulfan sulfate	ug/L	0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Endrin	ug/L	0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Endrin aldehyde	ug/L	0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Endrin ketone	ug/L	0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
gamma-BHC (Lindane)	ug/L	0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
Heptachlor	ug/L	0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
Heptachlor epoxide	ug/L	0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
Methoxychlor	ug/L	0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
Toxaphene	ug/L	0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16

ug/L = micrograms per liter

Table 4
Pesticides and PCBs
Target Analyte List - Laboratory Analytical Results
Jackson Harbor

	Field Sample ID		GS-4	GS-5	GS-9	Tier 1 Residential Soil Cleanup Objectives		Soil Component of the Groundwater Ingestion Exposure Route Values	
	Date of Sample Collection:		11/8/2013	11/8/2013	11/8/2013				
	GAL Sample ID		3110803-01	3110803-02	3110803-03	Ingestion	Inhalation		
Pesticides (8081A)	**Units**	**Rep. Limit**						**Class I**	**Class II**
4,4´-DDD	ug/kg dry	16.00	<16.0	<16.0	<16.0	3,000	NE	16,000	80,000
4,4´-DDE	ug/kg dry	16.00	<16.0	<16.0	<16.0	2,000	NE	54,000	270,000
4,4´-DDT	ug/kg dry	16.00	<16.0	<16.0	<16.0	2,000	NE	32,000	160,000
Aldrin	ug/kg dry	8.00	<8.01	<8.04	<8.07	40	3,000	500	2,500
alpha-BHC	ug/kg dry	0.13	<0.14	<0.17	<0.20	100	800	0.5	3
Aroclor-1016	ug/kg dry	80.00	<80.0	<80.0	<80.0	1,000	NE	NE	NE
Aroclor-1221	ug/kg dry	80.00	<80.0	<80.0	<80.0	1,000	NE	NE	NE
Aroclor-1232	ug/kg dry	80.00	<80.0	<80.0	<80.0	1,000	NE	NE	NE
Aroclor-1242	ug/kg dry	80.00	<80.0	<80.0	<80.0	1,000	NE	NE	NE
Aroclor-1248	ug/kg dry	80.00	<80.0	<80.0	<80.0	1,000	NE	NE	NE
Aroclor-1254	ug/kg dry	160.00	<160	<160	<160	1,000	NE	NE	NE
Aroclor-1260	ug/kg dry	160.00	<160	<160	<160	1,000	NE	NE	NE
beta-BHC	ug/kg dry	8.00	<8.01	<8.04	<8.07	NE	NE	NE	NE
Chlordane	ug/kg dry	80.00	<80.1	<80.4	<80.7	1,800	7,200	10,000	48,000
delta-BHC	ug/kg dry	8.00	<8.1	<8.4	<8.7	NE	NE	NE	NE
Dieldrin	ug/kg dry	16.00	<16.1	<16.4	<16.7	40	1,000	4	20
Endosulfan I	ug/kg dry	8.00	<8.01	<8.04	<8.07	NE	NE	NE	NE
Endosulfan II	ug/kg dry	16.00	<16.0	<16.0	<16.0	NE	NE	NE	NE
Endosulfan sulfate	ug/kg dry	16.00	<16.0	<16.0	<16.0	NE	NE	NE	NE
Endrin	ug/kg dry	16.00	<16.0	<16.0	<16.0	23,000	NE	1,000	5,000
Endrin aldehyde	ug/kg dry	16.00	<16.0	<16.0	<16.0	NE	NE	NE	NE
Endrin ketone	ug/kg dry	16.00	<16.0	<16.0	<16.0	NE	NE	NE	NE
gamma-BHC (Lindane)	ug/kg dry	8.00	<8.00	<8.00	<8.00	500	NE	9	47
Heptachlor	ug/kg dry	8.00	<8.00	<8.00	<8.00	100	100	23,000	110,000
Heptachlor epoxide	ug/kg dry	8.00	<8.00	<8.00	<8.00	70	5,000	700	3,300
Methoxychlor	ug/kg dry	80.00	<80.1	<80.4	<80.7	390,000	NE	160,000	780,000
Toxaphene	ug/kg dry	160.00	<161	<164	<167	600	89,000	31,000	150,000

ug/kg = micrograms per kilograms

Table 5
Metals and Cyanide in Sediment
Laboratory Analytical Results - Target Analyte List
Jackson Harbor

Field Sample ID:			GS-4	GS-5	GS-9	Tier 1 Residential Soil Cleanup Objectives		Soil Component of the Groundwater Ingestion Exposure Route Values	
Date of Sample Collection:			11/8/2013	11/8/2013	11/8/2013				
GAL Sample ID			3110803-01	3110803-02	3110803-03	Ingestion (mg/kg)	Inhalation (mg/kg)	Class I	Class II
Cyanide, Total (4500CN,C,E)									
	Units	Rep. Limit							
Cyanide, Total	mg/kg	0.10	8.68	0.11	0.13	1,600	NE	40	120
Total Metals (6010B)									
Aluminum	mg/kg	5.0	3,630	1,800	1,710	NE	NE	NE	NE
Antimony	mg/kg	1.0	<1.0	<1.0	<1.0	31	NE	5	20
Arsenic	mg/kg	0.2	7.0	4.6	3.8	13	750	30	120
Barium	mg/kg	0.1	22.8	11.0	10.0	5,500	690,000	1,800	1,800
Beryllium	mg/kg	0.1	0.5	0.4	0.4	160	1,300	1,000	130,000
Cadmium	mg/kg	0.1	1.6	0.8	0.8	78	1,800	59	590
Calcium	mg/kg	10	46,000	42,700	47,300	NE	NE	NE	NE
Chromium	mg/kg	0.1	7.8	5.1	4.3	230	270	32	NE
Cobalt	mg/kg	0.1	5.3	3.2	2.9	4,700	NE	NE	NE
Copper	mg/kg	0.1	18.1	8.0	7.0	2,900	NE	330,000	330,000
Iron	mg/kg	1.0	10700	6020	5400	NE	NE	NE	NE
Lead	mg/kg	0.2	33.7	18.2	14.6	400	NE	107	1,420
Magnesium	mg/kg	10	27,100	25,900	29,200	325,000	NE	NE	NE
Manganese	mg/kg	0.1	339	216	220	1,600	69,000	NE	NE
Nickel	mg/kg	0.1	11.8	6.0	5.5	1,600	13,000	700	14,000
Potassium	mg/kg	10	1,270	714	563	NE	NE	NE	NE
Selenium	mg/kg	0.2	<0.2	<0.2	<0.2	390	NE	3.3	3.3
Silver	mg/kg	0.1	<1.0	<1.0	<1.0	390	NE	39	NE
Sodium	mg/kg	10	208	102	102	NE	NE	NE	NE
Thallium	mg/kg	1.0	<1.0	<1.0	<1.0	6.3	NE	3.4	34
Vanadium	mg/kg	1.0	11.0	7.7	6.4	550	NE	980	NE
Zinc	mg/kg	0.5	62.9	36.1	39.1	23,000	NE	16,000	32,000
Total Metals (7470A)									
	Units	Rep. Limit							
Mercury	mg/kg	0.05	0.13	<0.05	<0.05	23	10	6.4	32

mg/kg = milligrams per kilogram
NE - Not Established
Source of Cleanup Objectives - 35 IAC 742 Appendix B Table A Tier 1 Remediation Objectives for Residential Properties

Table 6
Volatile Organic Compounds in Sediment
Laboratory Analytical Results
Jackson Harbor

Field Sample ID:			GS-4	GS-5	GS-9	Tier 1 Residential Soil Cleanup Objectives		Soil Component of the Groundwater Ingestion Exposure Route Values	
Date of Sample Collection:			11/8/2013	11/8/2013	11/8/2013				
GAL Sample ID			3110803-01	3110803-02	3110803-03	Ingestion (mg/kg)	Inhalation (mg/kg)	Class I	Class II
Volatile Organic Compounds (8260B)									
	Units	Rep. Limit							
Acetone	ug/kg	100.0	<100	<100	<100	70,000,000	100,000,000	25,000	25,000
Benzene	ug/kg	2.0	<2.0	<2.0	<2.0	12,000	800	30	170
Bromodichloromethane	ug/kg	2.0	<2.0	<2.0	<2.0	10,000.00	3,000,000.00	600	600
Bromoform	ug/kg	2.0	<2.0	<2.0	<2.0	81,000	53,000	800	800
Bromomethane	ug/kg	5.0	<5	<5	<5	NE	NE	NE	NE
2-Butanone	ug/kg	5.0	<5	<5	<5	NE	NE	NE	NE
Carbon disulfide	ug/kg	5.0	<5	<5	<5	7,800,000	720,000	32,000	160,000
Carbon tetrachloride	ug/kg	5.0	<5	<5	<5	5,000	300	70	330
Chlorobenzene	ug/kg	5.0	<5	<5	<5	160,000	130,000	1,000	6,500
Chloroethane	ug/kg	5.0	<5	<5	<5	NE	NE	NE	NE
Chloroform	ug/kg	5.0	<5	<5	<5	100,000	300	600	2,900
Chloromethane	ug/kg	5.0	<5	<5	<5	NE	NE	NE	NE
Dibromochloromethane	ug/kg	5.0	<5	<5	<5	NE	NE	NE	NE
1,1-Dichloroethane	ug/kg	5.0	<5	<5	<5	7,800,000	1,300,000	23	110
1,2-Dichloroethane	ug/kg	5.0	<5	<5	<5	7,000	400	20	100
1,1-Dichloroethene	ug/kg	5.0	<5	<5	<5	3,900,000	290,000	60	300
cis-1,2-Dichloroethene	ug/kg	5.0	<5	<5	<5	780,000	1,200,000	400	1100
trans-1,2-Dichloroethene	ug/kg	5.0	<5	<5	<5	1,600,000	3,100,000	700	3400
1,2-Dichloropropane	ug/kg	5.0	<5	<5	<5	9,000	15,000	30	150
cis-1,3-Dichloropropene	ug/kg	2.0	<2.0	<2.0	<2.0	6,400	1,100	4	20
trans-1,3-Dichloropropene	ug/kg	2.0	<2.0	<2.0	<2.0	6,400	1,100	4	20
Ethylbenzene	ug/kg	5.0	<5	<5	<5	7,800,000	400,000	13	19
2-Hexanone	ug/kg	5.0	<5	<5	<5	NE	NE	NE	NE
4-Methyl-2-pentanone	ug/kg	5.0	<5	<5	<5	NE	NE	NE	NE
Methylene chloride	ug/kg	5.0	<5	<5	<5	85,000	13,000	20	200
Methyl tert-butyl ether	ug/kg	5.0	<5	<5	<5	780,000	8,800,000	320	320
Styrene	ug/kg	5.0	<5	<5	<5	16,000,000	1,500,000	4,000	18,000
1,1,2,2-Tetrachloroethane	ug/kg	5.0	<5	<5	<5	NE	NE	NE	NE
Tetrachloroethene	ug/kg	2.0	<2.0	<2.0	<2.0	12,000	11,000	60	300
Toluene	ug/kg	5.0	<5	<5	<5	16,000,000	650,000	12,000	29,000
1,1,1-Trichloroethane	ug/kg	5.0	<5	<5	<5	NE	1,200,000	2,000	96,000
1,1,2-Trichloroethane	ug/kg	5.0	<5	<5	<5	310,000	1,800,000	20	300
Trichloroethene	ug/kg	2.0	<2.0	<2.0	<2.0	58,000	5,000	60	300
Vinyl chloride	ug/kg	2.0	<2.0	<2.0	<2.0	460	280	10	70
Xylenes, Total	ug/kg	5.0	<5	<5	<5	16,000,000	320,000	150,000	150,000

ug/kg = micrograms per kilogram
NE - Not Established
Source of Cleanup Objectives - 35 IAC 742 Appendix B Table A Tier 1 soil Remediation Objectives for Residential Properties

Table 7
Herbicides in Sediment
Laboratory Analytical Results
Jackson Harbor

Field Sample ID:			GS-4	GS-5	GS-9	Tier 1 Residential Soil Cleanup Objectives		Soil Component of the Groundwater Ingestion Exposure Route Values	
Date of Sample Collection:			11/8/2013	11/8/2013	11/8/2013				
GAL Sample ID			3110803-01	3110803-02	3110803-03	Ingestion (mg/kg)	Inhalation (mg/kg)	Class I	Class II
Herbicides (8081/8082)									
	Units	Rep. Limit							
Acetochlor	ug/kg	100	<100	<100	<100	NE	NE	NE	NE
Alachlor	ug/kg	32	<32	<32	<32	8,000	NE	40	20
Aldicarb	ug/kg	100	<100	<100	<100	78,000	NE	13	70
Atrazine	ug/kg	48	<48	<48	<48	2,700,000	NE	66	330
Butylate	ug/kg	200	<200	<200	<200	NE	NE	NE	NE
Carbofuran	ug/kg	200	<200	<200	<200	390,000	NE	220	1,100
Cyanazine	ug/kg	200	<200	<200	<200	NE	NE	NE	NE
Disulfoton	ug/kg	100	<100	<100	<100	NE	NE	NE	NE
EPTC	ug/kg	100	<100	<100	<100	NE	NE	NE	NE
Ethalfluralin	ug/kg	100	<100	<100	<100	NE	NE	NE	NE
Famphur	ug/kg	100	<100	<100	<100	NE	NE	NE	NE
Metolachlor	ug/kg	200	<200	<200	<200	NE	NE	NE	NE
Metribuzin	ug/kg	100	<100	<100	<100	NE	NE	NE	NE
Parathion	ug/kg	100	<100	<100	<100	NE	NE	NE	NE
Pendimethalin	ug/kg	100	<100	<100	<100	NE	NE	NE	NE
Phorate	ug/kg	100	<100	<100	<100	NE	NE	NE	NE
Prometon	ug/kg	200	<200	<200	<200	NE	NE	NE	NE
Simazine	ug/kg	32	<32	<32	<32	390,000	1,500,000	40	370
Trifluralin	ug/kg	100	<100	<100	<100	NE	NE	NE	NE
Herbicides (8321A)									
2,4,5-TP (Silvex)	mg/kg	0.0041	<0.0041	<0.0041	<0.0041	7,800	NE	11	55
2,4-D	mg/kg	0.0041	<0.0041	<0.0041	<0.0041	NE	NE	NE	NE

ug/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
Source of Cleanup Objectives - 35 IAC 742 Appendix B Table A Tier 1 soil Remediation Objectives for Residential Properties

Table 8
Semi-volatile Organic Compounds in Sediment
Laboratory Analytical Results
Jackson Harbor

Field Sample ID:			GS-4	GS-5	GS-9	Tier 1 Residential Soil Cleanup Objectives		Soil Component of the Groundwater Ingestion Exposure Route Values		Background for Metropolitan Areas
Date of Sample Collection:			11/8/2013	11/8/2013	11/8/2013					
GAL Sample ID			3110803-01	3110803-02	3110803-03	Ingestion (mg/kg)	Inhalation (mg/kg)	Class I	Class II	35 IAC 742
Semi-volatile Organic Compounds (8260B)										
	Units	Rep. Limit								
1,2,4-Trichlorobenzene	mg/kg	0.66	<0.66	<0.66	<0.66	780	3,200	5	53	NE
1,2-Dichlorobenzene	mg/kg	0.66	<0.66	<0.66	<0.66	7,000	560	17	43	NE
1,3-Dichlorobenzene	mg/kg	0.2	<0.2	<0.2	<0.2	NE	NE	NE	NE	NE
1,4-Dichlorobenzene	mg/kg	0.66	<0.66	<0.66	<0.66	NE	11,000	2	11	NE
2,4,5-Trichlorophenol	mg/kg	0.66	<0.66	<0.66	<0.66	NE	NE	NE	NE	NE
2,4,6-Trichlorophenol	mg/kg	0.12	<0.12	<0.12	<0.12	NE	NE	NE	NE	NE
2,4-Dichlorophenol	mg/kg	0.66	<0.66	<0.66	<0.66	NE	NE	NE	NE	NE
2,4-Dimethylphenol	mg/kg	1.3	<1.3	<1.3	<1.3	1,600	NE	9	9	NE
2,4-Dinitrophenol	mg/kg	0.18	<0.18	<0.18	<0.18	NE	NE	NE	NE	NE
2,4-Dinitrotoluene	mg/kg	0.13	<0.13	<0.13	<0.13	0.9	NE	0.0008	0.0008	NE
2,6-Dinitrotoluene	mg/kg	0.11	<0.11	<0.11	<0.11	0.9	NE	0.0007	0.0007	NE
2-Chloronaphthalene	mg/kg	0.66	<0.66	<0.66	<0.66	NE	NE	NE	NE	NE
2-Chlorophenol	mg/kg	0.66	<0.66	<0.66	<0.66	NE	NE	NE	NE	NE
2-Methylnaphthalene	mg/kg	0.66	<0.66	<0.66	<0.66	NE	NE	NE	NE	NE
2-Methylphenol	mg/kg	2.30	<2.3	<2.3	<2.3	3,900	NE	15	15	NE
2-Nitroaniline	mg/kg	0.12	<0.12	<0.12	<0.12	NE	NE	NE	NE	NE
2-Nitrophenol	mg/kg	0.66	<0.66	<0.66	<0.66	NE	NE	NE	NE	NE
3,3'-Dichlorobenzidine	mg/kg	1.30	<1.3	<1.3	<1.3	1	NE	0.007	0.033	NE
3/4-Methylphenol	mg/kg	0.16	<0.16	<0.16	<0.16	NE	NE	NE	NE	NE
3-Nitroaniline	mg/kg	0.15	<0.15	<0.15	<0.15	NE	NE	NE	NE	NE
4,6-Dinitro-2-methylphenol	mg/kg	2.00	<2	<2	<2	NE	NE	NE	NE	NE
4-Bromophenyl phenyl ether	mg/kg	0.66	<0.66	<0.66	<0.66	NE	NE	NE	NE	NE
4-Chloro-3-methylphenol	mg/kg	1.30	<1.3	<1.3	<1.3	NE	NE	NE	NE	NE
4-Chloroaniline	mg/kg	0.14	<0.14	<0.14	<0.14	310	NE	0.7	0.7	NE
4-Chlorophenyl phenyl ether	mg/kg	0.66	<0.66	<0.66	<0.66	NE	NE	NE	NE	NE
4-Nitroaniline	mg/kg	0.12	<0.12	<0.12	<0.12	NE	NE	NE	NE	NE
4-Nitrophenol	mg/kg	3.30	<3.3	<3.3	<3.3	NE	NE	NE	NE	NE
Acenaphthene	mg/kg	0.66	<0.66	<0.66	<0.66	4,700	NE	570	2,900	0.13
Acenaphthylene	mg/kg	0.66	<0.66	<0.66	<0.66	NE	NE	NE	NE	0.07
Anthracene	mg/kg	0.66	<0.66	1.43	0.88	23,000	NE	12,000	59,000	0.4
Benzo (a) anthracene	mg/kg	0.66	<0.66	1.38	0.79	0.9	NE	2	8	1.8
Benzo (b) fluoranthene	mg/kg	0.66	<0.66	0.91	<0.66	0.9	NE	5	25	2.1
Benzo (g,h,i) perylene	mg/kg	0.66	<0.66	<0.66	<0.66	NE	NE	NE	NE	1.7
Benzo (k) fluoranthene	mg/kg	1.8	<1.8	<1.8	<1.8	9	NE	49	250	1.7
Benzoic acid	mg/kg	1.5	<1.5	<1.5	<1.5	NE	NE	NE	NE	NE
Benzyl alcohol	mg/kg	1.3	<1.3	<1.3	<1.3	NE	NE	NE	NE	NE
Bis(2-chloroethoxy)methane	mg/kg	1.5	<15	<15	<15	NE	NE	NE	NE	NE
Bis(2-chloroethyl)ether	mg/kg	0.66	<0.66	<0.66	<0.66	0.6	0.2	0.004	0.004	NE
Bis(2-ethylhexyl)phthalate	mg/kg	0.66	<0.66	<0.66	<0.66	46	31,000	3,600	31,000	NE
Butyl benzyl phthalate	mg/kg	0.66	<0.66	<0.66	<0.66	16,000	930	930	930	NE
Carbazole	mg/kg	0.66	<0.66	<0.66	<0.66	32	NE	0.6	2.8	NE
Chrysene	mg/kg	0.66	<0.66	<0.66	<0.66	88	NE	160	800	2.7
Dibenz (a,h) anthracene	mg/kg	0.4	<0.4	<0.4	<0.4	0.1	NE	2	7.6	0.42
Dibenzofuran	mg/kg	0.66	<0.66	<0.66	<0.66	NE	NE	NE	NE	NE
Diethyl phthalate	mg/kg	0.66	<0.66	<0.66	<0.66	63,000	2,000	470	470	NE
Dimethyl phthalate	mg/kg	0.66	<0.66	<0.66	<0.66	NE	NE	NE	NE	NE
Di-n-butyl phthalate	mg/kg	0.5	<0.5	<0.5	<0.5	NE	NE	NE	NE	NE
Di-n-octyl phthalate	mg/kg	0.86	<0.89	<0.89	<0.89	1,600	10,000	10,000	10,000	NE
Fluoranthene	mg/kg	0.66	<0.66	2.79	2.01	3,100	NE	4,300	21,000	4.1
Fluorene	mg/kg	0.66	<0.66	<0.66	<0.66	3,100	NE	560	2,800	0.18
Hexachlorobenzene	mg/kg	0.66	<0.66	<0.66	<0.66	0.4	1	2	11	NE
Hexachlorobutadiene	mg/kg	0.66	<0.66	<0.66	<0.66	NE	NE	NE	NE	NE
Hexachlorocyclopentadiene	mg/kg	0.66	<0.66	<0.66	<0.66	NE	NE	NE	NE	NE
Hexachloroethane	mg/kg	0.20	<0.2	<0.2	<0.2	78	NE	0.5	2.6	NE
Indeno(1,2,3-cd)pyrene	mg/kg	0.66	<0.66	<0.66	<0.66	1	NE	14	69	1.6
Isophorone	mg/kg	0.66	<0.66	<0.66	<0.66	15,600	4,600	8	8	NE
Naphthalene	mg/kg	0.66	<0.66	<0.66	<0.66	1,600	170	12	18	0.2
Nitrobenzene	mg/kg	0.17	<0.17	<0.17	<0.17	39	92	0.1	0.1	NE
N-Nitrosodi-n-propylamine	mg/kg	0.16	<0.16	<0.16	<0.16	0.09	NE	0.00005	0.00005	NE
N-Nitrosodiphenylamine	mg/kg	0.67	<0.67	<0.67	<0.67	130	NE	1	5.6	NE
Pentachlorophenol	mg/kg	0.2	<0.2	<0.2	<0.2	NE	NE	NE	NE	NE
Phenanthrene	mg/kg	0.66	<0.66	1.8	1.5	NE	NE	NE	NE	2.5
Phenol	mg/kg	1.3	<1.3	<1.3	<1.3	23,000	NE	100	100	NE
Pyrene	mg/kg	0.66	<0.66	1.79	1.12	2,300	NE	4,200	21,000	3

mg/kg = milligrams per kilogram
NE - Not Established
Source of Cleanup Objectives - 35 IAC 742 Appendix B Table A Tier 1 soil Remediation Objectives for Residential Properties
Background Values are for metropolitan areas as defined in 35 IAC 742

Table 9
Geotechnical Soil Testing Results Summary
Jackson Harbor

Boring #	Sample #	Sample Depth	Material Description	USCS
GS-1	1	0.0' to 2.0'	Silty Sand	SM
GS-2	2	2.0' to 4.0'	Poorly Graded Sand with Silt	SP-SM
GS-3	3	4.0' to 6.0'	Silty Sand	SM
GS-4	1	0.0' to 2.0'	Poorly Graded Sand with Silt	SP-SM
GS-5	2	2.0' to 4.0'	Poorly Graded Sand with Silt	SP-SM
GS-6	3	4.0' to 6.0'	Silty Sand	SM
GS-7	2	2.0' to 4.0'	Poorly Graded Sand with Silt	SP-SM
GS-8	1	0.0' to 2.0'	Poorly Graded Sand with Silt	SP-SM
GS-9	1	0.0' to 2.0'	Poorly Graded Sand with Silt	SP-SM
GS-10	4	6.0' to 8.0'	Silty Sand	SM

Table 10
Asbestos Soil Testing Results Summary
Jackson Harbor

Boring #	Total Asbestos Structures	Density (structures/mm2)	Concentration (structures/gram)
GS-4	**11**	**8.68**	**3.28E+07**
GS-9	0	<3..11	< 8.85E+06

Appendix D – Socioeconomic Analysis

AECOM

Jackson Park Harbor Socioeconomic Analysis

Westrec Marinas

January 30 2023

Delivering a better world

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Exhibits

Exhibit 1 Jackson Park Inner Harbor (bottom) and Jackson Park Outer Harbor (top) 1

1. Introduction

Jackson Park Outer Harbor (JPO) and Jackson Park Inner Harbor (JPI) are located on the south side of Chicago, Illinois in the heart of Jackson Park. The area is known for its historic architecture, including the Jackson Park Highlands District, which is listed on the National Register of Historic Places, and the University of Chicago, which is considered one of the country's leading institutions of higher education. The Park also features La Rabida Children's Hospital, the Museum of Science and Industry, and the Osaka Garden. Construction for the Obama Presidential Center began inside the park in late 2021. Plans for the presidential center include a museum, an auditorium, a broadcast and recording studio, a Chicago Public Library, and an athletic center, among other amenities.[1]

The Harbors and the surrounding area boast a serene atmosphere and friendly community, see Exhibit 1. Approximately 40,000 people visit the harbor in a season, averaging 210 per day.[2] Many others walk and exercise at the perimeter of the harbor daily. JPI and JPO are home to the Southern Shore Yacht Club and the Jackson Park Yacht Club, respectively. Sailing school students also utilize the amenities of the harbor.

Exhibit 1 Jackson Park Inner Harbor (bottom) and Jackson Park Outer Harbor (top)

Source: Chicago Harbors

JPO and JPI employee a total of 10 employees. Due to height restrictions of the bridge, JPI can only accommodate powerboats. JPO has 87 slips and 25 moorings. JPI has 149 slips. The 2022 revenues from these slips, moorings, and launch services totaled about $215,000 for JPO and $86,000 for JPI.

In recent years, sediment buildup has caused increasingly shallow waters within the harbors. JPO is now in desperate need of dredging in order to open in 2023. Large sailboats are having trouble getting in and out of the outer harbor, and soon it will be difficult for even small boats to put in. At low water levels, JPI could also be impacted. The Covid-19 pandemic induced a surge of participation at the harbors, and in outdoor activities altogether. However, buildup of sand/sediment has made it increasingly difficult for large sailboats to enter the outer harbor, and this is seen in occupancy, as occupancy percentages decreased from 97.3% in 2021 to 84.8% in 2022.

[1] Evans, M. (2021, September 29). Obama Presidential Center Breaks Ground with former president and first lady in Chicago. Block Club Chicago.
[22] Chicago Harbors, 2023

Without the dredging, the harbor will close. This would be problematic for both the City and local communities, and detrimentally impact the sailing community as these harbors are a cost-effective way for individuals to boat in the city of Chicago. Many customers would be lost to the Chicago Harbors network altogether if the alternative was relocating to one of the more expensive harbors.

The current permit for dredging requires that the dredged material would need to be placed in an upland area and covered with 1’ of soil. This requires the dredged material be transported inland and disposed of in a landfill. However, this is costly and there is a more productive alternative. The dredged material is clean sand that meets the regulatory requirements to be deposited in Lake Michigan, just south of JPO, where it can nourish the beaches located to the south.

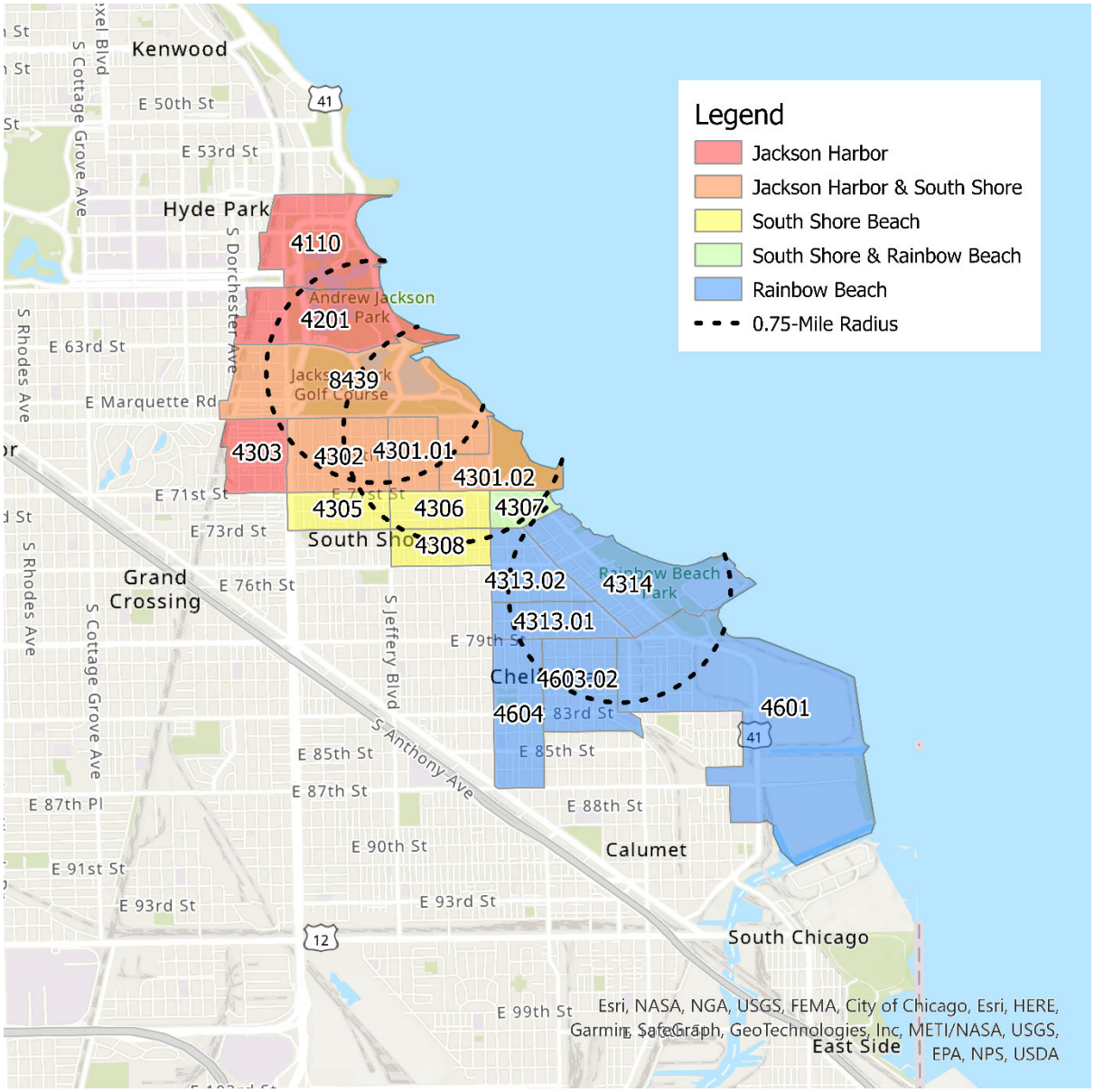
The proposed location of the lake disposal of the dredged clean sand will add sand to the littoral drift which flows predominately to the south. Currently, sand in the littoral drift is interrupted by deposition at Jackson Harbor as well as by many manmade structures to the north. The sand would improve the conditions at Rainbow Beach by helping to build a wider and more stable beach. This in turn would help reduce erosion and improve the habitat at the Rainbow Beach Dunes Natural Habitat Area.

Following dredging, activity at the harbors would be boosted by the ability to host events, such as regattas and races, and the increased capacity to host individuals coming in for transient dockage from other harbors. The beaches downstream would be improved and thus the neighboring communities with them. In Section 2 the composition of the affected communities surrounding the harbor, Rainbow Beach, and South Shore Beach (located in between the harbors and Rainbow Beach) is discussed. In Section 3, provides cost estimates for disposal of dredged material in the lake and inland. Finally, Section 4 provides a summary of the analysis.

2. Demographics of Affected Communities

An approximate mile radius from Jackson Harbor, South Shore Beach, and Rainbow Beach was considered in identifying the affected census tracts for each focus area. Data from the U.S. Census Bureau (2021 American Community Survey 5-year Estimates) estimates were collected for the state of Illinois, the city of Chicago, and 17 census tracts. In total, the population of the 17 affected tracts was about 58,600 people. Estimates were considered on the tract level and the focus area level, relative to the state and city averages. Focus area level estimates were aggregated, with averages weighted by the population of the tracts, from the impacted census tracts and divided into three focus areas: Jackson Harbor, South Shore Beach, and Rainbow Beach. At each location, an approximate three-quarter mile radius was applied to select the tracts most impacted by the harbors and/or beaches. Figure 2-1 below depicts the affected census tracts and the focus areas they were assigned to; overlap in identification can be seen for several tracts.

Figure 2-1 Map of Affected Census Tracts



Each of the three focus areas, on an individual level, make up less than 1% of Chicago's total population. Nonetheless, the focus areas have a distinct composition from the city as whole. As can be seen in Table 2-1, median age for the communities of Jackson Harbor and South Shore Beach are comparable to Illinois, and about four years older than Chicago as a whole. Rainbow Beach median age is about a year younger than Chicago, and four years older than the state. At the focus area level, these differences do not seem drastic. However, at a tract level, median age ranges from 23.9 years (Census Tract 4303) to 48.8 years (Census Tract 8439) and both of these extremes fall within the Jackson Harbor community.

Table 2-1 Population and Age Distribution of Focus Areas

Category	Illinois	Chicago city, Illinois	Average Jackson Harbor Affected Tracts	Average South Shore Beach Affected Tracts	Average Rainbow Beach Affected Tracts
Total Population	12,821,813	2,742,119	23,285	26,333	27,355
Under 18 years	2,887,351 (22.5%)	559,031 (20.4%)	4,046 (17.4%)	4,800 (18.2%)	7,170 (26.2%)
65 years and over	2,012,735 (15.7%)	350,443 (12.8%)	4,181 (18.0%)	4,136 (15.7%)	3,247 (11.9%)
Median age (years)	38.5	35.1	39.4	39.4	34.0

Source: 2021 ACS 5-Year Estimates

Approximately 26% of the Rainbow Beach focus area is under the age of 18, about four percentage points higher than the state of Illinois as a whole. However, certain tracts are more impacted than others. Within the affected tracts, percentage of the population below 18 ranges from 11.4% (Census Tract 4301.02) to 41.5% (Census Tract 4303). Both extremes from this range reside within the Jackson Harbor area.

The same trend follows for the 65+ portion of the population with 15.7% and 12.8% of the population of the state of Illinois and the city of Chicago, respectively, at 65 years and over. For the affected census tracts, this percentage ranges from 2.9% (Census Tract 4303) to 28.9% (Census Tract 4110), again with both ends of the spectrum residing with the defined Jackson Harbor area. As a result of this age distribution, several tracts have higher age dependency ratios than the state or city as a whole. It is also worth noting that four affected census tracts, Census Tract 4110, 4201, 4313.01 and 8439, are more than 60% female.

Unemployment rates and poverty rates are significantly higher and median income is significantly lower in the focus areas, as can be seen in Table 2-2. The unemployment rates in Jackson Harbor, South Shore Beach, and Rainbow Beach all more than double that of the state of Illinois. The same holds for poverty rates, as measured by percentage of families and people whose income in the past 12 months is below the poverty level. Rainbow Beach averages almost 36% of all people living in poverty, drastically more than Illinois' 11.8% and Chicago's 17.1%. On the tract level, the range for all families living below the poverty level in the affected tracts is 9.4% (Census Tract 4302) to 59.8% (Census Tract 4313.02) and most tracts are above 20%. The range for all people living below the poverty level in the affected tracts is 20.4% (Census Tract 8439) to 59.8% (Census Tract 4313.02).

Table 2-2 Employment, Income, and Poverty Rates of Focus Areas

Category	Illinois	Chicago city, Illinois	Average Jackson Harbor Affected Tracts	Average South Shore Beach Affected Tracts	Average Rainbow Beach Affected Tracts
Unemployment Rate	6.2%	8.4%	13.7%	15.5%	18.0%
Median household income (dollars)	$72,563	$65,781	$38,632	$35,431	$38,156
Median family income (dollars)	$91,408	$79,434	$56,585	$47,351	$42,148
PERCENTAGE OF FAMILIES AND PEOPLE WHOSE INCOME IN THE PAST 12 MONTHS IS BELOW THE POVERTY LEVEL					
All families	8.3%	13.3%	19.0%	21.2%	32.0%
All people	11.8%	17.1%	28.2%	28.8%	35.8%

Source: 2021 ACS 5-Year Estimates

Median household income in the three focus areas is nearly half that of Illinois state as a whole, see Table 2-2. Median household income is $72,563 for Illinois and $65,781 for Chicago. For the affected census tracts, median household income ranges from $19,608 (Census Tract 4201) to $59,688 (Census Tract 4604)--even the highest income census tract falls below the city and state medians. Median family income for the affected census tracts ranges from $26,250 (Census Tract 4313.02) to $108,802 (Census Tract 4110). Only two tracts, Census Tract 4110 and 8439, estimate higher median family income than the City of Chicago ($79,434) and Census Tract 8439, at $83,354, is still below the median income for Illinois, $91,408.

The proportion of population identifying as “Black or African American alone” is 14.1% for the state of Illinois and 29.2% for the city of Chicago, see Table 2-3. For Jackson Harbor, South Shore Beach, and Rainbow Beach, this proportion is 82.8%, 92.7%, and 89.3%, respectively. The large majority of the affected focus areas is Black, with only two affected census tracts falling below 80%: Census Tract 4110 (38.9%) and Census Tract 4601 (78.0%). The weighted average across all affected tracts was 87.7%. Census Tract 4110 had 10.7% of the population identify as “Asian alone,” notably higher than Illinois’ 5.7% and Chicago’s 6.8%. Census Tract 4201 had 6.4% of the population identify as “Two races excluding Some other race, and three or more races,” notably higher than 2.5% in Illinois and Chicago.

Table 2-3 Race and Ethnicity Composition of Focus Areas

Category	Illinois	Chicago city, Illinois	Average Jackson Harbor Affected Tracts	Average South Shore Beach Affected Tracts	Average Rainbow Beach Affected Tracts
White alone	67.8%	45.3%	10.7%	4.4%	6.1%
Black or African American alone	14.1%	29.2%	82.8%	92.7%	89.3%
American Indian and Alaska Native alone	0.3%	0.5%	0.4%	0.1%	0.0%
Asian alone	5.7%	6.8%	2.5%	0.7%	0.8%
Native Hawaiian and Other Pacific Islander alone	0.0%	0.0%	0.0%	0.0%	0.0%
Some other race alone	6.2%	10.7%	1.6%	0.6%	1.9%
Two or more races:	5.8%	7.4%	2.0%	1.6%	1.9%
Two races including Some other race	3.4%	4.9%	0.3%	0.3%	0.7%
Two races excluding Some other race, and three or more races	2.5%	2.5%	1.7%	1.3%	1.2%
Hispanic or Latino (of any race)	17.5%	28.7%	3.3%	2.5%	4.9%

Source: 2021 ACS 5-Year Estimates

In summary, communities of concern exist within the project area and need to be considered as the affected tracts have higher incidences of unemployment and all people and families living below the poverty level, larger proportions of minority races, and higher ratios of age dependency relative to both Chicago and Illinois. Without the in-lake dredging project, these vulnerable communities would experience further degradation of their harbor and local beach, both of which are positive amenities within their community.

3. Project Costs

The following is a comparison of annual dredging costs for in-lake disposal versus inland disposal for a typical 10,000 cubic yard (cyd) effort (matches permit application quantity):

A. In-Lake Dredged Sand disposal cost budget: (Source: Kadinger)

• Barge & Dredging equipment Mobilization	$60,000
• Trucking Mobilization	$0
• Dredging and In-Lake Placement (10k cyd 2.5 mi round trip)	$350,000
• **Total Cost**	**$410,000**

B. Inland Dredged Sand disposal cost budget: (Source: Kadinger)

• Barge & Dredging equipment Mobilization	$60,000
• Trucking Mobilization	$20,000
• Barge Dredging w/ haul to truck transfer (10k cyd 20$/cyd)	$200,000
• Dredging with 40-mile round trip to CCCD landfill	$500,000
• **Total Cost**	**$780,000**

The added annual costs in taking dredged material inland versus depositing half mile away in water are approximately $370,000 (2022 dollars). Inland disposal also creates emissions and added wear and tear on the city streets, and the closest facility that accepts dredged material is about 11 miles away via interior roads (use of trucks on Lakeshore Dr. is restricted).

Another loss of inland disposal is missing the benefit of beach nourishment resulting from in-lake disposal. The beach nourishment caused by in-lake sand disposal would improve the beach for public use, as well as protect the Rainbow Beach Dunes Natural Habitat Area from erosion.

4. Summary

The Jackson Park Harbors are beloved assets to both visitors and adjacent communities. The harbors provide employment and generate revenue from slip rental, boat launching, and other services. Without dredging, JPO, and possibly JPI, would close. While different dredging alternative have been considered, in-lake sand disposal is the most cost-effective option and it would have the added benefit of nourishing the sediment-starved Rainbow Beach south of the harbor (and possibly South Shore Beach as well).

The communities surrounding the harbors and the two beaches experience high unemployment, high poverty, low incomes, high age dependency ratios, and largely identify as Black or African American. Investing in these communities is critical and to lose the amenities of their neighborhood harbors and beaches could have negative impacts. Dredging the harbor will allow continued and expanded uses, including special events such as regattas and help to maintain/nourish neighboring public beaches.

References

Evans, M. (2021, September 29). Obama Presidential Center Breaks Ground with former president and first lady in Chicago. Block Club Chicago. Retrieved January 19, 2023, from https://blockclubchicago.org/2021/09/28/obama-presidential-center-breaks-ground-with-former-president-and-first-lady-in-chicago/

Jackson Parker Inner. Chicago harbors. (n.d.). Retrieved January 12, 2023, from https://www.chicagoharbors.info/harbors/jackson-park-inner/

United States Census Bureau. 2021. American Community Survey 5-Year Estimates Subject Tables. Retrieved from: https://data.census.gov/table. (Accessed January 6, 2022).

Appendix E – Existing Permits

ILLINOIS
DEPARTMENT OF NATURAL RESOURCES

Illinois Department of
Natural Resources

One Natural Resources Way Springfield, Illinois 62702-1271
www.dnr.illinois.gov

Bruce Rauner, Governor
Wayne A. Rosenthal, Director

Office of Water Resources, Michael A. Bilandic Building, 160 N. LaSalle St., S-703, Chicago, IL 60601

March 3, 2017

Heather Gleason
Chicago Park District
541 N. Fairbanks Court
Chicago, IL 60611

Scott Stevenson
Westrec Marinas
541 N. Fairbanks Court
Chicago, IL 60611

Dear Ms. Gleason and Mr. Stevenson,

We are enclosing Illinois Department of Natural Resources, Office of Water Resources (Department) Permit No. LM2017003 and the Illinois Environmental Protection Agency's Final Determination Letter authorizing the annual dredging of Jackson Harbor, in Lake Michigan in the City of Chicago.

If any changes in the location or plans of the work are found necessary, revised plans should be submitted promptly to the Department so that approval is received prior to the beginning of the work.

If you have any questions, feel free to call me at (312) 793-5947.

Sincerely,

James P. Casey

James P. Casey, Chief
Lake Michigan Management Section

Enclosures:

Cc: Corps of Engineers (Mike Murphy) w/enclosures
IEPA (Darren Gove) w/enclosures
Chicago Department of Transportation (Oswaldo Chaves) w/enclosures
AECOM (Bill Weaver) w/enclosures

PERMIT NO. LM2017003

DATE: February 21, 2017

State of Illinois
Department of Natural Resources, Office of Water Resources

Permission is hereby granted to: **Chicago Park District and Westrec Marinas**
541 N. Fairbanks Court
Chicago, IL 60611

10-Year Maintenance Dredging Permit

To annually dredge the Jackson Harbor entrance, inner harbor and outer harbor, in Lake Michigan at 6400 S. Lake Shore Drive, Chicago, IL 60613. The project is located in the Northeast Quarter of Section 24, Township 38 North, Range 14 East, of the 3rd Principal Meridian in Cook County.

In accordance with an application dated **March 29, 2016**, and the plans and specifications entitled:

JACKSON HARBOR PROPOSED 10 YEAR DREDGING LIMITS, FIGURE 3-1, DATED MAY 20, 2014, RECEIVED MARCH 29, 2016.

Examined and Recommended:

James P. Casey

James P. Casey, Chief
Lake Michigan Management Section

Approval Recommended:

Daniel Injerd

Daniel A. Injerd, Director
Office of Water Resources

Approved:

Wayne Rosenthal

Wayne A. Rosenthal, Director
Department of Natural Resources

This PERMIT is subject to the terms and special conditions contained herein and in the attached NOTICE OF FINAL DETERMINATION of the Illinois Environmental Protection Agency. This PERMIT is not valid unless a NOTICE OF FINAL DETERMINATION of the Illinois Environmental Protection Agency as required by Section 39(a) of the Environmental Protection Act is attached.

PERMIT NO. LM2017003

THIS PERMIT IS SUBJECT TO THE FOLLOWING CONDITIONS:

1) This permit is granted in accordance with the Rivers, Lakes and Streams Act, "615 ILCS 5," and the Environmental Protection Act "415 ILCS 5/1."

2) This permit does not convey title to the permittee or recognize title of the permittee to any submerged or other lands, and furthermore, does not convey, lease or provide any right or rights of occupancy or use of the public or private property on which the activity or any part thereof will be located, or otherwise grant to the permittee any right or interest in or to the property, whether the property is owned or possessed by the State of Illinois or by any private or public party or parties.

3) This permit does not release the permittee from liability for damage to persons or property resulting from the work covered by this permit, and does not authorize any injury to private property or invasion of private rights.

4) This permit does not relieve the permittee of the responsibility to obtain other federal, state or local authorizations required for the construction of the permitted activity; and if the permittee is required by law to obtain approvals from any federal or other state agency to do the work, this permit is not effective until the federal and state approvals are obtained. If construction does not begin within two years of the date of this permit, the permittee must submit the project to EcoCAT (http://dnr.illinois.gov/EcoPublic/) for an updated consultation under the Illinois Endangered Species Protection Act and the Illinois Natural Areas Preservation Act.

5) The permittee shall, at the permittee's own expense, remove all temporary piling, cofferdams, false work, and material incidental to the construction of the project from Lake Michigan. If the permittee fails to remove such structures or materials, the Department may have removal made at the expense of the permittee.

6) In public waters, if future need for public navigation or other public interest by the state or federal government necessitates changes in any part of the structure or structures, such changes shall be made by and at the expense of the permittee or the permittee's successors as required by the Department or other properly constituted agency, within sixty (60) days from receipt of written notice of the necessity from the Department or other agency, unless a longer period of time is specifically authorized.

7) The execution and details of the work authorized shall be subject to the review and approval of the Department and/or the Agency. Department and Agency personnel shall have the right of access to accomplish this purpose.

8) Starting work on the activity authorized will be considered full acceptance by the permittee of the terms and conditions of the permit.

9) The Department and Agency in issuing this permit have relied upon the statements and representations made by the permittee; if any substantive statement or representation made by the permittee is found to be false, this permit will be revoked and when revoked, all rights of the permittee under the permit are voided.

10) The permittee and the permittee's successors shall make no claim whatsoever to any interest in any accretions caused by the activity.

11) In issuing this permit, the Department and Agency do not ensure the adequacy of the design or structural strength of the structure or improvement.

12) Noncompliance with the conditions of this permit will be considered grounds for revocation.

13) If the construction activity here permitted is not completed on or before **December 31, 2027**, this permit shall cease and be null and void. When all work is constructed, the permittee shall notify the Department so that a final inspection can be completed.

THIS PERMIT IS SUBJECT TO THE FOLLOWING SPECIAL CONDITIONS:

A) Special conditions 1 – 12 of the Illinois Environmental Protection Agency's, September 24, 2014, Final Determination Letter.
B) Dredge up to 200,000 cubic yards of material in the first year and up to 20,000 cubic yards per year for remaining life of this year.
C) No dredge material will be returned to Lake Michigan.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217)782-2829
PAT QUINN, GOVERNOR LISA BONNETT, DIRECTOR

217/782-0610
September 24, 2014

Illinois Department of Natural Resources/Office of Water Resources
Lake Michigan Management Section
Michael A. Bilandic Building
160 N. LaSalle Street, Suite S-700
Chicago, IL 60601

RECEIVED
FEB 16 2017
OFFICE OF WATER RESOURCES
DIVISION OF PROGRAM MANAGEMENT

Re: Chicago Park District – Jackson Harbor Maintenance Dredging
Permit # 2014-LM-59029
Log # 2014-59029

Gentlemen:

This Agency received a request on June 27, 2014 from Chicago Park District requesting necessary comments concerning the proposed 10 year mechanical maintenance dredging of 200,000 cubic yards of sediment from Jackson Harbor.

Based on the information included in this submittal, it is our engineering judgment that the proposed project may be completed without causing water pollution as defined in the Illinois Environmental Protection Act, provided the project is carefully planned and supervised.

These comments are directed at the effect on water quality of the construction procedures involved in the above described project and are not an approval of any discharge resulting from the completed facility, nor an approval of the design of the facility. These comments do not supplant any permit responsibilities of the applicant toward the Agency.

This Agency hereby issues final determination under Section 39 of the Illinois Environmental Protection Act, subject to the applicant's compliance with the following conditions:

1. The applicant shall not cause:

   a. violation of applicable water quality standards of the Illinois Pollution Control Board, Title 35, Subtitle C: Water Pollution Rules and Regulations;

   b. water pollution defined and prohibited by the Illinois Environmental Protection Act;

   c. interference with water use practices near public recreation areas or water supply intakes; or

   d. violation of applicable provisions of the Illinois Environmental Protection Act.

2. The applicant shall provide adequate planning and supervision during the project construction period for implementing construction methods, processes and cleanup procedures necessary to prevent water pollution and control erosion.

3. The proposed work shall be constructed with adequate erosion control measures (i.e., silt fences, straw bales, etc.) to prevent transport of sediment and materials into Lake Michigan.

4. The applicant shall implement erosion control measures consistent with the "Illinois Urban Manual" (IEPA/USDA, NRCS; 2013).

5. All areas affected by construction shall be mulched and seeded as soon after construction as possible. The applicant shall undertake necessary measures and procedures to reduce erosion during construction. Interim measures to prevent erosion during construction shall be taken and may include the installation of staked straw bales, sedimentation basins and temporary mulching. All construction within the waterway shall be constructed during zero or low flow conditions. The applicant shall be responsible for obtaining an NPDES Storm Water Permit prior to initiating construction if the construction activity associated with the project will result in the disturbance of 1 (one) or more acres, total land area. An NPDES Storm Water Permit may be obtained by submitting a properly completed Notice of Intent (NOI) form by certified mail to the Agency's Division of Water Pollution Control, Permit Section.

6. Any spoil material excavated, dredged or otherwise produced must not be returned to the waterway but must be deposited in a self-contained area in compliance with all state statutes, regulations and permit requirements with no discharge to waters of the State unless specifically authorized by a Section 401 water quality certification issued by this Agency.

7. Trucks transporting dredge material shall be sealed as necessary to prevent liquid leakage and covered to prevent airborne release of dredge material.

8. The dredge material placed at the on-site drying and storage area shall be covered to prevent dust and asbestos emissions. Materials shall be wetted as necessary to provide sufficient moisture content to prevent dust and asbestos emissions during transportation and construction related activities. The dredge material shall be covered with a minimum of one (1) foot of earthen fill material at the final placement sites to prevent dust and asbestos emissions from the dredge material.

9. If dredged material originating from Lake Michigan pursuant to this authorization is to be placed on sites without being covered to prevent dust and asbestos emissions the modified Superfund method of asbestos analysis shall be conducted on a minimum of twelve (12) representative sediment samples from the source material. Samples shall be prepared and analyzed in accordance with the most current version of the Superfund Method for the Determination of Releasable Asbestos in Soils and Bulk Materials(U.S. EPA 540-R-97-028, 1997) and modified in the Draft Modified Elutriator Method for the Determination of Asbestos in Soils and Bulk Material (Berman and Kolk, May 2000) and additional modifications necessary to obtain the necessary sampling and analysis of PM_{10} in accordance with the Illinois Attorney General's Task Force Report. Sampling shall utilize a grid sampling system with equally spaced samples. Samples analyzed for asbestos shall be analyzed by Transmission Electron Microscopy (TEM) and for both the NIOSH 7402 (PCME) method and Protocol Structures method. The aforementioned sampling and analysis shall be conducted in accordance with the recommendations specified in the document entitled "Illinois Beach State Park (IBSP): Determination of Asbestos Contamination in Sand Used for Beach Nourishment, Final Recommendations", dated December 29, 2003, prepared by the University of Illinois at Chicago, Center of Excellence in Environmental Health, Health Hazard Evaluation Program for the Illinois Attorney General's Task Force that was formed to address asbestos contamination at Illinois Beach State Park (IBSP). Material tested for asbestos using the Superfund method that exceeds a mean value of 6.23 *Ms/g* PM_{10} and a 95% upper confidence limit (UCL) of 12.58 Ms/g PM_{10} for the 12 or more

samples using the sum of the Protocol and NIOSH 7402 test methods shall not be dredged or placed without prior approval of the Agency.

10. The Illinois EPA may reopen and revise this final determination based on the findings, recommendations and health risk criteria developed by and published in the final report of the Illinois Attorney General's Task Force on asbestos contamination at Illinois Beach State Park and in Lake Michigan, or due to new additional information regarding asbestos contamination of dredge materials and beaches, or to conform to new state or federal regulations, Illinois Pollution Control Board orders or judicial orders.

11. This final determination is not a Section 401 water quality certification that may be required for your project in conjunction with a Section 404 permit issued by the U.S. Army Corps of Engineers.

12. This authorization does not cover discharge of dredge material into waters of the State.

This final determination becomes effective when the Illinois Department of Natural Resources, Office of Water Resources, includes the above conditions # 1 through # 12 as conditions of the requested permit issued pursuant to Section 39 of the Illinois Environmental Protection Act (415 ILCS 5/39) and Section 18 of the Rivers, Lakes, and Streams Act (615 ILCS 5/18).

This final determination does not grant immunity from any enforcement action found necessary by this Agency to meet its responsibilities in prevention, abatement, and control of water pollution.

Sincerely,

Alan Keller, P.E.
Manager, Permit Section
Division of Water Pollution Control

SAK:DLH:DRG:2014-59029_Section 39 Final Determination_27Jun14.docx

cc: IEPA, Records Unit
IEPA, DWPC, FOS, DesPlaines
CoE, Chicago District
USEPA, Region 5
Binds
AECOM, Attn: William Weaver, P.E., 303 East Wacker Drive, Suite 1300, Chicago, IL 60601

DEPARTMENT OF THE ARMY
CHICAGO DISTRICT, CORPS OF ENGINEERS
231 SOUTH LA SALLE STREET
CHICAGO, ILLINOIS 60604-1437

REPLY TO
ATTENTION OF:

February 17, 2017

Technical Services Division
Regulatory Branch
LRC-2013-726

SUBJECT: Ten Year Maintenance Dredging of Jackson Harbor in Lake Michigan at 5400 South Lake Shore Drive Between Hayes Drive and Marquette Drive in the Lake Michigan Watershed of the City of Chicago. Cook County, Illinois (NE Quarter of Sec. 24, Twp. 38N, Rng. 14E; 41.77923, -87.57413)

Rob Rejman
Chicago Park District
541 N. Fairbanks
Chicago, Illinois 60611

Dear Mr. Rejman:

The U.S. Army Corps of Engineers has made a favorable determination on your application for a Department of the Army individual permit. Two copies of your permit for the above-referenced project are enclosed. Please review the conditions before signing the permit

You are hereby advised that the following options are available to you in your evaluation of the enclosed permit:

1) You may sign the permit, and return it to this office for final authorization. Your signature on the permit means that you accept the permit in its entirety, and waive all rights to appeal the permit, or its terms and conditions. If the terms and conditions of the permit are acceptable, please sign both copies on the line above the word "PERMITTEE" and return them to this office for counter-signature. Upon receipt, this office will sign both copies and return one to you for your records. You are not authorized to do work until you receive your copy of the permit that has been countersigned by the Corps.

2) You may decline to sign the permit because you object to certain terms and conditions therein, and you may request that the permit be modified accordingly. You must outline your objections to the terms and conditions of the permit in a letter to the District Commander. Your objections must be received by the District Commander within 60 days of the date of this letter, or you will forfeit your right to request changes to the terms and conditions of the permit. Upon receipt of your letter, the District Commander will evaluate your objections, and may: (a) modify the permit to address all of your concerns, or (b) modify the permit to address some of your objections, or (c) not modify the permit, having determined that the permit should be issued as

previously written. In any of these three cases, the District Commander will send you a final permit for your reconsideration, as well as a notification of appeal (NAP) form and a request for appeal (RFA) form. Should you decline the final proffered permit, you can appeal the declined permit under the Corps of Engineers Administrative Appeal Process by submitting the completed RFA form to the Division Engineer. The RFA must be received by the Division Commander within 60 days of the date of the NAP that was transmitted with the second proffered permit.

Under Federal regulations, no fee is required for permits issued to agencies or instrumentalities of Federal, state or local governments.

Please review the conditions before signing the permit. Your signature constitutes your specific agreement to the enclosed permit. Failure to meet any of the conditions may result in revocation of your permit. If the copies of the permit with your signature are not returned to this office within thirty (30) days of the date of this letter, your authorization will no longer be valid and the application will be considered withdrawn. If you wish to reinstate your permit request after the thirty (30) day time period, this office reserves the right to reevaluate your project, which may include the reissuance of a public notice.

This permit does not obviate your responsibility to obtain any required state or local approvals for this project. If you have any questions, please contact Michael Murphy of my staff by telephone at (312) 846-5538, or email at Michael.J.Murphy@usace.army.mil.

Sincerely,

Keith L. Wozniak
Acting Chief, Regulatory Branch

Enclosures

Copy Furnished:
Illinois Department of Natural Resources/OWR Lake Michigan (Jim Casey)
Illinois Environmental Protection Agency (Thad Faught)
City of Chicago Department of Transportation (Oswaldo Chaves)
AECOM, Inc. (Bill Weaver)

NOTIFICATION OF APPLICANT OPTIONS (NAO)
FOR PARTIES ISSUED
A DEPARTMENT OF THE ARMY INDIVIDUAL PERMIT

U.S. Army Corps of Engineers
Chicago District

Date: February 17, 2017

File Number: LRC-2013-00726

You are hereby advised that the following options are available to you in your evaluation of the enclosed permit:

1) You may sign the permit, and return it to the District Commander for final authorization. Your signature on the permit means that you accept the permit in its entirety, and waive all rights to appeal the permit, or its terms and conditions.

2) You may decline to sign the permit because you object to certain terms and conditions therein, and you may request that the permit be modified accordingly. You must outline your objections to the terms and conditions of the permit in a letter to the District Commander. Your objections must be received by the District Commander within 60 days of the date of this NAO, or you will forfeit your right to request changes to the terms and conditions of the permit. Upon receipt of your letter, the District Commander will evaluate your objections, and may: (a) modify the permit to address all of your concerns, or (b) modify the permit to address some of your objections, or (c) not modify the permit, having determined that the permit should be issued as previously written. In any of these three cases, the District Commander will send you a final permit for your reconsideration, as well as a notification of appeal (NAP) form and a request for appeal (RFA) form. Should you decline the final proffered permit, you can appeal the declined permit under the Corps of Engineers Administrative Appeal Process by submitting the completed RFA form to the Division Commander. The RFA must be received by the Division Engineer within 60 days of the date of the NAP that was transmitted with the second proffered permit.

Appendix F – Dispersion Modeling for Offshore Sand Placement and Water Quality Compliance Tier II Evaluation

Dispersion Modeling for Offshore Sand Placement and Water Quality Compliance Tier II Evaluation

Sediment that is transported by Lake Michigan nearshore currents in the vicinity of Jackson Harbor is comprised primarily of course- and fine-grained sand fractions. Jackson Harbor is situated just south of the 63rd Street pier. This pier juts out into 20 feet of water and has been an efficient sand trap for the beach.

1.0 Modeling Approach and Goals

The modeling goals are to assess the dispersion of dredge material from routine maintenance dredging in the Jackson Outer Harbor and assess mixing zone at the sand placement area. Dredged sand would be placed to as a beneficial input to the littoral zone at 0.8 miles south southeast of the harbor mouth. Sand will be transported and placed on the offshore Lake Michigan bed sites by a 2-bin barge (**Figure 2-2**).

The Tier II evaluation presented below identifies potential water-column impacts that may result from disposal of dredged sediment into Lake Michigan offshore near Jackson Harbor, in order to determine project compliance with the Clean Water Act Section 404(b)(1). The Tier II consists of evaluation of state water quality standard (WQS) compliance using a numerical mixing model of the disposal site conditions. Discrete discharges from barge and hopper dredges were evaluated using STFATE model. STFATE is a module of the Automated Dredging and Disposal Alternatives Management System (ADDAMS) is a design, analysis, and evaluation system for dredged material disposal and management supported by the Environmental Laboratory of the U.S. Army Corps of Engineers Engineer Research and Design Center. STFATE represents the disposal of dredged material as a sequence of convecting clouds released at a constant time interval. The equations governing the motion are those for conservation of mass, momentum, buoyancy, solid particles, and vorticity (USEPA and USACE 1995). The model input includes data obtained from vibracore sampling at the locations shown in **Figure 1-1**. **Table 1-1** summarizes the grain size analysis for each sample location. STFATE model was used to assess the concentration of all contaminants of concern (COCs) at the edge of the mixing zone is less than the applicable WQS, the dredged material complies with WQS (EPA and USACE, 1995; Schroeder, P.R. et.al. 2004).

Beletsky and others studied both annual cycle and interannual variability of Lake Michigan circulation and its thermal structure (Beletsky, D. and D. J. Schwab, 2001; Beletsky, D., J. H. Saylor, and D. J. Schwab, 1999). This permit modification proposes approval of in-lake placement of dredged sand as supported by dispersion analysis that follows the procedures provided in the references Schroeder, P.R.; Palermo, M.R.; Myers, T.E.; Lloyd, C.M. 2004; EPA and USACE, 1995. The disposal site takes into consideration “environmental justice” requirements and required dispersion analysis to comply with regulations. The dredged material placement location (Depth 9.9 ft) is presented in **Figure 1-2**. This exhibit includes lakebed contours relative to Low Water Datum. Normal water levels are approximately

elevation +2.0 LWD. To assess water depth, add 2 feet to the contour depths shown in this map at the proposed sand placement areas. Existing vibracore boring data at Jackson Harbor was used to characterize the dredged sediment (**Figure 1-1**).

Figure 1-1 Vibracore Sample Locations

Table 1-1 Jackson Harbor grain size data

Stn	Sample #	% Gravel	% Sand	% Silt	% Clay	
GS- 1	1	0.1	85.5	12.3	2.0	99.9
GS- 2	2	0.0	92.8	5.2	2.0	100.0
GS- 3	3	0.0	84.2	13.8	2.0	100.0
GS- 4	1	2.4	89.2	6.4	1.9	99.9
GS- 5	2	0.3	90.7	6.9	2.0	99.9
GS- 6	3	0.0	71.7	26.3	2.0	100.0
GS- 7	2	0.0	90.6	7.3	2.0	99.9
GS- 8	1	3.9	89.3	4.9	1.9	100.0
GS- 9	1	0.0	89.6	8.4	2.0	100.0
GS- 10	4	0.0	72.1	25.9	2.0	100.0
Average		**0.25**	**85.6**	**11.7**	**2.0**	**100.0**

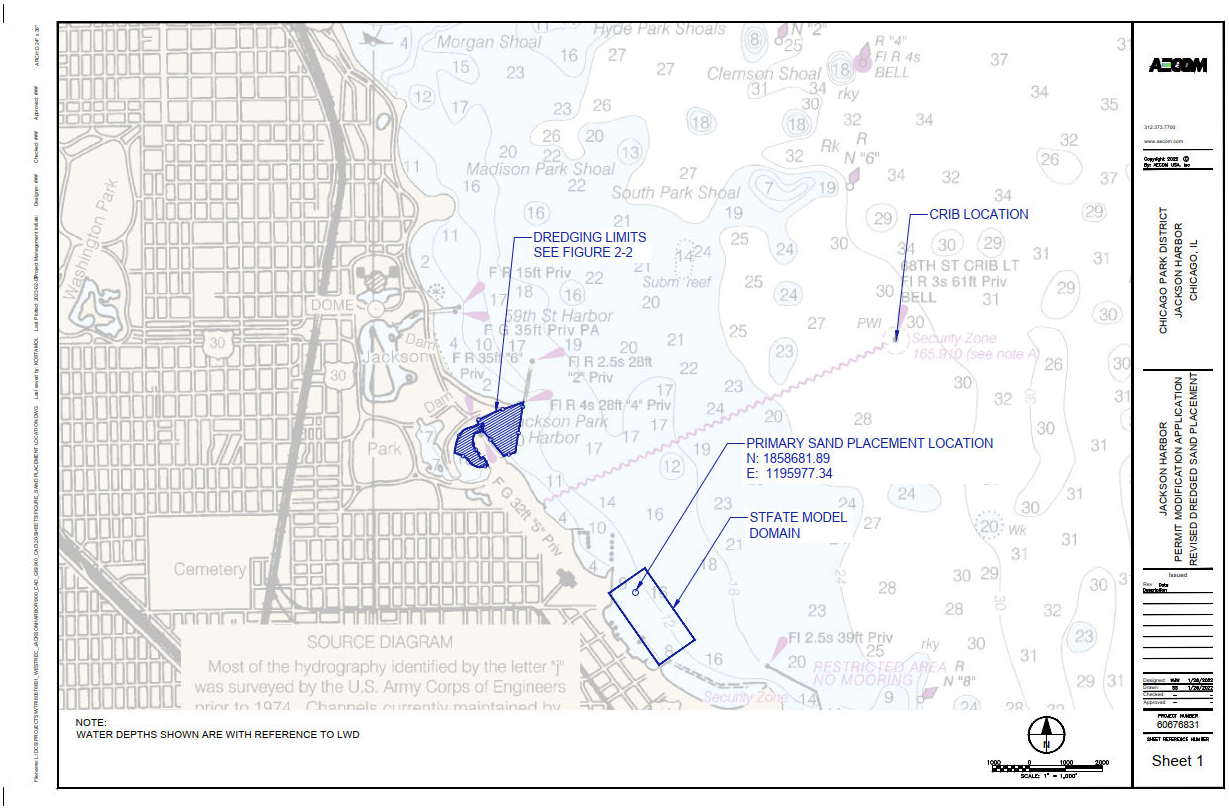


Figure 1-2 Proposed Sand Relocation Area (Depth 9.9 ft)

1.1.1 Model Assumptions:

1. A two bin 150 cyd capacity barge with doors that open simultaneously downwards will be used to transport dredged material to the in-lake sand placement location. 150 cyd is the maximum barge load and dredge contractor can do maximum of 7 trips in a 12 hr work day.

2. The dredging will be limited to the Jackson Outer Harbor limits as shown in **Figure 2-2**.

3. Project area bathymetry for the proposed dump location and areas of concern is illustrated on **Figure 1-2**.

4. Dredged material will be placed at 0.8 miles south southeast of Jackson Harbor as shown on **Figure 1-2**.

5. Dredge material placement in the offshore locations will be conducted during periods of low wave action and weak currents.

6. Annual Dredge disposal quantity and disposal interval are designed to comply with water quality standards within the boundary of the mixing zone.

1.1.2 Analysis Approach:

Most of the dredged material is comprised of sand with a minority of the material comprised of silt and clay size particles. The dredged materials will be placed into the water column which will then slowly settle back to the lakebed. During sand placement at the disposal locations, the sediment is potentially transported by general lake circulation currents and wind driven currents. AECOM applied the U.S. Army Corp's Automated Dredging and Disposal Alternatives Management System (ADDAMS) suite of models (includes STFATE model) to evaluate the extent of transport and thickness of settling sediment assuming generalized environmental conditions.

The behavior of the dredged material during placement at the proposed site is assumed to be separated into three phases: convective descent during which the disposal cloud falls under the influence of gravity and its initial momentum is imparted by gravity; dynamic collapse occurring when the descending cloud either impacts the bottom or arrives at a level of neutral buoyancy where descent is retarded and horizontal spreading dominates; and passive transport-dispersion commencing when the material transport and spreading are determined more by ambient currents and turbulence than by the dynamics of the disposal operation.

STFATE was used for dissolved ammonia modeling with an assumption that ammonia is associated with silt and clay size fractions. The model was used to calculate the extent of the settling of fine sand, silt, and clay separately since finer fractions could be carried to larger distances.

The model domain includes the designated dredged sand placement locations offshore from Jackson harbor. The model was developed with a grid (15 ft X 30 ft cell size) for the near field, mixing zone and area of concern (AOC). The model was implemented for the proposed location of dredge material placement, and simulated the transport, providing spatially and time-dependent levels of ammonia and the depositional footprint of the dredged disposal material.

The analysis of dredge sand placement and related turbidity and sediment transport includes the following activities:

- Collect and assess general environmental conditions at the project area.
- Assess potential sediment fate and transport after dredge material placement.
- Consult with regulatory agencies about concerns regarding disposal location and potential transport to shoreline areas.

Following is a summary of model inputs:

- Model Grid Size: 15 ft X 30 ft
- Model domain: 80 X 80 cells
- Model Area: 1200 ft X 2400 ft
- Barge parameters:
  - Length: 75 ft
  - Width: 30 ft
  - Bin size: 25 X 20 ft
  - Number of bins: 2
  - Preplacement (loaded) draft = 6.2 ft
  - Post Placement (unloaded) draft = 0.63 ft
- Sand Placement operations
  - Two bins barge
  - Dredge material volume per (2 bins) each barge trip: 150 cyd

- Time to empty barge: 240 sec
- Maximum coastal depth averaged flow (towards south) near Jackson Harbor: 0.4 ft/s
- Water Depth: 9.9 ft
- Ammonia concentration regulatory limit 0.02 mg/l
- Jackson Harbor sand dredging grain size: See Table 3-1

1.1.3 Modeling Objectives

This evaluation identifies potential water-column impacts that may result from disposal of dredged sediment into the nearshore area off Jackson Harbor, Lake Michigan, in order to determine project compliance with the Clean Water Act Section 404(b)(1). This consists of evaluation of state water quality standard (WQS) compliance using a numerical mixing model of the disposal site conditions. The STFATE numerical mixing model was run with chemical data obtained from elutriate tests performed on dredged material from Jackson Outer Harbor.

According to the *Inland Testing Manual*, "If the numerical model predicts that the concentration of all contaminants of concern at the edge of the mixing zone is less than the applicable WQS, the dredged material complies with WQS. Otherwise, it does not" (USEPA and USACE 1995). The mixing zone allowed for the project area is 26 acres.

The STFATE (Short-Term FATE of dredged material disposal in open water) model is used for discrete discharges from barge and hopper dredges. STFATE is a module of the Automated Dredging and Disposal Alternatives Management System (ADDAMS) is a design, analysis, and evaluation system for dredged material disposal and management supported by the Environmental Laboratory of the U.S. Army Corps of Engineers Engineer Research and Design Center. STFATE represents the disposal of dredged material as a sequence of convecting clouds released at a constant time interval. The equations governing the motion are those for conservation of mass, momentum, buoyancy, solid particles, and vorticity.

1.2 Water column Assessment

Section 401 Water Quality compliance is determined using elutriate test results. The elutriate is the supernatant resulting from vigorous 30 minute mixing of sediment and water, followed by settling and centrifugation. The elutriate test is a conservative estimate of contaminant partitioning into the water column. Elutriate test results for sediment samples collected in are tabulated in **Table 3.2**. The maximum concentration detected for each of the contaminants of concern is shown below in **Table 3.2**. State water quality standards for each parameter and average measured background concentrations for each constituent are also shown.

The *Inland Testing Manual* offers the following equation to determine which contaminant requires the greatest dilution, since the model need only be run for the contaminant that requires the greatest dilution to make a water quality compliance determination.. Based on the calculations summarized below in **Table 3.2**, Ammonia-nitrogen was selected as the critical parameter for the STFATE mixing zone analysis. The dilution for each contaminant was calculated using the following equation.

$$D = Ce - Cwq/(Ce - Cds)$$

Where:
D = dilution

Ce = concentration of the dissolved contaminant in the standard elutriate in micrograms per liter (µg/L)
Cwq = WQS in micrograms per liter (µg/L)
Cds = background concentration of the contaminant at the disposal site in micrograms per liter (µg/L)

Table 1.2 Dilution required to meet WQS Jackson Harbor Offshore Disposal

COCs		Units	Ce	Cwq	Cds	D	Notes
Total Suspended Solids	(TSS)	ug/L	114,667	NA	1,000	NA	4 HR average VALUES at three sites (GS-4, GS-5, GS-9)
Total Dissolved Solids	(TDS)	ug/L	215,333	180,000	170,000	0.779	4 HR average VALUES at three sites (GS-4, GS-5, GS-9)
Phosphorus	(Total as P)	ug/L	10.5	7	430	well below background	4 HR average VALUES at three sites (GS-4, GS-5, GS-9)
Ammonia-nitrogen	**(as N)**	**ug/L**	**5,493**	**20**	**15**	**0.999**	4 HR average VALUES at three sites (GS-4, GS-5, GS-9), Background < detection
Chloride		ug/L	12,001	12,000	11,900	0.010	4 HR average VALUES at three sites (GS-4, GS-5, GS-9)
Lead	(total)	ug/L	16	50	4	well below WQS	4 hr value
Zinc	(total)	ug/L	13.333	195.5	5	well below WQS	4 hr value

Dilution (D) =

(Ce-Cwq)/(Ce-Cds)

D=Dilution

Ce=Conc of the dissolved contaminant in the standard elutriate

Cwq= WQS

Cds = background concentration of the contaminant at the disposal site.

1.3. Model Results and Regulatory Compliance

Model area is 1200 ft X 2400 ft. The mixing zone allowed is approximately 26 acres. Barge drop location is approximately 0.8 miles south southeast of Jackson Harbor (**Figure 1.2**). Complete set of model results are presented in **Appendix A**.

The model was implemented for the proposed locations of dredge material placement, and simulated the transport, providing spatially and time-dependent levels of ammonia illustrated on **Figure 1.3.**

The primary risk concern for asbestos is airborne release of fibers and subsequent inhalation exposure. The project activities are carried out in wet conditions and dredged material is disposed in-lake. Therefore, drying out of the sediment and subsequent airborne release is an unlikely exposure scenario.

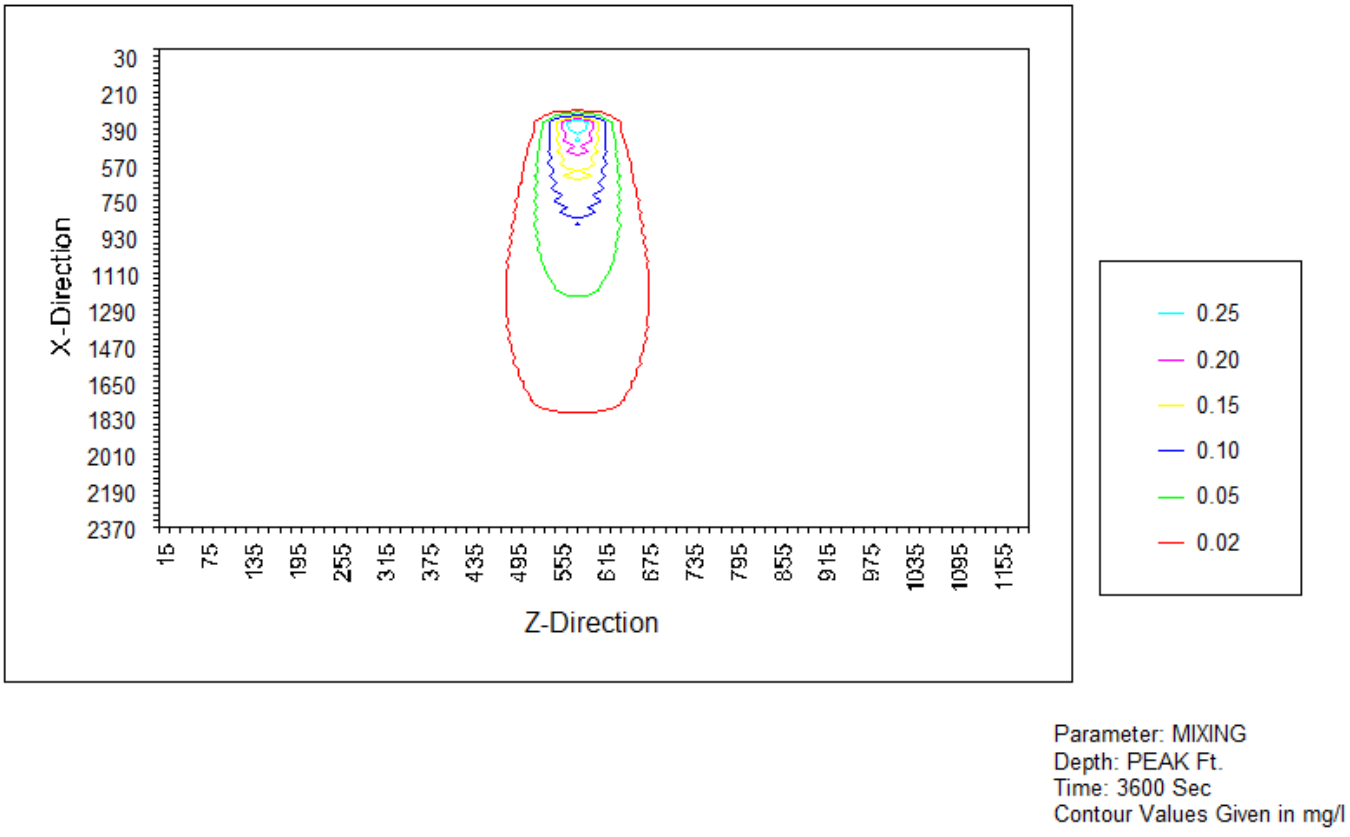


Figure 1-3 Dredged material mixing zone for Ammonia

Ammonia concentration contour plots for 0.02 mg/l (regulatory limit) to 0.25 mg/l are presented in Figure 3.3. Results presented in Figure 3.3 show that water quality criteria for ammonia was met at the boundaries of a mixing zone measuring 210 ft east-west by 1530 ft north-south. . Required mixing zone area is 7.4 acres. Figure 3.3 shows a concentration contour plot of the

maximum mixing zone required for ammonia compliance (7.4 acres). As ammonia was one of the parameters requiring the greatest dilution, water quality standards for all other constituents should be met within the 7.4 acre mixing zone as well. The required mixing zone for the proposed project is much smaller than the 25 acre mixing zone allowed. Therefore, the proposed disposal comply with the applicable water quality standards for the offshore waters of Jackson harbor in Lake Michigan. Complete set of model results are presented in **Appendix A**.

1.4 CONCLUSIONS

1. Dilution analysis for each COC was assessed to arrive at maximum dilution needed.

2. Modeling goal was to not exceed Ammonia concentrations 0.02 mg/l regulatory limit outside the mixing zone (maximum 26 acres).

3. Results presented show that water quality criteria for ammonia was met at the boundaries of a mixing zone measuring 210 ft east-west by 1530 ft north-south. Required mixing zone area is 7.4 acres.

4. Ammonia was one of the parameters requiring the greatest dilution, water quality standards for all other constituents should be met within the 7.4 acre mixing zone as well.

5. The required mixing zone for the proposed project is much smaller than the 26-acre mixing zone allowed. Therefore, the proposed project dredged material disposal complies with the applicable water quality standards for the offshore waters of Jackson harbor.

6. The primary risk concern for asbestos is airborne release of fibers and subsequent inhalation exposure. The project activities are carried out in wet conditions and dredged material is disposed in-lake. Therefore, drying out of the sediment and subsequent airborne release is an unlikely exposure scenario.

1.5 Dispersion Analysis References:

- Beletsky, D. and D. J. Schwab, 2001. Modeling circulation and thermal structure in Lake Michigan: Annual cycle and interannual variability. Journal Geophysical Research, 106 (C9): 19,745-19,771.
- Beletsky, D., J. H. Saylor, and D. J. Schwab, 1999. Mean circulation in the Great Lakes. Journal of Great Lakes Research, 25, 78-93.
- EPA and USACE, 1995. “Evaluation of Dredged Material Proposed for Discharge in Waters of the U.S. – Testing Manual (Final, Workgroup Draft) (Inland Testing Manual).” Environmental Protection Agency and United States Army Corps of Engineers, Washington D.C., 86p.

- Schroeder, P.R.; Palermo, M.R.; Myers, T.E.; Lloyd, C.M. 2004. The Automated Dredging and Disposal Alternatives Modeling System (ADDAMS); ERDC TN EEDP-06012; U.S. Army Engineering Research and Development Centre: Vicksburg, MS, USA.
- U.S. Army Corps of Engineers (USACE). 2008. Technical Guidelines for Environmental Dredging of Contaminated Sediments. Engineer Research and Development Center (ERDC). ERDC-EL-TR-08-29. September.

Appendix A

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MODEL:  SHORT-TERM FATE OF DREDGED MATERIAL FROM SPLIT HULL BARGE OR HOPPER DREDGE
               (PC Version 5.01  MAY, 1993)
               (Extended Memory Modification: December, 1997)
               This Version Supports Grid Sizes up to 96 x 96 Points


 TITLE:


 FILE:    TmpFile .DUE


 AREA:    THE PROJECT AREA IS DESCRIBED BY A 80 X 80 GRID.

          THERE ARE 80 GRID POINTS (NMAX) IN THE Z-DIRECTION (FROM LEFT TO RIGHT)
            AND 80 GRID POINTS (MMAX) IN THE X-DIRECTION (FROM TOP TO BOTTOM).


 ZONE:    THE MIXING ZONE IS REPRESENTED AS A RECTANGLE ON THE SITE GRID.

          THE TOPMOST BOUNDARY IS LOCATED AT POINT # 6 (MDS1) FROM THE TOP OF THE GRID.

          THE BOTTOMMOST BOUNDARY IS LOCATED AT POINT #36 (MDS2) FROM THE TOP OF THE GRID.

          THE LEFTMOST BOUNDARY IS LOCATED AT POINT #11 (NDS1) FROM THE LEFT OF THE GRID.

          THE RIGHTMOST BOUNDARY IS LOCATED AT POINT #71 (NDS2) FROM THE LEFT OF THE GRID.


 EXECUTION PARAMETERS:

          MODEL COEFFICIENTS SPECIFIED IN INPUT DATA (KEY1 = 1).

          PERFORM COMPLETE ANALYSIS INCLUDING DESCENT, COLLAPSE, AND TRANSPORT-DIFFUSION (KEY2 = 0).

          PERFORM TIER II INLAND DUMPING INITIAL MIXING EVALUATION
            TO COMPARE WATER QUALITY WITH STANDARD (KEY3 = 5).

          MIXING ZONE HAS BEEN DESIGNATED -- NO MIXING ZONE WILL BE COMPUTED.

          ZONE OF INITIAL DILUTION WILL BE COMPUTED SINCE A ZID HAS NOT BEEN DESIGNATED.

          PRINTING OF CONVECTIVE DESCENT RESULTS REQUESTED (IPCN = 1).

          PRINTING OF CONVECTIVE DESCENT RESULTS REQUESTED (IPCN = 1).

          PRINTING OF DYNAMIC COLLAPSE RESULTS REQUESTED (IPCL = 1).

          QUARTERLY PRINTING OF LONG-TERM TRANSPORT DIFFUSION RESULTS REQUESTED (IPLT = 0).

          LONG-TERM TRANSPORT DIFFUSION RESULTS REQUESTED AT THE FOLLOWING 3 DEPTH(S):
                2.00 FT
                5.00 FT
                9.90 FT

GRID:    NUMBER OF LONG TERM GRID POINTS IN Z-DIRECTION (NMAX) = 80

          NUMBER OF LONG TERM GRID POINTS IN X-DIRECTION (MMAX) = 80

          GRID SPACING IN Z-DIRECTION (DZ) =    15.00000 FT

          GRID SPACING IN X-DIRECTION (DX) =    30.00000 FT

          CONSTANT DEPTH GRID SPECIFIED HAVING A DEPTH (DEPC) OF     9.90000 FT.
DEPTH GRID, FEET:

  M N = 1      2      3      4      5      6      7      8      9     10     11     12     13     14     15     16     17
  1     10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.
  2     10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.
  3     10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.
  4     10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.
  5     10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.
  6     10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.
  7     10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.
  8     10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.
  9     10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.
 10     10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.
 11     10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.
 12     10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.
 13     10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.
 14     10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.
 15     10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.
 16     10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.
 17     10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.
 18     10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.
 19     10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.
 20     10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.
 21     10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.
 22     10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.
 23     10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.
 24     10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.
 25     10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.
 26     10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.
```

27	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
28	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
29	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
30	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
31	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
32	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
33	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
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35	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
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41	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
42	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
43	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
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45	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
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47	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
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50	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
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55	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
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57	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
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60	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
61	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
62	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
63	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
64	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
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66	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
67	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
68	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
69	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
70	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
71	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
72	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
73	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
74	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
75	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
76	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
77	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
78	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
79	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
80	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.

M N =	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
2	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
3	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
4	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
5	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
6	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
7	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
8	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
9	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
10	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
11	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
12	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
13	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
14	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
15	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
16	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
17	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
18	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
19	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
20	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
21	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
22	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
23	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
24	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
25	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
26	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
27	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
28	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
29	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
30	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
31	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
32	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
33	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
34	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
35	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
36	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
37	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
38	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
39	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
40	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
41	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
42	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
43	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
44	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.

45	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
46	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
47	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
48	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
49	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
50	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
51	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
52	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
53	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
54	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
55	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
56	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
57	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
58	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
59	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
60	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
61	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
62	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
63	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
64	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
65	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
66	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
67	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
68	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
69	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
70	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
71	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
72	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
73	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
74	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
75	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
76	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
77	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
78	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
79	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
80	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.

M N =35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
1	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
2	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
3	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
4	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
5	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
6	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
7	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
8	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
9	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
10	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
11	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
12	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
13	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
14	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
15	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
16	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
17	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
18	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
19	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
20	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
21	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
22	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
23	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
24	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
25	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
26	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
27	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
28	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
29	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
30	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
31	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
32	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
33	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
34	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
35	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
36	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
37	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
38	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
39	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
40	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
41	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
42	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
43	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
44	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
45	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
46	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
47	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
48	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
49	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
50	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
51	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
52	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
53	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
54	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
55	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
56	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
57	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
58	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
59	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
60	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
61	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
62	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.

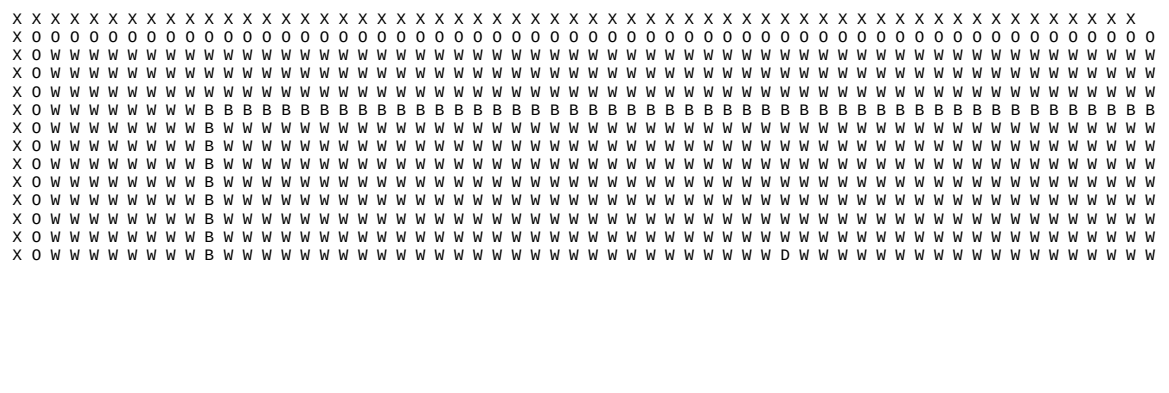
63	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
64	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
65	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
66	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
67	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
68	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
69	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
70	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
71	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
72	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
73	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
74	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
75	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
76	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
77	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
78	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
79	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
80	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.

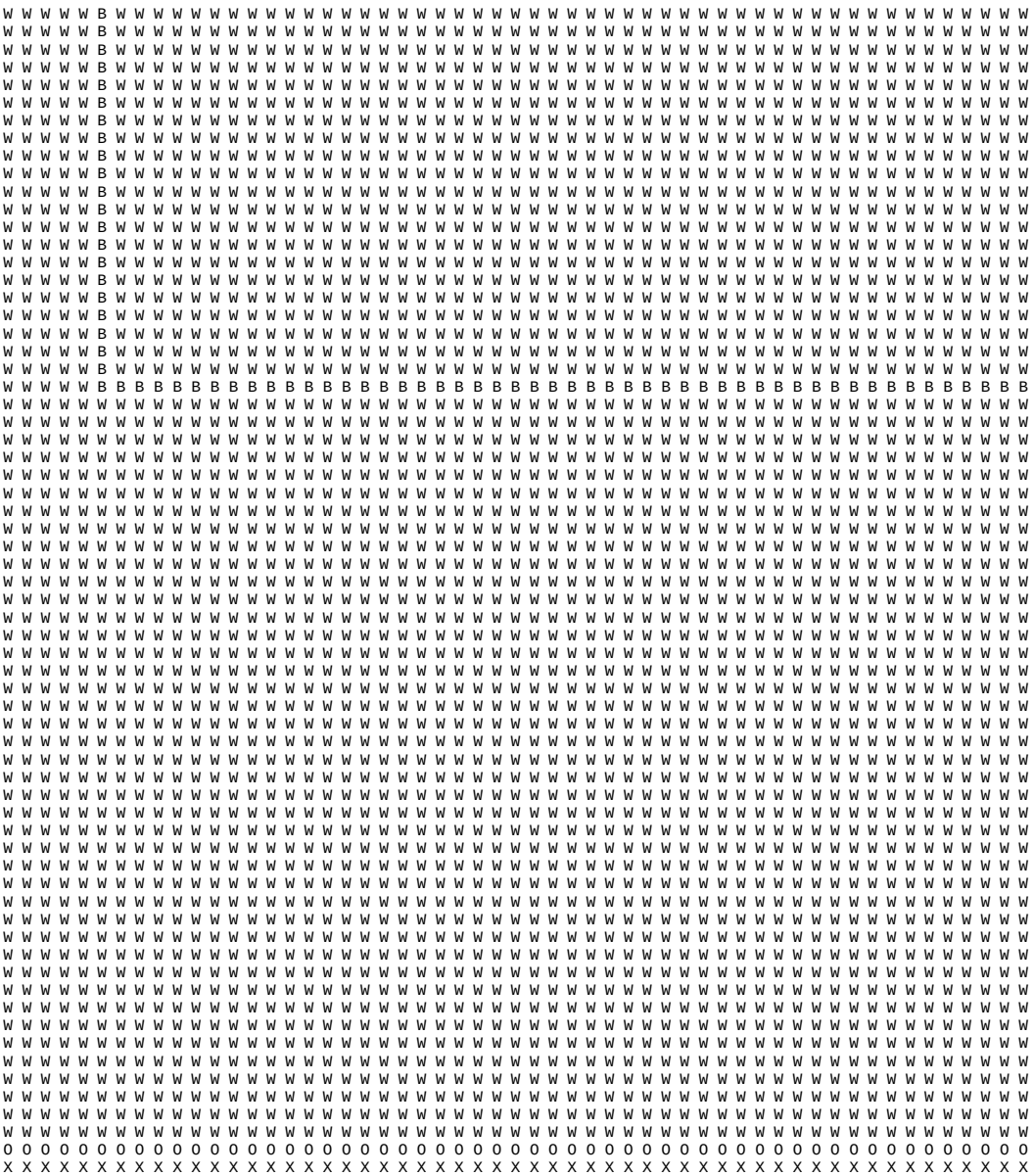
M N =	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
1	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
2	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
3	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
4	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
5	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
6	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
7	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
8	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
9	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
10	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
11	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
12	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
13	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
14	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
15	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
16	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
17	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
18	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
19	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
20	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
21	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
22	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
23	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
24	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
25	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
26	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
27	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
28	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
29	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
30	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
31	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
32	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
33	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
34	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
35	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
36	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
37	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
38	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
39	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
40	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
41	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
42	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
43	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
44	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
45	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
46	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
47	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
48	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
49	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
50	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
51	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
52	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
53	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
54	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
55	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
56	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
57	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
58	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
59	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
60	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
61	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
62	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
63	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
64	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
65	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
66	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
67	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
68	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
69	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
70	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
71	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
72	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
73	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
74	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
75	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
76	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
77	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
78	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
79	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
80	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.

M N =	69	70	71	72	73	74	75	76	77	78	79	80
1	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
2	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
3	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
4	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
5	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
6	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
7	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
8	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
9	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
10	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
11	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
12	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
13	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
14	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
15	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
16	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
17	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
18	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
19	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
20	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
21	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
22	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
23	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
24	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
25	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
26	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
27	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
28	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
29	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
30	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
31	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
32	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
33	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
34	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
35	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
36	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
37	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
38	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
39	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
40	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
41	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
42	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
43	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
44	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
45	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
46	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
47	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
48	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
49	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
50	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
51	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
52	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
53	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
54	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
55	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
56	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
57	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
58	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
59	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
60	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
61	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
62	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
63	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
64	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
65	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
66	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
67	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
68	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
69	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
70	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
71	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
72	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
73	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
74	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
75	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
76	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
77	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
78	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
79	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
80	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.

CODED GRID:

RANGE OF N IS 1 TO 60





LEGEND FOR CODED GRID: W = WATER POINT
L = LAND POINT
O = OPEN BOUNDARY
B = MIXING ZONE BOUNDARY
Z = ZID BOUNDARY
D = DUMP LOCATION
X = DUMMY POINT

NUMBER OF GRID POINTS WITHIN ESTUARY = 5776

DISPOSAL LOCATION:

THE DUMP LOCATION IS   400.0   FT (XBARGE) OR ABOUT GRID POINT #14 FROM THE TOP OF THE GRID
AND   600.0   FT (ZBARGE) OR ABOUT GRID POINT #41 FROM THE LEFT EDGE OF THE GRID.

THE BOTTOM SLOPE IN THE X-DIRECTION AT THE DUMP SITE (SLOPEX, POSITIVE IF DEPTH INCREASES
FROM TOP OF GRID TO BOTTOM OF GRID) IS 0.00 DEGREES.

THE BOTTOM SLOPE IN THE Z-DIRECTION AT THE DUMP SITE (SLOPEZ, POSITIVE IF DEPTH INCREASES
FROM LEFT SIDE OF GRID TO RIGHT SIDE OF GRID) IS 0.00 DEGREES.

THE DISPOSAL LOCATION IS NOT AT A HOLE OR DEPRESSION. (DHOLE = 0.0)

AMBIENT DENSITY PROFILE:

DEPTH (FT)	DENSITY (G/CC)
0.0000E+00	0.99990
9.900	0.99990

COMPUTED DEPTH:

THE DEPTH AT THE DUMP LOCATION WAS INTERPOLATED TO BE 9.900 FT.

VELOCITY DISTRIBUTION:

VERTICALLY AVERAGED X-DIRECTION (VAX = 0.400 FPS) AND
Z-DIRECTION (VAZ = 0.000E+00 FPS) VELOCITIES CONSTRUCTED AT EACH GRID POINT
FROM A SINGLE OBSERVATION AT A DEPTH (D) OF 9.90 FT AND
USED WITH A LOGARITHMIC VELOCITY DISTRIBUTION.

VELOCITY GRID: X-DIRECTION, FPS

M N=	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
2	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
3	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
4	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
5	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
6	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
7	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
8	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
9	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
10	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
11	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
12	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
13	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
14	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
15	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
16	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
17	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
18	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
19	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
20	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
21	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
22	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
23	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
24	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
25	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
26	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
27	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
28	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
29	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
30	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
31	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
32	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
33	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
34	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
35	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
36	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
37	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
38	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
39	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
40	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
41	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
42	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
43	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
44	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
45	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
46	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
47	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
48	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
49	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
50	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
51	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
52	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
53	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
54	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
55	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
56	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
57	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
58	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
59	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
60	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
61	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
62	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
63	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
64	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
65	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
66	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
67	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
68	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
69	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
70	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
71	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
72	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
73	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
74	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
75	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
76	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
77	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
78	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
79	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
80	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400

M N=	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
2	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
3	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
4	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
5	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
6	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400

7	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
8	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
9	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
10	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
11	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
12	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
13	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
14	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
15	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
16	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
17	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
18	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
19	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
20	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
21	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
22	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
23	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
24	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
25	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
26	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
27	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
28	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
29	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
30	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
31	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
32	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
33	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
34	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
35	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
36	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
37	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
38	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
39	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
40	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
41	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
42	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
43	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
44	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
45	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
46	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
47	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
48	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
49	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
50	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
51	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
52	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
53	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
54	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
55	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
56	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
57	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
58	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
59	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
60	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
61	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
62	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
63	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
64	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
65	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
66	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
67	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
68	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
69	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
70	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
71	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
72	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
73	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
74	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
75	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
76	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
77	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
78	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
79	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
80	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400

M	N= 35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
1	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
2	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
3	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
4	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
5	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
6	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
7	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
8	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
9	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
10	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
11	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
12	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
13	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
14	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
15	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
16	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
17	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
18	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
19	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
20	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
21	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
22	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
23	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
24	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
25	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
26	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400

27	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
28	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
29	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
30	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
31	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
32	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
33	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
34	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
35	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
36	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
37	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
38	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
39	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
40	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
41	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
42	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
43	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
44	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
45	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
46	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
47	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
48	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
49	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
50	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
51	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
52	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
53	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
54	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
55	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
56	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
57	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
58	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
59	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
60	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
61	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
62	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
63	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
64	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
65	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
66	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
67	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
68	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
69	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
70	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
71	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
72	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
73	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
74	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
75	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
76	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
77	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
78	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
79	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
80	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400

M	N= 52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
1	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
2	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
3	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
4	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
5	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
6	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
7	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
8	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
9	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
10	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
11	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
12	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
13	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
14	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
15	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
16	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
17	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
18	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
19	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
20	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
21	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
22	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
23	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
24	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
25	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
26	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
27	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
28	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
29	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
30	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
31	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
32	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
33	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
34	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
35	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
36	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
37	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
38	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
39	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
40	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
41	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
42	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
43	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
44	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
45	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
46	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400

47	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
48	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
49	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
50	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
51	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
52	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
53	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
54	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
55	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
56	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
57	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
58	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
59	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
60	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
61	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
62	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
63	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
64	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
65	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
66	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
67	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
68	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
69	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
70	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
71	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
72	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
73	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
74	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
75	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
76	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
77	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
78	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
79	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
80	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400

M	N= 69	70	71	72	73	74	75	76	77	78	79	80
1	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
2	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
3	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
4	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
5	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
6	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
7	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
8	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
9	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
10	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
11	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
12	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
13	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
14	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
15	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
16	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
17	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
18	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
19	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
20	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
21	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
22	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
23	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
24	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
25	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
26	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
27	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
28	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
29	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
30	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
31	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
32	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
33	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
34	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
35	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
36	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
37	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
38	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
39	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
40	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
41	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
42	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
43	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
44	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
45	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
46	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
47	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
48	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
49	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
50	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
51	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
52	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
53	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
54	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
55	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
56	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
57	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
58	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
59	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
60	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
61	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
62	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
63	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
64	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
65	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
66	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400

67	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
68	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
69	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
70	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
71	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
72	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
73	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
74	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
75	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
76	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
77	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
78	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
79	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
80	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400

VELOCITY GRID: Z-DIRECTION, FPS

M N=	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
36	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
38	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
39	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
41	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
43	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
44	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
48	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
49	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
53	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
54	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
58	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
59	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
61	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
64	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
66	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
68	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
69	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
71	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
73	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
76	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
78	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
79	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

M N=	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
36	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
38	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
39	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
41	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
43	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
44	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
48	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
49	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
53	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
54	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
58	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
59	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
61	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
64	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
66	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
68	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
69	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
71	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
73	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
76	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
78	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
79	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

M	N= 35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
36	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
38	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
39	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
41	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
43	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
44	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
48	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
49	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
53	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
54	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
58	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
59	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
61	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
64	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
66	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
68	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
69	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
71	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
73	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
76	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
78	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
79	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

M	N= 52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
36	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
38	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
39	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
41	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

43	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
44	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
48	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
49	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
53	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
54	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
58	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
59	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
61	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
64	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
66	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
68	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
69	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
71	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
73	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
76	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
78	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
79	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

M N=	69	70	71	72	73	74	75	76	77	78	79	80
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
36	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
38	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
39	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
41	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
43	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
44	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
48	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
49	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
53	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
54	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
58	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
59	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
61	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
64	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
66	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
68	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
69	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
71	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
73	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
76	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
78	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
79	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

BOTTOM SHEAR STRESS, LBS/SQ FT:

M	N= 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
3	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
4	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
5	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
6	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
7	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
8	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
9	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
10	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
11	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
12	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
13	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
14	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
15	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
16	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
17	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
18	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
19	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
20	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
21	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
22	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
23	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
24	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
25	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
26	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
27	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
28	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
29	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
30	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
31	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
32	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
33	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
34	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
35	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
36	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
37	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
38	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
39	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
40	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
41	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
42	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
43	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
44	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
45	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
46	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
47	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
48	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
49	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
50	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
51	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
52	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
53	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
54	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
55	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
56	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
57	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
58	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
59	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
60	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
61	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
62	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
63	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
64	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
65	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
66	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
67	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
68	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
69	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
70	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
71	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
72	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
73	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
74	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
75	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
76	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
77	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
78	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
79	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
80	0.0000	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006

M N=	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
3	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
4	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
5	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
6	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
7	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
8	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
9	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
10	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
11	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
12	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
13	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
14	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
15	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
16	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
17	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
18	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
19	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
20	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
21	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
22	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
23	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
24	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
25	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
26	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
27	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
28	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
29	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
30	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
31	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
32	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
33	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
34	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
35	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
36	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
37	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
38	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
39	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
40	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
41	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
42	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
43	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
44	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
45	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
46	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
47	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
48	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
49	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
50	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
51	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
52	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
53	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
54	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
55	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
56	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
57	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
58	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
59	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
60	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
61	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
62	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
63	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
64	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
65	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
66	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
67	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
68	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
69	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
70	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
71	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
72	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
73	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
74	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
75	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
76	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
77	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
78	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
79	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
80	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006

M N=	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
3	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
4	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
5	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
6	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
7	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
8	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
9	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
10	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
11	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
12	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
13	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
14	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
15	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006

16	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
17	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
18	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
19	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
20	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
21	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
22	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
23	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
24	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
25	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
26	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
27	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
28	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
29	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
30	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
31	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
32	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
33	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
34	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
35	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
36	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
37	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
38	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
39	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
40	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
41	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
42	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
43	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
44	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
45	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
46	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
47	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
48	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
49	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
50	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
51	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
52	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
53	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
54	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
55	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
56	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
57	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
58	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
59	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
60	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
61	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
62	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
63	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
64	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
65	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
66	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
67	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
68	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
69	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
70	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
71	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
72	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
73	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
74	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
75	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
76	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
77	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
78	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
79	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
80	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006

M	N= 52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
3	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
4	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
5	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
6	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
7	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
8	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
9	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
10	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
11	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
12	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
13	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
14	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
15	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
16	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
17	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
18	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
19	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
20	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
21	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
22	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
23	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
24	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
25	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
26	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
27	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
28	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
29	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
30	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
31	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
32	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
33	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006

34	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
35	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
36	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
37	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
38	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
39	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
40	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
41	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
42	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
43	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
44	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
45	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
46	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
47	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
48	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
49	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
50	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
51	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
52	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
53	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
54	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
55	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
56	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
57	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
58	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
59	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
60	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
61	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
62	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
63	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
64	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
65	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
66	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
67	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
68	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
69	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
70	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
71	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
72	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
73	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
74	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
75	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
76	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
77	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
78	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
79	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
80	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006

M	N= 69	70	71	72	73	74	75	76	77	78	79	80
1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
3	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
4	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
5	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
6	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
7	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
8	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
9	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
10	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
11	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
12	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
13	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
14	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
15	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
16	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
17	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
18	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
19	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
20	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
21	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
22	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
23	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
24	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
25	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
26	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
27	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
28	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
29	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
30	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
31	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
32	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
33	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
34	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
35	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
36	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
37	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
38	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
39	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
40	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
41	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
42	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
43	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
44	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
45	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
46	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
47	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
48	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
49	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
50	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
51	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006

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 52  0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006
 53  0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006
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 55  0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006
 56  0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006
 57  0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006
 58  0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006
 59  0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006
 60  0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006
 61  0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006
 62  0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006
 63  0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006
 64  0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006
 65  0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006
 66  0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006
 67  0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006
 68  0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006
 69  0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006
 70  0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006
 71  0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006
 72  0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006
 73  0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006
 74  0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006
 75  0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006
 76  0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006
 77  0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006
 78  0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006
 79  0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006
 80  0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006
TIME PARAMETERS:

          DURATION OF THE DISPOSAL, TREL =     240.00 SECONDS

          DURATION OF THE SIMULATION, TSTOP =    3600.00 SECONDS

          LONG-TERM TIME STEP USED IN THE SIMULATION, DTL =     150.00 SECONDS


 HOPPER DREDGE DESCRIPTION:

          TOTAL NUMBER OF BINS =  4

          NUMBER OF BINS OPENING SIMULTANEOUSLY, NBINS =  2

          NUMBER OF DISCHARGES, NOPENS = 2

          LENGTH OF BIN, BINL =   25.     FT

          WIDTH OF BIN, BINW =   20.     FT

          DISTANCE BETWEEN BINS, TDIS =   5.0     FT

          SIMULATED LENGTH OF DISCHARGE PARALLEL TO FORE-AFT AXIS, BARGL =   25.     FT

          SIMULATED WIDTH OF DISCHARGE PERPENDICULAR TO FORE-AFT AXIS, BARGW =   45.     FT

          DRAFT OF LOADED HOPPER DREDGE, DREL1 =   6.20     FT

          DRAFT OF UNLOADED HOPPER DREDGE, DREL2 =  0.600     FT
MODEL COEFFICIENTS READ FROM INPUT:

          TURBULENT THERMAL ENTRAINMENT             ALPHA0 =    0.2350

          SETTLING COEFFICIENT                      BETA   =    0.0000

          APPARENT MASS COEFFICIENT                 CM     =    1.0000

          DRAG COEFFICIENT FOR A SPHERE             CD     =    0.5000

          RATIO--CLOUD/AMBIENT DENSITY GRADIENTS    GAMA   =    0.2500

          FORM DRAG FOR COLLAPSING CLOUD            CDRAG  =    1.0000

          SKIN FRICTION FOR COLLAPSING CLOUD        CFRIC  =    0.0100

          DRAG FOR AN ELLIPSOIDAL WEDGE             CD3    =    0.1000

          DRAG FOR A PLATE                          CD4    =    1.0000

          ENTRAINMENT IN COLLAPSE                   ALPHAC =    0.1000

          FRICTION BETWEEN CLOUD AND BOTTOM         FRICTN =    0.0100

          4/3 LAW HORIZ. DIFF. DISSIPATION FACTOR   ALAMDA  =    0.0010

          UNSTRATIFIED WATER VERT. DIFF. COEF.      AKY0   =    0.0250

          STRIPPING COEF. OF FINES DURING CONVERTIVE DESCENT=    0.0030
MATERIAL DESCRIPTION:   2 LAYERS OF DREDGED MATERIAL WITH 3 SOLIDS FRACTIONS

          VOLUMETRIC CONCENTRATIONS OF SOLIDS FRACTIONS DO NOT VARY FROM LAYER TO LAYER.


                              L A Y E R  1


                   SPEC. GRAV.   VOLUMETRIC     FALL    DEPOSITIONAL
          DESCRIPTION  OR DENSITY  CONCENTRATION  VELOCITY   VOID RATIO   CHARACTER
                        (GM/CC)      (VOL/VOL)      (FPS)
            SAND        2.700        0.4503        0.10000    0.6000       NONCOHESIVE
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            CRITICAL SHEAR STRESS FOR DEPOSITION =  0.2500E-01 LBS/SQ. FT.
            SEDIMENT FRACTION WILL BE STRIPPED DURING CONVECTIVE DESCENT.

          Silt        2.650        0.6100E-01    0.01000     4.500       COHESIVE
            CRITICAL SHEAR STRESS FOR DEPOSITION =  0.8500E-02 LBS/SQ. FT.
            SEDIMENT FRACTION WILL BE STRIPPED DURING CONVECTIVE DESCENT.

          Clay        2.650        0.1000E-01    0.00200     7.500       COHESIVE
            CRITICAL SHEAR STRESS FOR DEPOSITION =  0.3800E-02 LBS/SQ. FT.
            SEDIMENT FRACTION WILL BE STRIPPED DURING CONVECTIVE DESCENT.


 WATER QUALITY ANALYSIS DATA:

          CONCENTRATIONS OF Ammonia  FOLLOWING INITIAL MIXING OF THE FLUID
            ARE COMPUTED FOR WATER QUALITY EVALUATIONS.

          THE INITIAL CONCENTRATION OF Ammonia  IS   5.50000     MG/L
            AND ITS BACKGROUND CONCENTRATION IS  0.1000000     MG/L.

          THE WATER QUALITY STANDARD FOR Ammonia  IS  0.2000000E-01 MG/L.


          ACUTE WATER QUALITY STANDARD FOR Ammonia  IS  0.2000000E-01 MG/L



                      SPEC. GRAV.   VOLUMETRIC
          DESCRIPTION  OR DENSITY  CONCENTRATION
                         (GM/CC)     (VOL/VOL)

            FLUID      0.9993        0.4787
DISCHARGE PARAMETERS:

          VOLUME OF LAYER 1 =    75.00     CU YD

          DEPTH IS TOO SHALLOW FOR CONVECTIVE DESCENT SO DESCENT IS BYPASSED.
CLOUD COLLAPSE PHASE:


          IN TRIAL #1 THE COLLAPSE PHASE TIME STEP (DT) WAS  0.10000000     SECONDS.
                      THE TOTAL NUMBER OF INTEGRATION TIME STEPS (ISTEP) FOR CONVECTIVE DESCENT AND COLAPSE WAS   45.
                      THE INTEGRATION TIME STEP NUMBER WHEN THE BED WAS ENCOUNTERED (IBED) WAS    1.
                      THE BOTTOM WAS ENCOUNTERED DURING CONVECTIVE DESCENT.
                      DIFFUSION OF THE DISCHARGE IS GREATER THAN DYNAMIC SPREADING FROM THE COLLAPSE.

          IN TRIAL #2 THE COLLAPSE PHASE TIME STEP (DT) WAS  0.14666667E-01 SECONDS.
                      THE TOTAL NUMBER OF INTEGRATION TIME STEPS (ISTEP) FOR CONVECTIVE DESCENT AND COLAPSE WAS  293.
                      THE INTEGRATION TIME STEP NUMBER WHEN THE BED WAS ENCOUNTERED (IBED) WAS    1.
                      THE BOTTOM WAS ENCOUNTERED DURING CONVECTIVE DESCENT.
                      DIFFUSION OF THE DISCHARGE IS GREATER THAN DYNAMIC SPREADING FROM THE COLLAPSE.
COLLAPSE PHASE RESULTS:
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TIME FROM DISPOSAL (SEC)	CLOUD CENTROID (DISTANCE FROM BARGE) X-DIR (FT)	DEPTH (FT)	Z-DIR (FT)	VELOCITY OF CLOUD CENTROID X-DIR (FPS)	DOWN (FPS)	Z-DIR (FPS)	DIFFERENCE OF CLOUD & WATER DENSITIES (G/CC)	CLOUD THICKNESS (FT)	ELLIPSOIDAL CLOUD AXIS LENGTHS MINOR (FT)	MAJOR (FT)	TRACER CONC. (MG/L)	VOLUME OF SOLID FRACTIONS (CU FT)	SOLIDS VOL. CONC. BY FRACTION (VOL/VOL)
120.00	0.00	8.19	0.00	0.00	0.01	0.00	0.8824E+00	4.57	29.08	29.08	0.2633E+01	0.9119E+03	0.4503E+00
												0.1235E+03	0.6100E-01
												0.2025E+02	0.1000E-01
120.06	0.00	7.98	0.00	0.00	0.69	0.00	0.8255E+00	5.11	26.68	26.68	0.2791E+01	0.8006E+03	0.4200E+00
												0.1084E+03	0.5690E-01
												0.1778E+02	0.9327E-02
120.12	0.00	8.03	0.00	0.00	0.93	0.00	0.8176E+00	4.98	27.16	27.16	0.2767E+01	0.8001E+03	0.4160E+00
												0.1084E+03	0.5635E-01
												0.1777E+02	0.9238E-02
120.18	0.00	8.09	0.00	0.00	1.12	0.00	0.8073E+00	4.82	27.78	27.78	0.2736E+01	0.7994E+03	0.4108E+00
												0.1083E+03	0.5565E-01
												0.1775E+02	0.9122E-02
120.23	0.00	8.16	0.00	0.00	1.24	0.00	0.7949E+00	4.63	28.54	28.54	0.2698E+01	0.7986E+03	0.4045E+00
												0.1082E+03	0.5479E-01
												0.1774E+02	0.8982E-02
120.29	0.00	8.24	0.00	0.00	1.30	0.00	0.7807E+00	4.43	29.43	29.43	0.2654E+01	0.7977E+03	0.3972E+00
												0.1081E+03	0.5381E-01
												0.1772E+02	0.8821E-02
120.35	0.00	8.32	0.00	0.00	1.32	0.00	0.7649E+00	4.22	30.43	30.43	0.2605E+01	0.7968E+03	0.3892E+00
												0.1079E+03	0.5272E-01
												0.1769E+02	0.8642E-02
120.41	0.00	8.39	0.00	0.00	1.30	0.00	0.7478E+00	4.02	31.54	31.54	0.2552E+01	0.7958E+03	0.3805E+00
												0.1078E+03	0.5154E-01
												0.1767E+02	0.8449E-02
120.47	0.00	8.47	0.00	0.00	1.26	0.00	0.7297E+00	3.82	32.73	32.73	0.2496E+01	0.7947E+03	0.3713E+00
												0.1077E+03	0.5029E-01
												0.1765E+02	0.8245E-02
120.53	0.00	8.54	0.00	0.00	1.19	0.00	0.7109E+00	3.63	33.99	33.99	0.2437E+01	0.7937E+03	0.3617E+00
												0.1075E+03	0.4900E-01
												0.1763E+02	0.8032E-02
120.59	0.00	8.61	0.00	0.00	1.12	0.00	0.6916E+00	3.45	35.33	35.33	0.2377E+01	0.7926E+03	0.3519E+00
												0.1074E+03	0.4766E-01
												0.1760E+02	0.7814E-02
120.65	0.00	8.67	0.00	0.00	1.04	0.00	0.6720E+00	3.28	36.72	36.72	0.2315E+01	0.7916E+03	0.3419E+00
												0.1072E+03	0.4632E-01
												0.1758E+02	0.7593E-02
120.70	0.00	8.73	0.00	0.00	0.96	0.00	0.6524E+00	3.13	38.15	38.15	0.2253E+01	0.7906E+03	0.3319E+00
												0.1071E+03	0.4497E-01
												0.1756E+02	0.7372E-02
120.76	0.00	8.78	0.00	0.00	0.88	0.00	0.6330E+00	2.98	39.62	39.62	0.2192E+01	0.7897E+03	0.3221E+00
												0.1070E+03	0.4363E-01

												0.1754E+02	0.7152E-02
120.82	0.00	8.83	0.00	0.00	0.81	0.00	0.6139E+00	2.85	41.12	41.12	0.2131E+01	0.7888E+03	0.3123E+00
												0.1068E+03	0.4231E-01
												0.1752E+02	0.6936E-02
120.88	0.00	8.88	0.00	0.00	0.74	0.00	0.5952E+00	2.73	42.64	42.64	0.2071E+01	0.7879E+03	0.3028E+00
												0.1067E+03	0.4102E-01
												0.1750E+02	0.6725E-02
120.94	0.00	8.92	0.00	0.00	0.68	0.00	0.5771E+00	2.62	44.18	44.18	0.2013E+01	0.7870E+03	0.2936E+00
												0.1066E+03	0.3977E-01
												0.1748E+02	0.6520E-02
121.00	0.00	8.95	0.00	0.00	0.62	0.00	0.5597E+00	2.52	45.71	45.71	0.1958E+01	0.7863E+03	0.2847E+00
												0.1065E+03	0.3857E-01
												0.1746E+02	0.6324E-02
121.06	0.00	8.99	0.00	0.00	0.56	0.00	0.5430E+00	2.43	47.25	47.25	0.1904E+01	0.7855E+03	0.2763E+00
												0.1064E+03	0.3742E-01
												0.1744E+02	0.6135E-02
121.11	0.00	9.02	0.00	0.00	0.51	0.00	0.5271E+00	2.35	48.77	48.77	0.1853E+01	0.7848E+03	0.2682E+00
												0.1063E+03	0.3633E-01
												0.1743E+02	0.5956E-02
121.17	0.00	9.05	0.00	0.01	0.47	0.00	0.5121E+00	2.27	50.28	50.28	0.1804E+01	0.7841E+03	0.2605E+00
												0.1062E+03	0.3529E-01
												0.1741E+02	0.5786E-02
121.23	0.00	9.07	0.00	0.01	0.43	0.00	0.4979E+00	2.20	51.76	51.76	0.1758E+01	0.7835E+03	0.2533E+00
												0.1061E+03	0.3431E-01
												0.1740E+02	0.5625E-02
121.29	0.00	9.10	0.00	0.01	0.39	0.00	0.4845E+00	2.14	53.22	53.22	0.1715E+01	0.7829E+03	0.2465E+00
												0.1061E+03	0.3339E-01
												0.1739E+02	0.5474E-02
121.35	0.00	9.12	0.00	0.01	0.36	0.00	0.4719E+00	2.08	54.64	54.64	0.1674E+01	0.7823E+03	0.2401E+00
												0.1060E+03	0.3253E-01
												0.1737E+02	0.5332E-02
121.41	0.00	9.14	0.00	0.01	0.33	0.00	0.4602E+00	2.03	56.03	56.03	0.1636E+01	0.7818E+03	0.2341E+00
												0.1059E+03	0.3172E-01
												0.1736E+02	0.5200E-02
121.47	0.00	9.16	0.00	0.01	0.30	0.00	0.4492E+00	1.98	57.37	57.37	0.1600E+01	0.7813E+03	0.2286E+00
												0.1058E+03	0.3096E-01
												0.1735E+02	0.5076E-02
121.53	0.00	9.17	0.00	0.01	0.27	0.00	0.4390E+00	1.94	58.68	58.68	0.1567E+01	0.7809E+03	0.2234E+00
												0.1058E+03	0.3026E-01
												0.1734E+02	0.4960E-02
121.58	0.01	9.19	0.00	0.01	0.25	0.00	0.4295E+00	1.90	59.94	59.94	0.1536E+01	0.7804E+03	0.2185E+00
												0.1057E+03	0.2960E-01
												0.1733E+02	0.4852E-02
121.64	0.01	9.20	0.00	0.01	0.23	0.00	0.4206E+00	1.86	61.16	61.16	0.1507E+01	0.7800E+03	0.2140E+00
												0.1057E+03	0.2899E-01
												0.1732E+02	0.4752E-02
121.70	0.01	9.21	0.00	0.01	0.21	0.00	0.4123E+00	1.83	62.34	62.34	0.1480E+01	0.7797E+03	0.2097E+00
												0.1056E+03	0.2841E-01
												0.1731E+02	0.4658E-02
121.76	0.01	9.23	0.00	0.01	0.20	0.00	0.4045E+00	1.80	63.47	63.47	0.1455E+01	0.7793E+03	0.2058E+00
												0.1056E+03	0.2788E-01
												0.1731E+02	0.4570E-02
121.82	0.01	9.24	0.00	0.01	0.18	0.00	0.3973E+00	1.77	64.56	64.56	0.1431E+01	0.7790E+03	0.2021E+00
												0.1055E+03	0.2738E-01
												0.1730E+02	0.4489E-02
121.88	0.01	9.25	0.00	0.01	0.17	0.00	0.3905E+00	1.74	65.61	65.61	0.1409E+01	0.7787E+03	0.1987E+00
												0.1055E+03	0.2691E-01
												0.1729E+02	0.4412E-02
121.94	0.01	9.26	0.00	0.00	0.16	0.00	0.3842E+00	1.71	66.63	66.63	0.1388E+01	0.7784E+03	0.1955E+00
												0.1054E+03	0.2648E-01
												0.1729E+02	0.4341E-02
121.99	0.01	9.27	0.00	0.00	0.15	0.00	0.3782E+00	1.69	67.60	67.60	0.1369E+01	0.7781E+03	0.1924E+00
												0.1054E+03	0.2607E-01
												0.1728E+02	0.4274E-02
122.05	0.01	9.27	0.00	0.00	0.14	0.00	0.3727E+00	1.67	68.55	68.55	0.1350E+01	0.7778E+03	0.1896E+00
												0.1054E+03	0.2568E-01
												0.1727E+02	0.4211E-02
122.11	0.01	9.28	0.00	0.00	0.13	0.00	0.3674E+00	1.65	69.45	69.45	0.1333E+01	0.7776E+03	0.1869E+00
												0.1053E+03	0.2532E-01
												0.1727E+02	0.4151E-02
122.17	0.01	9.29	0.00	0.00	0.12	0.00	0.3625E+00	1.63	70.33	70.33	0.1317E+01	0.7773E+03	0.1844E+00
												0.1053E+03	0.2498E-01
												0.1726E+02	0.4095E-02
122.23	0.01	9.30	0.00	0.00	0.11	0.00	0.3578E+00	1.61	71.18	71.18	0.1302E+01	0.7771E+03	0.1820E+00
												0.1053E+03	0.2466E-01
												0.1726E+02	0.4043E-02
122.29	0.01	9.30	0.00	0.00	0.11	0.00	0.3534E+00	1.59	72.00	72.00	0.1287E+01	0.7769E+03	0.1798E+00
												0.1052E+03	0.2436E-01
												0.1725E+02	0.3993E-02
122.35	0.01	9.31	0.00	0.00	0.10	0.00	0.3492E+00	1.58	72.79	72.79	0.1273E+01	0.7767E+03	0.1777E+00
												0.1052E+03	0.2407E-01
												0.1725E+02	0.3946E-02
122.40	0.01	9.31	0.00	0.00	0.10	0.00	0.3452E+00	1.56	73.56	73.56	0.1260E+01	0.7765E+03	0.1756E+00
												0.1052E+03	0.2379E-01
												0.1724E+02	0.3901E-02
122.46	0.01	9.32	0.00	0.00	0.09	0.00	0.3415E+00	1.55	74.30	74.30	0.1248E+01	0.7763E+03	0.1737E+00
												0.1052E+03	0.2353E-01
												0.1724E+02	0.3858E-02
122.52	0.01	9.33	0.00	0.00	0.09	0.00	0.3379E+00	1.53	75.02	75.02	0.1236E+01	0.7761E+03	0.1719E+00
												0.1051E+03	0.2329E-01
												0.1724E+02	0.3817E-02
122.58	0.01	9.33	0.00	0.00	0.08	0.00	0.3344E+00	1.52	75.73	75.73	0.1225E+01	0.7759E+03	0.1701E+00
												0.1051E+03	0.2305E-01
												0.1723E+02	0.3779E-02
122.64	0.01	9.34	0.00	0.00	0.08	0.00	0.3312E+00	1.51	76.41	76.41	0.1214E+01	0.7758E+03	0.1685E+00
												0.1051E+03	0.2282E-01
												0.1723E+02	0.3741E-02
122.70	0.01	9.34	0.00	0.00	0.08	0.00	0.3280E+00	1.49	77.08	77.08	0.1204E+01	0.7756E+03	0.1669E+00
												0.1051E+03	0.2261E-01
												0.1722E+02	0.3706E-02
122.76	0.01	9.34	0.00	0.00	0.07	0.00	0.3250E+00	1.48	77.72	77.72	0.1194E+01	0.7755E+03	0.1653E+00

												0.1050E+03	0.2240E-01
												0.1722E+02	0.3672E-02
122.82	0.01	9.35	0.00	0.00	0.07	0.00	0.3221E+00	1.47	78.36	78.36	0.1184E+01	0.7753E+03	0.1639E+00
												0.1050E+03	0.2220E-01
												0.1722E+02	0.3639E-02
122.87	0.01	9.35	0.00	0.00	0.07	0.00	0.3193E+00	1.46	78.98	78.98	0.1175E+01	0.7752E+03	0.1625E+00
												0.1050E+03	0.2201E-01
												0.1721E+02	0.3608E-02
122.93	0.01	9.36	0.00	0.00	0.06	0.00	0.3167E+00	1.45	79.58	79.58	0.1166E+01	0.7750E+03	0.1611E+00
												0.1050E+03	0.2182E-01
												0.1721E+02	0.3578E-02
122.99	0.01	9.36	0.00	0.00	0.06	0.00	0.3141E+00	1.44	80.17	80.17	0.1158E+01	0.7749E+03	0.1598E+00
												0.1050E+03	0.2165E-01
												0.1721E+02	0.3549E-02
123.05	0.01	9.36	0.00	0.00	0.06	0.00	0.3116E+00	1.43	80.75	80.75	0.1149E+01	0.7748E+03	0.1585E+00
												0.1050E+03	0.2147E-01
												0.1721E+02	0.3520E-02
123.11	0.01	9.37	0.00	0.00	0.06	0.00	0.3092E+00	1.42	81.32	81.32	0.1142E+01	0.7746E+03	0.1573E+00
												0.1049E+03	0.2131E-01
												0.1720E+02	0.3493E-02
123.17	0.01	9.37	0.00	0.00	0.06	0.00	0.3069E+00	1.41	81.88	81.88	0.1134E+01	0.7745E+03	0.1561E+00
												0.1049E+03	0.2115E-01
												0.1720E+02	0.3467E-02
123.23	0.01	9.37	0.00	0.00	0.05	0.00	0.3046E+00	1.40	82.42	82.42	0.1126E+01	0.7744E+03	0.1550E+00
												0.1049E+03	0.2099E-01
												0.1720E+02	0.3442E-02
123.28	0.01	9.38	0.00	0.00	0.05	0.00	0.3024E+00	1.40	82.96	82.96	0.1119E+01	0.7743E+03	0.1539E+00
												0.1049E+03	0.2084E-01
												0.1719E+02	0.3417E-02
123.34	0.01	9.38	0.00	0.00	0.05	0.00	0.3003E+00	1.39	83.48	83.48	0.1112E+01	0.7742E+03	0.1528E+00
												0.1049E+03	0.2070E-01
												0.1719E+02	0.3393E-02
123.40	0.01	9.38	0.00	0.00	0.05	0.00	0.2983E+00	1.38	84.00	84.00	0.1106E+01	0.7740E+03	0.1517E+00
												0.1049E+03	0.2056E-01
												0.1719E+02	0.3370E-02
123.46	0.01	9.39	0.00	0.00	0.05	0.00	0.2963E+00	1.37	84.51	84.51	0.1099E+01	0.7739E+03	0.1507E+00
												0.1048E+03	0.2042E-01
												0.1719E+02	0.3347E-02
123.52	0.01	9.39	0.00	0.00	0.05	0.00	0.2943E+00	1.37	85.01	85.01	0.1093E+01	0.7738E+03	0.1497E+00
												0.1048E+03	0.2028E-01
												0.1718E+02	0.3325E-02
123.58	0.01	9.39	0.00	0.00	0.05	0.00	0.2924E+00	1.36	85.51	85.51	0.1086E+01	0.7737E+03	0.1488E+00
												0.1048E+03	0.2015E-01
												0.1718E+02	0.3304E-02
123.64	0.01	9.39	0.00	0.00	0.04	0.00	0.2906E+00	1.35	85.99	85.99	0.1080E+01	0.7736E+03	0.1478E+00
												0.1048E+03	0.2003E-01
												0.1718E+02	0.3283E-02
123.70	0.01	9.40	0.00	0.00	0.04	0.00	0.2888E+00	1.34	86.47	86.47	0.1074E+01	0.7735E+03	0.1469E+00
												0.1048E+03	0.1990E-01
												0.1718E+02	0.3263E-02
123.75	0.01	9.40	0.00	0.00	0.04	0.00	0.2871E+00	1.34	86.94	86.94	0.1069E+01	0.7734E+03	0.1460E+00
												0.1048E+03	0.1978E-01
												0.1718E+02	0.3243E-02
123.81	0.01	9.40	0.00	0.00	0.04	0.00	0.2854E+00	1.33	87.41	87.41	0.1063E+01	0.7733E+03	0.1452E+00
												0.1048E+03	0.1967E-01
												0.1717E+02	0.3224E-02
123.87	0.01	9.40	0.00	0.00	0.04	0.00	0.2837E+00	1.33	87.87	87.87	0.1057E+01	0.7732E+03	0.1443E+00
												0.1047E+03	0.1955E-01
												0.1717E+02	0.3205E-02
123.93	0.01	9.41	0.00	0.00	0.04	0.00	0.2821E+00	1.32	88.32	88.32	0.1052E+01	0.7731E+03	0.1435E+00
												0.1047E+03	0.1944E-01
												0.1717E+02	0.3187E-02
123.99	0.01	9.41	0.00	0.00	0.04	0.00	0.2805E+00	1.31	88.77	88.77	0.1047E+01	0.7730E+03	0.1427E+00
												0.1047E+03	0.1933E-01
												0.1717E+02	0.3169E-02
124.05	0.01	9.41	0.00	0.00	0.04	0.00	0.2789E+00	1.31	89.22	89.22	0.1042E+01	0.7730E+03	0.1419E+00
												0.1047E+03	0.1922E-01
												0.1717E+02	0.3151E-02
124.11	0.01	9.41	0.00	0.00	0.04	0.00	0.2774E+00	1.30	89.65	89.65	0.1037E+01	0.7729E+03	0.1411E+00
												0.1047E+03	0.1912E-01
												0.1716E+02	0.3134E-02
124.16	0.01	9.41	0.00	0.00	0.04	0.00	0.2759E+00	1.30	90.09	90.09	0.1032E+01	0.7728E+03	0.1404E+00
												0.1047E+03	0.1902E-01
												0.1716E+02	0.3117E-02
124.22	0.01	9.42	0.00	0.00	0.04	0.00	0.2745E+00	1.29	90.51	90.51	0.1027E+01	0.7727E+03	0.1396E+00
												0.1047E+03	0.1892E-01
												0.1716E+02	0.3101E-02
124.28	0.01	9.42	0.00	0.00	0.03	0.00	0.2730E+00	1.28	90.94	90.94	0.1022E+01	0.7726E+03	0.1389E+00
												0.1047E+03	0.1882E-01
												0.1716E+02	0.3085E-02

FALL VELOCITY OF COHESIVE MATERIAL IS 0.006900 FT/SEC COMPUTED FOR Silt

FALL VELOCITY OF COHESIVE MATERIAL IS 0.006900 FT/SEC COMPUTED FOR Clay

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (CU FT)	ENTRAINED MASS (CU FT)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
NEW CLOUD CREATED, NTCLD(K) (K = 1) = 1									
120.4	400.0	600.0	28.21	6.470	0.6076	116.4	0.0000E+00	30	1
NEW CLOUD CREATED, NTCLD(K) (K = 1) = 2									
120.9	400.0	600.0	37.12	7.078	1.175	7.186	0.0000E+00	59	30
NEW CLOUD CREATED, NTCLD(K) (K = 1) = 3									
121.3	400.0	600.0	46.84	8.252	0.6342	5.268	0.0000E+00	88	59
NEW CLOUD CREATED, NTCLD(K) (K = 1) = 4									
121.7	400.0	600.0	55.24	8.886	0.3300	3.376	0.0000E+00	117	88

NEW CLOUD CREATED, NTCLD(K) (K = 1) = 5

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	CLOUD CENTROID Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (CU FT)	ENTRAINED MASS (CU FT)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
122.1	400.0	600.0	61.75	9.216	0.1850	2.158	0.0000E+00	146	117

NEW CLOUD CREATED, NTCLD(K) (K = 1) = 6

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	CLOUD CENTROID Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (CU FT)	ENTRAINED MASS (CU FT)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
122.6	400.0	600.0	66.80	9.401	0.1166	1.480	0.0000E+00	175	146

NEW CLOUD CREATED, NTCLD(K) (K = 1) = 7

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	CLOUD CENTROID Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (CU FT)	ENTRAINED MASS (CU FT)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
123.0	400.0	600.0	70.92	9.518	0.8204E-01	1.105	0.0000E+00	204	175

NEW CLOUD CREATED, NTCLD(K) (K = 1) = 8

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	CLOUD CENTROID Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (CU FT)	ENTRAINED MASS (CU FT)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
123.4	400.0	600.0	74.44	9.600	0.6271E-01	0.8852	0.0000E+00	233	204

NEW CLOUD CREATED, NTCLD(K) (K = 1) = 9

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	CLOUD CENTROID Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (CU FT)	ENTRAINED MASS (CU FT)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
123.8	400.0	600.0	77.57	9.663	0.5074E-01	0.7444	0.0000E+00	262	233

NEW CLOUD CREATED, NTCLD(K) (K = 1) = 10

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	CLOUD CENTROID Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (CU FT)	ENTRAINED MASS (CU FT)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
124.3	400.0	600.0	80.40	9.713	0.4264E-01	0.6466	0.0000E+00	291	262

NEW CLOUD CREATED, NTCLD(K) (K = 1) = 11

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	CLOUD CENTROID Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (CU FT)	ENTRAINED MASS (CU FT)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
124.3	400.0	600.0	80.59	8.615	1.285	772.7	0.0000E+00	293	291

NOTE -- When all solid material has settled from a cloud, the cloud is erased and
the remaining clouds for this solids type are renumbered.

NEW CLOUD CREATED, NTCLD(K) (K = 2) = 1

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	CLOUD CENTROID Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (CU FT)	ENTRAINED MASS (CU FT)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
120.4	400.0	600.0	28.21	6.470	0.6076	15.76	0.0000E+00	30	1

NEW CLOUD CREATED, NTCLD(K) (K = 2) = 2

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	CLOUD CENTROID Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (CU FT)	ENTRAINED MASS (CU FT)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
120.9	400.0	600.0	37.12	7.078	1.175	0.9735	0.0000E+00	59	30

NEW CLOUD CREATED, NTCLD(K) (K = 2) = 3

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	CLOUD CENTROID Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (CU FT)	ENTRAINED MASS (CU FT)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
121.3	400.0	600.0	46.84	8.252	0.6342	0.7136	0.0000E+00	88	59

NEW CLOUD CREATED, NTCLD(K) (K = 2) = 4

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	CLOUD CENTROID Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (CU FT)	ENTRAINED MASS (CU FT)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
121.7	400.0	600.0	55.24	8.886	0.3300	0.4574	0.0000E+00	117	88

NEW CLOUD CREATED, NTCLD(K) (K = 2) = 5

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	CLOUD CENTROID Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (CU FT)	ENTRAINED MASS (CU FT)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
122.1	400.0	600.0	61.75	9.216	0.1850	0.2923	0.0000E+00	146	117

NEW CLOUD CREATED, NTCLD(K) (K = 2) = 6

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	CLOUD CENTROID Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (CU FT)	ENTRAINED MASS (CU FT)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
122.6	400.0	600.0	66.80	9.401	0.1166	0.2004	0.0000E+00	175	146

NEW CLOUD CREATED, NTCLD(K) (K = 2) = 7

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	CLOUD CENTROID Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (CU FT)	ENTRAINED MASS (CU FT)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
123.0	400.0	600.0	70.92	9.518	0.8204E-01	0.1497	0.0000E+00	204	175

NEW CLOUD CREATED, NTCLD(K) (K = 2) = 8

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	CLOUD CENTROID Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (CU FT)	ENTRAINED MASS (CU FT)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
123.4	400.0	600.0	74.44	9.600	0.6271E-01	0.1199	0.0000E+00	233	204

NEW CLOUD CREATED, NTCLD(K) (K = 2) = 9

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	CLOUD CENTROID Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (CU FT)	ENTRAINED MASS (CU FT)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
123.8	400.0	600.0	77.57	9.663	0.5074E-01	0.1008	0.0000E+00	262	233

NEW CLOUD CREATED, NTCLD(K) (K = 2) = 10

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	CLOUD CENTROID Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (CU FT)	ENTRAINED MASS (CU FT)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
124.3	400.0	600.0	80.40	9.713	0.4264E-01	0.8757E-01	0.0000E+00	291	262

NEW CLOUD CREATED, NTCLD(K) (K = 2) = 11

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	CLOUD CENTROID Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (CU FT)	ENTRAINED MASS (CU FT)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
124.3	400.0	600.0	80.59	8.615	1.285	104.7	0.0000E+00	293	291

NOTE -- When all solid material has settled from a cloud, the cloud is erased and
the remaining clouds for this solids type are renumbered.

NEW CLOUD CREATED, NTCLD(K) (K = 3) = 1

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	CLOUD CENTROID Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (CU FT)	ENTRAINED MASS (CU FT)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
120.4	400.0	600.0	28.21	6.470	0.6076	2.584	0.0000E+00	30	1

NEW CLOUD CREATED, NTCLD(K) (K = 3) = 2

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	CLOUD CENTROID Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (CU FT)	ENTRAINED MASS (CU FT)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
120.9	400.0	600.0	37.12	7.078	1.175	0.1596	0.0000E+00	59	30

NEW CLOUD CREATED, NTCLD(K) (K = 3) = 3

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	CLOUD CENTROID Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (CU FT)	ENTRAINED MASS (CU FT)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
121.3	400.0	600.0	46.84	8.252	0.6342	0.1170	0.0000E+00	88	59

NEW CLOUD CREATED, NTCLD(K) (K = 3) = 4

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	CLOUD CENTROID Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (CU FT)	ENTRAINED MASS (CU FT)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
121.7	400.0	600.0	55.24	8.886	0.3300	0.7498E-01	0.0000E+00	117	88

NEW CLOUD CREATED, NTCLD(K) (K = 3) = 5

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	CLOUD CENTROID Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (CU FT)	ENTRAINED MASS (CU FT)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
122.1	400.0	600.0	61.75	9.216	0.1850	0.4792E-01	0.0000E+00	146	117

NEW CLOUD CREATED, NTCLD(K) (K = 3) = 6

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	CLOUD CENTROID Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (CU FT)	ENTRAINED MASS (CU FT)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
122.6	400.0	600.0	66.80	9.401	0.1166	0.3286E-01	0.0000E+00	175	146

NEW CLOUD CREATED, NTCLD(K) (K = 3) = 7

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	CLOUD CENTROID Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (CU FT)	ENTRAINED MASS (CU FT)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
123.0	400.0	600.0	70.92	9.518	0.8204E-01	0.2455E-01	0.0000E+00	204	175

NEW CLOUD CREATED, NTCLD(K) (K = 3) = 8

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	CLOUD CENTROID Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (CU FT)	ENTRAINED MASS (CU FT)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
123.4	400.0	600.0	74.44	9.600	0.6271E-01	0.1966E-01	0.0000E+00	233	204

NEW CLOUD CREATED, NTCLD(K) (K = 3) = 9

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	CLOUD CENTROID Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (CU FT)	ENTRAINED MASS (CU FT)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
123.8	400.0	600.0	77.57	9.663	0.5074E-01	0.1653E-01	0.0000E+00	262	233

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     NEW CLOUD CREATED, NTCLD(K) (K =     3) =   10
       124.3       400.0       600.0       80.40       9.713      0.4264E-01  0.1436E-01  0.0000E+00       291             262

     NEW CLOUD CREATED, NTCLD(K) (K =     3) =   11
       124.3       400.0       600.0       80.59       8.615       1.285       17.16      0.0000E+00       293             291


     NOTE -- When all solid material has settled from a cloud, the cloud is erased and
               the remaining clouds for this solids type are renumbered.

     TIME FROM       CLOUD CENTROID      CLOUD X-Z   DEPTH OF   CLOUD VERT.  T O T A L  ENTRAINED   TIME STEP WHEN   TIME STEP WHEN
      DISPOSAL   X-LOCATION  Z-LOCATION   DIAMETER  TOP OF CLOUD THICKNESS     M A S S      MASS       THIS CLOUD     PREVIOUS CLOUD
        (SEC)        (FT)        (FT)        (FT)        (FT)        (FT)      (  MG )     (  MG )     WAS CREATED      WAS CREATED

     NEW CLOUD CREATED, NTCLD(K) (K =     4) =    1
       124.3       400.0       600.0       80.59       8.615       1.285      0.1610E+06  0.1001E+05       293               1


     NOTE -- When all solid material has settled from a cloud, the cloud is erased and
               the remaining clouds for this solids type are renumbered.

MATERIAL DESCRIPTION:   2 LAYERS OF DREDGED MATERIAL WITH 3 SOLIDS FRACTIONS

          VOLUMETRIC CONCENTRATIONS OF SOLIDS FRACTIONS DO NOT VARY FROM LAYER TO LAYER.


                              L A Y E R  2


                    SPEC. GRAV.   VOLUMETRIC     FALL    DEPOSITIONAL
          DESCRIPTION  OR DENSITY  CONCENTRATION  VELOCITY   VOID RATIO   CHARACTER
                        (GM/CC)      (VOL/VOL)      (FPS)
            SAND        2.700        0.4503        0.10000    0.6000       NONCOHESIVE
                CRITICAL SHEAR STRESS FOR DEPOSITION =  0.2500E-01 LBS/SQ. FT.
                SEDIMENT FRACTION WILL BE STRIPPED DURING CONVECTIVE DESCENT.

            Silt        2.650        0.6100E-01    0.01000     4.500       COHESIVE
                CRITICAL SHEAR STRESS FOR DEPOSITION =  0.8500E-02 LBS/SQ. FT.
                SEDIMENT FRACTION WILL BE STRIPPED DURING CONVECTIVE DESCENT.

            Clay        2.650        0.1000E-01    0.00200     7.500       COHESIVE
                CRITICAL SHEAR STRESS FOR DEPOSITION =  0.3800E-02 LBS/SQ. FT.
                SEDIMENT FRACTION WILL BE STRIPPED DURING CONVECTIVE DESCENT.


 WATER QUALITY ANALYSIS DATA:

          CONCENTRATIONS OF Ammonia  FOLLOWING INITIAL MIXING OF THE FLUID
            ARE COMPUTED FOR WATER QUALITY EVALUATIONS.

          THE INITIAL CONCENTRATION OF Ammonia  IS   5.50000     MG/L
            AND ITS BACKGROUND CONCENTRATION IS  0.1000000     MG/L.

          THE WATER QUALITY STANDARD FOR Ammonia  IS  0.2000000E-01 MG/L.


          ACUTE WATER QUALITY STANDARD FOR Ammonia  IS  0.2000000E-01 MG/L



                    SPEC. GRAV.   VOLUMETRIC
          DESCRIPTION  OR DENSITY  CONCENTRATION
                        (GM/CC)      (VOL/VOL)

            FLUID      0.9993        0.4787
DISCHARGE PARAMETERS:

          VOLUME OF LAYER 2 =    75.00     CU YD

          DEPTH IS TOO SHALLOW FOR CONVECTIVE DESCENT SO DESCENT IS BYPASSED.
CLOUD COLLAPSE PHASE:


          IN TRIAL #1 THE COLLAPSE PHASE TIME STEP (DT) WAS  0.10000000     SECONDS.
                      THE TOTAL NUMBER OF INTEGRATION TIME STEPS (ISTEP) FOR CONVECTIVE DESCENT AND COLAPSE WAS   46.
                      THE INTEGRATION TIME STEP NUMBER WHEN THE BED WAS ENCOUNTERED (IBED) WAS    1.
                      THE BOTTOM WAS ENCOUNTERED DURING CONVECTIVE DESCENT.
                      DIFFUSION OF THE DISCHARGE IS GREATER THAN DYNAMIC SPREADING FROM THE COLLAPSE.

          IN TRIAL #2 THE COLLAPSE PHASE TIME STEP (DT) WAS  0.15000001E-01 SECONDS.
                      THE TOTAL NUMBER OF INTEGRATION TIME STEPS (ISTEP) FOR CONVECTIVE DESCENT AND COLAPSE WAS  291.
                      THE INTEGRATION TIME STEP NUMBER WHEN THE BED WAS ENCOUNTERED (IBED) WAS    1.
                      THE BOTTOM WAS ENCOUNTERED DURING CONVECTIVE DESCENT.
                      DIFFUSION OF THE DISCHARGE IS GREATER THAN DYNAMIC SPREADING FROM THE COLLAPSE.
COLLAPSE PHASE RESULTS:

    TIME       CLOUD CENTROID          VELOCITY OF     DIFFERENCE OF          ELLIPSOIDAL CLOUD                VOLUME OF  SOLIDS VOL.
    FROM    (DISTANCE FROM BARGE)     CLOUD CENTROID   CLOUD & WATER   CLOUD     AXIS LENGTHS      TRACER       SOLID     CONC. BY
  DISPOSAL  X-DIR   DEPTH   Z-DIR  X-DIR  DOWN   Z-DIR   DENSITIES   THICKNESS  MINOR    MAJOR      CONC.     FRACTIONS   FRACTION
    (SEC)    (FT)    (FT)    (FT)   (FPS)  (FPS)  (FPS)     (G/CC)      (FT)     (FT)     (FT)      (MG/L)     (CU FT)    (VOL/VOL)

   240.00    0.00    7.86    0.00   0.00   0.01   0.00   0.8824E+00     5.45    26.65    26.65   0.2633E+01  0.9119E+03  0.4503E+00
                                                                                                               0.1235E+03  0.6100E-01
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												0.2025E+02	0.1000E-01
240.06	0.00	7.67	0.00	0.00	0.62	0.00	0.8373E+00	5.95	24.88	24.88	0.2759E+01	0.8221E+03	0.4263E+00
												0.1114E+03	0.5775E-01
												0.1826E+02	0.9466E-02
240.12	0.00	7.72	0.00	0.00	1.05	0.00	0.8308E+00	5.81	25.27	25.27	0.2740E+01	0.8217E+03	0.4229E+00
												0.1113E+03	0.5729E-01
												0.1825E+02	0.9392E-02
240.18	0.00	7.80	0.00	0.00	1.39	0.00	0.8211E+00	5.61	25.87	25.87	0.2712E+01	0.8210E+03	0.4180E+00
												0.1112E+03	0.5663E-01
												0.1823E+02	0.9283E-02
240.24	0.00	7.89	0.00	0.00	1.61	0.00	0.8087E+00	5.36	26.64	26.64	0.2675E+01	0.8201E+03	0.4117E+00
												0.1111E+03	0.5577E-01
												0.1821E+02	0.9143E-02
240.30	0.00	7.99	0.00	0.00	1.73	0.00	0.7940E+00	5.09	27.57	27.57	0.2631E+01	0.8190E+03	0.4042E+00
												0.1110E+03	0.5476E-01
												0.1819E+02	0.8976E-02
240.36	0.00	8.10	0.00	0.00	1.76	0.00	0.7773E+00	4.81	28.65	28.65	0.2581E+01	0.8179E+03	0.3957E+00
												0.1108E+03	0.5360E-01
												0.1816E+02	0.8787E-02
240.42	0.00	8.20	0.00	0.00	1.72	0.00	0.7590E+00	4.53	29.84	29.84	0.2527E+01	0.8166E+03	0.3864E+00
												0.1106E+03	0.5234E-01
												0.1814E+02	0.8581E-02
240.48	0.00	8.30	0.00	0.00	1.64	0.00	0.7395E+00	4.26	31.14	31.14	0.2468E+01	0.8154E+03	0.3765E+00
												0.1105E+03	0.5100E-01
												0.1811E+02	0.8361E-02
240.54	0.00	8.40	0.00	0.00	1.53	0.00	0.7192E+00	4.01	32.53	32.53	0.2407E+01	0.8141E+03	0.3661E+00
												0.1103E+03	0.4960E-01
												0.1808E+02	0.8131E-02
240.60	0.00	8.48	0.00	0.00	1.42	0.00	0.6983E+00	3.78	33.99	33.99	0.2343E+01	0.8128E+03	0.3555E+00
												0.1101E+03	0.4816E-01
												0.1805E+02	0.7894E-02
240.66	0.00	8.56	0.00	0.00	1.30	0.00	0.6771E+00	3.56	35.52	35.52	0.2278E+01	0.8116E+03	0.3447E+00
												0.1099E+03	0.4670E-01
												0.1802E+02	0.7655E-02
240.72	0.00	8.64	0.00	0.00	1.18	0.00	0.6559E+00	3.37	37.09	37.09	0.2213E+01	0.8104E+03	0.3339E+00
												0.1098E+03	0.4523E-01
												0.1800E+02	0.7415E-02
240.78	0.00	8.70	0.00	0.00	1.07	0.00	0.6349E+00	3.19	38.71	38.71	0.2148E+01	0.8093E+03	0.3232E+00
												0.1096E+03	0.4378E-01
												0.1797E+02	0.7178E-02
240.84	0.00	8.76	0.00	0.00	0.96	0.00	0.6143E+00	3.03	40.35	40.35	0.2085E+01	0.8082E+03	0.3127E+00
												0.1095E+03	0.4236E-01
												0.1795E+02	0.6944E-02
240.90	0.00	8.82	0.00	0.00	0.87	0.00	0.5942E+00	2.89	42.02	42.02	0.2022E+01	0.8071E+03	0.3025E+00
												0.1093E+03	0.4097E-01
												0.1792E+02	0.6717E-02
240.96	0.00	8.87	0.00	0.01	0.78	0.00	0.5747E+00	2.76	43.69	43.69	0.1962E+01	0.8062E+03	0.2926E+00
												0.1092E+03	0.3964E-01
												0.1790E+02	0.6498E-02
241.02	0.00	8.91	0.00	0.01	0.71	0.00	0.5561E+00	2.64	45.37	45.37	0.1903E+01	0.8053E+03	0.2831E+00
												0.1091E+03	0.3835E-01
												0.1788E+02	0.6287E-02
241.08	0.00	8.95	0.00	0.01	0.64	0.00	0.5384E+00	2.53	47.04	47.04	0.1848E+01	0.8044E+03	0.2741E+00
												0.1090E+03	0.3713E-01
												0.1786E+02	0.6086E-02
241.14	0.00	8.99	0.00	0.01	0.57	0.00	0.5215E+00	2.44	48.69	48.69	0.1795E+01	0.8036E+03	0.2655E+00
												0.1089E+03	0.3597E-01
												0.1785E+02	0.5896E-02
241.20	0.00	9.02	0.00	0.01	0.52	0.00	0.5056E+00	2.35	50.33	50.33	0.1744E+01	0.8028E+03	0.2574E+00
												0.1088E+03	0.3487E-01
												0.1783E+02	0.5716E-02
241.26	0.00	9.05	0.00	0.01	0.47	0.00	0.4907E+00	2.27	51.93	51.93	0.1697E+01	0.8021E+03	0.2498E+00
												0.1087E+03	0.3384E-01
												0.1781E+02	0.5548E-02
241.32	0.01	9.07	0.00	0.01	0.42	0.00	0.4768E+00	2.20	53.50	53.50	0.1653E+01	0.8015E+03	0.2427E+00
												0.1086E+03	0.3288E-01
												0.1780E+02	0.5390E-02
241.38	0.01	9.10	0.00	0.01	0.38	0.00	0.4637E+00	2.14	55.03	55.03	0.1612E+01	0.8009E+03	0.2361E+00
												0.1085E+03	0.3198E-01
												0.1779E+02	0.5242E-02
241.44	0.01	9.12	0.00	0.01	0.35	0.00	0.4516E+00	2.08	56.51	56.51	0.1573E+01	0.8003E+03	0.2299E+00
												0.1084E+03	0.3114E-01
												0.1777E+02	0.5105E-02
241.50	0.01	9.14	0.00	0.02	0.32	0.00	0.4403E+00	2.03	57.95	57.95	0.1537E+01	0.7998E+03	0.2241E+00
												0.1083E+03	0.3036E-01
												0.1776E+02	0.4978E-02
241.56	0.01	9.16	0.00	0.02	0.29	0.00	0.4298E+00	1.98	59.34	59.34	0.1504E+01	0.7993E+03	0.2188E+00
												0.1083E+03	0.2964E-01
												0.1775E+02	0.4859E-02
241.62	0.01	9.17	0.00	0.02	0.26	0.00	0.4201E+00	1.94	60.68	60.68	0.1473E+01	0.7988E+03	0.2139E+00
												0.1082E+03	0.2897E-01
												0.1774E+02	0.4749E-02
241.68	0.01	9.19	0.00	0.02	0.24	0.00	0.4111E+00	1.90	61.97	61.97	0.1444E+01	0.7984E+03	0.2093E+00
												0.1081E+03	0.2835E-01
												0.1773E+02	0.4647E-02
241.74	0.01	9.20	0.00	0.02	0.22	0.00	0.4027E+00	1.86	63.21	63.21	0.1418E+01	0.7980E+03	0.2050E+00
												0.1081E+03	0.2777E-01
												0.1772E+02	0.4552E-02
241.80	0.01	9.21	0.00	0.01	0.20	0.00	0.3949E+00	1.83	64.40	64.40	0.1393E+01	0.7976E+03	0.2010E+00
												0.1080E+03	0.2723E-01
												0.1771E+02	0.4464E-02
241.86	0.01	9.23	0.00	0.01	0.19	0.00	0.3877E+00	1.80	65.54	65.54	0.1370E+01	0.7972E+03	0.1973E+00
												0.1080E+03	0.2673E-01
												0.1770E+02	0.4383E-02
241.92	0.01	9.24	0.00	0.01	0.17	0.00	0.3809E+00	1.77	66.64	66.64	0.1348E+01	0.7969E+03	0.1939E+00
												0.1080E+03	0.2627E-01
												0.1770E+02	0.4306E-02
241.98	0.01	9.25	0.00	0.01	0.16	0.00	0.3746E+00	1.74	67.69	67.69	0.1328E+01	0.7966E+03	0.1907E+00
												0.1079E+03	0.2583E-01
												0.1769E+02	0.4235E-02
242.04	0.02	9.26	0.00	0.01	0.15	0.00	0.3687E+00	1.72	68.71	68.71	0.1309E+01	0.7963E+03	0.1877E+00

												0.1079E+03	0.2543E-01
												0.1768E+02	0.4169E-02
242.10	0.02	9.27	0.00	0.01	0.14	0.00	0.3632E+00	1.69	69.68	69.68	0.1291E+01	0.7960E+03	0.1849E+00
												0.1078E+03	0.2505E-01
												0.1768E+02	0.4106E-02
242.16	0.02	9.27	0.00	0.01	0.13	0.00	0.3580E+00	1.67	70.62	70.62	0.1275E+01	0.7957E+03	0.1823E+00
												0.1078E+03	0.2469E-01
												0.1767E+02	0.4048E-02
242.22	0.02	9.28	0.00	0.01	0.12	0.00	0.3532E+00	1.65	71.52	71.52	0.1259E+01	0.7955E+03	0.1798E+00
												0.1078E+03	0.2436E-01
												0.1767E+02	0.3993E-02
242.28	0.02	9.29	0.00	0.01	0.11	0.00	0.3486E+00	1.63	72.40	72.40	0.1245E+01	0.7953E+03	0.1775E+00
												0.1077E+03	0.2404E-01
												0.1766E+02	0.3941E-02
242.34	0.02	9.29	0.00	0.00	0.11	0.00	0.3443E+00	1.62	73.24	73.24	0.1231E+01	0.7950E+03	0.1753E+00
												0.1077E+03	0.2374E-01
												0.1766E+02	0.3892E-02
242.40	0.02	9.30	0.00	0.00	0.10	0.00	0.3402E+00	1.60	74.05	74.05	0.1218E+01	0.7948E+03	0.1732E+00
												0.1077E+03	0.2346E-01
												0.1765E+02	0.3846E-02
242.46	0.02	9.31	0.00	0.00	0.10	0.00	0.3363E+00	1.58	74.84	74.84	0.1205E+01	0.7946E+03	0.1712E+00
												0.1076E+03	0.2319E-01
												0.1765E+02	0.3802E-02
242.52	0.02	9.31	0.00	0.00	0.09	0.00	0.3326E+00	1.57	75.60	75.60	0.1193E+01	0.7944E+03	0.1693E+00
												0.1076E+03	0.2294E-01
												0.1764E+02	0.3760E-02
242.58	0.02	9.32	0.00	0.00	0.09	0.00	0.3291E+00	1.55	76.34	76.34	0.1182E+01	0.7942E+03	0.1675E+00
												0.1076E+03	0.2270E-01
												0.1764E+02	0.3721E-02
242.64	0.02	9.32	0.00	0.00	0.08	0.00	0.3258E+00	1.54	77.06	77.06	0.1171E+01	0.7940E+03	0.1658E+00
												0.1076E+03	0.2247E-01
												0.1763E+02	0.3683E-02
242.70	0.02	9.33	0.00	0.00	0.08	0.00	0.3226E+00	1.53	77.75	77.75	0.1161E+01	0.7939E+03	0.1642E+00
												0.1075E+03	0.2225E-01
												0.1763E+02	0.3647E-02
242.76	0.02	9.33	0.00	0.00	0.08	0.00	0.3195E+00	1.51	78.43	78.43	0.1151E+01	0.7937E+03	0.1627E+00
												0.1075E+03	0.2203E-01
												0.1763E+02	0.3612E-02
242.82	0.02	9.34	0.00	0.00	0.07	0.00	0.3166E+00	1.50	79.09	79.09	0.1142E+01	0.7935E+03	0.1612E+00
												0.1075E+03	0.2183E-01
												0.1762E+02	0.3579E-02
242.88	0.02	9.34	0.00	0.00	0.07	0.00	0.3138E+00	1.49	79.74	79.74	0.1133E+01	0.7934E+03	0.1597E+00
												0.1075E+03	0.2164E-01
												0.1762E+02	0.3547E-02
242.94	0.02	9.34	0.00	0.00	0.07	0.00	0.3111E+00	1.48	80.37	80.37	0.1124E+01	0.7932E+03	0.1584E+00
												0.1075E+03	0.2145E-01
												0.1762E+02	0.3517E-02
243.00	0.02	9.35	0.00	0.00	0.06	0.00	0.3085E+00	1.47	80.99	80.99	0.1116E+01	0.7931E+03	0.1570E+00
												0.1074E+03	0.2127E-01
												0.1761E+02	0.3488E-02
243.06	0.02	9.35	0.00	0.00	0.06	0.00	0.3060E+00	1.46	81.59	81.59	0.1108E+01	0.7930E+03	0.1558E+00
												0.1074E+03	0.2110E-01
												0.1761E+02	0.3459E-02
243.12	0.02	9.36	0.00	0.00	0.06	0.00	0.3036E+00	1.45	82.18	82.18	0.1100E+01	0.7928E+03	0.1545E+00
												0.1074E+03	0.2094E-01
												0.1761E+02	0.3432E-02
243.18	0.02	9.36	0.00	0.00	0.06	0.00	0.3013E+00	1.44	82.75	82.75	0.1092E+01	0.7927E+03	0.1534E+00
												0.1074E+03	0.2077E-01
												0.1760E+02	0.3406E-02
243.24	0.02	9.36	0.00	0.00	0.06	0.00	0.2990E+00	1.43	83.32	83.32	0.1085E+01	0.7926E+03	0.1522E+00
												0.1074E+03	0.2062E-01
												0.1760E+02	0.3380E-02
243.30	0.02	9.37	0.00	0.00	0.05	0.00	0.2968E+00	1.42	83.87	83.87	0.1078E+01	0.7924E+03	0.1511E+00
												0.1073E+03	0.2047E-01
												0.1760E+02	0.3356E-02
243.36	0.02	9.37	0.00	0.00	0.05	0.00	0.2947E+00	1.42	84.42	84.42	0.1071E+01	0.7923E+03	0.1500E+00
												0.1073E+03	0.2032E-01
												0.1760E+02	0.3332E-02
243.42	0.02	9.37	0.00	0.00	0.05	0.00	0.2927E+00	1.41	84.95	84.95	0.1065E+01	0.7922E+03	0.1490E+00
												0.1073E+03	0.2018E-01
												0.1759E+02	0.3308E-02
243.48	0.02	9.38	0.00	0.00	0.05	0.00	0.2907E+00	1.40	85.48	85.48	0.1058E+01	0.7921E+03	0.1480E+00
												0.1073E+03	0.2004E-01
												0.1759E+02	0.3286E-02
243.54	0.02	9.38	0.00	0.00	0.05	0.00	0.2887E+00	1.39	86.00	86.00	0.1052E+01	0.7920E+03	0.1470E+00
												0.1073E+03	0.1991E-01
												0.1759E+02	0.3264E-02
243.60	0.02	9.38	0.00	0.00	0.05	0.00	0.2869E+00	1.38	86.51	86.51	0.1046E+01	0.7919E+03	0.1460E+00
												0.1073E+03	0.1978E-01
												0.1759E+02	0.3243E-02
243.66	0.02	9.38	0.00	0.00	0.05	0.00	0.2850E+00	1.38	87.01	87.01	0.1040E+01	0.7918E+03	0.1451E+00
												0.1073E+03	0.1966E-01
												0.1758E+02	0.3222E-02
243.72	0.02	9.39	0.00	0.00	0.04	0.00	0.2832E+00	1.37	87.50	87.50	0.1034E+01	0.7917E+03	0.1442E+00
												0.1072E+03	0.1953E-01
												0.1758E+02	0.3202E-02
243.78	0.02	9.39	0.00	0.00	0.04	0.00	0.2815E+00	1.36	87.99	87.99	0.1029E+01	0.7915E+03	0.1433E+00
												0.1072E+03	0.1941E-01
												0.1758E+02	0.3182E-02
243.84	0.02	9.39	0.00	0.00	0.04	0.00	0.2798E+00	1.36	88.47	88.47	0.1023E+01	0.7914E+03	0.1424E+00
												0.1072E+03	0.1930E-01
												0.1758E+02	0.3163E-02
243.90	0.02	9.39	0.00	0.00	0.04	0.00	0.2782E+00	1.35	88.94	88.94	0.1018E+01	0.7913E+03	0.1416E+00
												0.1072E+03	0.1918E-01
												0.1757E+02	0.3145E-02
243.96	0.02	9.40	0.00	0.00	0.04	0.00	0.2766E+00	1.34	89.41	89.41	0.1013E+01	0.7912E+03	0.1408E+00
												0.1072E+03	0.1907E-01
												0.1757E+02	0.3126E-02
244.02	0.02	9.40	0.00	0.00	0.04	0.00	0.2750E+00	1.34	89.87	89.87	0.1007E+01	0.7912E+03	0.1400E+00
												0.1072E+03	0.1896E-01
												0.1757E+02	0.3109E-02

244.08	0.02	9.40	0.00	0.00	0.04	0.00	0.2734E+00	1.33	90.33	90.33	0.1002E+01	0.7911E+03	0.1392E+00
												0.1072E+03	0.1886E-01
												0.1757E+02	0.3091E-02
244.14	0.02	9.40	0.00	0.00	0.04	0.00	0.2719E+00	1.32	90.78	90.78	0.9976E+00	0.7910E+03	0.1384E+00
												0.1071E+03	0.1875E-01
												0.1757E+02	0.3074E-02
244.20	0.02	9.41	0.00	0.00	0.04	0.00	0.2705E+00	1.32	91.22	91.22	0.9929E+00	0.7909E+03	0.1377E+00
												0.1071E+03	0.1865E-01
												0.1756E+02	0.3057E-02
244.26	0.02	9.41	0.00	0.00	0.04	0.00	0.2690E+00	1.31	91.66	91.66	0.9882E+00	0.7908E+03	0.1369E+00
												0.1071E+03	0.1855E-01
												0.1756E+02	0.3041E-02
244.32	0.02	9.41	0.00	0.00	0.03	0.00	0.2676E+00	1.31	92.09	92.09	0.9837E+00	0.7907E+03	0.1362E+00
												0.1071E+03	0.1845E-01
												0.1756E+02	0.3025E-02

FALL VELOCITY OF COHESIVE MATERIAL IS 0.006900 FT/SEC COMPUTED FOR Silt

FALL VELOCITY OF COHESIVE MATERIAL IS 0.006900 FT/SEC COMPUTED FOR Clay

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	CLOUD CENTROID Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (CU FT)	ENTRAINED MASS (CU FT)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
NEW CLOUD CREATED, NTCLD(K) (K = 1) = 12									
240.4	400.0	600.0	26.73	5.815	0.9824	95.55	0.0000E+00	30	1
NEW CLOUD CREATED, NTCLD(K) (K = 1) = 13									
240.9	400.0	600.0	36.50	6.797	1.507	8.663	0.0000E+00	59	30
NEW CLOUD CREATED, NTCLD(K) (K = 1) = 14									
241.3	400.0	600.0	47.07	8.304	0.7368	6.012	0.0000E+00	88	59
NEW CLOUD CREATED, NTCLD(K) (K = 1) = 15									
241.7	400.0	600.0	56.02	9.041	0.3596	3.683	0.0000E+00	117	88
NEW CLOUD CREATED, NTCLD(K) (K = 1) = 16									
242.2	400.0	600.0	62.79	9.401	0.1941	2.280	0.0000E+00	146	117
NEW CLOUD CREATED, NTCLD(K) (K = 1) = 17									
242.6	400.0	600.0	67.97	9.595	0.1200	1.536	0.0000E+00	175	146
NEW CLOUD CREATED, NTCLD(K) (K = 1) = 18									
243.0	400.0	600.0	72.17	9.715	0.8374E-01	1.139	0.0000E+00	204	175
NEW CLOUD CREATED, NTCLD(K) (K = 1) = 19									
243.5	400.0	600.0	75.75	9.799	0.6383E-01	0.9097	0.0000E+00	233	204
NEW CLOUD CREATED, NTCLD(K) (K = 1) = 20									
243.9	400.0	600.0	78.93	9.848	0.5159E-01	0.7641	0.0000E+00	262	233
NEW CLOUD CREATED, NTCLD(K) (K = 1) = 21									
244.3	400.0	600.0	81.81	8.596	1.304	791.3	0.0000E+00	291	262

NOTE -- When all solid material has settled from a cloud, the cloud is erased and
the remaining clouds for this solids type are renumbered.

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	CLOUD CENTROID Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (CU FT)	ENTRAINED MASS (CU FT)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
NEW CLOUD CREATED, NTCLD(K) (K = 2) = 12									
240.4	400.0	600.0	26.73	5.815	0.9824	12.94	0.0000E+00	30	1
NEW CLOUD CREATED, NTCLD(K) (K = 2) = 13									
240.9	400.0	600.0	36.50	6.797	1.507	1.174	0.0000E+00	59	30
NEW CLOUD CREATED, NTCLD(K) (K = 2) = 14									
241.3	400.0	600.0	47.07	8.304	0.7368	0.8145	0.0000E+00	88	59
NEW CLOUD CREATED, NTCLD(K) (K = 2) = 15									
241.7	400.0	600.0	56.02	9.041	0.3596	0.4988	0.0000E+00	117	88
NEW CLOUD CREATED, NTCLD(K) (K = 2) = 16									
242.2	400.0	600.0	62.79	9.401	0.1941	0.3089	0.0000E+00	146	117
NEW CLOUD CREATED, NTCLD(K) (K = 2) = 17									
242.6	400.0	600.0	67.97	9.595	0.1200	0.2081	0.0000E+00	175	146
NEW CLOUD CREATED, NTCLD(K) (K = 2) = 18									
243.0	400.0	600.0	72.17	9.715	0.8374E-01	0.1543	0.0000E+00	204	175
NEW CLOUD CREATED, NTCLD(K) (K = 2) = 19									
243.5	400.0	600.0	75.75	9.799	0.6383E-01	0.1232	0.0000E+00	233	204
NEW CLOUD CREATED, NTCLD(K) (K = 2) = 20									
243.9	400.0	600.0	78.93	9.848	0.5159E-01	0.1035	0.0000E+00	262	233
NEW CLOUD CREATED, NTCLD(K) (K = 2) = 21									
244.3	400.0	600.0	81.81	8.596	1.304	107.2	0.0000E+00	291	262

NOTE -- When all solid material has settled from a cloud, the cloud is erased and
the remaining clouds for this solids type are renumbered.

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	CLOUD CENTROID Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (CU FT)	ENTRAINED MASS (CU FT)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
NEW CLOUD CREATED, NTCLD(K) (K = 3) = 12									
240.4	400.0	600.0	26.73	5.815	0.9824	2.122	0.0000E+00	30	1
NEW CLOUD CREATED, NTCLD(K) (K = 3) = 13									
240.9	400.0	600.0	36.50	6.797	1.507	0.1924	0.0000E+00	59	30
NEW CLOUD CREATED, NTCLD(K) (K = 3) = 14									
241.3	400.0	600.0	47.07	8.304	0.7368	0.1335	0.0000E+00	88	59
NEW CLOUD CREATED, NTCLD(K) (K = 3) = 15									
241.7	400.0	600.0	56.02	9.041	0.3596	0.8178E-01	0.0000E+00	117	88
NEW CLOUD CREATED, NTCLD(K) (K = 3) = 16									
242.2	400.0	600.0	62.79	9.401	0.1941	0.5063E-01	0.0000E+00	146	117
NEW CLOUD CREATED, NTCLD(K) (K = 3) = 17									
242.6	400.0	600.0	67.97	9.595	0.1200	0.3412E-01	0.0000E+00	175	146
NEW CLOUD CREATED, NTCLD(K) (K = 3) = 18									
243.0	400.0	600.0	72.17	9.715	0.8374E-01	0.2529E-01	0.0000E+00	204	175
NEW CLOUD CREATED, NTCLD(K) (K = 3) = 19									
243.5	400.0	600.0	75.75	9.799	0.6383E-01	0.2019E-01	0.0000E+00	233	204
NEW CLOUD CREATED, NTCLD(K) (K = 3) = 20									
243.9	400.0	600.0	78.93	9.848	0.5159E-01	0.1697E-01	0.0000E+00	262	233
NEW CLOUD CREATED, NTCLD(K) (K = 3) = 21									
244.3	400.0	600.0	81.81	8.596	1.304	17.57	0.0000E+00	291	262

NOTE -- When all solid material has settled from a cloud, the cloud is erased and
the remaining clouds for this solids type are renumbered.

TIME FROM DISPOSAL (SEC)	CLOUD CENTROID X-LOCATION (FT)	CLOUD CENTROID Z-LOCATION (FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	T O T A L M A S S (MG)	ENTRAINED MASS (MG)	TIME STEP WHEN THIS CLOUD WAS CREATED	TIME STEP WHEN PREVIOUS CLOUD WAS CREATED
NEW CLOUD CREATED, NTCLD(K) (K = 4) = 2									
244.3	400.0	600.0	81.81	8.596	1.304	0.1617E+06	0.1074E+05	291	1

NOTE -- When all solid material has settled from a cloud, the cloud is erased and
the remaining clouds for this solids type are renumbered.

LONG TERM DIFFUSION RESULTS:

BEGIN LONG TERM SIMULATION OF FATE OF SAND

SUMMARY OF SAND DISTRIBUTIONS AFTER 300.00 SEC.

TOTAL SUSPENDED MATERIAL (CU FT) = 2.3343
TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) = 1821.4

SUMMARY OF SAND DISTRIBUTIONS AFTER 450.00 SEC.

TOTAL SUSPENDED MATERIAL (CU FT) = 0.27805
TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) = 1823.4

SUMMARY OF SAND DISTRIBUTIONS AFTER 600.00 SEC.

TOTAL SUSPENDED MATERIAL (CU FT) = 0.59408E-01
TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) = 1823.7

SUMMARY OF SAND DISTRIBUTIONS AFTER 750.00 SEC.

TOTAL SUSPENDED MATERIAL (CU FT) = 0.12754E-01
TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) = 1823.7

SUMMARY OF SAND DISTRIBUTIONS AFTER 900.00 SEC.

TOTAL SUSPENDED MATERIAL (CU FT) = 0.27381E-02
TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) = 1823.7

SUMMARY OF SAND DISTRIBUTIONS AFTER 1050.00 SEC.

TOTAL SUSPENDED MATERIAL (CU FT) = 0.58782E-03
TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) = 1823.7

MAX CONC IS 0.00000001 OUTPUT SUPPRESSED AT 2.00 FT

MAX CONC IS 0.00000002 OUTPUT SUPPRESSED AT 5.00 FT

MAX CONC IS 0.00000000 OUTPUT SUPPRESSED AT 9.90 FT

BOTTOM ACCUMULATION OF SAND (CU FT/GRID SQUARE) , 1050.00 SECONDS AFTER DUMP

...MULTIPLY DISPLAYED VALUES BY 1.000 (LEGEND... + = .LT. .01 . = .LT. .0001 0 = .LT. .000001)

M N=	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
2	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
3	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
4	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
5	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
6	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
7	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
8	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
9	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
10	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
11	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
12	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
13	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
14	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
15	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	.
16	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	.
17	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
18	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
19	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
20	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
21	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
22	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
23	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
24	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
25	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
26	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
27	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
28	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
29	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
30	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
31	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
32	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
33	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
34	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
35	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
36	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
37	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
38	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
39	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
40	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
41	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
42	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
43	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
44	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
45	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
46	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
47	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
48	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
49	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
50	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
51	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
52	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
53	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
54	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
55	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
56	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
57	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
58	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
59	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
60	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
61	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
62	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
63	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
64	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
65	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
66	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
67	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
68	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
69	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
70	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
71	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
72	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
73	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
74	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
75	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
76	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
77	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
78	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
79	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O

M N=	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
2	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O

3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	.	.	+	+	+	+	+	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	.	+	+	+	.02	.05	.10	.12	.10	.05	.02	+	+	+	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	.	.	+	+	.04	.26	1.0	2.7	4.8	5.8	4.8	2.7	1.0	.26	.04	+	+	.	.	.	0	0	0	0	0	0	0	0	0	0	0
14	.	+	+	.06	.51	2.8	11	29	52	63	52	29	11	2.8	.51	.06	+	+	+	.	0	0	0	0	0	0	0	0	0	0	0
15	.	+	.01	.18	1.4	8.0	30	78	154	242	154	78	30	8.0	1.4	.18	.01	+	+	.	.	0	0	0	0	0	0	0	0	0	0
16	.	+	.01	.15	1.1	6.3	23	60	127	201	127	60	23	6.3	1.1	.15	.01	+	+	.	.	0	0	0	0	0	0	0	0	0	0
17	.	+	+	.03	.28	1.4	5.2	13	23	29	23	13	5.2	1.4	.28	.03	+	+	+	.	0	0	0	0	0	0	0	0	0	0	0
18	0	.	+	+	.01	.09	.32	.82	1.4	1.7	1.4	.82	.32	.09	.01	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	.	.	+	+	+	.02	.05	.07	.05	.02	+	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	.	.	.	+	+	+	+	.01	+	+	+	+	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	.	.	+	+	+	+	+	+	+	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	.	.	.	+	+	+	+	+	+	+	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	.	.	.	+	+	+	+	+	+	+	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	.	.	.	+	+	+	+	+	+	+	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	.	.	.	.	+	+	+	+	+	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	.	.	.	.	+	+	+	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	.	.	.	.	.	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																														

M N=	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
2	000000000000000000000000000000000000000000000000000000000000000000000000																	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	

```
 24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
SMALL CLOUDS AT    1050.00 SECONDS ELAPSED TIME FOR SAND
```

CLOUD #	LOCATION OF CLOUD CENTROID DISTANCE FROM TOP OF GRID	DISTANCE FROM LEFT OF GRID	MASS FROM DISPOSAL (CU FT)	ENTRAINED MASS (CU FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	SOLIDS FALL VELOCITY (FPS)
1	720.7	600.0	0.9317E-06	0.0000E+00	68.18	0.0000E+00	9.900	0.100000
2	727.0	600.0	0.3024E-03	0.0000E+00	81.38	0.0000E+00	9.900	0.100000
3	725.8	600.0	0.1959E-03	0.0000E+00	95.08	0.0000E+00	9.900	0.100000
4	723.8	600.0	0.5643E-04	0.0000E+00	106.3	0.0000E+00	9.900	0.100000
5	722.0	600.0	0.1156E-04	0.0000E+00	114.7	0.0000E+00	9.900	0.100000
6	707.2	600.0	0.2013E-05	0.0000E+00	121.0	0.0000E+00	9.900	0.100000
7	706.8	600.0	0.9466E-06	0.0000E+00	130.4	0.0000E+00	9.900	0.100000
8	706.8	600.0	0.2079E-06	0.0000E+00	134.2	0.0000E+00	9.900	0.100000
9	723.0	600.0	0.1744E-04	0.0000E+00	137.6	0.0000E+00	9.900	0.100000

```
 SUMMARY OF SAND     DISTRIBUTIONS AFTER    1200.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =    0.12620E-03
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     1823.7



 SUMMARY OF SAND     DISTRIBUTIONS AFTER    1350.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =    0.27093E-04
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     1823.7



 SUMMARY OF SAND     DISTRIBUTIONS AFTER    1500.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =    0.58164E-05
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     1823.7
```

```
 SUMMARY OF SAND     DISTRIBUTIONS AFTER    1650.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =    0.12487E-05
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     1823.7




 SUMMARY OF SAND     DISTRIBUTIONS AFTER    1800.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =    0.26808E-06
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     1823.7


      COMPUTATIONS FOR SAND     TERMINATED AT    1800.00  SEC. ELAPSED TIME...MATERIAL SETTLED TO BOTTOM
BOTTOM ACCUMULATION OF SAND     (CU FT/GRID SQUARE) ,   1800.00 SECONDS AFTER DUMP
 ...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 60 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 61 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 62 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 63 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 64 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 65 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 66 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 67 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 68 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 69 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 70 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 71 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 72 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 73 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 74 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 75 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 76 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 77 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 78 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
```

M N=	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	.	.	+	+	+	+	+	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	.	+	+	+	.02	.05	.10	.12	.10	.05	.02	+	+	+	.	0	0	0	0	0	0	0	0	0	0	0	0	0
13	.	.	+	+	.04	.26	1.0	2.7	4.8	5.8	4.8	2.7	1.0	.26	.04	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0
14	.	+	+	.06	.51	2.8	11	29	52	63	52	29	11	2.8	.51	.06	+	+	.	0	0	0	0	0	0	0	0	0	0	0
15	.	+	.01	.18	1.4	8.0	30	78	154	242	154	78	30	8.0	1.4	.18	.01	+	.	.	0	0	0	0	0	0	0	0	0	0
16	.	+	.01	.15	1.1	6.3	23	60	127	201	127	60	23	6.3	1.1	.15	.01	+	.	.	0	0	0	0	0	0	0	0	0	0
17	.	+	+	.03	.28	1.4	5.2	13	23	29	23	13	5.2	1.4	.28	.03	+	+	.	0	0	0	0	0	0	0	0	0	0	0
18	0	.	+	+	.01	.09	.32	.82	1.4	1.7	1.4	.82	.32	.09	.01	+	+	.	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	.	.	+	+	+	.02	.05	.07	.05	.02	+	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	.	.	.	+	+	+	+	.01	+	+	+	+	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	.	.	+	+	+	+	+	+	+	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	.	.	.	+	+	+	+	+	+	+	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	.	.	.	+	+	+	+	+	+	+	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	.	.	.	+	+	+	+	+	+	+	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	.	.	.	.	+	+	+	+	+	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	.	.	.	.	+	+	+	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	.	.	.	.	.	.	.	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	.	.	.	.	.	.	.	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	.	.	.	.	.	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	.	.	.	.	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	.	.	.	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	.	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

M N=	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000

```
 21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
THICKNESS (FT) OF SAND     ACCUMULATED ON BOTTOM,     1800.00 SECONDS AFTER DUMP
 ...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
  3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

41	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO																													

M N=	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
2	OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO																													
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	.	.	.	+	+	+	+	+	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	.	.	+	+	+	+	.01	.02	.01	+	+	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	.	.	+	+	.01	.03	.10	.18	.22	.18	.10	.03	.01	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0	0
15	0	.	.	+	+	.02	.10	.27	.54	.86	.54	.27	.10	.02	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0	0
16	0	.	.	+	+	.02	.08	.21	.45	.71	.45	.21	.08	.02	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	.	+	+	+	.01	.04	.08	.10	.08	.04	.01	+	+	+	.	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	.	.	+	+	+	+	+	+	+	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	.	.	.	.	+	+	+	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	.	.	.	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	.	.	.	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	.	.	.	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	.	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	.	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

```
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
    BEGIN LONG TERM SIMULATION OF FATE OF Silt
```

```
 SUMMARY OF Silt     DISTRIBUTIONS AFTER     300.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     122.57
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     124.48



 SUMMARY OF Silt     DISTRIBUTIONS AFTER     450.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     43.704
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     203.35



 SUMMARY OF Silt     DISTRIBUTIONS AFTER     600.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     36.737
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     210.31



 SUMMARY OF Silt     DISTRIBUTIONS AFTER     750.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     36.170
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     210.88



 SUMMARY OF Silt     DISTRIBUTIONS AFTER     900.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     35.813
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     211.24



 SUMMARY OF Silt     DISTRIBUTIONS AFTER    1050.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     35.571
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     211.48
CONCENTRATIONS ABOVE BACKGROUND OF Silt     (MG/L) IN THE CLOUD   1050.00 SECONDS AFTER DUMP

                   2.00 FT BELOW THE WATER SURFACE
 ...MULTIPLY DISPLAYED VALUES BY   10.00         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

46 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N=	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
2	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	.	.	.	.	.	+	+	+	+	+	+	+	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	+	+	+	+	.01	.03	.05	.07	.09	.10	.09	.07	.05	.03	.01	+	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	+	+	.02	.06	.15	.30	.51	.74	.93	1.0	.93	.74	.51	.30	.15	.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	.01	.04	.13	.35	.80	1.5	2.6	3.8	4.8	5.2	4.8	3.8	2.6	1.5	.80	.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	.03	.12	.39	1.0	2.3	4.6	7.8	12	15	16	15	12	7.8	4.6	2.3	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	.06	.22	.67	1.7	4.0	8.1	15	25	37	43	37	25	15	8.1	4.0	1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	.06	.22	.69	1.8	4.3	10	22	52	98	124	98	52	22	10	4.3	1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	.04	.15	.47	1.2	3.1	7.8	21	51	97	121	97	51	21	7.8	3.1	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	.02	.07	.23	.64	1.7	4.6	13	32	58	72	58	32	13	4.6	1.7	.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	+	.02	.08	.22	.57	1.4	3.5	7.7	13	15	13	7.7	3.5	1.4	.57	.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	+	+	.01	.04	.11	.25	.51	.88	1.2	1.4	1.2	.88	.51	.25	.11	.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	+	+	+	+	.01	.02	.05	.07	.10	.11	.10	.07	.05	.02	.01	+	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

```
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO

 M N= 62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79
  2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
  3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
CONCENTRATIONS ABOVE BACKGROUND OF Silt     (MG/L) IN THE CLOUD   1050.00 SECONDS AFTER DUMP

               5.00 FT BELOW THE WATER SURFACE
 ...MULTIPLY DISPLAYED VALUES BY   10.00         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
  3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61
 2 0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18    0   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19    .   +   +   +   +   +   +   + .01 .01 .01   +   +   +   +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20    +   +   + .01 .03 .06 .10 .15 .19 .20 .19 .15 .10 .06 .03 .01   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21    + .01 .05 .13 .30 .59 1.0 1.4 1.8 1.9 1.8 1.4 1.0 .59 .30 .13   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22  .02 .08 .26 .69 1.5 3.0 5.2 7.5  10  10  10 7.5 5.2 3.0 1.5 .69   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23  .07 .25 .77 2.0 4.6 9.1  15  23  29  31  29  23  15 9.1 4.6 2.0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24  .12 .43 1.3 3.4 7.9  16  29  49  72  84  72  49  29  16 7.9 3.4   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25  .12 .44 1.3 3.5 8.4  19  43 101 192 243 192 101  43  19 8.4 3.5   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

26	.09	.30	.92	2.4	6.1	15	41	101	189	237	189	101	41	15	6.1	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	.04	.15	.45	1.2	3.3	9.1	26	63	114	140	114	63	26	9.1	3.3	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	.01	.05	.15	.43	1.1	2.8	6.9	15	25	30	25	15	6.9	2.8	1.1	.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	+	.01	.03	.09	.22	.50	1.0	1.7	2.4	2.8	2.4	1.7	1.0	.50	.22	.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	+	+	+	.01	.02	.05	.10	.15	.20	.22	.20	.15	.10	.05	.02	.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																															

M N=	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
2	0000000000000000000000000000000000000000000000000000000000000000000000000000																	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	

```
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 0000000000000000000000000000000000000000000000000000000000000000000000000
CONCENTRATIONS ABOVE BACKGROUND OF Silt     (MG/L) IN THE CLOUD   1050.00 SECONDS AFTER DUMP

              9.90 FT BELOW THE WATER SURFACE
 ...MULTIPLY DISPLAYED VALUES BY   1.000          (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 60 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 61 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 62 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 63 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 64 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
65 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18    .   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19    .   +   +   +   +   +   + .01 .01 .01 .01 .01   +   +   +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20    +   +   + .01 .04 .08 .14 .21 .26 .28 .26 .21 .14 .08 .04 .01   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21    + .02 .06 .18 .41 .80 1.3 1.9 2.4 2.6 2.4 1.9 1.3 .80 .41 .18   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22  .03 .11 .35 .94 2.1 4.1 7.0  10  13  14  13  10 7.0 4.1 2.1 .94   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23  .09 .34 1.0 2.7 6.2  12  21  31  39  42  39  31  21  12 6.2 2.7   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 24  .16 .58 1.7 4.6  11  22  39  66  97 113  97  66  39  22  11 4.6   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 25  .17 .60 1.8 4.8  11  25  58 137 260 328 260 137  58  25  11 4.8   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 26  .12 .41 1.2 3.3 8.3  21  55 136 256 320 256 136  55  21 8.3 3.3   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 27  .06 .20 .62 1.7 4.5  12  35  86 155 190 155  86  35  12 4.5 1.7   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 28  .02 .07 .21 .59 1.5 3.8 9.4  20  34  41  34  20 9.4 3.8 1.5 .59   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 29    + .01 .04 .12 .30 .68 1.3 2.3 3.3 3.8 3.3 2.3 1.3 .68 .30 .12   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 30    +   +   + .01 .03 .07 .13 .20 .27 .30 .27 .20 .13 .07 .03 .01   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79
 2 000000000000000000000000000000000000000000000000000000000000000000000000
  3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
  6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,   1050.00 SECONDS AFTER DUMP
 ...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
  3 OOOO  0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 OOOO  0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 OOOO  0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 OOOO  0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 OOOO  0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 OOOO  0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 OOOO  0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 OOOO  0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 OOOO  0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 OOOO  0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 OOOO  0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 OOOO  0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 OOOO  0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 OOOO  0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 17 OOOO  0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 18 OOOO  0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 19 OOOO  0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 20 OOOO  0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 OOOO  0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22 OOOO  0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23 OOOO  0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 24 OOOO  0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 25 OOOO  0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61
 2 0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11    0   0   0   0   0   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12    0   0   0   .   .   +   +   +   +   +   +   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13    0   .   .   +   + .01 .04 .11 .20 .24 .20 .11 .04 .01   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14    .   .   +   + .02 .15 .58 1.4 2.5 3.1 2.5 1.4 .58 .15 .02   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0
15    .   +   + .01 .13 .66 2.3 5.7  10  13  10 5.7 2.3 .66 .13 .01   +   +   .   0   0   0   0   0   0   0   0   0   0   0   0   0
16    .   +   + .03 .24 1.0 3.5 8.3  14  17  14 8.3 3.5 1.0 .24 .03   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0
17    .   +   + .03 .19 .80 2.4 5.4  10  12  10 5.4 2.4 .80 .19 .03   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0
18    .   +   + .01 .08 .31 .88 1.9 3.5 4.6 3.5 1.9 .88 .31 .08 .01   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0
19    .   +   +   + .02 .08 .21 .46 1.0 1.6 1.0 .46 .21 .08 .02   +   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0
20    .   .   +   +   + .01 .03 .08 .21 .31 .21 .08 .03 .01   +   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0
21    .   .   .   +   +   +   + .03 .12 .21 .12 .03   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0
22    .   .   .   +   +   +   + .01 .04 .06 .04 .01   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0
23    .   .   .   +   +   +   + .01 .05 .08 .05 .01   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0
24    .   .   .   +   +   +   + .01 .02 .04 .02 .01   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0
25    .   .   .   .   +   +   + .01 .03 .04 .03 .01   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0
26    .   .   .   .   +   +   +   + .01 .02 .01   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0
27    0   .   .   .   .   +   +   +   + .01   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28    0   0   .   .   .   .   +   +   +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29    0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30    0   0   0   0   0   0   0   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78 79
2	00000000000000000000000000000000000000000000000000000000000000000000000																
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000

```
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
SMALL CLOUDS AT    1050.00 SECONDS ELAPSED TIME FOR Silt
```

CLOUD #	LOCATION OF CLOUD CENTROID DISTANCE FROM TOP OF GRID	DISTANCE FROM LEFT OF GRID	MASS FROM DISPOSAL (CU FT)	ENTRAINED MASS (CU FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	SOLIDS FALL VELOCITY (FPS)
1	766.0	600.0	8.467	0.0000E+00	77.55	0.0000E+00	9.900	0.636969E-03
2	777.8	600.0	0.9653	0.0000E+00	89.91	0.0000E+00	9.900	0.444176E-04
3	774.4	600.0	0.7101	0.0000E+00	102.9	0.0000E+00	9.900	0.340000E-04
4	771.6	600.0	0.4558	0.0000E+00	113.7	0.0000E+00	9.900	0.340000E-04
5	769.4	600.0	0.2719	0.0000E+00	122.0	0.0000E+00	9.900	0.340000E-04
6	767.6	600.0	0.1657	0.0000E+00	128.3	0.0000E+00	9.900	0.340000E-04
7	766.1	600.0	0.1117	0.0000E+00	133.4	0.0000E+00	9.900	0.340000E-04
8	764.6	600.0	0.8134E-01	0.0000E+00	137.8	0.0000E+00	9.900	0.340000E-04
9	763.3	600.0	0.6210E-01	0.0000E+00	141.6	0.0000E+00	9.900	0.340000E-04
10	761.9	600.0	0.4950E-01	0.0000E+00	145.0	0.0000E+00	9.900	0.340000E-04
11	742.8	600.0	2.435	0.0000E+00	145.3	0.0000E+00	9.900	0.417772E-04
12	726.9	600.0	8.807	0.0000E+00	68.18	0.0000E+00	9.900	0.969823E-03
13	732.1	600.0	1.151	0.0000E+00	81.38	0.0000E+00	9.900	0.594341E-04
14	730.3	600.0	0.8043	0.0000E+00	95.08	0.0000E+00	9.900	0.371411E-04
15	728.7	600.0	0.4947	0.0000E+00	106.3	0.0000E+00	9.900	0.340000E-04
16	727.3	600.0	0.3068	0.0000E+00	114.7	0.0000E+00	9.900	0.340000E-04
17	726.4	600.0	0.2068	0.0000E+00	121.0	0.0000E+00	9.900	0.340000E-04
18	725.5	600.0	0.1534	0.0000E+00	126.1	0.0000E+00	9.900	0.340000E-04
19	724.3	600.0	0.1224	0.0000E+00	130.4	0.0000E+00	9.900	0.340000E-04
20	709.5	600.0	0.1015	0.0000E+00	134.2	0.0000E+00	9.900	0.340000E-04
21	696.9	600.0	9.647	0.0000E+00	137.6	0.0000E+00	9.900	0.163603E-03

```
 SUMMARY OF Silt     DISTRIBUTIONS AFTER    1200.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     35.399
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     211.65



 SUMMARY OF Silt     DISTRIBUTIONS AFTER    1350.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     35.271
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     211.78



 SUMMARY OF Silt     DISTRIBUTIONS AFTER    1500.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     35.173
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     211.88



 SUMMARY OF Silt     DISTRIBUTIONS AFTER    1650.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     35.096
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     211.95



 SUMMARY OF Silt     DISTRIBUTIONS AFTER    1800.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     35.033
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     212.02



 SUMMARY OF Silt     DISTRIBUTIONS AFTER    1950.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     34.980
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     212.07
CONCENTRATIONS ABOVE BACKGROUND OF Silt     (MG/L) IN THE CLOUD   1950.00 SECONDS AFTER DUMP

               2.00 FT BELOW THE WATER SURFACE
 ...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
  3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

4	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+
30	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	.01
31	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.01	.03	.07
32	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.06	.14	.27
33	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.19	.41	.80
34	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.45	.94	1.8
35	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.81	1.7	3.3
36	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.1	2.4	4.7
37	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.3	2.7	5.4
38	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.2	2.5	5.1
39	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.88	1.8	3.8
40	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.53	1.1	2.3
41	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.26	.55	1.1
42	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.10	.21	.43
43	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.03	.06	.13
44	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
2	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	+	+	.01	.01	.02	.03	.04	.05	.05	.06	.05	.05	.04	.03	.02	.01	.01	+	+	0	0	0	0	0	0	0	0	0	0	0
30	.02	.04	.07	.11	.16	.22	.27	.32	.35	.37	.35	.32	.27	.22	.16	.11	.07	.04	.02	0	0	0	0	0	0	0	0	0	0	0
31	.13	.23	.37	.56	.80	1.0	1.3	1.5	1.7	1.7	1.7	1.5	1.3	1.0	.80	.56	.37	.23	.13	0	0	0	0	0	0	0	0	0	0	0
32	.50	.86	1.4	2.1	3.0	4.0	5.0	5.8	6.4	6.6	6.4	5.8	5.0	4.0	3.0	2.1	1.4	.86	.50	0	0	0	0	0	0	0	0	0	0	0
33	1.4	2.5	4.1	6.2	8.8	12	15	17	19	20	19	17	15	12	8.8	6.2	4.1	2.5	1.4	0	0	0	0	0	0	0	0	0	0	0
34	3.3	5.8	9.4	14	21	28	36	42	47	49	47	42	36	28	21	14	9.4	5.8	3.3	0	0	0	0	0	0	0	0	0	0	0
35	6.1	11	18	27	41	57	76	93	107	111	107	93	76	57	41	27	18	11	6.1	0	0	0	0	0	0	0	0	0	0	0
36	8.9	16	27	44	70	106	150	196	232	246	232	196	150	106	70	44	27	16	8.9	0	0	0	0	0	0	0	0	0	0	0
37	10	19	34	60	102	166	250	340	413	441	413	340	250	166	102	60	34	19	10	0	0	0	0	0	0	0	0	0	0	0
38	10	19	35	65	116	195	300	415	507	543	507	415	300	195	116	65	35	19	10	0	0	0	0	0	0	0	0	0	0	0
39	7.5	15	28	53	96	162	249	344	419	447	419	344	249	162	96	53	28	15	7.5	0	0	0	0	0	0	0	0	0	0	0
40	4.6	9.0	17	32	58	96	145	197	238	254	238	197	145	96	58	32	17	9.0	4.6	0	0	0	0	0	0	0	0	0	0	0
41	2.2	4.2	7.9	14	25	40	59	79	95	101	95	79	59	40	25	14	7.9	4.2	2.2	0	0	0	0	0	0	0	0	0	0	0
42	.84	1.5	2.8	4.8	7.9	12	18	23	27	28	27	23	18	12	7.9	4.8	2.8	1.5	.84	0	0	0	0	0	0	0	0	0	0	0
43	.25	.46	.80	1.3	2.0	2.9	4.0	5.0	5.8	6.1	5.8	5.0	4.0	2.9	2.0	1.3	.80	.46	.25	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
2	00000000000000000000000000000000000000000000000000000000000000000000000000																	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	

```
 46    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 47    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 48    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 49    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 50    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 51    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 52    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 53    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 54    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 55    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 56    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 57    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 58    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 59    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 60    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 61    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 62    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 63    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 64    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 65    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 66    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 67    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 68    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 69    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 70    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 71    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 72    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 73    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 74    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 75    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 76    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 77    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 78    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    00000
 79 000000000000000000000000000000000000000000000000000000000000000000000000
CONCENTRATIONS ABOVE BACKGROUND OF Silt     (MG/L) IN THE CLOUD   1950.00 SECONDS AFTER DUMP

                5.00 FT BELOW THE WATER SURFACE
 ...MULTIPLY DISPLAYED VALUES BY   10.00          (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
   2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
   3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +
  30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +
  31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01
  32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .01 .02 .05
  33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .03 .08 .15
  34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .08 .18 .36
  35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .16 .33 .65
  36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .22 .47 .93
  37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .25 .54 1.0
  38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .23 .49 .99
  39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .17 .36 .75
  40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .10 .22 .45
  41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .05 .10 .22
  42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .02 .04 .08
  43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .02
  44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  60 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  61 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  62 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  63 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

64	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
2	00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	+	+	+	+	+	+	+	.01	.01	.01	.01	.01	+	+	+	+	+	+	+	0	0	0	0	0	0	0	0	0	0	0
30	+	+	.01	.02	.03	.04	.05	.06	.07	.07	.07	.06	.05	.04	.03	.02	.01	+	+	0	0	0	0	0	0	0	0	0	0	0
31	.02	.04	.07	.11	.15	.20	.26	.30	.33	.34	.33	.30	.26	.20	.15	.11	.07	.04	.02	0	0	0	0	0	0	0	0	0	0	0
32	.09	.17	.27	.41	.58	.78	.98	1.1	1.2	1.3	1.2	1.1	.98	.78	.58	.41	.27	.17	.09	0	0	0	0	0	0	0	0	0	0	0
33	.28	.49	.80	1.2	1.7	2.3	2.8	3.4	3.7	3.8	3.7	3.4	2.8	2.3	1.7	1.2	.80	.49	.28	0	0	0	0	0	0	0	0	0	0	0
34	.66	1.1	1.8	2.8	4.0	5.4	6.9	8.2	9.2	10	9.2	8.2	6.9	5.4	4.0	2.8	1.8	1.1	.66	0	0	0	0	0	0	0	0	0	0	0
35	1.2	2.0	3.4	5.3	7.9	11	15	18	21	22	21	18	15	11	7.9	5.3	3.4	2.0	1.2	0	0	0	0	0	0	0	0	0	0	0
36	1.7	3.0	5.2	8.6	14	21	29	38	45	48	45	38	29	21	14	8.6	5.2	3.0	1.7	0	0	0	0	0	0	0	0	0	0	0
37	2.0	3.7	6.6	12	20	32	49	67	81	86	81	67	49	32	20	12	6.6	3.7	2.0	0	0	0	0	0	0	0	0	0	0	0
38	1.9	3.6	6.8	13	23	38	59	81	99	106	99	81	59	38	23	13	6.8	3.6	1.9	0	0	0	0	0	0	0	0	0	0	0
39	1.4	2.8	5.5	10	19	32	49	67	82	88	82	67	49	32	19	10	5.5	2.8	1.4	0	0	0	0	0	0	0	0	0	0	0
40	.90	1.7	3.3	6.3	11	19	28	39	47	50	47	39	28	19	11	6.3	3.3	1.7	.90	0	0	0	0	0	0	0	0	0	0	0
41	.43	.83	1.5	2.8	4.8	7.8	12	16	19	20	19	16	12	7.8	4.8	2.8	1.5	.83	.43	0	0	0	0	0	0	0	0	0	0	0
42	.16	.30	.55	.94	1.5	2.4	3.4	4.4	5.2	5.5	5.2	4.4	3.4	2.4	1.5	.94	.55	.30	.16	0	0	0	0	0	0	0	0	0	0	0
43	.05	.09	.15	.25	.39	.58	.79	.99	1.1	1.1	1.1	.99	.79	.58	.39	.25	.15	.09	.05	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
2	000000000000000000000000000000000000000000000000000000000000000000000000000000000000																	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000

```
  5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
CONCENTRATIONS ABOVE BACKGROUND OF Silt     (MG/L) IN THE CLOUD   1950.00 SECONDS AFTER DUMP

               9.90 FT BELOW THE WATER SURFACE
 ...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
  3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

23	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+
30	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+
31	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	.01	.01
32	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.01	.03	.07
33	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.05	.10	.21
34	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.12	.25	.48
35	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.21	.45	.88
36	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.30	.64	1.2
37	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.34	.73	1.4
38	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.31	.67	1.3
39	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.23	.49	1.0
40	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.14	.30	.61
41	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.06	.14	.29
42	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.02	.05	.11
43	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	.01	.03
44	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
2	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	+	+	+	+	+	+	.01	.01	.01	.01	.01	.01	.01	+	+	+	+	+	+	0	0	0	0	0	0	0	0	0	0	0
30	+	.01	.02	.03	.04	.05	.07	.08	.09	.09	.09	.08	.07	.05	.04	.03	.02	.01	+	0	0	0	0	0	0	0	0	0	0	0
31	.03	.06	.09	.15	.21	.28	.35	.41	.45	.47	.45	.41	.35	.28	.21	.15	.09	.06	.03	0	0	0	0	0	0	0	0	0	0	0
32	.13	.23	.37	.56	.79	1.0	1.3	1.5	1.7	1.7	1.7	1.5	1.3	1.0	.79	.56	.37	.23	.13	0	0	0	0	0	0	0	0	0	0	0
33	.39	.67	1.0	1.6	2.3	3.1	3.9	4.6	5.0	5.2	5.0	4.6	3.9	3.1	2.3	1.6	1.0	.67	.39	0	0	0	0	0	0	0	0	0	0	0
34	.89	1.5	2.5	3.8	5.4	7.4	9.4	11	12	13	12	11	9.4	7.4	5.4	3.8	2.5	1.5	.89	0	0	0	0	0	0	0	0	0	0	0
35	1.6	2.8	4.6	7.2	11	15	20	25	28	30	28	25	20	15	11	7.2	4.6	2.8	1.6	0	0	0	0	0	0	0	0	0	0	0
36	2.3	4.1	7.1	12	18	28	40	52	62	65	62	52	40	28	18	12	7.1	4.1	2.3	0	0	0	0	0	0	0	0	0	0	0
37	2.7	5.0	9.0	16	27	44	66	90	109	117	109	90	66	44	27	16	9.0	5.0	2.7	0	0	0	0	0	0	0	0	0	0	0
38	2.6	4.9	9.3	17	31	52	80	110	134	144	134	110	80	52	31	17	9.3	4.9	2.6	0	0	0	0	0	0	0	0	0	0	0
39	2.0	3.9	7.4	14	25	43	66	91	111	118	111	91	66	43	25	14	7.4	3.9	2.0	0	0	0	0	0	0	0	0	0	0	0
40	1.2	2.3	4.5	8.5	15	25	38	52	63	67	63	52	38	25	15	8.5	4.5	2.3	1.2	0	0	0	0	0	0	0	0	0	0	0
41	.58	1.1	2.1	3.8	6.5	11	16	21	25	27	25	21	16	11	6.5	3.8	2.1	1.1	.58	0	0	0	0	0	0	0	0	0	0	0
42	.22	.41	.74	1.2	2.1	3.2	4.6	6.0	7.0	7.4	7.0	6.0	4.6	3.2	2.1	1.2	.74	.41	.22	0	0	0	0	0	0	0	0	0	0	0
43	.06	.12	.21	.34	.53	.78	1.0	1.3	1.5	1.6	1.5	1.3	1.0	.78	.53	.34	.21	.12	.06	0	0	0	0	0	0	0	0	0	0	0

```
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79
 2 00000000000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,   1950.00 SECONDS AFTER DUMP
 ...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
  3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .
 28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .
 29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .
 30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
 31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
 32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
 33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
 34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
 35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
 36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
 37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
 38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
 39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
 40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .
 41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 72 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 73 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 74 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 75 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 76 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 77 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 78 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO

 M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61
  2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
  3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	.	.	.	.	.	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	.	.	+	+	+	+	+	+	+	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	.	.	+	+	.01	.04	.11	.20	.24	.20	.11	.04	.01	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0	0
14	.	.	+	+	.02	.15	.58	1.4	2.5	3.1	2.5	1.4	.58	.15	.02	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0
15	.	+	+	.01	.13	.66	2.3	5.7	10	13	10	5.7	2.3	.66	.13	.01	+	+	.	0	0	0	0	0	0	0	0	0	0	0
16	.	+	+	.03	.24	1.0	3.5	8.3	14	17	14	8.3	3.5	1.0	.24	.03	+	+	.	.	0	0	0	0	0	0	0	0	0	0
17	.	+	+	.03	.19	.80	2.4	5.4	10	12	10	5.4	2.4	.80	.19	.03	+	+	.	.	0	0	0	0	0	0	0	0	0	0
18	.	+	+	.01	.08	.31	.88	1.9	3.5	4.6	3.5	1.9	.88	.31	.08	.01	+	+	.	.	0	0	0	0	0	0	0	0	0	0
19	.	+	+	+	.02	.08	.21	.46	1.0	1.6	1.0	.46	.21	.08	.02	+	+	+	.	.	0	0	0	0	0	0	0	0	0	0
20	.	.	+	+	+	.01	.03	.08	.21	.31	.21	.08	.03	.01	+	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0
21	.	.	.	+	+	+	+	.03	.12	.21	.12	.03	+	+	+	+	.	.	.	0	0	0	0	0	0	0	0	0	0	0
22	.	.	.	+	+	+	+	.01	.04	.06	.04	.01	+	+	+	+	.	.	.	0	0	0	0	0	0	0	0	0	0	0
23	.	.	.	+	+	+	+	.01	.05	.08	.05	.01	+	+	+	+	.	.	.	0	0	0	0	0	0	0	0	0	0	0
24	.	.	.	+	+	+	+	.01	.03	.04	.03	.01	+	+	+	+	.	.	.	.	0	0	0	0	0	0	0	0	0	0
25	.	.	.	+	+	+	+	.01	.03	.04	.03	.01	+	+	+	+	.	.	.	.	0	0	0	0	0	0	0	0	0	0
26	.	.	.	+	+	+	+	.01	.02	.02	.02	.01	+	+	+	+	.	.	.	.	0	0	0	0	0	0	0	0	0	0
27	.	.	.	+	+	+	+	.01	.02	.02	.02	.01	+	+	+	+	.	.	.	.	.	0	0	0	0	0	0	0	0	0
28	.	.	.	+	+	+	+	+	.01	.01	.01	+	+	+	+	+	.	.	.	.	.	0	0	0	0	0	0	0	0	0
29	.	.	.	+	+	+	+	+	.01	.01	.01	+	+	+	+	+	.	.	.	.	.	0	0	0	0	0	0	0	0	0
30	.	.	.	+	+	+	+	+	.01	.01	.01	+	+	+	+	+	.	.	.	.	.	.	0	0	0	0	0	0	0	0
31	.	.	+	+	+	+	+	+	+	.01	+	+	+	+	+	+	+	.	.	.	.	.	0	0	0	0	0	0	0	0
32	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	0	0	0	0	0	0	0	0
33	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	0	0	0	0	0	0	0	0
34	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	0	0	0	0	0	0	0
35	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	0	0	0	0	0	0	0
36	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	0	0	0	0	0	0	0
37	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	0	0	0	0	0	0	0
38	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	0	0	0	0	0	0	0
39	.	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	0	0	0	0	0	0	0	0
40	.	.	.	.	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	0	0	0	0	0	0	0	0	0
41	.	.	.	.	.	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	0	0	0	0	0	0	0	0	0	0
42	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0
43	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	.	.	.	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
2	000000000000000000000000000000000000000000000000000000000000000000000																	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000

```
 26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
SMALL CLOUDS AT    1950.00 SECONDS ELAPSED TIME FOR Silt
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CLOUD #	LOCATION OF CLOUD CENTROID DISTANCE FROM TOP OF GRID	DISTANCE FROM LEFT OF GRID	MASS FROM DISPOSAL (CU FT)	ENTRAINED MASS (CU FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	SOLIDS FALL VELOCITY (FPS)
1	1137.	600.0	8.270	0.0000E+00	139.5	0.0000E+00	9.900	0.132968E-03
2	1149.	600.0	0.9622	0.0000E+00	154.5	0.0000E+00	9.900	0.340000E-04
3	1146.	600.0	0.7079	0.0000E+00	170.0	0.0000E+00	9.900	0.340000E-04
4	1143.	600.0	0.4544	0.0000E+00	182.9	0.0000E+00	9.900	0.340000E-04
5	1141.	600.0	0.2711	0.0000E+00	192.5	0.0000E+00	9.900	0.340000E-04
6	1139.	600.0	0.1652	0.0000E+00	199.9	0.0000E+00	9.900	0.340000E-04
7	1137.	600.0	0.1113	0.0000E+00	205.8	0.0000E+00	9.900	0.340000E-04
8	1136.	600.0	0.8109E-01	0.0000E+00	210.9	0.0000E+00	9.900	0.340000E-04
9	1135.	600.0	0.6191E-01	0.0000E+00	215.3	0.0000E+00	9.900	0.340000E-04
10	1133.	600.0	0.4935E-01	0.0000E+00	219.2	0.0000E+00	9.900	0.340000E-04
11	1114.	600.0	2.428	0.0000E+00	219.5	0.0000E+00	9.900	0.340000E-04
12	1098.	600.0	8.523	0.0000E+00	127.9	0.0000E+00	9.900	0.169390E-03
13	1103.	600.0	1.147	0.0000E+00	144.2	0.0000E+00	9.900	0.340000E-04
14	1102.	600.0	0.8018	0.0000E+00	160.7	0.0000E+00	9.900	0.340000E-04
15	1100.	600.0	0.4932	0.0000E+00	174.1	0.0000E+00	9.900	0.340000E-04
16	1099.	600.0	0.3059	0.0000E+00	184.0	0.0000E+00	9.900	0.340000E-04
17	1098.	600.0	0.2062	0.0000E+00	191.4	0.0000E+00	9.900	0.340000E-04
18	1097.	600.0	0.1529	0.0000E+00	197.3	0.0000E+00	9.900	0.340000E-04
19	1096.	600.0	0.1220	0.0000E+00	202.3	0.0000E+00	9.900	0.340000E-04
20	1081.	600.0	0.1012	0.0000E+00	206.7	0.0000E+00	9.900	0.340000E-04
21	1068.	600.0	9.565	0.0000E+00	210.7	0.0000E+00	9.900	0.647714E-04

```
 SUMMARY OF Silt     DISTRIBUTIONS AFTER    2100.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     34.936
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     212.11



 SUMMARY OF Silt     DISTRIBUTIONS AFTER    2250.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     34.897
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     212.15
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SUMMARY OF Silt   DISTRIBUTIONS AFTER   2400.00 SEC.

TOTAL SUSPENDED MATERIAL (CU FT) =   34.863
TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =   212.19

SUMMARY OF Silt   DISTRIBUTIONS AFTER   2550.00 SEC.

TOTAL SUSPENDED MATERIAL (CU FT) =   34.833
TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =   212.22

SUMMARY OF Silt   DISTRIBUTIONS AFTER   2700.00 SEC.

TOTAL SUSPENDED MATERIAL (CU FT) =   34.805
TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =   212.24

SUMMARY OF Silt   DISTRIBUTIONS AFTER   2850.00 SEC.

TOTAL SUSPENDED MATERIAL (CU FT) =   34.780
TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =   212.27

CONCENTRATIONS ABOVE BACKGROUND OF Silt   (MG/L) IN THE CLOUD   2850.00 SECONDS AFTER DUMP

2.00 FT BELOW THE WATER SURFACE

...MULTIPLY DISPLAYED VALUES BY   1.000   (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)

M N=	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
2	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													
3	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	.01	.01	.02	.03	.05
41	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.02	.03	.05	.07	.10	.15
42	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.05	.08	.13	.20	.29	.42
43	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.12	.20	.32	.48	.71	1.0
44	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.27	.43	.68	1.0	1.5	2.1
45	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.50	.81	1.2	1.9	2.8	4.0
46	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.83	1.3	2.1	3.2	4.8	6.9
47	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.2	1.9	3.1	4.8	7.3	11
48	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.5	2.5	4.1	6.5	10	15
49	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.8	2.9	4.8	7.7	12	19
50	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.8	3.0	5.0	8.2	13	21
51	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.6	2.7	4.6	7.6	12	19
52	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.3	2.2	3.7	6.1	10	16
53	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.91	1.5	2.5	4.2	6.8	11
54	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.56	.94	1.5	2.5	4.0	6.4
55	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.30	.51	.83	1.3	2.1	3.2
56	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.14	.24	.39	.62	.96	1.4
57	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.06	.10	.16	.25	.39	.58
58	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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63 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40  .06 .09 .11 .14 .17 .19 .22 .24 .25 .25 .25 .24 .22 .19 .17 .14 .11 .09 .06 .05 .03 .02   0   0   0   0   0   0   0   0
41  .21 .27 .35 .44 .52 .61 .68 .74 .78 .79 .78 .74 .68 .61 .52 .44 .35 .27 .21 .15 .10 .07   0   0   0   0   0   0   0   0
42  .57 .75 .97 1.2 1.4 1.6 1.8 2.0 2.1 2.1 2.1 2.0 1.8 1.6 1.4 1.2 .97 .75 .57 .42 .29 .20   0   0   0   0   0   0   0   0
43  1.3 1.8 2.3 2.9 3.5 4.0 4.5 4.9 5.2 5.3 5.2 4.9 4.5 4.0 3.5 2.9 2.3 1.8 1.3 1.0 .71 .48   0   0   0   0   0   0   0   0
44  2.9 3.9 5.0 6.3 7.6 8.9  10  11  12  12  12  11  10 8.9 7.6 6.3 5.0 3.9 2.9 2.1 1.5 1.0   0   0   0   0   0   0   0   0
45  5.6 7.5  10  13  15  18  21  23  24  25  24  23  21  18  15  13  10 7.5 5.6 4.0 2.8 1.9   0   0   0   0   0   0   0   0
46   10  13  18  23  29  34  40  44  47  48  47  44  40  34  29  23  18  13  10 6.9 4.8 3.2   0   0   0   0   0   0   0   0
47   15  22  30  39  50  61  72  81  87  89  87  81  72  61  50  39  30  22  15  11 7.3 4.8   0   0   0   0   0   0   0   0
48   22  32  45  60  79  98 118 134 145 149 145 134 118  98  79  60  45  32  22  15  10 6.5   0   0   0   0   0   0   0   0
49   28  42  60  82 109 138 166 191 207 213 207 191 166 138 109  82  60  42  28  19  12 7.7   0   0   0   0   0   0   0   0
50   32  47  68  95 128 163 197 227 247 254 247 227 197 163 128  95  68  47  32  21  13 8.2   0   0   0   0   0   0   0   0
51   30  45  66  93 124 159 193 222 242 249 242 222 193 159 124  93  66  45  30  19  12 7.6   0   0   0   0   0   0   0   0
52   24  37  53  75 100 128 155 179 195 200 195 179 155 128 100  75  53  37  24  16  10 6.1   0   0   0   0   0   0   0   0
53   17  25  36  50  67  86 103 119 129 132 129 119 103  86  67  50  36  25  17  11 6.8 4.2   0   0   0   0   0   0   0   0
54   10  14  21  29  38  48  57  65  71  73  71  65  57  48  38  29  21  14  10 6.4 4.0 2.5   0   0   0   0   0   0   0   0
55  4.9 7.1  10  14  18  22  27  30  33  34  33  30  27  22  18  14  10 7.1 4.9 3.2 2.1 1.3   0   0   0   0   0   0   0   0
56  2.1 3.0 4.2 5.7 7.3 9.1  11  12  13  13  13  12  11 9.1 7.3 5.7 4.2 3.0 2.1 1.4 .96 .62   0   0   0   0   0   0   0   0
57  .83 1.1 1.6 2.1 2.6 3.2 3.8 4.2 4.5 4.6 4.5 4.2 3.8 3.2 2.6 2.1 1.6 1.1 .83 .58 .39 .25   0   0   0   0   0   0   0   0
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79
 2 000000000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
```

```
  4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
CONCENTRATIONS ABOVE BACKGROUND OF Silt     (MG/L) IN THE CLOUD   2850.00 SECONDS AFTER DUMP

               5.00 FT BELOW THE WATER SURFACE
 ...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
  3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

22	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.01	.02	.03	.04	.06	.09
41	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.03	.06	.09	.14	.21	.30
42	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.10	.17	.26	.40	.58	.82
43	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.25	.40	.63	.95	1.3	1.9
44	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.53	.85	1.3	2.0	2.9	4.1
45	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.98	1.5	2.4	3.7	5.5	7.9
46	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.6	2.6	4.1	6.3	9.4	14
47	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.3	3.8	6.1	9.4	14	21
48	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.0	5.0	8.1	13	20	30
49	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.5	5.8	10	15	24	37
50	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.5	6.0	10	16	26	40
51	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.2	5.4	9.0	15	24	38
52	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.5	4.3	7.2	12	19	31
53	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.7	3.0	5.0	8.3	13	21
54	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.0	1.8	3.0	5.0	8.0	13
55	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.59	.99	1.6	2.6	4.1	6.4
56	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.28	.47	.77	1.2	1.8	2.8
57	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.12	.20	.32	.50	.76	1.1
58	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
2	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	.13	.17	.22	.28	.33	.38	.43	.47	.49	.50	.49	.47	.43	.38	.33	.28	.22	.17	.13	.09	.06	.04	0	0	0	0	0	0	0	0
41	.41	.54	.69	.86	1.0	1.2	1.3	1.4	1.5	1.5	1.5	1.4	1.3	1.2	1.0	.86	.69	.54	.41	.30	.21	.14	0	0	0	0	0	0	0	0
42	1.1	1.4	1.9	2.3	2.8	3.2	3.6	4.0	4.2	4.2	4.2	4.0	3.6	3.2	2.8	2.3	1.9	1.4	1.1	.82	.58	.40	0	0	0	0	0	0	0	0

43	2.7	3.5	4.5	5.7	6.8	7.9	8.9	10	10	10	10	10	8.9	7.9	6.8	5.7	4.5	3.5	2.7	1.9	1.3	.95	0	0	0	0	0	0	0	0
44	5.7	7.6	10	12	15	18	20	22	23	23	23	22	20	18	15	12	10	7.6	5.7	4.1	2.9	2.0	0	0	0	0	0	0	0	0
45	11	15	19	24	30	35	40	44	47	48	47	44	40	35	30	24	19	15	11	7.9	5.5	3.7	0	0	0	0	0	0	0	0
46	19	26	35	45	56	67	78	87	93	95	93	87	78	67	56	45	35	26	19	14	9.4	6.3	0	0	0	0	0	0	0	0
47	30	42	58	76	97	120	141	159	171	175	171	159	141	120	97	76	58	42	30	21	14	9.4	0	0	0	0	0	0	0	0
48	43	63	87	118	154	193	230	262	283	291	283	262	230	193	154	118	87	63	43	30	20	13	0	0	0	0	0	0	0	0
49	56	82	117	161	213	270	326	373	405	417	405	373	326	270	213	161	117	82	56	37	24	15	0	0	0	0	0	0	0	0
50	62	92	134	187	250	319	386	444	484	498	484	444	386	319	250	187	134	92	62	40	26	16	0	0	0	0	0	0	0	0
51	59	89	129	181	243	311	378	435	474	488	474	435	378	311	243	181	129	89	59	38	24	15	0	0	0	0	0	0	0	0
52	48	72	105	147	196	251	304	350	381	392	381	350	304	251	196	147	105	72	48	31	19	12	0	0	0	0	0	0	0	0
53	33	49	71	99	132	167	202	232	252	259	252	232	202	167	132	99	71	49	33	21	13	8.3	0	0	0	0	0	0	0	0
54	19	28	41	56	74	93	112	128	139	143	139	128	112	93	74	56	41	28	19	13	8.0	5.0	0	0	0	0	0	0	0	0
55	10	14	20	27	35	44	53	60	64	66	64	60	53	44	35	27	20	14	10	6.4	4.1	2.6	0	0	0	0	0	0	0	0
56	4.2	6.0	8.3	11	14	18	21	24	26	26	26	24	21	18	14	11	8.3	6.0	4.2	2.8	1.8	1.2	0	0	0	0	0	0	0	0
57	1.6	2.3	3.1	4.1	5.2	6.3	7.4	8.3	8.9	9.1	8.9	8.3	7.4	6.3	5.2	4.1	3.1	2.3	1.6	1.1	.76	.50	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
2	000000000000000000000000000000000000000000000000000000000000000000000																	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000

```
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 0000000000000000000000000000000000000000000000000000000000000000000000000
CONCENTRATIONS ABOVE BACKGROUND OF Silt     (MG/L) IN THE CLOUD   2850.00 SECONDS AFTER DUMP

              9.90 FT BELOW THE WATER SURFACE
 ...MULTIPLY DISPLAYED VALUES BY   1.000          (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +   +   + .01
 41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .01 .02 .04
 42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .01 .02 .03 .05 .07 .11
 43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .03 .05 .08 .12 .18 .26
 44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .07 .11 .18 .27 .40 .56
 45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .13 .21 .33 .51 .75 1.0
 46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .22 .35 .56 .85 1.2 1.8
 47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .32 .52 .83 1.2 1.9 2.8
 48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .41 .68 1.0 1.7 2.6 3.9
 49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .47 .79 1.2 2.0 3.2 4.9
 50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .48 .81 1.3 2.1 3.4 5.4
 51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .43 .74 1.2 2.0 3.2 5.1
 52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .34 .58 .98 1.6 2.6 4.1
 53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .24 .41 .68 1.1 1.8 2.8
 54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .14 .25 .41 .67 1.0 1.6
 55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .08 .13 .22 .35 .56 .86
 56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .03 .06 .10 .16 .25 .38
 57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .01 .02 .04 .06 .10 .15
 58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 60 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 61 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 62 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 63 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 64 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 65 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 66 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 67 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 68 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 69 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 70 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 71 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 72 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 73 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 74 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 75 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 76 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 77 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 78 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 79 0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

 M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61
```

2	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	.01	.02	.03	.03	.04	.05	.05	.06	.06	.06	.06	.06	.05	.05	.04	.03	.03	.02	.01	.01	+	+	0	0	0	0	0	0	0	0
41	.05	.07	.09	.11	.14	.16	.18	.19	.20	.21	.20	.19	.18	.16	.14	.11	.09	.07	.05	.04	.02	.01	0	0	0	0	0	0	0	0
42	.15	.20	.25	.31	.38	.44	.49	.54	.56	.57	.56	.54	.49	.44	.38	.31	.25	.20	.15	.11	.07	.05	0	0	0	0	0	0	0	0
43	.36	.48	.62	.77	.92	1.0	1.2	1.3	1.3	1.4	1.3	1.3	1.2	1.0	.92	.77	.62	.48	.36	.26	.18	.12	0	0	0	0	0	0	0	0
44	.78	1.0	1.3	1.6	2.0	2.3	2.6	2.9	3.0	3.1	3.0	2.9	2.6	2.3	2.0	1.6	1.3	1.0	.78	.56	.40	.27	0	0	0	0	0	0	0	0
45	1.4	2.0	2.6	3.3	4.0	4.7	5.4	6.0	6.3	6.5	6.3	6.0	5.4	4.7	4.0	3.3	2.6	2.0	1.4	1.0	.75	.51	0	0	0	0	0	0	0	0
46	2.5	3.5	4.7	6.0	7.5	9.1	11	12	13	13	13	12	11	9.1	7.5	6.0	4.7	3.5	2.5	1.8	1.2	.85	0	0	0	0	0	0	0	0
47	4.1	5.7	7.8	10	13	16	19	21	23	24	23	21	19	16	13	10	7.8	5.7	4.1	2.8	1.9	1.2	0	0	0	0	0	0	0	0
48	5.8	8.4	12	16	21	26	31	35	38	39	38	35	31	26	21	16	12	8.4	5.8	3.9	2.6	1.7	0	0	0	0	0	0	0	0
49	7.5	11	16	22	29	37	44	51	55	56	55	51	44	37	29	22	16	11	7.5	4.9	3.2	2.0	0	0	0	0	0	0	0	0
50	8.3	12	18	25	34	43	52	60	65	67	65	60	52	43	34	25	18	12	8.3	5.4	3.4	2.1	0	0	0	0	0	0	0	0
51	7.9	12	18	25	33	42	51	59	64	66	64	59	51	42	33	25	18	12	7.9	5.1	3.2	2.0	0	0	0	0	0	0	0	0
52	6.4	10	14	20	27	34	41	47	52	53	52	47	41	34	27	20	14	10	6.4	4.1	2.6	1.6	0	0	0	0	0	0	0	0
53	4.4	6.6	10	13	18	23	27	31	34	35	34	31	27	23	18	13	10	6.6	4.4	2.8	1.8	1.1	0	0	0	0	0	0	0	0
54	2.5	3.8	5.4	7.5	10	13	15	17	19	19	19	17	15	13	10	7.5	5.4	3.8	2.5	1.6	1.0	.67	0	0	0	0	0	0	0	0
55	1.3	1.8	2.6	3.6	4.7	5.9	7.1	8.0	8.7	8.9	8.7	8.0	7.1	5.9	4.7	3.6	2.6	1.8	1.3	.86	.56	.35	0	0	0	0	0	0	0	0
56	.57	.81	1.1	1.5	1.9	2.4	2.8	3.2	3.4	3.5	3.4	3.2	2.8	2.4	1.9	1.5	1.1	.81	.57	.38	.25	.16	0	0	0	0	0	0	0	0
57	.22	.31	.42	.55	.70	.86	1.0	1.1	1.2	1.2	1.2	1.1	1.0	.86	.70	.55	.42	.31	.22	.15	.10	.06	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
2	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000

```
 23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,   2850.00 SECONDS AFTER DUMP
 ...MULTIPLY DISPLAYED VALUES BY   1.000          (LEGEND... + = .LT. .01    . = .LT. .0001    0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
  3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .
 28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .
 29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .
 30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
 31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
 32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
 33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
 34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
 35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
 36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .
 37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .
 38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .
 39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .
 40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .
 41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .
 42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .
```

43	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.
44	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.
45	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.
46	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.
47	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.
48	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.
49	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.
50	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.
51	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.
52	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.
53	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.
54	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.
55	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.
56	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.
57	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																															

M N=	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
2	0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	.	.	.	.	.	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	.	.	+	+	+	+	+	+	+	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	.	.	+	+	.01	.04	.11	.20	.24	.20	.11	.04	.01	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0	0
14	.	.	+	+	.02	.15	.58	1.4	2.5	3.1	2.5	1.4	.58	.15	.02	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0
15	.	+	+	.01	.13	.66	2.3	5.7	10	13	10	5.7	2.3	.66	.13	.01	+	+	.	0	0	0	0	0	0	0	0	0	0	0
16	.	+	+	.03	.24	1.0	3.5	8.3	14	17	14	8.3	3.5	1.0	.24	.03	+	+	.	.	0	0	0	0	0	0	0	0	0	0
17	.	+	+	.03	.19	.80	2.4	5.4	10	12	10	5.4	2.4	.80	.19	.03	+	+	.	.	0	0	0	0	0	0	0	0	0	0
18	.	+	+	.01	.08	.31	.88	1.9	3.5	4.6	3.5	1.9	.88	.31	.08	.01	+	+	.	.	0	0	0	0	0	0	0	0	0	0
19	.	+	+	+	.02	.08	.21	.46	1.0	1.6	1.0	.46	.21	.08	.02	+	+	+	.	.	0	0	0	0	0	0	0	0	0	0
20	.	.	+	+	+	.01	.03	.08	.21	.31	.21	.08	.03	.01	+	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0
21	.	.	.	+	+	+	+	.03	.12	.21	.12	.03	+	+	+	+	.	.	.	0	0	0	0	0	0	0	0	0	0	0
22	.	.	.	+	+	+	+	.01	.04	.06	.04	.01	+	+	+	+	.	.	.	0	0	0	0	0	0	0	0	0	0	0
23	.	.	.	+	+	+	+	.01	.05	.08	.05	.01	+	+	+	+	.	.	.	0	0	0	0	0	0	0	0	0	0	0
24	.	.	.	+	+	+	+	.01	.03	.04	.03	.01	+	+	+	+	.	.	.	.	0	0	0	0	0	0	0	0	0	0
25	.	.	.	+	+	+	+	.01	.03	.04	.03	.01	+	+	+	+	.	.	.	.	0	0	0	0	0	0	0	0	0	0
26	.	.	.	+	+	+	+	.01	.02	.02	.02	.01	+	+	+	+	.	.	.	.	0	0	0	0	0	0	0	0	0	0
27	.	.	.	+	+	+	+	.01	.02	.02	.02	.01	+	+	+	+	.	.	.	.	.	0	0	0	0	0	0	0	0	0
28	.	.	.	+	+	+	+	+	.01	.01	.01	+	+	+	+	+	.	.	.	.	.	0	0	0	0	0	0	0	0	0
29	.	.	.	+	+	+	+	+	.01	.01	.01	+	+	+	+	+	.	.	.	.	.	0	0	0	0	0	0	0	0	0
30	.	.	.	+	+	+	+	+	.01	.01	.01	+	+	+	+	+	.	.	.	.	.	.	0	0	0	0	0	0	0	0
31	.	.	+	+	+	+	+	+	+	.01	+	+	+	+	+	+	+	.	.	.	.	.	0	0	0	0	0	0	0	0
32	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	0	0	0	0	0	0	0	0
33	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	0	0	0	0	0	0	0
34	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	0	0	0	0	0	0	0
35	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	0	0	0	0	0	0	0
36	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	0	0	0	0	0	0
37	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	0	0	0	0	0	0
38	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	0	0	0	0	0	0
39	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	0	0	0	0	0
40	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	0	0	0	0	0
41	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	0	0	0	0	0
42	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	0	0	0	0
43	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	0	0	0	0
44	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	0	0	0	0
45	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.	0	0	0
46	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	0	0	0
47	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	0	0	0
48	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	0	0	0
49	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.	0	0	0
50	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.	0	0	0
51	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	0	0	0	0
52	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.	0	0	0	0
53	.	.	.	.	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.	.	0	0	0	0	0
54	.	.	.	.	.	.	.	+	+	+	+	+	.	.	.	.	.	.	.	.	.	.	.	.	0	0	0	0	0	0
55	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0	0	0	0	0	0	0
56	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0	0	0	0	0	0	0	0	0
57	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	.	.	.	.	.	.	.	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

```
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

 M N= 62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79
  2 000000000000000000000000000000000000000000000000000000000000000000000000
  3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 000000000000000000000000000000000000000000000000000000000000000000000000
SMALL CLOUDS AT    2850.00 SECONDS ELAPSED TIME FOR Silt


        LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
 CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
```

#	TOP OF GRID	LEFT OF GRID	(CU FT)	(CU FT)	(FT)	(FT)	(FT)	(FPS)
1	1509.	600.0	8.211	0.0000E+00	212.9	0.0000E+00	9.900	0.559983E-04
2	1521.	600.0	0.9593	0.0000E+00	230.1	0.0000E+00	9.900	0.340000E-04
3	1517.	600.0	0.7057	0.0000E+00	247.8	0.0000E+00	9.900	0.340000E-04
4	1514.	600.0	0.4530	0.0000E+00	262.4	0.0000E+00	9.900	0.340000E-04
5	1512.	600.0	0.2703	0.0000E+00	273.3	0.0000E+00	9.900	0.340000E-04
6	1510.	600.0	0.1647	0.0000E+00	281.6	0.0000E+00	9.900	0.340000E-04
7	1509.	600.0	0.1110	0.0000E+00	288.3	0.0000E+00	9.900	0.340000E-04
8	1507.	600.0	0.8084E-01	0.0000E+00	293.9	0.0000E+00	9.900	0.340000E-04
9	1506.	600.0	0.6172E-01	0.0000E+00	298.8	0.0000E+00	9.900	0.340000E-04
10	1505.	600.0	0.4919E-01	0.0000E+00	303.2	0.0000E+00	9.900	0.340000E-04
11	1486.	600.0	2.420	0.0000E+00	303.5	0.0000E+00	9.900	0.340000E-04
12	1470.	600.0	8.450	0.0000E+00	199.5	0.0000E+00	9.900	0.642128E-04
13	1475.	600.0	1.143	0.0000E+00	218.3	0.0000E+00	9.900	0.340000E-04
14	1473.	600.0	0.7994	0.0000E+00	237.2	0.0000E+00	9.900	0.340000E-04
15	1472.	600.0	0.4916	0.0000E+00	252.5	0.0000E+00	9.900	0.340000E-04
16	1470.	600.0	0.3049	0.0000E+00	263.6	0.0000E+00	9.900	0.340000E-04
17	1469.	600.0	0.2056	0.0000E+00	272.0	0.0000E+00	9.900	0.340000E-04
18	1468.	600.0	0.1524	0.0000E+00	278.7	0.0000E+00	9.900	0.340000E-04
19	1467.	600.0	0.1216	0.0000E+00	284.3	0.0000E+00	9.900	0.340000E-04
20	1452.	600.0	0.1008	0.0000E+00	289.2	0.0000E+00	9.900	0.340000E-04
21	1440.	600.0	9.523	0.0000E+00	293.6	0.0000E+00	9.900	0.392491E-04

SUMMARY OF Silt DISTRIBUTIONS AFTER 3000.00 SEC.

TOTAL SUSPENDED MATERIAL (CU FT) = 34.756
TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) = 212.29

SUMMARY OF Silt DISTRIBUTIONS AFTER 3150.00 SEC.

TOTAL SUSPENDED MATERIAL (CU FT) = 34.735
TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) = 212.31

SUMMARY OF Silt DISTRIBUTIONS AFTER 3300.00 SEC.

TOTAL SUSPENDED MATERIAL (CU FT) = 34.714
TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) = 212.33

SUMMARY OF Silt DISTRIBUTIONS AFTER 3450.00 SEC.

TOTAL SUSPENDED MATERIAL (CU FT) = 34.694
TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) = 212.35

SUMMARY OF Silt DISTRIBUTIONS AFTER 3600.00 SEC.

TOTAL SUSPENDED MATERIAL (CU FT) = 34.675
TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) = 212.37

CONCENTRATIONS ABOVE BACKGROUND OF Silt (MG/L) IN THE CLOUD 3600.00 SECONDS AFTER DUMP

2.00 FT BELOW THE WATER SURFACE

...MULTIPLY DISPLAYED VALUES BY 1.000 (LEGEND... + = .LT. .01 . = .LT. .0001 0 = .LT. .000001)

```
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .01 .02 .02 .04 .05 .07 .09 .12 .14
50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .03 .04 .06 .09 .12 .16 .21 .27 .34
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .07 .10 .14 .19 .26 .35 .46 .58 .73
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .13 .19 .27 .38 .52 .69 .90 1.1 1.4
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .24 .35 .50 .70 .95 1.2 1.6 2.1 2.6
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .41 .59 .85 1.1 1.6 2.1 2.8 3.7 4.7
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .64 .93 1.3 1.8 2.5 3.4 4.6 6.0 7.7
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .92 1.3 1.9 2.7 3.8 5.2 7.0 9.2  12
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 1.2 1.8 2.6 3.7 5.2 7.3  10  13  17
58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 1.5 2.2 3.3 4.7 6.7 9.4  13  18  24
59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 1.7 2.5 3.8 5.5 8.0  11  16  22  29
60 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 1.8 2.7 4.1 6.0 8.7  12  17  24  33
61 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 1.7 2.6 4.0 5.9 8.6  12  17  24  33
62 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 1.5 2.3 3.5 5.3 7.7  11  16  22  30
63 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 1.2 1.9 2.9 4.3 6.3 9.1  13  18  24
64 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .95 1.4 2.1 3.2 4.6 6.7 9.4  13  18
65 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .65 .99 1.4 2.1 3.1 4.4 6.2 8.6  12
66 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .41 .61 .91 1.3 1.9 2.7 3.7 5.1 6.9
67 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .23 .35 .52 .75 1.0 1.5 2.0 2.8 3.7
68 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .12 .18 .27 .39 .55 .77 1.0 1.4 1.8
69 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .06 .09 .13 .19 .26 .36 .49 .65 .85
70 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N=  32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61
  2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 49  .18 .21 .25 .29 .32 .35 .38 .40 .41 .42 .41 .40 .38 .35 .32 .29 .25 .21 .18 .14 .12 .09 .07 .05 .04   0   0   0   0   0
 50  .41 .50 .58 .67 .75 .82 .89 .93 .96 .97 .96 .93 .89 .82 .75 .67 .58 .50 .41 .34 .27 .21 .16 .12 .09   0   0   0   0   0
```

51	.89	1.0	1.2	1.4	1.6	1.7	1.9	2.0	2.0	2.1	2.0	2.0	1.9	1.7	1.6	1.4	1.2	1.0	.89	.73	.58	.46	.35	.26	.19	0	0	0	0	0
52	1.7	2.1	2.5	2.8	3.2	3.6	3.9	4.1	4.2	4.3	4.2	4.1	3.9	3.6	3.2	2.8	2.5	2.1	1.7	1.4	1.1	.90	.69	.52	.38	0	0	0	0	0
53	3.3	4.0	4.7	5.5	6.2	6.9	7.5	7.9	8.2	8.3	8.2	7.9	7.5	6.9	6.2	5.5	4.7	4.0	3.3	2.6	2.1	1.6	1.2	.95	.70	0	0	0	0	0
54	5.8	7.1	8.5	10	11	13	14	15	15	15	15	15	14	13	11	10	8.5	7.1	5.8	4.7	3.7	2.8	2.1	1.6	1.1	0	0	0	0	0
55	10	12	14	17	20	22	24	26	27	27	27	26	24	22	20	17	14	12	10	7.7	6.0	4.6	3.4	2.5	1.8	0	0	0	0	0
56	15	19	23	28	32	36	40	43	45	45	45	43	40	36	32	28	23	19	15	12	9.2	7.0	5.2	3.8	2.7	0	0	0	0	0
57	23	28	35	42	49	56	62	67	70	71	70	67	62	56	49	42	35	28	23	17	13	10	7.3	5.2	3.7	0	0	0	0	0
58	31	39	48	59	69	79	88	95	99	101	99	95	88	79	69	59	48	39	31	24	18	13	9.4	6.7	4.7	0	0	0	0	0
59	38	49	61	74	88	101	113	122	128	130	128	122	113	101	88	74	61	49	38	29	22	16	11	8.0	5.5	0	0	0	0	0
60	43	55	69	85	101	116	130	141	148	150	148	141	130	116	101	85	69	55	43	33	24	17	12	8.7	6.0	0	0	0	0	0
61	43	56	71	87	103	119	133	144	151	154	151	144	133	119	103	87	71	56	43	33	24	17	12	8.6	5.9	0	0	0	0	0
62	39	51	64	79	94	108	121	131	137	140	137	131	121	108	94	79	64	51	39	30	22	16	11	7.7	5.3	0	0	0	0	0
63	32	41	52	64	76	87	98	106	111	113	111	106	98	87	76	64	52	41	32	24	18	13	9.1	6.3	4.3	0	0	0	0	0
64	23	30	38	46	54	63	70	76	80	81	80	76	70	63	54	46	38	30	23	18	13	9.4	6.7	4.6	3.2	0	0	0	0	0
65	15	20	24	30	35	40	45	49	51	52	51	49	45	40	35	30	24	20	15	12	8.6	6.2	4.4	3.1	2.1	0	0	0	0	0
66	9.0	11	14	17	20	23	26	28	29	30	29	28	26	23	20	17	14	11	9.0	6.9	5.1	3.7	2.7	1.9	1.3	0	0	0	0	0
67	4.8	6.1	7.5	9.1	11	12	14	15	15	15	15	15	14	12	11	9.1	7.5	6.1	4.8	3.7	2.8	2.0	1.5	1.0	.75	0	0	0	0	0
68	2.3	2.9	3.6	4.3	5.1	5.8	6.4	6.8	7.1	7.2	7.1	6.8	6.4	5.8	5.1	4.3	3.6	2.9	2.3	1.8	1.4	1.0	.77	.55	.39	0	0	0	0	0
69	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.0	3.1	3.1	3.1	3.0	2.8	2.5	2.2	1.9	1.6	1.3	1.0	.85	.65	.49	.36	.26	.19	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
2	00000000000000000000000000000000000000000000000000000000000000000000000000																	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	

```
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 0000000000000000000000000000000000000000000000000000000000000000000000000
CONCENTRATIONS ABOVE BACKGROUND OF Silt     (MG/L) IN THE CLOUD   3600.00 SECONDS AFTER DUMP

               5.00 FT BELOW THE WATER SURFACE
 ...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .02 .04 .05 .08 .10 .14 .18 .23 .29
 50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .06 .09 .13 .18 .24 .32 .42 .54 .67
 51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .13 .19 .28 .38 .52 .69 .90 1.1 1.4
 52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .26 .38 .54 .75 1.0 1.3 1.7 2.2 2.8
 53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .48 .70 .99 1.3 1.8 2.4 3.2 4.1 5.2
 54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .81 1.1 1.6 2.3 3.1 4.2 5.6 7.2 9.2
 55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 1.2 1.8 2.6 3.6 5.0 6.8 9.0  12  15
 56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 1.8 2.6 3.7 5.3 7.4  10  14  18  24
 57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 2.4 3.5 5.1 7.3  10  14  19  26  34
 58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 2.9 4.4 6.4 9.3  13  19  26  35  46
 59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 3.3 5.0 7.5  11  16  22  31  42  57
 60 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 3.5 5.3 8.0  12  17  24  34  47  64
 61 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 3.4 5.2 7.8  12  17  24  34  47  64
 62 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 3.0 4.6 7.0  10  15  22  31  43  58
 63 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 2.5 3.8 5.7 8.5  12  18  25  35  47
 64 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 1.8 2.8 4.2 6.3 9.1  13  19  26  35
 65 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 1.2 1.9 2.8 4.2 6.1 8.7  12  17  23
 66 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .80 1.2 1.7 2.6 3.7 5.3 7.4  10  14
 67 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .46 .69 1.0 1.4 2.1 2.9 4.0 5.5 7.3
 68 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .24 .36 .53 .77 1.0 1.5 2.0 2.7 3.6
 69 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .12 .18 .26 .37 .52 .72 .97 1.2 1.6
 70 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 71 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 72 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 73 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 74 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 75 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 76 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 77 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 78 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

 M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61
  2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	.35	.42	.49	.56	.63	.70	.75	.79	.82	.82	.82	.79	.75	.70	.63	.56	.49	.42	.35	.29	.23	.18	.14	.10	.08	0	0	0	0	0
50	.81	.97	1.1	1.3	1.4	1.6	1.7	1.8	1.8	1.9	1.8	1.8	1.7	1.6	1.4	1.3	1.1	.97	.81	.67	.54	.42	.32	.24	.18	0	0	0	0	0
51	1.7	2.0	2.4	2.8	3.1	3.4	3.7	3.9	4.1	4.1	4.1	3.9	3.7	3.4	3.1	2.8	2.4	2.0	1.7	1.4	1.1	.90	.69	.52	.38	0	0	0	0	0
52	3.4	4.1	4.9	5.6	6.4	7.0	7.6	8.0	8.3	8.4	8.3	8.0	7.6	7.0	6.4	5.6	4.9	4.1	3.4	2.8	2.2	1.7	1.3	1.0	.75	0	0	0	0	0
53	6.5	7.8	9.3	11	12	14	15	16	16	16	16	16	15	14	12	11	9.3	7.8	6.5	5.2	4.1	3.2	2.4	1.8	1.3	0	0	0	0	0
54	11	14	17	19	22	25	27	29	30	30	30	29	27	25	22	19	17	14	11	9.2	7.2	5.6	4.2	3.1	2.3	0	0	0	0	0
55	19	24	28	33	38	43	47	50	53	53	53	50	47	43	38	33	28	24	19	15	12	9.0	6.8	5.0	3.6	0	0	0	0	0
56	30	37	45	54	63	71	78	84	88	89	88	84	78	71	63	54	45	37	30	24	18	14	10	7.4	5.3	0	0	0	0	0
57	44	56	68	82	96	109	121	131	136	139	136	131	121	109	96	82	68	56	44	34	26	19	14	10	7.3	0	0	0	0	0
58	60	76	95	115	135	155	172	186	195	198	195	186	172	155	135	115	95	76	60	46	35	26	19	13	9.3	0	0	0	0	0
59	75	96	120	146	172	198	221	239	251	255	251	239	221	198	172	146	120	96	75	57	42	31	22	16	11	0	0	0	0	0
60	84	108	136	166	197	227	254	275	289	294	289	275	254	227	197	166	136	108	84	64	47	34	24	17	12	0	0	0	0	0
61	85	110	138	169	202	233	260	282	296	301	296	282	260	233	202	169	138	110	85	64	47	34	24	17	12	0	0	0	0	0
62	77	100	126	154	183	211	237	256	269	274	269	256	237	211	183	154	126	100	77	58	43	31	22	15	10	0	0	0	0	0
63	63	81	102	125	148	171	191	207	217	221	217	207	191	171	148	125	102	81	63	47	35	25	18	12	8.5	0	0	0	0	0
64	46	59	74	90	107	123	137	148	156	158	156	148	137	123	107	90	74	59	46	35	26	19	13	9.1	6.3	0	0	0	0	0
65	30	38	48	58	69	79	88	95	100	101	100	95	88	79	69	58	48	38	30	23	17	12	8.7	6.1	4.2	0	0	0	0	0
66	18	22	28	34	40	46	51	55	57	58	57	55	51	46	40	34	28	22	18	14	10	7.4	5.3	3.7	2.6	0	0	0	0	0
67	9.4	12	15	18	21	24	26	28	30	30	30	28	26	24	21	18	15	12	9.4	7.3	5.5	4.0	2.9	2.1	1.4	0	0	0	0	0
68	4.6	5.8	7.1	8.6	10	11	13	13	14	14	14	13	13	11	10	8.6	7.1	5.8	4.6	3.6	2.7	2.0	1.5	1.0	.77	0	0	0	0	0
69	2.1	2.6	3.2	3.8	4.4	5.0	5.5	5.8	6.1	6.2	6.1	5.8	5.5	5.0	4.4	3.8	3.2	2.6	2.1	1.6	1.2	.97	.72	.52	.37	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
2	000000000000000000000000000000000000000000000000000000000000000000000000																	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	

```
 31    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 32    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 33    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 34    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 35    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 36    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 37    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 38    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 39    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 40    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 41    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 42    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 43    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 44    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 45    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 46    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 47    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 48    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 49    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 50    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 51    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 52    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 53    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 54    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 55    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 56    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 57    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 58    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 59    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 60    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 61    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 62    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 63    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 64    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 65    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 66    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 67    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 68    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 69    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 70    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 71    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 72    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 73    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 74    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 75    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 76    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 77    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 78    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
CONCENTRATIONS ABOVE BACKGROUND OF Silt      (MG/L) IN THE CLOUD   3600.00 SECONDS AFTER DUMP

                    9.90 FT BELOW THE WATER SURFACE
 ...MULTIPLY DISPLAYED VALUES BY   1.000          (LEGEND... + = .LT. .01    . = .LT. .0001   0 = .LT. .000001)
 M N=  2    3    4    5    6    7    8    9   10   11   12   13   14   15   16   17   18   19   20   21   22   23   24   25   26   27   28   29   30   31
  2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
  4 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
  5 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
  6 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
  7 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
  8 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
  9 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 10 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 11 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 12 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 13 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 14 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 15 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 16 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 17 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 18 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 19 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 20 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 21 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 22 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 23 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 24 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 25 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 26 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 27 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 28 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 29 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 30 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 31 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 32 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 33 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 34 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 35 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 36 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 37 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 38 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 39 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 40 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 41 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 42 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 43 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 44 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 45 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 46 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 47 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 48 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
```

49	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	.01	.01	.01	.02	.03	.03
50	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	.01	.01	.02	.03	.04	.05	.07	.09
51	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.01	.02	.03	.05	.07	.09	.12	.15	.19
52	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.03	.05	.07	.10	.13	.18	.24	.30	.38
53	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.06	.09	.13	.18	.25	.33	.44	.56	.71
54	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.10	.15	.22	.31	.42	.57	.76	.98	1.2
55	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.16	.24	.35	.49	.68	.92	1.2	1.6	2.0
56	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.24	.35	.51	.72	1.0	1.3	1.8	2.4	3.1
57	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.32	.47	.69	.99	1.3	1.9	2.6	3.5	4.6
58	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.40	.59	.87	1.2	1.7	2.5	3.4	4.6	6.2
59	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.45	.68	1.0	1.4	2.1	3.0	4.1	5.7	7.6
60	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.48	.73	1.0	1.5	2.3	3.2	4.6	6.3	8.6
61	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.46	.71	1.0	1.5	2.2	3.2	4.6	6.4	8.6
62	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.41	.63	.95	1.4	2.0	2.9	4.1	5.8	7.8
63	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.34	.51	.77	1.1	1.6	2.4	3.4	4.7	6.4
64	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.25	.38	.57	.85	1.2	1.7	2.5	3.4	4.6
65	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.17	.26	.39	.57	.83	1.1	1.6	2.2	3.0
66	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.10	.16	.24	.35	.51	.72	1.0	1.3	1.8
67	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.06	.09	.13	.20	.28	.40	.55	.74	.99
68	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.03	.04	.07	.10	.14	.20	.28	.37	.49
69	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.01	.02	.03	.05	.07	.09	.13	.17	.22
70	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
2	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	.04	.05	.06	.07	.08	.09	.10	.10	.11	.11	.11	.10	.10	.09	.08	.07	.06	.05	.04	.03	.03	.02	.01	.01	.01	0	0	0	0	0
50	.11	.13	.15	.17	.19	.21	.23	.24	.25	.25	.25	.24	.23	.21	.19	.17	.15	.13	.11	.09	.07	.05	.04	.03	.02	0	0	0	0	0
51	.23	.28	.33	.38	.42	.47	.50	.53	.55	.56	.55	.53	.50	.47	.42	.38	.33	.28	.23	.19	.15	.12	.09	.07	.05	0	0	0	0	0
52	.47	.56	.66	.76	.86	.95	1.0	1.0	1.1	1.1	1.1	1.0	1.0	.95	.86	.76	.66	.56	.47	.38	.30	.24	.18	.13	.10	0	0	0	0	0
53	.88	1.0	1.2	1.4	1.6	1.8	1.9	2.1	2.1	2.2	2.1	2.1	1.9	1.8	1.6	1.4	1.2	1.0	.88	.71	.56	.44	.33	.25	.18	0	0	0	0	0
54	1.5	1.8	2.2	2.6	3.0	3.3	3.6	3.8	4.0	4.0	4.0	3.8	3.6	3.3	3.0	2.6	2.2	1.8	1.5	1.2	.98	.76	.57	.42	.31	0	0	0	0	0
55	2.5	3.1	3.8	4.5	5.1	5.8	6.3	6.8	7.1	7.2	7.1	6.8	6.3	5.8	5.1	4.5	3.8	3.1	2.5	2.0	1.6	1.2	.92	.68	.49	0	0	0	0	0
56	4.0	5.0	6.1	7.3	8.5	10	11	11	12	12	12	11	11	10	8.5	7.3	6.1	5.0	4.0	3.1	2.4	1.8	1.3	1.0	.72	0	0	0	0	0
57	5.9	7.5	9.2	11	13	15	16	18	18	19	18	18	16	15	13	11	9.2	7.5	5.9	4.6	3.5	2.6	1.9	1.3	.99	0	0	0	0	0
58	8.1	10	13	16	18	21	23	25	26	27	26	25	23	21	18	16	13	10	8.1	6.2	4.6	3.4	2.5	1.7	1.2	0	0	0	0	0
59	10	13	16	20	23	27	30	32	34	34	34	32	30	27	23	20	16	13	10	7.6	5.7	4.1	3.0	2.1	1.4	0	0	0	0	0
60	11	15	18	22	27	31	34	37	39	40	39	37	34	31	27	22	18	15	11	8.6	6.3	4.6	3.2	2.3	1.5	0	0	0	0	0
61	12	15	19	23	27	31	35	38	40	41	40	38	35	31	27	23	19	15	12	8.6	6.4	4.6	3.2	2.2	1.5	0	0	0	0	0
62	10	14	17	21	25	29	32	35	36	37	36	35	32	29	25	21	17	14	10	7.8	5.8	4.1	2.9	2.0	1.4	0	0	0	0	0
63	8.4	11	14	17	20	23	26	28	29	30	29	28	26	23	20	17	14	11	8.4	6.4	4.7	3.4	2.4	1.6	1.1	0	0	0	0	0
64	6.1	7.9	10	12	14	17	19	20	21	21	21	20	19	17	14	12	10	7.9	6.1	4.6	3.4	2.5	1.7	1.2	.85	0	0	0	0	0
65	4.0	5.1	6.4	7.8	9.3	11	12	13	13	14	13	13	12	11	9.3	7.8	6.4	5.1	4.0	3.0	2.2	1.6	1.1	.83	.57	0	0	0	0	0
66	2.3	3.0	3.7	4.5	5.3	6.1	6.8	7.4	7.7	7.8	7.7	7.4	6.8	6.1	5.3	4.5	3.7	3.0	2.3	1.8	1.3	1.0	.72	.51	.35	0	0	0	0	0
67	1.2	1.6	2.0	2.4	2.8	3.2	3.5	3.8	4.0	4.0	4.0	3.8	3.5	3.2	2.8	2.4	2.0	1.6	1.2	.99	.74	.55	.40	.28	.20	0	0	0	0	0
68	.63	.79	.97	1.1	1.3	1.5	1.7	1.8	1.9	1.9	1.9	1.8	1.7	1.5	1.3	1.1	.97	.79	.63	.49	.37	.28	.20	.14	.10	0	0	0	0	0
69	.28	.35	.43	.51	.59	.67	.74	.79	.83	.84	.83	.79	.74	.67	.59	.51	.43	.35	.28	.22	.17	.13	.09	.07	.05	0	0	0	0	0

```
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

 M N= 62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79
  2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
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 27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
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 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
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 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,   3600.00 SECONDS AFTER DUMP
 ...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

10	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
17	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
18	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
19	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
20	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
25	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
26	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
27	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.
28	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.
29	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.
30	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.
31	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.
32	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.
33	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.
34	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.
35	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.
36	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.
37	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.
38	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.
39	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.
40	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.
41	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.
42	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.
43	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.
44	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.
45	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.
46	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.
47	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.
48	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.
49	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.
50	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.	.
51	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.	.
52	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.	.
53	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.	.	+
54	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.	.	+
55	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.	.	+
56	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.	.	.	+
57	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.	.	.	+
58	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.	.	.	+
59	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.	.	.	.
60	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.	.	.
61	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.	.	.
62	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.	.	.
63	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.	.
64	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.
65	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.
66	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.
67	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.
68	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.
69	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
70	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
2	0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	.	.	.	.	.	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	.	.	+	+	+	+	+	+	+	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	.	.	+	+	.01	.04	.11	.20	.24	.20	.11	.04	.01	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0	0
14	.	.	+	+	.02	.15	.58	1.4	2.5	3.1	2.5	1.4	.58	.15	.02	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0
15	.	+	+	.01	.13	.66	2.3	5.7	10	13	10	5.7	2.3	.66	.13	.01	+	+	.	0	0	0	0	0	0	0	0	0	0	0
16	.	+	+	.03	.24	1.0	3.5	8.3	14	17	14	8.3	3.5	1.0	.24	.03	+	+	.	.	0	0	0	0	0	0	0	0	0	0
17	.	+	+	.03	.19	.80	2.4	5.4	10	12	10	5.4	2.4	.80	.19	.03	+	+	.	.	0	0	0	0	0	0	0	0	0	0
18	.	+	+	.01	.08	.31	.88	1.9	3.5	4.6	3.5	1.9	.88	.31	.08	.01	+	+	.	.	0	0	0	0	0	0	0	0	0	0
19	.	+	+	+	.02	.08	.21	.46	1.0	1.6	1.0	.46	.21	.08	.02	+	+	+	.	.	0	0	0	0	0	0	0	0	0	0
20	.	.	+	+	+	.01	.03	.08	.21	.31	.21	.08	.03	.01	+	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0
21	.	.	.	+	+	+	+	.03	.12	.21	.12	.03	+	+	+	+	.	.	.	0	0	0	0	0	0	0	0	0	0	0
22	.	.	.	+	+	+	+	.01	.04	.06	.04	.01	+	+	+	+	.	.	.	0	0	0	0	0	0	0	0	0	0	0
23	.	.	.	+	+	+	+	.01	.05	.08	.05	.01	+	+	+	+	.	.	.	0	0	0	0	0	0	0	0	0	0	0
24	.	.	.	+	+	+	+	.01	.03	.04	.03	.01	+	+	+	+	.	.	.	.	0	0	0	0	0	0	0	0	0	0
25	.	.	.	+	+	+	+	.01	.03	.04	.03	.01	+	+	+	+	.	.	.	.	0	0	0	0	0	0	0	0	0	0
26	.	.	.	+	+	+	+	.01	.02	.02	.02	.01	+	+	+	+	.	.	.	.	0	0	0	0	0	0	0	0	0	0
27	.	.	.	+	+	+	+	.01	.02	.02	.02	.01	+	+	+	+	.	.	.	.	.	0	0	0	0	0	0	0	0	0
28	.	.	.	+	+	+	+	+	.01	.01	.01	+	+	+	+	+	.	.	.	.	.	0	0	0	0	0	0	0	0	0
29	.	.	.	+	+	+	+	+	.01	.01	.01	+	+	+	+	+	.	.	.	.	.	0	0	0	0	0	0	0	0	0
30	.	.	.	+	+	+	+	+	.01	.01	.01	+	+	+	+	+	.	.	.	.	.	.	0	0	0	0	0	0	0	0

```
31   .   .   +   +   +   +   +   +   + .01   +   +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   0
32   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   0
33   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   0   0   0
34   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   0   0   0
35   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   0   0   0
36   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   0   0   0   0   0
37   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   0   0   0   0   0
38   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   0   0   0   0   0
39   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   0   0   0   0
40   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   0   0   0   0
41   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   0   0   0   0
42   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   0   0   0   0
43   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   0   0   0   0
44   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   0   0   0   0
45   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   0   0   0
46   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   0   0   0
47   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   0   0
48   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   0   0
49   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   0   0
50   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   0
51   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   0
52   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   0
53   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .
54   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .
55   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .
56   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .
57   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .
58   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .
59   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .
60   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .
61   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .
62   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .
63   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .   0
64   .   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0
65   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0
66   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0
67   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0
68   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0
69   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0
70   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO

M N= 62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
52   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
61   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
62   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
63   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
64   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
65   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
66   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
67   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
68   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
69   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
70   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
71   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
72   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
73   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
74   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
75   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
76   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
77   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
78   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
79 00000000000000000000000000000000000000000000000000000000000000000000000000
```

SMALL CLOUDS AT 3600.00 SECONDS ELAPSED TIME FOR Silt

CLOUD #	LOCATION OF CLOUD CENTROID DISTANCE FROM TOP OF GRID	LEFT OF GRID	MASS FROM DISPOSAL (CU FT)	ENTRAINED MASS (CU FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	SOLIDS FALL VELOCITY (FPS)
1	1818.	600.0	8.184	0.0000E+00	281.6	0.0000E+00	9.900	0.378595E-04
2	1830.	600.0	0.9568	0.0000E+00	300.5	0.0000E+00	9.900	0.340000E-04
3	1827.	600.0	0.7039	0.0000E+00	319.9	0.0000E+00	9.900	0.340000E-04
4	1824.	600.0	0.4518	0.0000E+00	335.7	0.0000E+00	9.900	0.340000E-04
5	1822.	600.0	0.2696	0.0000E+00	347.6	0.0000E+00	9.900	0.340000E-04
6	1820.	600.0	0.1642	0.0000E+00	356.6	0.0000E+00	9.900	0.340000E-04
7	1818.	600.0	0.1107	0.0000E+00	363.8	0.0000E+00	9.900	0.340000E-04
8	1817.	600.0	0.8063E-01	0.0000E+00	369.9	0.0000E+00	9.900	0.340000E-04
9	1816.	600.0	0.6156E-01	0.0000E+00	375.2	0.0000E+00	9.900	0.340000E-04
10	1814.	600.0	0.4907E-01	0.0000E+00	380.0	0.0000E+00	9.900	0.340000E-04
11	1795.	600.0	2.414	0.0000E+00	380.3	0.0000E+00	9.900	0.340000E-04
12	1779.	600.0	8.419	0.0000E+00	266.8	0.0000E+00	9.900	0.410099E-04
13	1784.	600.0	1.141	0.0000E+00	287.5	0.0000E+00	9.900	0.340000E-04
14	1783.	600.0	0.7973	0.0000E+00	308.3	0.0000E+00	9.900	0.340000E-04
15	1781.	600.0	0.4904	0.0000E+00	324.9	0.0000E+00	9.900	0.340000E-04
16	1780.	600.0	0.3041	0.0000E+00	337.1	0.0000E+00	9.900	0.340000E-04
17	1779.	600.0	0.2050	0.0000E+00	346.2	0.0000E+00	9.900	0.340000E-04
18	1778.	600.0	0.1520	0.0000E+00	353.4	0.0000E+00	9.900	0.340000E-04
19	1777.	600.0	0.1213	0.0000E+00	359.5	0.0000E+00	9.900	0.340000E-04
20	1762.	600.0	0.1006	0.0000E+00	364.8	0.0000E+00	9.900	0.340000E-04
21	1749.	600.0	9.498	0.0000E+00	369.6	0.0000E+00	9.900	0.340000E-04

BOTTOM ACCUMULATION OF Silt (CU FT/GRID SQUARE) , 3600.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY 1.000 (LEGEND... + = .LT. .01 . = .LT. .0001 0 = .LT. .000001)

```
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .
28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .
29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .
30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .
37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .
38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .
39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .
40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .
41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .
42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .
43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .
```

44	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.
45	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.
46	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.
47	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.
48	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.
49	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.
50	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.	.
51	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.	.
52	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.	.
53	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.	.	+
54	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.	.	+
55	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.	.	+
56	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.	.	.	+
57	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.	.	.	+
58	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.	.	.	+
59	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.	.	.	.
60	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.	.	.
61	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.	.	.
62	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.	.	.
63	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.	.
64	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.
65	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.
66	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.
67	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.	.	.
68	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	.
69	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
70	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO																													

M N=	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
2	OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO																													
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	.	.	.	.	.	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	.	.	+	+	+	+	+	+	+	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	.	.	+	+	.01	.04	.11	.20	.24	.20	.11	.04	.01	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0	0
14	.	.	+	+	.02	.15	.58	1.4	2.5	3.1	2.5	1.4	.58	.15	.02	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0
15	.	+	+	.01	.13	.66	2.3	5.7	10	13	10	5.7	2.3	.66	.13	.01	+	+	.	0	0	0	0	0	0	0	0	0	0	0
16	.	+	+	.03	.24	1.0	3.5	8.3	14	17	14	8.3	3.5	1.0	.24	.03	+	+	.	.	0	0	0	0	0	0	0	0	0	0
17	.	+	+	.03	.19	.80	2.4	5.4	10	12	10	5.4	2.4	.80	.19	.03	+	+	.	.	0	0	0	0	0	0	0	0	0	0
18	.	+	+	.01	.08	.31	.88	1.9	3.5	4.6	3.5	1.9	.88	.31	.08	.01	+	+	.	.	0	0	0	0	0	0	0	0	0	0
19	.	+	+	+	.02	.08	.21	.46	1.0	1.6	1.0	.46	.21	.08	.02	+	+	+	.	.	0	0	0	0	0	0	0	0	0	0
20	.	.	+	+	+	.01	.03	.08	.21	.31	.21	.08	.03	.01	+	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0
21	.	.	.	+	+	+	+	.03	.12	.21	.12	.03	+	+	+	+	.	.	.	0	0	0	0	0	0	0	0	0	0	0
22	.	.	.	+	+	+	+	.01	.04	.06	.04	.01	+	+	+	+	.	.	.	0	0	0	0	0	0	0	0	0	0	0
23	.	.	.	+	+	+	+	.01	.05	.08	.05	.01	+	+	+	+	.	.	.	0	0	0	0	0	0	0	0	0	0	0
24	.	.	.	+	+	+	+	.01	.03	.04	.03	.01	+	+	+	+	.	.	.	.	0	0	0	0	0	0	0	0	0	0
25	.	.	.	+	+	+	+	.01	.03	.04	.03	.01	+	+	+	+	.	.	.	.	0	0	0	0	0	0	0	0	0	0
26	.	.	.	+	+	+	+	.01	.02	.02	.02	.01	+	+	+	+	.	.	.	.	0	0	0	0	0	0	0	0	0	0
27	.	.	.	+	+	+	+	.01	.02	.02	.02	.01	+	+	+	+	.	.	.	.	.	0	0	0	0	0	0	0	0	0
28	.	.	.	+	+	+	+	+	.01	.01	.01	+	+	+	+	+	.	.	.	.	.	0	0	0	0	0	0	0	0	0
29	.	.	.	+	+	+	+	+	.01	.01	.01	+	+	+	+	+	.	.	.	.	.	0	0	0	0	0	0	0	0	0
30	.	.	.	+	+	+	+	+	.01	.01	.01	+	+	+	+	+	.	.	.	.	.	.	0	0	0	0	0	0	0	0
31	.	.	+	+	+	+	+	+	+	.01	+	+	+	+	+	+	+	.	.	.	.	.	0	0	0	0	0	0	0	0
32	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	0	0	0	0	0	0	0	0
33	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	0	0	0	0	0	0	0
34	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	0	0	0	0	0	0	0
35	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	0	0	0	0	0	0	0
36	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	0	0	0	0	0	0
37	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	0	0	0	0	0	0
38	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	0	0	0	0	0	0
39	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	0	0	0	0	0
40	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	0	0	0	0	0
41	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	0	0	0	0	0
42	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	0	0	0	0
43	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	0	0	0	0
44	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	0	0	0	0
45	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.	0	0	0
46	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	0	0	0
47	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.	0	0
48	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.	0	0
49	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.	0	0
50	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.	.	0
51	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.	.	0
52	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.	.	0
53	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.	.
54	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.	.
55	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.	.
56	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.	.
57	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.	.
58	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.	.
59	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.	.	.
60	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.	.	.
61	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.	.	.	.
62	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.	.	.	.
63	.	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	0
64	.	.	.	.	.	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0	0

```
 65    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0
 66    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0
 67    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0
 68    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0
 69    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0
 70    0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO

 M N= 62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79
  2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
  3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
THICKNESS (FT) OF Silt     ACCUMULATED ON BOTTOM,     3600.00 SECONDS AFTER DUMP
 ...MULTIPLY DISPLAYED VALUES BY   1.000          (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
  3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO

M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12    0   0   0   0   0   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13    0   0   0   .   .   +   +   +   +   +   +   +   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14    0   0   .   .   +   +   + .01 .03 .03 .03 .01   +   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0
15    0   .   .   +   +   + .02 .07 .12 .15 .12 .07 .02   +   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0
16    0   .   .   +   + .01 .04 .10 .17 .20 .17 .10 .04 .01   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0
17    0   .   .   +   +   + .02 .06 .11 .15 .11 .06 .02   +   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0
18    0   .   .   +   +   + .01 .02 .04 .05 .04 .02 .01   +   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0
19    0   .   .   .   +   +   +   + .01 .02 .01   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0
20    0   0   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0
21    0   0   0   .   .   .   .   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22    0   0   0   .   .   .   .   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23    0   0   0   .   .   .   .   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24    0   0   0   .   .   .   .   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25    0   0   0   .   .   .   .   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
26    0    0    0    .    .    .    .    +    +    +    +    +    .    .    .    .    0    0    0    0    0    0    0    0    0    0    0    0    0    0
27    0    0    0    .    .    .    .    +    +    +    +    +    .    .    .    .    0    0    0    0    0    0    0    0    0    0    0    0    0    0
28    0    0    0    .    .    .    .    +    +    +    +    +    .    .    .    .    0    0    0    0    0    0    0    0    0    0    0    0    0    0
29    0    0    .    .    .    .    .    .    +    +    +    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0    0    0    0
30    0    0    .    .    .    .    .    .    +    +    +    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0    0    0    0
31    0    0    .    .    .    .    .    .    +    +    +    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0    0    0    0
32    0    0    .    .    .    .    .    .    .    +    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0    0    0    0
33    0    0    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0    0    0    0
34    0    0    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0    0    0    0
35    0    0    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0    0    0    0
36    0    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0    0    0
37    0    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0    0    0
38    0    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0    0    0
39    0    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0    0    0
40    0    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0    0    0
41    0    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0    0    0
42    0    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0    0    0
43    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0    0
44    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0    0
45    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0    0
46    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0    0
47    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0    0
48    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0    0
49    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0    0
50    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0
51    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0
52    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0
53    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0
54    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0
55    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0
56    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0
57    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0
58    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0
59    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0
60    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0
61    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0    0
62    0    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0    0    0
63    0    0    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0    0    0    0
64    0    0    0    0    .    .    .    .    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
65    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
66    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
67    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
68    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
69    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
70    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
71    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
72    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
73    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
74    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
75    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
76    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
77    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
78    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
79 0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79
 2 0000000000000000000000000000000000000000000000000000000000000000000000000
 3    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 4    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 5    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 6    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 7    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 8    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 9    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
10    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
11    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
12    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
13    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
14    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
15    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
16    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
17    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
18    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
19    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
20    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
21    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
22    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
23    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
24    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
25    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
26    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
27    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
28    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
29    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
30    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
31    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
32    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
33    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
34    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
35    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
36    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
37    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
38    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
39    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
40    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
41    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
42    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
43    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
44    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
45    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
46    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
```

```
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
    BEGIN LONG TERM SIMULATION OF FATE OF Clay



 SUMMARY OF Clay     DISTRIBUTIONS AFTER     300.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     27.315
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     13.185



 SUMMARY OF Clay     DISTRIBUTIONS AFTER     450.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     26.980
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     13.520



 SUMMARY OF Clay     DISTRIBUTIONS AFTER     600.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     26.798
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     13.702



 SUMMARY OF Clay     DISTRIBUTIONS AFTER     750.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     26.662
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     13.837



 SUMMARY OF Clay     DISTRIBUTIONS AFTER     900.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     26.559
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     13.941



 SUMMARY OF Clay     DISTRIBUTIONS AFTER    1050.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     26.477
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     14.023
CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD   1050.00 SECONDS AFTER DUMP

               2.00 FT BELOW THE WATER SURFACE
 ...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
  3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

10	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
2	00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	.	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	+	+	+	+	.01	.03	.05	.07	.09	.10	.09	.07	.05	.03	.01	+	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	+	.01	.04	.12	.27	.54	.91	1.3	1.6	1.7	1.6	1.3	.91	.54	.27	.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	.03	.14	.42	1.1	2.5	5.0	8.4	12	15	17	15	12	8.4	5.0	2.5	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	.20	.73	2.2	5.8	13	26	44	64	80	86	80	64	44	26	13	5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	.61	2.1	6.5	17	39	76	129	191	246	268	246	191	129	76	39	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	1.0	3.7	11	29	66	129	226	362	512	585	512	362	226	129	66	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	1.1	3.9	12	30	67	132	234	384	552	633	552	384	234	132	67	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	.84	2.7	7.9	20	44	88	162	274	401	460	401	274	162	88	44	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	.40	1.3	3.7	9.1	20	38	68	112	159	180	159	112	68	38	20	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	.13	.41	1.1	2.7	5.9	11	18	27	34	37	34	27	18	11	5.9	2.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	.02	.08	.22	.54	1.1	2.1	3.4	4.8	5.9	6.3	5.9	4.8	3.4	2.1	1.1	.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0

31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
2	000000000000000000000000000000000000000000000000000000000000000000000000																	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000

```
 52    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 53    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 54    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 55    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 56    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 57    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 58    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 59    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 60    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 61    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 62    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 63    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 64    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 65    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 66    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 67    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 68    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 69    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 70    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 71    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 72    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 73    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 74    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 75    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 76    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 77    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 78    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 79 000000000000000000000000000000000000000000000000000000000000000000000000000
CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD   1050.00 SECONDS AFTER DUMP

                  5.00 FT BELOW THE WATER SURFACE
 ...MULTIPLY DISPLAYED VALUES BY   10.00         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2    3    4    5    6    7    8    9   10   11   12   13   14   15   16   17   18   19   20   21   22   23   24   25   26   27   28   29   30   31
  2 00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
  4 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
  5 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
  6 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
  7 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
  8 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
  9 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 10 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 11 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 12 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 13 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 14 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 15 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 16 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 17 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 18 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 19 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 20 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 21 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 22 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 23 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 24 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 25 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 26 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 27 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 28 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 29 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 30 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 31 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 32 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 33 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 34 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 35 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 36 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 37 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 38 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 39 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 40 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 41 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 42 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 43 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 44 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 45 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 46 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 47 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 48 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 49 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 50 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 51 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 52 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 53 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 54 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 55 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 56 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 57 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 58 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 59 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 60 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 61 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 62 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 63 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 64 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 65 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 66 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 67 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 68 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 69 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
```

```
70 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19    .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20    .   +   +   +   +   + .01 .01 .01 .02 .01 .01 .01   +   +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21    +   +   + .02 .05 .10 .17 .25 .32 .34 .32 .25 .17 .10 .05 .02   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22    + .02 .08 .22 .50 .98 1.6 2.4 3.0 3.2 3.0 2.4 1.6 .98 .50 .22   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23  .04 .14 .43 1.1 2.6 5.0 8.5  12  16  17  16  12 8.5 5.0 2.6 1.1   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24  .12 .42 1.2 3.3 7.5  15  25  37  48  53  48  37  25  15 7.5 3.3   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25  .21 .73 2.1 5.6  13  25  44  71 100 114 100  71  44  25  13 5.6   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26  .23 .77 2.2 5.8  13  26  46  75 108 124 108  75  46  26  13 5.8   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27  .16 .54 1.5 3.9 8.6  17  32  54  78  90  78  54  32  17 8.6 3.9   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28  .08 .25 .72 1.7 3.8 7.5  13  22  31  35  31  22  13 7.5 3.8 1.7   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29  .02 .08 .22 .54 1.1 2.1 3.5 5.2 6.6 7.2 6.6 5.2 3.5 2.1 1.1 .54   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30    + .01 .04 .10 .22 .41 .66 .94 1.1 1.2 1.1 .94 .66 .41 .22 .10   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79
 2 000000000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
  11   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  12   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  13   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  14   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  15   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  16   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  17   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  18   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  19   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  20   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  21   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  22   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  23   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  24   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  25   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  26   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  27   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  28   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  29   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  30   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  31   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  32   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  33   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  34   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  35   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  36   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  37   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  38   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  39   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  40   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  41   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  42   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  43   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  44   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  45   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  46   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  47   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  48   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  49   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  50   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  51   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  52   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  53   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  54   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  55   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  56   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  57   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  58   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  59   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  60   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  61   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  62   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  63   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  64   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  65   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  66   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  67   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  68   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  69   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  70   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  71   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  72   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  73   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  74   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  75   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  76   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  77   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  78   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
  79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD   1050.00 SECONDS AFTER DUMP

                 9.90 FT BELOW THE WATER SURFACE
  ...MULTIPLY DISPLAYED VALUES BY   1.000          (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
  M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
   2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
   3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19    .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20    .   +   +   +   +   + .01 .02 .02 .02 .02 .02 .01   +   +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21    +   + .01 .03 .07 .14 .24 .35 .43 .47 .43 .35 .24 .14 .07 .03   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22  .01 .03 .11 .29 .68 1.3 2.2 3.2 4.0 4.3 4.0 3.2 2.2 1.3 .68 .29   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23  .05 .19 .59 1.5 3.5 6.8  12  17  21  23  21  17  12 6.8 3.5 1.5   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24  .16 .57 1.7 4.5  10  20  34  51  65  71  65  51  34  20  10 4.5   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25  .28 .99 2.9 7.7  17  34  60  96 136 155 136  96  60  34  17 7.7   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26  .31 1.0 3.1 7.9  18  35  62 102 146 168 146 102  62  35  18 7.9   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27  .22 .73 2.1 5.3  12  23  43  73 106 122 106  73  43  23  12 5.3   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28  .10 .34 .98 2.4 5.2  10  18  30  42  48  42  30  18  10 5.2 2.4   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29  .03 .11 .30 .73 1.5 2.9 4.8 7.0 8.9  10 8.9 7.0 4.8 2.9 1.5 .73   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30    + .02 .06 .14 .30 .56 .90 1.2 1.5 1.6 1.5 1.2 .90 .56 .30 .14   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79
 2 000000000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 0000000000000000000000000000000000000000000000000000000000000000000000000
BOTTOM ACCUMULATION OF Clay     (CU FT/GRID SQUARE) ,   1050.00 SECONDS AFTER DUMP
 ...MULTIPLY DISPLAYED VALUES BY    1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 60 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 61 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 62 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 63 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 64 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 65 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 66 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 67 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 68 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 69 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 70 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 71 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 72 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 73 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 74 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 75 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 76 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 77 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 78 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 79 00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

 M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61
  2 00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

11	0	0	0	0	0	0	0	0	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	.	.	.	+	+	+	+	+	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	.	.	+	+	+	+	.01	.02	.01	+	+	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	.	.	+	+	.01	.05	.13	.24	.29	.24	.13	.05	.01	+	+	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0
15	0	.	+	+	.01	.06	.22	.56	.98	1.2	.98	.56	.22	.06	.01	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0	0
16	0	.	+	+	.01	.07	.25	.62	1.0	1.3	1.0	.62	.25	.07	.01	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0	0
17	0	.	.	+	+	.02	.07	.18	.34	.44	.34	.18	.07	.02	+	+	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0
18	0	.	.	+	+	+	.01	.02	.04	.04	.04	.02	.01	+	+	+	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0
19	0	.	.	+	+	+	+	.01	.02	.03	.02	.01	+	+	+	+	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0
20	.	.	.	+	+	+	+	+	.01	.01	.01	+	+	+	+	+	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0
21	.	.	.	+	+	+	+	+	.01	.01	.01	+	+	+	+	+	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0
22	.	.	.	+	+	+	+	+	+	.01	+	+	+	+	+	+	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0
23	.	.	.	+	+	+	+	+	+	.01	+	+	+	+	+	+	.	.	.	.	.	0	0	0	0	0	0	0	0	0	0
24	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	0	0	0	0	0	0	0	0	0	0
25	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	0	0	0	0	0	0	0	0	0	0
26	.	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	0	0	0	0	0	0	0	0	0	0
27	.	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	0	0	0	0	0	0	0	0	0	0
28	.	.	.	.	.	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0
29	0	.	.	.	.	.	.	.	+	+	+	.	.	.	.	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	.	.	.	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																														

M N=	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
2	000000000000000000000000000000000000000000000000000000000000000000000000																	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	

```
 32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
SMALL CLOUDS AT    1050.00 SECONDS ELAPSED TIME FOR Clay
```

CLOUD #	LOCATION OF CLOUD CENTROID DISTANCE FROM TOP OF GRID	DISTANCE FROM LEFT OF GRID	MASS FROM DISPOSAL (CU FT)	ENTRAINED MASS (CU FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	SOLIDS FALL VELOCITY (FPS)
1	778.5	600.0	2.420	0.0000E+00	77.55	0.0000E+00	9.900	0.137030E-03
2	778.1	600.0	0.1591	0.0000E+00	89.91	0.0000E+00	9.900	0.340000E-04
3	774.7	600.0	0.1167	0.0000E+00	102.9	0.0000E+00	9.900	0.340000E-04
4	771.9	600.0	0.7477E-01	0.0000E+00	113.7	0.0000E+00	9.900	0.340000E-04
5	769.7	600.0	0.4779E-01	0.0000E+00	122.0	0.0000E+00	9.900	0.340000E-04
6	768.0	600.0	0.3276E-01	0.0000E+00	128.3	0.0000E+00	9.900	0.340000E-04
7	766.4	600.0	0.2448E-01	0.0000E+00	133.4	0.0000E+00	9.900	0.340000E-04
8	765.0	600.0	0.1960E-01	0.0000E+00	137.8	0.0000E+00	9.900	0.340000E-04
9	763.6	600.0	0.1649E-01	0.0000E+00	141.6	0.0000E+00	9.900	0.340000E-04
10	762.1	600.0	0.1432E-01	0.0000E+00	145.0	0.0000E+00	9.900	0.340000E-04
11	768.7	600.0	5.943	0.0000E+00	145.3	0.0000E+00	9.900	0.858846E-04
12	733.0	600.0	1.976	0.0000E+00	68.18	0.0000E+00	9.900	0.149501E-03
13	732.1	600.0	0.1917	0.0000E+00	81.38	0.0000E+00	9.900	0.340000E-04
14	730.3	600.0	0.1331	0.0000E+00	95.08	0.0000E+00	9.900	0.340000E-04
15	728.8	600.0	0.8152E-01	0.0000E+00	106.3	0.0000E+00	9.900	0.340000E-04
16	727.4	600.0	0.5046E-01	0.0000E+00	114.7	0.0000E+00	9.900	0.340000E-04
17	726.5	600.0	0.3401E-01	0.0000E+00	121.0	0.0000E+00	9.900	0.340000E-04
18	725.7	600.0	0.2521E-01	0.0000E+00	126.1	0.0000E+00	9.900	0.340000E-04
19	724.5	600.0	0.2013E-01	0.0000E+00	130.4	0.0000E+00	9.900	0.340000E-04
20	709.5	600.0	0.1689E-01	0.0000E+00	134.2	0.0000E+00	9.900	0.340000E-04
21	726.3	600.0	15.08	0.0000E+00	137.6	0.0000E+00	9.900	0.279083E-03

```
 SUMMARY OF Clay     DISTRIBUTIONS AFTER    1200.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     26.411
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     14.089



 SUMMARY OF Clay     DISTRIBUTIONS AFTER    1350.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     26.357
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     14.143



 SUMMARY OF Clay     DISTRIBUTIONS AFTER    1500.00 SEC.
```

```
     TOTAL SUSPENDED MATERIAL (CU FT) =     26.311
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     14.188
```

```
 SUMMARY OF Clay     DISTRIBUTIONS AFTER    1650.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     26.273
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     14.227
```

```
 SUMMARY OF Clay     DISTRIBUTIONS AFTER    1800.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     26.239
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     14.261
```

```
 SUMMARY OF Clay     DISTRIBUTIONS AFTER    1950.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     26.210
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     14.290
CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD   1950.00 SECONDS AFTER DUMP

               2.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY    1.000        (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +
31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .02
32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .03 .06 .12
33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .11 .23 .45
34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .33 .68 1.3
35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .75 1.5 3.0
36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 1.3 2.8 5.4
37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 1.9 3.9 7.6
38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 2.1 4.4 8.6
39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 1.9 4.0 7.7
40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 1.4 2.8 5.5
41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .84 1.6 3.2
42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .40 .80 1.5
43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .15 .31 .59
44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .05 .09 .18
45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
69 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30    + .01 .02 .03 .04 .05 .07 .08 .09 .09 .09 .08 .07 .05 .04 .03 .02 .01   +   0   0   0   0   0   0   0   0   0   0   0   0   0
31  .04 .08 .12 .19 .27 .36 .45 .53 .59 .61 .59 .53 .45 .36 .27 .19 .12 .08 .04   0   0   0   0   0   0   0   0   0   0   0   0   0
32  .22 .38 .61 .93 1.3 1.7 2.1 2.5 2.8 2.9 2.8 2.5 2.1 1.7 1.3 .93 .61 .38 .22   0   0   0   0   0   0   0   0   0   0   0   0   0
33  .83 1.4 2.3 3.4 4.9 6.5 8.1  10  11  11  11  10 8.1 6.5 4.9 3.4 2.3 1.4 .83   0   0   0   0   0   0   0   0   0   0   0   0   0
34  2.4 4.1 6.6  10  14  19  24  28  31  32  31  28  24  19  14  10 6.6 4.1 2.4   0   0   0   0   0   0   0   0   0   0   0   0   0
35  5.5 9.4  15  23  33  44  56  66  74  76  74  66  56  44  33  23  15 9.4 5.5   0   0   0   0   0   0   0   0   0   0   0   0   0
36   10  17  28  42  61  83 106 128 144 149 144 128 106  83  61  42  28  17  10   0   0   0   0   0   0   0   0   0   0   0   0   0
37   14  24  39  61  89 124 163 200 227 237 227 200 163 124  89  61  39  24  14   0   0   0   0   0   0   0   0   0   0   0   0   0
38   16  27  44  69 103 145 194 241 276 289 276 241 194 145 103  69  44  27  16   0   0   0   0   0   0   0   0   0   0   0   0   0
39   14  24  40  62  93 132 177 220 253 265 253 220 177 132  93  62  40  24  14   0   0   0   0   0   0   0   0   0   0   0   0   0
40   10  17  28  44  66  93 124 154 176 184 176 154 124  93  66  44  28  17  10   0   0   0   0   0   0   0   0   0   0   0   0   0
41  5.8  10  16  25  37  51  67  82  93  97  93  82  67  51  37  25  16  10 5.8   0   0   0   0   0   0   0   0   0   0   0   0   0
42  2.7 4.6 7.4  11  16  22  28  34  38  40  38  34  28  22  16  11 7.4 4.6 2.7   0   0   0   0   0   0   0   0   0   0   0   0   0
43  1.0 1.7 2.7 4.1 5.8 7.8  10  12  13  13  13  12  10 7.8 5.8 4.1 2.7 1.7 1.0   0   0   0   0   0   0   0   0   0   0   0   0   0
44  .32 .54 .86 1.2 1.7 2.3 2.9 3.3 3.7 3.8 3.7 3.3 2.9 2.3 1.7 1.2 .86 .54 .32   0   0   0   0   0   0   0   0   0   0   0   0   0
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79
 2 000000000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
 10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD   1950.00 SECONDS AFTER DUMP

               5.00 FT BELOW THE WATER SURFACE
 ...MULTIPLY DISPLAYED VALUES BY   1.000          (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
  3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

28	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+
31	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.01	.02	.05
32	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.05	.12	.23
33	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.22	.46	.89
34	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.64	1.3	2.6
35	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.4	3.0	5.9
36	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.6	5.4	11
37	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.7	7.7	15
38	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.2	8.7	17
39	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.8	7.8	15
40	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.7	5.6	11
41	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.6	3.3	6.3
42	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.78	1.5	2.9
43	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.30	.61	1.1
44	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.09	.19	.36
45	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
2	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	.01	.02	.04	.06	.08	.11	.14	.17	.18	.19	.18	.17	.14	.11	.08	.06	.04	.02	.01	0	0	0	0	0	0	0	0	0	0	0
31	.09	.15	.25	.38	.54	.71	.89	1.0	1.1	1.1	1.1	1.0	.89	.71	.54	.38	.25	.15	.09	0	0	0	0	0	0	0	0	0	0	0
32	.43	.75	1.2	1.8	2.5	3.4	4.3	5.0	5.5	5.7	5.5	5.0	4.3	3.4	2.5	1.8	1.2	.75	.43	0	0	0	0	0	0	0	0	0	0	0
33	1.6	2.7	4.5	6.8	10	13	16	19	21	21	21	19	16	13	10	6.8	4.5	2.7	1.6	0	0	0	0	0	0	0	0	0	0	0
34	4.7	8.1	13	20	28	38	47	55	61	63	61	55	47	38	28	20	13	8.1	4.7	0	0	0	0	0	0	0	0	0	0	0
35	11	19	30	45	65	87	110	130	144	149	144	130	110	87	65	45	30	19	11	0	0	0	0	0	0	0	0	0	0	0
36	19	33	54	82	119	162	208	251	281	293	281	251	208	162	119	82	54	33	19	0	0	0	0	0	0	0	0	0	0	0
37	27	47	77	118	174	242	318	391	444	464	444	391	318	242	174	118	77	47	27	0	0	0	0	0	0	0	0	0	0	0
38	31	53	87	135	201	284	379	471	540	566	540	471	379	284	201	135	87	53	31	0	0	0	0	0	0	0	0	0	0	0
39	27	47	78	122	182	259	346	431	495	519	495	431	346	259	182	122	78	47	27	0	0	0	0	0	0	0	0	0	0	0
40	20	34	55	87	129	183	243	301	344	360	344	301	243	183	129	87	55	34	20	0	0	0	0	0	0	0	0	0	0	0
41	11	19	32	49	72	100	131	161	182	190	182	161	131	100	72	49	32	19	11	0	0	0	0	0	0	0	0	0	0	0
42	5.3	9.0	14	22	32	43	55	67	75	78	75	67	55	43	32	22	14	9.0	5.3	0	0	0	0	0	0	0	0	0	0	0
43	2.0	3.4	5.4	8.1	11	15	19	23	25	26	25	23	19	15	11	8.1	5.4	3.4	2.0	0	0	0	0	0	0	0	0	0	0	0
44	.64	1.0	1.6	2.4	3.4	4.5	5.6	6.6	7.2	7.5	7.2	6.6	5.6	4.5	3.4	2.4	1.6	1.0	.64	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
2	000000000000000000000000000000000000000000000000000000000000000000000000																	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
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6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
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51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
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69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	

```
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 0000000000000000000000000000000000000000000000000000000000000000000000000000000
CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD   1950.00 SECONDS AFTER DUMP

              9.90 FT BELOW THE WATER SURFACE
 ...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +
 31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +
 32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .03
 33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .03 .06 .12
 34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .08 .18 .35
 35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .20 .41 .80
 36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .36 .74 1.4
 37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .51 1.0 2.0
 38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .57 1.1 2.2
 39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .52 1.0 2.0
 40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .37 .76 1.4
 41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .22 .44 .85
 42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .10 .21 .40
 43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .04 .08 .15
 44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .01 .02 .04
 45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 60 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 61 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 62 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 63 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 64 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 65 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 66 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 67 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 68 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 69 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 70 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 71 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 72 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 73 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 74 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 75 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 76 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 77 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 78 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 79 0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

 M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61
  2 0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	+	+	+	+	.01	.01	.01	.02	.02	.02	.02	.02	.01	.01	.01	+	+	+	+	0	0	0	0	0	0	0	0	0	0	0
31	.01	.02	.03	.05	.07	.09	.12	.14	.15	.16	.15	.14	.12	.09	.07	.05	.03	.02	.01	0	0	0	0	0	0	0	0	0	0	0
32	.05	.10	.16	.24	.35	.46	.58	.68	.75	.77	.75	.68	.58	.46	.35	.24	.16	.10	.05	0	0	0	0	0	0	0	0	0	0	0
33	.22	.37	.60	.92	1.3	1.7	2.1	2.5	2.8	2.8	2.8	2.5	2.1	1.7	1.3	.92	.60	.37	.22	0	0	0	0	0	0	0	0	0	0	0
34	.64	1.1	1.7	2.6	3.8	5.0	6.3	7.4	8.2	8.5	8.2	7.4	6.3	5.0	3.8	2.6	1.7	1.1	.64	0	0	0	0	0	0	0	0	0	0	0
35	1.4	2.5	4.0	6.1	8.7	12	15	18	20	20	20	18	15	12	8.7	6.1	4.0	2.5	1.4	0	0	0	0	0	0	0	0	0	0	0
36	2.6	4.5	7.2	11	16	22	28	34	38	40	38	34	28	22	16	11	7.2	4.5	2.6	0	0	0	0	0	0	0	0	0	0	0
37	3.7	6.3	10	16	24	33	43	53	60	63	60	53	43	33	24	16	10	6.3	3.7	0	0	0	0	0	0	0	0	0	0	0
38	4.1	7.1	12	18	27	38	51	64	73	77	73	64	51	38	27	18	12	7.1	4.1	0	0	0	0	0	0	0	0	0	0	0
39	3.7	6.4	11	16	25	35	47	58	67	70	67	58	47	35	25	16	11	6.4	3.7	0	0	0	0	0	0	0	0	0	0	0
40	2.6	4.5	7.5	12	17	25	33	41	47	49	47	41	33	25	17	12	7.5	4.5	2.6	0	0	0	0	0	0	0	0	0	0	0
41	1.5	2.6	4.2	6.6	10	14	18	22	25	26	25	22	18	14	10	6.6	4.2	2.6	1.5	0	0	0	0	0	0	0	0	0	0	0
42	.72	1.2	1.9	2.9	4.2	5.8	7.5	9.0	10	11	10	9.0	7.5	5.8	4.2	2.9	1.9	1.2	.72	0	0	0	0	0	0	0	0	0	0	0
43	.27	.46	.73	1.1	1.5	2.0	2.6	3.0	3.4	3.5	3.4	3.0	2.6	2.0	1.5	1.1	.73	.46	.27	0	0	0	0	0	0	0	0	0	0	0
44	.08	.14	.22	.33	.47	.62	.76	.89	.98	1.0	.98	.89	.76	.62	.47	.33	.22	.14	.08	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
2	000000000000000000000000000000000000000000000000000000000000000000000000																	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000

```
 29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
BOTTOM ACCUMULATION OF Clay     (CU FT/GRID SQUARE) ,   1950.00 SECONDS AFTER DUMP
 ...MULTIPLY DISPLAYED VALUES BY   1.000          (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
  3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .
 27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .
 28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .
 29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
 30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
 31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
 32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
 33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
 34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
 35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .
 36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .
 37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .
 38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .
 39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .
 40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
 41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
 42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .
 43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO

M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61
  2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
  3   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11   0   0   0   0   0   0   0   0   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12   0   0   0   0   .   .   .   +   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13   0   0   .   .   +   +   +   + .01 .02 .01   +   +   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0
 14   0   .   .   +   + .01 .05 .13 .24 .29 .24 .13 .05 .01   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0
 15   0   .   +   + .01 .06 .22 .56 .98 1.2 .98 .56 .22 .06 .01   +   +   .   0   0   0   0   0   0   0   0   0   0   0   0
 16   0   .   +   + .01 .07 .25 .62 1.0 1.3 1.0 .62 .25 .07 .01   +   +   .   0   0   0   0   0   0   0   0   0   0   0   0
 17   0   .   .   +   + .02 .07 .18 .34 .44 .34 .18 .07 .02   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0
 18   0   .   .   +   +   + .01 .02 .04 .04 .04 .02 .01   +   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0
 19   0   .   .   +   +   +   + .01 .02 .03 .02 .01   +   +   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0
 20   .   .   .   +   +   +   +   + .01 .01 .01   +   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0
 21   .   .   .   +   +   +   +   + .01 .01 .01   +   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0
 22   .   .   .   +   +   +   +   +   + .01   +   +   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0
 23   .   .   .   +   +   +   +   +   + .01   +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   0
 24   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0
 25   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0
 26   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0
 27   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0
 28   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0
 29   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   0
 30   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0
 31   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0
 32   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   0
 33   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   0
 34   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   0
 35   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   0   0
 36   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   0   0
 37   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   0   0
 38   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   0   0
 39   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   0   0   0   0   0
 40   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   0   0   0   0   0   0
 41   .   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0
 42   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0
 43   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0
 44   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0
 45   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 46   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 47   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 48   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 49   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 50   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 51   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 52   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 53   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 54   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 55   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 56   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 57   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 58   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 59   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 60   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 61   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 62   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 63   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 64   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 65   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 66   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 67   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 68   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 69   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
70   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79
 2 000000000000000000000000000000000000000000000000000000000000000000000000
 3   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
61   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
62   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
63   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
64   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
65   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
66   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
67   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
68   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
69   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
70   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
71   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
72   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
73   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
74   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
75   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
76   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
77   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
78   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
79 000000000000000000000000000000000000000000000000000000000000000000000000
```

SMALL CLOUDS AT 1950.00 SECONDS ELAPSED TIME FOR Clay

CLOUD #	LOCATION OF CLOUD CENTROID DISTANCE FROM TOP OF GRID	LEFT OF GRID	MASS FROM DISPOSAL (CU FT)	ENTRAINED MASS (CU FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	SOLIDS FALL VELOCITY (FPS)
1	1150.	600.0	2.405	0.0000E+00	139.5	0.0000E+00	9.900	0.437503E-04
2	1149.	600.0	0.1586	0.0000E+00	154.5	0.0000E+00	9.900	0.340000E-04
3	1146.	600.0	0.1163	0.0000E+00	170.0	0.0000E+00	9.900	0.340000E-04
4	1143.	600.0	0.7454E-01	0.0000E+00	182.9	0.0000E+00	9.900	0.340000E-04

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  5        1141.         600.0      0.4764E-01  0.0000E+00   192.5      0.0000E+00   9.900      0.340000E-04
  6        1139.         600.0      0.3266E-01  0.0000E+00   199.9      0.0000E+00   9.900      0.340000E-04
  7        1138.         600.0      0.2440E-01  0.0000E+00   205.8      0.0000E+00   9.900      0.340000E-04
  8        1136.         600.0      0.1954E-01  0.0000E+00   210.9      0.0000E+00   9.900      0.340000E-04
  9        1135.         600.0      0.1644E-01  0.0000E+00   215.3      0.0000E+00   9.900      0.340000E-04
 10        1134.         600.0      0.1427E-01  0.0000E+00   219.2      0.0000E+00   9.900      0.340000E-04
 11        1140.         600.0       5.913      0.0000E+00   219.5      0.0000E+00   9.900      0.423468E-04
 12        1104.         600.0       1.963      0.0000E+00   127.9      0.0000E+00   9.900      0.431870E-04
 13        1103.         600.0      0.1911      0.0000E+00   144.2      0.0000E+00   9.900      0.340000E-04
 14        1102.         600.0      0.1326      0.0000E+00   160.7      0.0000E+00   9.900      0.340000E-04
 15        1100.         600.0      0.8126E-01  0.0000E+00   174.1      0.0000E+00   9.900      0.340000E-04
 16        1099.         600.0      0.5031E-01  0.0000E+00   184.0      0.0000E+00   9.900      0.340000E-04
 17        1098.         600.0      0.3390E-01  0.0000E+00   191.4      0.0000E+00   9.900      0.340000E-04
 18        1097.         600.0      0.2513E-01  0.0000E+00   197.3      0.0000E+00   9.900      0.340000E-04
 19        1096.         600.0      0.2006E-01  0.0000E+00   202.3      0.0000E+00   9.900      0.340000E-04
 20        1081.         600.0      0.1684E-01  0.0000E+00   206.7      0.0000E+00   9.900      0.340000E-04
 21        1098.         600.0       14.87      0.0000E+00   210.7      0.0000E+00   9.900      0.987028E-04


 SUMMARY OF Clay     DISTRIBUTIONS AFTER    2100.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     26.183
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     14.317


 SUMMARY OF Clay     DISTRIBUTIONS AFTER    2250.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     26.160
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     14.340


 SUMMARY OF Clay     DISTRIBUTIONS AFTER    2400.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     26.138
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     14.362


 SUMMARY OF Clay     DISTRIBUTIONS AFTER    2550.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     26.118
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     14.381


 SUMMARY OF Clay     DISTRIBUTIONS AFTER    2700.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     26.100
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     14.400


 SUMMARY OF Clay     DISTRIBUTIONS AFTER    2850.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     26.082
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     14.418
CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD   2850.00 SECONDS AFTER DUMP

                2.00 FT BELOW THE WATER SURFACE
 ...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

27	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	.01	.01	.02	
41	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.01	.01	.02	.04	.05	.08
42	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.03	.05	.08	.12	.18	.25
43	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.08	.14	.22	.33	.48	.68
44	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.21	.34	.53	.79	1.1	1.6
45	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.44	.71	1.1	1.6	2.4	3.4
46	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.82	1.3	2.0	3.0	4.5	6.3
47	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.3	2.1	3.3	5.0	7.3	10
48	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.9	3.0	4.8	7.2	11	15
49	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.4	3.9	6.0	9.2	14	19
50	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.7	4.3	6.8	10	15	22
51	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.6	4.3	6.7	10	15	22
52	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.3	3.7	5.9	8.9	13	19
53	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.8	2.9	4.5	6.9	10	15
54	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.2	2.0	3.1	4.7	6.9	10
55	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.77	1.2	1.9	2.8	4.1	5.9
56	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.42	.66	1.0	1.5	2.2	3.1
57	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.20	.32	.49	.74	1.0	1.5
58	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.08	.14	.21	.31	.45	.64
59	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	0000																													

M	N=	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
2	0000																														
3		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40		.03	.04	.05	.06	.08	.09	.10	.11	.11	.12	.11	.11	.10	.09	.08	.06	.05	.04	.03	.02	.01	.01	0	0	0	0	0	0	0	0
41		.11	.14	.19	.23	.28	.32	.36	.39	.41	.42	.41	.39	.36	.32	.28	.23	.19	.14	.11	.08	.05	.04	0	0	0	0	0	0	0	0
42		.34	.45	.58	.72	.86	1.0	1.1	1.2	1.2	1.3	1.2	1.2	1.1	1.0	.86	.72	.58	.45	.34	.25	.18	.12	0	0	0	0	0	0	0	0
43		.93	1.2	1.5	1.9	2.3	2.7	3.0	3.3	3.4	3.5	3.4	3.3	3.0	2.7	2.3	1.9	1.5	1.2	.93	.68	.48	.33	0	0	0	0	0	0	0	0
44		2.2	2.9	3.7	4.6	5.6	6.5	7.2	7.9	8.3	8.4	8.3	7.9	7.2	6.5	5.6	4.6	3.7	2.9	2.2	1.6	1.1	.79	0	0	0	0	0	0	0	0
45		4.6	6.2	7.9	10	12	14	16	17	18	18	18	17	16	14	12	10	7.9	6.2	4.6	3.4	2.4	1.6	0	0	0	0	0	0	0	0
46		8.7	12	15	19	22	26	30	32	34	35	34	32	30	26	22	19	15	12	8.7	6.3	4.5	3.0	0	0	0	0	0	0	0	0
47		14	19	25	31	38	44	50	55	58	59	58	55	50	44	38	31	25	19	14	10	7.3	5.0	0	0	0	0	0	0	0	0

48	21	28	36	46	56	67	76	84	89	91	89	84	76	67	56	46	36	28	21	15	11	7.2	0	0	0	0	0	0	0	0
49	27	36	48	61	75	89	102	113	120	122	120	113	102	89	75	61	48	36	27	19	14	9.2	0	0	0	0	0	0	0	0
50	31	41	55	70	86	103	119	132	141	144	141	132	119	103	86	70	55	41	31	22	15	10	0	0	0	0	0	0	0	0
51	30	41	55	70	87	104	121	134	143	146	143	134	121	104	87	70	55	41	30	22	15	10	0	0	0	0	0	0	0	0
52	27	36	48	61	76	91	105	117	124	127	124	117	105	91	76	61	48	36	27	19	13	8.9	0	0	0	0	0	0	0	0
53	20	28	36	46	57	69	79	88	93	95	93	88	79	69	57	46	36	28	20	15	10	6.9	0	0	0	0	0	0	0	0
54	14	18	24	31	38	45	52	57	61	62	61	57	52	45	38	31	24	18	14	10	6.9	4.7	0	0	0	0	0	0	0	0
55	8.1	11	14	18	22	26	30	33	34	35	34	33	30	26	22	18	14	11	8.1	5.9	4.1	2.8	0	0	0	0	0	0	0	0
56	4.3	5.7	7.4	9.2	11	13	15	16	17	18	17	16	15	13	11	9.2	7.4	5.7	4.3	3.1	2.2	1.5	0	0	0	0	0	0	0	0
57	2.0	2.7	3.4	4.3	5.1	6.0	6.8	7.4	7.8	7.9	7.8	7.4	6.8	6.0	5.1	4.3	3.4	2.7	2.0	1.5	1.0	.74	0	0	0	0	0	0	0	0
58	.87	1.1	1.4	1.8	2.1	2.5	2.8	3.0	3.2	3.2	3.2	3.0	2.8	2.5	2.1	1.8	1.4	1.1	.87	.64	.45	.31	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
2	000000000000000000000000000000000000000000000000000000000000000000000																	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
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31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
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36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
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42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
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44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	

```
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 0000000000000000000000000000000000000000000000000000000000000000000000000
CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD   2850.00 SECONDS AFTER DUMP

               5.00 FT BELOW THE WATER SURFACE
 ...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .02 .03 .04
 41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .02 .03 .05 .07 .11 .16
 42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .06 .10 .16 .24 .35 .49
 43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .17 .28 .43 .65 .95 1.3
 44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .41 .67 1.0 1.5 2.2 3.2
 45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .87 1.4 2.1 3.2 4.7 6.7
 46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 1.6 2.5 4.0 6.0 8.8  12
 47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 2.6 4.2 6.5  10  14  20
 48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 3.7 6.0 9.3  14  21  30
 49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 4.7 7.6  12  18  27  38
 50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 5.3 8.5  13  20  30  43
 51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 5.2 8.4  13  20  30  43
 52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 4.6 7.4  12  18  26  37
 53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 3.5 5.7 8.9  14  20  29
 54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 2.4 3.9 6.1 9.2  14  19
 55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 1.5 2.4 3.7 5.5 8.1  12
 56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .82 1.3 2.0 3.0 4.3 6.1
 57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .40 .63 .97 1.4 2.0 2.9
 58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .17 .27 .42 .62 .89 1.2
 59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 60 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 61 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 62 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 63 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 64 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 65 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 66 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 67 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 68 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 69 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 70 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 71 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 72 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 73 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 74 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 75 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 76 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 77 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 78 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 79 0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

 M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61
  2 0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	.06	.08	.10	.13	.15	.18	.20	.22	.23	.23	.23	.22	.20	.18	.15	.13	.10	.08	.06	.04	.03	.02	0	0	0	0	0	0	0	0
41	.22	.29	.37	.46	.55	.63	.71	.77	.81	.82	.81	.77	.71	.63	.55	.46	.37	.29	.22	.16	.11	.07	0	0	0	0	0	0	0	0
42	.67	.89	1.1	1.4	1.6	1.9	2.2	2.3	2.5	2.5	2.5	2.3	2.2	1.9	1.6	1.4	1.1	.89	.67	.49	.35	.24	0	0	0	0	0	0	0	0
43	1.8	2.4	3.0	3.8	4.5	5.3	5.9	6.4	6.8	6.9	6.8	6.4	5.9	5.3	4.5	3.8	3.0	2.4	1.8	1.3	.95	.65	0	0	0	0	0	0	0	0
44	4.3	5.7	7.3	9.1	11	13	14	16	16	17	16	16	14	13	11	9.1	7.3	5.7	4.3	3.2	2.2	1.5	0	0	0	0	0	0	0	0
45	9.1	12	16	19	23	27	30	33	35	35	35	33	30	27	23	19	16	12	9.1	6.7	4.7	3.2	0	0	0	0	0	0	0	0
46	17	23	29	36	44	51	58	63	66	68	66	63	58	51	44	36	29	23	17	12	8.8	6.0	0	0	0	0	0	0	0	0
47	28	37	48	61	74	87	98	108	114	116	114	108	98	87	74	61	48	37	28	20	14	10	0	0	0	0	0	0	0	0
48	41	55	71	90	110	131	149	164	174	177	174	164	149	131	110	90	71	55	41	30	21	14	0	0	0	0	0	0	0	0
49	53	71	93	119	146	174	200	221	235	240	235	221	200	174	146	119	93	71	53	38	27	18	0	0	0	0	0	0	0	0
50	60	81	107	137	169	203	234	259	276	282	276	259	234	203	169	137	107	81	60	43	30	20	0	0	0	0	0	0	0	0
51	59	81	107	137	171	204	236	262	280	286	280	262	236	204	171	137	107	81	59	43	30	20	0	0	0	0	0	0	0	0
52	52	71	93	120	149	178	206	228	243	249	243	228	206	178	149	120	93	71	52	37	26	18	0	0	0	0	0	0	0	0
53	40	54	71	91	112	134	155	171	182	186	182	171	155	134	112	91	71	54	40	29	20	14	0	0	0	0	0	0	0	0
54	27	36	47	60	74	88	101	112	119	121	119	112	101	88	74	60	47	36	27	19	14	9.2	0	0	0	0	0	0	0	0
55	16	21	28	35	43	51	58	64	67	69	67	64	58	51	43	35	28	21	16	12	8.1	5.5	0	0	0	0	0	0	0	0
56	8.4	11	15	18	22	26	29	32	34	35	34	32	29	26	22	18	15	11	8.4	6.1	4.3	3.0	0	0	0	0	0	0	0	0
57	4.0	5.2	6.7	8.4	10	12	13	15	15	16	15	15	13	12	10	8.4	6.7	5.2	4.0	2.9	2.0	1.4	0	0	0	0	0	0	0	0
58	1.7	2.2	2.8	3.5	4.2	4.8	5.4	5.9	6.2	6.3	6.2	5.9	5.4	4.8	4.2	3.5	2.8	2.2	1.7	1.2	.89	.62	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
2	0000000000000000000000000000000000000000000000000000000000000000000000000																	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000

```
 28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 000000000000000000000000000000000000000000000000000000000000000000000000
CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD   2850.00 SECONDS AFTER DUMP

               9.90 FT BELOW THE WATER SURFACE
 ...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +   +   +   +
 41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .01 .02
 42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .02 .03 .04 .06
 43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .02 .03 .05 .08 .12 .18
 44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .05 .09 .14 .21 .30 .43
 45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .11 .18 .29 .44 .64 .91
```

46	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.21	.35	.54	.81	1.1	1.6
47	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.35	.56	.88	1.3	1.9	2.7
48	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.50	.81	1.2	1.9	2.8	4.0
49	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.64	1.0	1.6	2.4	3.5	5.1
50	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.72	1.1	1.8	2.7	4.0	5.7
51	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.71	1.1	1.7	2.7	4.0	5.7
52	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.62	1.0	1.5	2.3	3.5	5.0
53	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.48	.77	1.2	1.8	2.6	3.8
54	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.33	.53	.82	1.2	1.8	2.6
55	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.20	.32	.50	.75	1.1	1.5
56	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.11	.17	.27	.40	.59	.83
57	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.05	.08	.13	.19	.28	.39
58	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.02	.03	.05	.08	.12	.17
59	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
2	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	+	.01	.01	.01	.02	.02	.02	.03	.03	.03	.03	.03	.02	.02	.02	.01	.01	.01	+	+	+	+	0	0	0	0	0	0	0	0
41	.02	.03	.05	.06	.07	.08	.09	.10	.11	.11	.11	.10	.09	.08	.07	.06	.05	.03	.02	.02	.01	.01	0	0	0	0	0	0	0	0
42	.09	.12	.15	.19	.22	.26	.29	.32	.33	.34	.33	.32	.29	.26	.22	.19	.15	.12	.09	.06	.04	.03	0	0	0	0	0	0	0	0
43	.24	.32	.41	.51	.62	.71	.80	.87	.92	.93	.92	.87	.80	.71	.62	.51	.41	.32	.24	.18	.12	.08	0	0	0	0	0	0	0	0
44	.59	.78	1.0	1.2	1.4	1.7	1.9	2.1	2.2	2.2	2.2	2.1	1.9	1.7	1.4	1.2	1.0	.78	.59	.43	.30	.21	0	0	0	0	0	0	0	0
45	1.2	1.6	2.1	2.6	3.1	3.6	4.1	4.4	4.7	4.7	4.7	4.4	4.1	3.6	3.1	2.6	2.1	1.6	1.2	.91	.64	.44	0	0	0	0	0	0	0	0
46	2.3	3.0	3.9	4.9	5.9	6.9	7.8	8.5	8.9	9.1	8.9	8.5	7.8	6.9	5.9	4.9	3.9	3.0	2.3	1.6	1.1	.81	0	0	0	0	0	0	0	0
47	3.7	5.0	6.5	8.2	10	12	13	15	15	16	15	15	13	12	10	8.2	6.5	5.0	3.7	2.7	1.9	1.3	0	0	0	0	0	0	0	0
48	5.5	7.4	10	12	15	18	20	22	24	24	24	22	20	18	15	12	10	7.4	5.5	4.0	2.8	1.9	0	0	0	0	0	0	0	0
49	7.1	10	13	16	20	24	27	30	32	32	32	30	27	24	20	16	13	10	7.1	5.1	3.5	2.4	0	0	0	0	0	0	0	0
50	8.0	11	14	18	23	27	32	35	37	38	37	35	32	27	23	18	14	11	8.0	5.7	4.0	2.7	0	0	0	0	0	0	0	0
51	8.0	11	14	19	23	28	32	35	38	39	38	35	32	28	23	19	14	11	8.0	5.7	4.0	2.7	0	0	0	0	0	0	0	0
52	7.0	10	13	16	20	24	28	31	33	34	33	31	28	24	20	16	13	10	7.0	5.0	3.5	2.3	0	0	0	0	0	0	0	0
53	5.3	7.3	10	12	15	18	21	23	25	25	25	23	21	18	15	12	10	7.3	5.3	3.8	2.6	1.8	0	0	0	0	0	0	0	0
54	3.6	4.8	6.4	8.1	10	12	14	15	16	16	16	15	14	12	10	8.1	6.4	4.8	3.6	2.6	1.8	1.2	0	0	0	0	0	0	0	0
55	2.1	2.8	3.7	4.7	5.8	6.8	7.8	8.6	9.1	9.3	9.1	8.6	7.8	6.8	5.8	4.7	3.7	2.8	2.1	1.5	1.1	.75	0	0	0	0	0	0	0	0
56	1.1	1.5	1.9	2.4	2.9	3.5	3.9	4.3	4.5	4.6	4.5	4.3	3.9	3.5	2.9	2.4	1.9	1.5	1.1	.83	.59	.40	0	0	0	0	0	0	0	0
57	.54	.71	.91	1.1	1.3	1.6	1.8	1.9	2.0	2.1	2.0	1.9	1.8	1.6	1.3	1.1	.91	.71	.54	.39	.28	.19	0	0	0	0	0	0	0	0
58	.23	.30	.38	.47	.57	.66	.74	.80	.84	.86	.84	.80	.74	.66	.57	.47	.38	.30	.23	.17	.12	.08	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

```
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

 M N= 62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79
  2 00000000000000000000000000000000000000000000000000000000000000000000000000
  3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 00000000000000000000000000000000000000000000000000000000000000000000000000
BOTTOM ACCUMULATION OF Clay     (CU FT/GRID SQUARE) ,   2850.00 SECONDS AFTER DUMP
 ...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .
27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .
28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .
29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .
36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .
37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .
38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .
39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .
40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .
41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .
42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .
43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .
44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .
45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .
46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .
47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .
48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .
49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .
50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO

M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11    0   0   0   0   0   0   0   0   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12    0   0   0   0   .   .   .   +   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13    0   0   .   .   +   +   +   + .01 .02 .01   +   +   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0
14    0   .   .   +   + .01 .05 .13 .24 .29 .24 .13 .05 .01   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0
15    0   .   +   + .01 .06 .22 .56 .98 1.2 .98 .56 .22 .06 .01   +   +   .   0   0   0   0   0   0   0   0   0   0   0   0
16    0   .   +   + .01 .07 .25 .62 1.0 1.3 1.0 .62 .25 .07 .01   +   +   .   0   0   0   0   0   0   0   0   0   0   0   0
17    0   .   .   +   + .02 .07 .18 .34 .44 .34 .18 .07 .02   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0
18    0   .   .   +   +   + .01 .02 .04 .04 .04 .02 .01   +   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0
19    0   .   .   +   +   +   + .01 .02 .03 .02 .01   +   +   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0
20    .   .   .   +   +   +   +   + .01 .01 .01   +   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0
21    .   .   .   +   +   +   +   + .01 .01 .01   +   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0
22    .   .   .   +   +   +   +   +   + .01   +   +   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0
23    .   .   .   +   +   +   +   +   + .01   +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   0
24    .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0
25    .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0
26    .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0
27    .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0
```

```
28    .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0
29    .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   0
30    .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0
31    .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0
32    .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   0
33    .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   0
34    .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   0
35    .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   0   0
36    .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   0   0
37    .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   0   0   0   0
38    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   0
39    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   0
40    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   0   0   0
41    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   0   0   0
42    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   0   0   0
43    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   0   0   0
44    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   0   0   0
45    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   0   0   0
46    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   0   0
47    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   0   0
48    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   0   0
49    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   0   0
50    .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   0   0
51    .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   0   0
52    .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   0   0   0
53    .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0
54    .   .   .   .   .   .   .   .   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0
55    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0
56    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0
57    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0
58    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0
59    0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79
 2 000000000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
SMALL CLOUDS AT    2850.00 SECONDS ELAPSED TIME FOR Clay
```

CLOUD #	LOCATION OF CLOUD CENTROID DISTANCE FROM TOP OF GRID	DISTANCE FROM LEFT OF GRID	MASS FROM DISPOSAL (CU FT)	ENTRAINED MASS (CU FT)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	SOLIDS FALL VELOCITY (FPS)
1	1521.	600.0	2.398	0.0000E+00	212.9	0.0000E+00	9.900	0.340000E-04
2	1521.	600.0	0.1581	0.0000E+00	230.1	0.0000E+00	9.900	0.340000E-04
3	1518.	600.0	0.1159	0.0000E+00	247.8	0.0000E+00	9.900	0.340000E-04
4	1515.	600.0	0.7431E-01	0.0000E+00	262.4	0.0000E+00	9.900	0.340000E-04
5	1513.	600.0	0.4749E-01	0.0000E+00	273.3	0.0000E+00	9.900	0.340000E-04
6	1511.	600.0	0.3256E-01	0.0000E+00	281.6	0.0000E+00	9.900	0.340000E-04
7	1509.	600.0	0.2433E-01	0.0000E+00	288.3	0.0000E+00	9.900	0.340000E-04
8	1508.	600.0	0.1948E-01	0.0000E+00	293.9	0.0000E+00	9.900	0.340000E-04
9	1506.	600.0	0.1638E-01	0.0000E+00	298.8	0.0000E+00	9.900	0.340000E-04
10	1505.	600.0	0.1423E-01	0.0000E+00	303.2	0.0000E+00	9.900	0.340000E-04
11	1512.	600.0	5.894	0.0000E+00	303.5	0.0000E+00	9.900	0.340000E-04
12	1476.	600.0	1.957	0.0000E+00	199.5	0.0000E+00	9.900	0.340000E-04
13	1475.	600.0	0.1905	0.0000E+00	218.3	0.0000E+00	9.900	0.340000E-04
14	1473.	600.0	0.1322	0.0000E+00	237.2	0.0000E+00	9.900	0.340000E-04
15	1472.	600.0	0.8101E-01	0.0000E+00	252.5	0.0000E+00	9.900	0.340000E-04
16	1470.	600.0	0.5015E-01	0.0000E+00	263.6	0.0000E+00	9.900	0.340000E-04
17	1469.	600.0	0.3380E-01	0.0000E+00	272.0	0.0000E+00	9.900	0.340000E-04
18	1468.	600.0	0.2505E-01	0.0000E+00	278.7	0.0000E+00	9.900	0.340000E-04
19	1467.	600.0	0.2000E-01	0.0000E+00	284.3	0.0000E+00	9.900	0.340000E-04
20	1452.	600.0	0.1679E-01	0.0000E+00	289.2	0.0000E+00	9.900	0.340000E-04
21	1469.	600.0	14.78	0.0000E+00	293.6	0.0000E+00	9.900	0.526080E-04

```
 SUMMARY OF Clay     DISTRIBUTIONS AFTER    3000.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     26.065
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     14.434



 SUMMARY OF Clay     DISTRIBUTIONS AFTER    3150.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     26.049
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     14.450



 SUMMARY OF Clay     DISTRIBUTIONS AFTER    3300.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     26.034
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     14.466



 SUMMARY OF Clay     DISTRIBUTIONS AFTER    3450.00 SEC.

     TOTAL SUSPENDED MATERIAL (CU FT) =     26.019
     TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     14.481



 SUMMARY OF Clay     DISTRIBUTIONS AFTER    3600.00 SEC.
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TOTAL SUSPENDED MATERIAL (CU FT) = 26.005
TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) = 14.495
CONCENTRATIONS ABOVE BACKGROUND OF Clay (MG/L) IN THE CLOUD 3600.00 SECONDS AFTER DUMP

2.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY 1.000 (LEGEND... + = .LT. .01 . = .LT. .0001 0 = .LT. .000001)

M N=	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	.01	.01	.02	.03	.04	.06	.07	.09
50	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.02	.03	.04	.06	.09	.11	.15	.19	.24
51	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.05	.07	.11	.15	.20	.27	.35	.44	.55
52	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.11	.16	.23	.32	.43	.57	.74	.93	1.1
53	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.22	.32	.45	.62	.83	1.1	1.4	1.8	2.2
54	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.40	.57	.80	1.1	1.4	1.9	2.5	3.2	4.0
55	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.65	.94	1.3	1.8	2.4	3.2	4.2	5.4	6.7
56	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.0	1.4	2.0	2.7	3.7	5.0	6.5	8.3	10
57	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.4	2.0	2.8	3.9	5.3	7.1	9.2	12	15
58	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.8	2.6	3.7	5.1	6.9	9.3	12	16	20
59	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.1	3.1	4.4	6.1	8.3	11	15	19	24
60	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.4	3.4	4.9	6.8	9.3	12	16	21	27
61	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.4	3.5	5.0	6.9	10	13	17	22	28
62	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.3	3.3	4.7	6.5	8.9	12	16	21	26
63	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.0	2.8	4.0	5.6	7.7	10	14	18	23
64	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.6	2.3	3.2	4.5	6.2	8.3	11	14	18
65	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.1	1.7	2.4	3.3	4.5	6.1	8.0	10	13
66	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.82	1.1	1.6	2.2	3.1	4.1	5.4	6.9	8.7
67	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.52	.74	1.0	1.4	1.9	2.6	3.3	4.3	5.4
68	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.30	.43	.61	.84	1.1	1.5	1.9	2.5	3.1
69	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.16	.24	.33	.46	.61	.81	1.0	1.3	1.6
70	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

M N=	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	.12	.14	.16	.19	.21	.23	.25	.26	.27	.27	.27	.26	.25	.23	.21	.19	.16	.14	.12	.09	.07	.06	.04	.03	.02	0	0	0	0	0
50	.29	.35	.41	.47	.52	.58	.62	.65	.67	.68	.67	.65	.62	.58	.52	.47	.41	.35	.29	.24	.19	.15	.11	.09	.06	0	0	0	0	0
51	.67	.80	.94	1.0	1.2	1.3	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.3	1.2	1.0	.94	.80	.67	.55	.44	.35	.27	.20	.15	0	0	0	0	0
52	1.4	1.6	1.9	2.2	2.5	2.7	3.0	3.1	3.2	3.3	3.2	3.1	3.0	2.7	2.5	2.2	1.9	1.6	1.4	1.1	.93	.74	.57	.43	.32	0	0	0	0	0
53	2.7	3.3	3.8	4.4	4.9	5.4	5.8	6.1	6.3	6.4	6.3	6.1	5.8	5.4	4.9	4.4	3.8	3.3	2.7	2.2	1.8	1.4	1.1	.83	.62	0	0	0	0	0
54	4.9	5.9	6.9	8.0	9.0	10	11	11	12	12	12	11	11	10	9.0	8.0	6.9	5.9	4.9	4.0	3.2	2.5	1.9	1.4	1.1	0	0	0	0	0
55	8.3	10	12	13	15	17	18	19	20	20	20	19	18	17	15	13	12	10	8.3	6.7	5.4	4.2	3.2	2.4	1.8	0	0	0	0	0
56	13	15	18	21	24	26	28	30	31	31	31	30	28	26	24	21	18	15	13	10	8.3	6.5	5.0	3.7	2.7	0	0	0	0	0
57	18	22	26	30	35	38	41	44	46	46	46	44	41	38	35	30	26	22	18	15	12	9.2	7.1	5.3	3.9	0	0	0	0	0
58	24	30	35	41	46	52	56	59	62	62	62	59	56	52	46	41	35	30	24	20	16	12	9.3	6.9	5.1	0	0	0	0	0
59	30	36	43	50	57	64	70	74	77	78	77	74	70	64	57	50	43	36	30	24	19	15	11	8.3	6.1	0	0	0	0	0
60	33	41	49	57	65	73	79	84	87	88	87	84	79	73	65	57	49	41	33	27	21	16	12	9.3	6.8	0	0	0	0	0
61	34	42	50	59	67	75	82	87	91	92	91	87	82	75	67	59	50	42	34	28	22	17	13	10	6.9	0	0	0	0	0
62	32	40	47	55	63	71	77	82	86	87	86	82	77	71	63	55	47	40	32	26	21	16	12	8.9	6.5	0	0	0	0	0
63	28	34	41	48	55	61	67	71	74	75	74	71	67	61	55	48	41	34	28	23	18	14	10	7.7	5.6	0	0	0	0	0
64	22	27	32	38	43	48	52	55	58	58	58	55	52	48	43	38	32	27	22	18	14	11	8.3	6.2	4.5	0	0	0	0	0
65	16	20	23	27	31	34	37	40	41	42	41	40	37	34	31	27	23	20	16	13	10	8.0	6.1	4.5	3.3	0	0	0	0	0
66	11	13	15	18	20	23	25	26	27	27	27	26	25	23	20	18	15	13	11	8.7	6.9	5.4	4.1	3.1	2.2	0	0	0	0	0
67	6.6	8.0	10	11	12	14	15	16	16	17	16	16	15	14	12	11	10	8.0	6.6	5.4	4.3	3.3	2.6	1.9	1.4	0	0	0	0	0
68	3.8	4.6	5.4	6.2	7.0	7.7	8.4	8.8	9.2	9.3	9.2	8.8	8.4	7.7	7.0	6.2	5.4	4.6	3.8	3.1	2.5	1.9	1.5	1.1	.84	0	0	0	0	0
69	2.0	2.4	2.8	3.2	3.7	4.0	4.4	4.6	4.8	4.8	4.8	4.6	4.4	4.0	3.7	3.2	2.8	2.4	2.0	1.6	1.3	1.0	.81	.61	.46	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
2	000000000000000000000000000000000000000000000000000000000000000000000000																	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	

```
 36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD   3600.00 SECONDS AFTER DUMP

                5.00 FT BELOW THE WATER SURFACE
 ...MULTIPLY DISPLAYED VALUES BY   1.000          (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
  3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .01 .02 .03 .05 .07 .09 .12 .15 .19
 50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .04 .06 .09 .13 .17 .23 .30 .38 .47
 51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .10 .15 .21 .29 .40 .53 .69 .87 1.0
 52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .22 .32 .45 .62 .84 1.1 1.4 1.8 2.2
 53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .43 .62 .88 1.2 1.6 2.1 2.8 3.5 4.4
```

54	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.78	1.1	1.5	2.1	2.9	3.8	5.0	6.4	7.9
55	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.2	1.8	2.6	3.5	4.8	6.4	8.3	11	13
56	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.9	2.8	3.9	5.4	7.4	10	13	16	20
57	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.7	3.9	5.5	7.7	10	14	18	23	29
58	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.5	5.1	7.2	10	14	18	24	31	39
59	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.2	6.1	8.6	12	16	22	29	37	47
60	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.7	6.7	10	13	18	24	32	42	53
61	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.8	6.9	10	14	19	25	33	43	54
62	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.5	6.5	9.2	13	18	24	31	40	51
63	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.9	5.6	8.0	11	15	20	27	35	44
64	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.1	4.5	6.4	8.9	12	16	21	28	35
65	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.3	3.3	4.7	6.5	8.9	12	16	20	26
66	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.6	2.3	3.2	4.4	6.0	8.1	11	14	17
67	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.0	1.4	2.0	2.8	3.8	5.0	6.6	8.4	11
68	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.60	.86	1.2	1.6	2.2	2.9	3.8	4.9	6.1
69	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.32	.47	.65	.90	1.2	1.6	2.0	2.6	3.2
70	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
2	0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	.23	.28	.32	.37	.41	.45	.49	.52	.53	.54	.53	.52	.49	.45	.41	.37	.32	.28	.23	.19	.15	.12	.09	.07	.05	0	0	0	0	0
50	.58	.69	.80	.92	1.0	1.1	1.2	1.2	1.3	1.3	1.3	1.2	1.2	1.1	1.0	.92	.80	.69	.58	.47	.38	.30	.23	.17	.13	0	0	0	0	0
51	1.3	1.5	1.8	2.1	2.3	2.5	2.7	2.9	3.0	3.0	3.0	2.9	2.7	2.5	2.3	2.1	1.8	1.5	1.3	1.0	.87	.69	.53	.40	.29	0	0	0	0	0
52	2.7	3.3	3.8	4.4	4.9	5.4	5.8	6.1	6.3	6.4	6.3	6.1	5.8	5.4	4.9	4.4	3.8	3.3	2.7	2.2	1.8	1.4	1.1	.84	.62	0	0	0	0	0
53	5.4	6.4	7.5	8.6	10	11	12	12	13	13	13	12	12	11	10	8.6	7.5	6.4	5.4	4.4	3.5	2.8	2.1	1.6	1.2	0	0	0	0	0
54	10	12	14	16	18	19	21	22	23	23	23	22	21	19	18	16	14	12	10	7.9	6.4	5.0	3.8	2.9	2.1	0	0	0	0	0
55	16	19	23	26	30	33	35	37	39	39	39	37	35	33	30	26	23	19	16	13	11	8.3	6.4	4.8	3.5	0	0	0	0	0
56	25	30	36	41	47	51	56	59	61	62	61	59	56	51	47	41	36	30	25	20	16	13	10	7.4	5.4	0	0	0	0	0
57	36	44	51	60	68	75	81	86	89	90	89	86	81	75	68	60	51	44	36	29	23	18	14	10	7.7	0	0	0	0	0
58	48	58	69	80	91	101	110	116	121	122	121	116	110	101	91	80	69	58	48	39	31	24	18	14	10	0	0	0	0	0
59	58	71	84	98	112	125	136	145	150	152	150	145	136	125	112	98	84	71	58	47	37	29	22	16	12	0	0	0	0	0
60	65	80	95	111	127	142	155	165	171	173	171	165	155	142	127	111	95	80	65	53	42	32	24	18	13	0	0	0	0	0
61	67	82	98	115	132	147	161	171	177	180	177	171	161	147	132	115	98	82	67	54	43	33	25	19	14	0	0	0	0	0
62	64	78	93	109	124	139	152	161	168	170	168	161	152	139	124	109	93	78	64	51	40	31	24	18	13	0	0	0	0	0
63	55	67	80	94	107	119	130	139	144	146	144	139	130	119	107	94	80	67	55	44	35	27	20	15	11	0	0	0	0	0
64	43	53	63	74	84	94	102	109	113	114	113	109	102	94	84	74	63	53	43	35	28	21	16	12	8.9	0	0	0	0	0
65	32	38	46	53	60	67	73	78	81	82	81	78	73	67	60	53	46	38	32	26	20	16	12	8.9	6.5	0	0	0	0	0
66	21	26	30	35	40	44	48	51	53	54	53	51	48	44	40	35	30	26	21	17	14	11	8.1	6.0	4.4	0	0	0	0	0
67	13	16	19	22	24	27	29	31	32	32	32	31	29	27	24	22	19	16	13	11	8.4	6.6	5.0	3.8	2.8	0	0	0	0	0
68	7.5	9.0	11	12	14	15	16	17	18	18	18	17	16	15	14	12	11	9.0	7.5	6.1	4.9	3.8	2.9	2.2	1.6	0	0	0	0	0
69	4.0	4.7	5.6	6.4	7.2	8.0	8.6	9.1	9.4	10	9.4	9.1	8.6	8.0	7.2	6.4	5.6	4.7	4.0	3.2	2.6	2.0	1.6	1.2	.90	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

```
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

 M N= 62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79
  2 000000000000000000000000000000000000000000000000000000000000000000000000
  3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
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 20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
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 26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
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 34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
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 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
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 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
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 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 000000000000000000000000000000000000000000000000000000000000000000000000
CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD   3600.00 SECONDS AFTER DUMP

               9.90 FT BELOW THE WATER SURFACE
 ...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

13	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	+	+	.01	.01	.02	.02
50	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	.01	.01	.02	.03	.04	.05	.06
51	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.01	.02	.02	.04	.05	.07	.09	.11	.14
52	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.03	.04	.06	.08	.11	.15	.19	.24	.30
53	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.05	.08	.11	.16	.22	.29	.38	.48	.60
54	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.10	.15	.21	.29	.39	.52	.68	.86	1.0
55	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.17	.25	.35	.48	.65	.87	1.1	1.4	1.7
56	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.26	.38	.53	.74	1.0	1.3	1.7	2.2	2.7
57	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.37	.53	.75	1.0	1.4	1.8	2.4	3.1	3.9
58	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.48	.69	.98	1.3	1.8	2.4	3.2	4.1	5.2
59	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.57	.83	1.1	1.6	2.2	2.9	3.9	5.0	6.3
60	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.63	.91	1.3	1.8	2.4	3.3	4.3	5.6	7.1
61	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.65	.93	1.3	1.8	2.5	3.3	4.4	5.7	7.3
62	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.61	.88	1.2	1.7	2.3	3.1	4.2	5.4	6.9
63	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.53	.76	1.0	1.5	2.0	2.7	3.6	4.7	5.9
64	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.42	.61	.86	1.2	1.6	2.2	2.8	3.7	4.7
65	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.31	.45	.64	.89	1.2	1.6	2.1	2.7	3.4
66	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.21	.31	.43	.60	.82	1.0	1.4	1.8	2.3
67	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.13	.19	.27	.38	.51	.68	.89	1.1	1.4
68	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.08	.11	.16	.22	.30	.40	.52	.66	.82
69	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.04	.06	.08	.12	.16	.21	.28	.35	.44
70	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
2	0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

```
34    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
35    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
36    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
37    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
38    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
39    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
40    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
41    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
42    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
43    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
44    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
45    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
46    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
47    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
48    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
49  .03 .03 .04 .05 .05 .06 .06 .07 .07 .07 .07 .07 .06 .06 .05 .05 .04 .03 .03 .02 .02 .01 .01    +    +    0    0    0    0    0
50  .07 .09 .10 .12 .14 .15 .16 .17 .17 .18 .17 .17 .16 .15 .14 .12 .10 .09 .07 .06 .05 .04 .03 .02 .01    0    0    0    0    0
51  .17 .21 .24 .28 .31 .35 .37 .39 .40 .41 .40 .39 .37 .35 .31 .28 .24 .21 .17 .14 .11 .09 .07 .05 .04    0    0    0    0    0
52  .37 .44 .52 .60 .67 .73 .79 .83 .86 .87 .86 .83 .79 .73 .67 .60 .52 .44 .37 .30 .24 .19 .15 .11 .08    0    0    0    0    0
53  .73 .87 1.0 1.1 1.3 1.4 1.5 1.6 1.6 1.7 1.6 1.6 1.5 1.4 1.3 1.1 1.0 .87 .73 .60 .48 .38 .29 .22 .16    0    0    0    0    0
54  1.3 1.5 1.8 2.1 2.3 2.6 2.8 2.9 3.0 3.1 3.0 2.9 2.8 2.6 2.3 2.1 1.8 1.5 1.3 1.0 .86 .68 .52 .39 .29    0    0    0    0    0
55  2.2 2.6 3.0 3.5 4.0 4.4 4.7 5.0 5.2 5.2 5.2 5.0 4.7 4.4 4.0 3.5 3.0 2.6 2.2 1.7 1.4 1.1 .87 .65 .48    0    0    0    0    0
56  3.4 4.0 4.8 5.5 6.2 6.9 7.5 7.9 8.2 8.3 8.2 7.9 7.5 6.9 6.2 5.5 4.8 4.0 3.4 2.7 2.2 1.7 1.3 1.0 .74    0    0    0    0    0
57  4.8 5.8 6.9 8.0 9.1   10   11   12   12   12   12   12   11   10 9.1 8.0 6.9 5.8 4.8 3.9 3.1 2.4 1.8 1.4 1.0    0    0    0    0    0
58  6.4 7.8 9.2   11   12   14   15   16   16   17   16   16   15   14   12   11 9.2 7.8 6.4 5.2 4.1 3.2 2.4 1.8 1.3    0    0    0    0    0
59  7.8   10   11   13   15   17   18   20   20   21   20   20   18   17   15   13   11   10 7.8 6.3 5.0 3.9 2.9 2.2 1.6    0    0    0    0    0
60  8.8   11   13   15   17   19   21   22   23   23   23   22   21   19   17   15   13   11 8.8 7.1 5.6 4.3 3.3 2.4 1.8    0    0    0    0    0
61  9.1   11   13   16   18   20   22   23   24   24   24   23   22   20   18   16   13   11 9.1 7.3 5.7 4.4 3.3 2.5 1.8    0    0    0    0    0
62  8.6   11   13   15   17   19   21   22   23   23   23   22   21   19   17   15   13   11 8.6 6.9 5.4 4.2 3.1 2.3 1.7    0    0    0    0    0
63  7.4 9.0   11   13   14   16   18   19   19   20   19   19   18   16   14   13   11 9.0 7.4 5.9 4.7 3.6 2.7 2.0 1.5    0    0    0    0    0
64  5.8 7.1 8.5   10   11   13   14   15   15   15   15   15   14   13   11   10 8.5 7.1 5.8 4.7 3.7 2.8 2.2 1.6 1.2    0    0    0    0    0
65  4.2 5.1 6.1 7.1 8.1 9.1   10   11   11   11   11   11   10 9.1 8.1 7.1 6.1 5.1 4.2 3.4 2.7 2.1 1.6 1.2 .89    0    0    0    0    0
66  2.8 3.4 4.1 4.7 5.4 6.0 6.5 6.9 7.1 7.2 7.1 6.9 6.5 6.0 5.4 4.7 4.1 3.4 2.8 2.3 1.8 1.4 1.0 .82 .60    0    0    0    0    0
67  1.7 2.1 2.5 2.9 3.3 3.6 3.9 4.1 4.3 4.3 4.3 4.1 3.9 3.6 3.3 2.9 2.5 2.1 1.7 1.4 1.1 .89 .68 .51 .38    0    0    0    0    0
68  1.0 1.2 1.4 1.6 1.8 2.0 2.2 2.3 2.4 2.4 2.4 2.3 2.2 2.0 1.8 1.6 1.4 1.2 1.0 .82 .66 .52 .40 .30 .22    0    0    0    0    0
69  .54 .64 .76 .87 .98 1.0 1.1 1.2 1.2 1.2 1.2 1.2 1.1 1.0 .98 .87 .76 .64 .54 .44 .35 .28 .21 .16 .12    0    0    0    0    0
70    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
71    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
72    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
73    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
74    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
75    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
76    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
77    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
78    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79
 2 000000000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
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34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
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40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
 55   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 000000000000000000000000000000000000000000000000000000000000000000000000
BOTTOM ACCUMULATION OF Clay     (CU FT/GRID SQUARE) ,   3600.00 SECONDS AFTER DUMP
 ...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .
 27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .
 28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .
 29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
 30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
 31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
 32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
 33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
 34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
 35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .
 36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .
 37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .
 38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .
 39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .
 40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .
 41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .
 42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .
 43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .
 44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .
 45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .
 46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .
 47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .
 48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   +
 49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   +
 50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   +
 51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   +
 52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   +
 53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   +
 54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   +
 55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   +
 56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +
 57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +
 58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +
 59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .
 60 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .
 61 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .
 62 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .
 63 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .
 64 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .
 65 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .
 66 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .
 67 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .
 68 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .
 69 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
 70 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 71 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 72 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 73 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 74 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
75 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11    0   0   0   0   0   0   0   0   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12    0   0   0   0   .   .   .   +   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13    0   0   .   .   +   +   +   + .01 .02 .01   +   +   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0
14    0   .   .   +   + .01 .05 .13 .24 .29 .24 .13 .05 .01   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0
15    0   .   +   + .01 .06 .22 .56 .98 1.2 .98 .56 .22 .06 .01   +   +   .   0   0   0   0   0   0   0   0   0   0   0   0
16    0   .   +   + .01 .07 .25 .62 1.0 1.3 1.0 .62 .25 .07 .01   +   +   .   0   0   0   0   0   0   0   0   0   0   0   0
17    0   .   .   +   + .02 .07 .18 .34 .44 .34 .18 .07 .02   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0
18    0   .   .   +   +   + .01 .02 .04 .04 .04 .02 .01   +   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0
19    0   .   .   +   +   +   + .01 .02 .03 .02 .01   +   +   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0
20    .   .   .   +   +   +   +   + .01 .01 .01   +   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0
21    .   .   .   +   +   +   +   + .01 .01 .01   +   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0
22    .   .   .   +   +   +   +   +   + .01   +   +   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0
23    .   .   .   +   +   +   +   +   + .01   +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   0
24    .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0
25    .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0
26    .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0
27    .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0
28    .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0
29    .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   0
30    .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0
31    .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0
32    .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   0
33    .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   0
34    .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   0
35    .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   0   0
36    .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   0   0
37    .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   0   0   0   0
38    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   0
39    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   0
40    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   0   0   0
41    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   0   0   0
42    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   0   0   0
43    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   0   0   0
44    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   0   0   0
45    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   0   0
46    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   0   0
47    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   0   0
48    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   0
49    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   0
50    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   0
51    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .
52    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .
53    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .
54    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .
55    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .
56    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .
57    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .
58    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .
59    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .
60    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .
61    .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .
62    .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .
63    .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
64    .   .   .   .   .   .   .   .   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
65    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0
66    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0
67    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0
68    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0
69    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0
70    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0
71    0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79
 2 000000000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
```

```
 16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
SMALL CLOUDS AT    3600.00 SECONDS ELAPSED TIME FOR Clay


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
 CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
   #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

   1        1831.         600.0       2.392      0.0000E+00   281.6      0.0000E+00   9.900      0.340000E-04
   2        1830.         600.0      0.1577      0.0000E+00   300.5      0.0000E+00   9.900      0.340000E-04
   3        1827.         600.0      0.1156      0.0000E+00   319.9      0.0000E+00   9.900      0.340000E-04
   4        1824.         600.0     0.7412E-01   0.0000E+00   335.7      0.0000E+00   9.900      0.340000E-04
   5        1822.         600.0     0.4737E-01   0.0000E+00   347.6      0.0000E+00   9.900      0.340000E-04
   6        1820.         600.0     0.3248E-01   0.0000E+00   356.6      0.0000E+00   9.900      0.340000E-04
   7        1819.         600.0     0.2426E-01   0.0000E+00   363.8      0.0000E+00   9.900      0.340000E-04
   8        1817.         600.0     0.1943E-01   0.0000E+00   369.9      0.0000E+00   9.900      0.340000E-04
   9        1816.         600.0     0.1634E-01   0.0000E+00   375.2      0.0000E+00   9.900      0.340000E-04
  10        1814.         600.0     0.1419E-01   0.0000E+00   380.0      0.0000E+00   9.900      0.340000E-04
  11        1821.         600.0       5.879      0.0000E+00   380.3      0.0000E+00   9.900      0.340000E-04
  12        1785.         600.0       1.952      0.0000E+00   266.8      0.0000E+00   9.900      0.340000E-04
  13        1784.         600.0      0.1900      0.0000E+00   287.5      0.0000E+00   9.900      0.340000E-04
  14        1783.         600.0      0.1319      0.0000E+00   308.3      0.0000E+00   9.900      0.340000E-04
  15        1781.         600.0     0.8081E-01   0.0000E+00   324.9      0.0000E+00   9.900      0.340000E-04
  16        1780.         600.0     0.5002E-01   0.0000E+00   337.1      0.0000E+00   9.900      0.340000E-04
  17        1779.         600.0     0.3371E-01   0.0000E+00   346.2      0.0000E+00   9.900      0.340000E-04
  18        1778.         600.0     0.2499E-01   0.0000E+00   353.4      0.0000E+00   9.900      0.340000E-04
  19        1777.         600.0     0.1995E-01   0.0000E+00   359.5      0.0000E+00   9.900      0.340000E-04
  20        1762.         600.0     0.1674E-01   0.0000E+00   364.8      0.0000E+00   9.900      0.340000E-04
  21        1779.         600.0       14.73      0.0000E+00   369.6      0.0000E+00   9.900      0.384149E-04
BOTTOM ACCUMULATION OF Clay     (CU FT/GRID SQUARE) ,   3600.00 SECONDS AFTER DUMP
 ...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
  3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   +
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   +
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   +
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   +
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   +
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   +
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   +
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   +
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO

M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11   0   0   0   0   0   0   0   0   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12   0   0   0   0   .   .   .   +   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13   0   0   .   .   +   +   +   + .01 .02 .01   +   +   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0
14   0   .   .   +   + .01 .05 .13 .24 .29 .24 .13 .05 .01   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0
15   0   .   +   + .01 .06 .22 .56 .98 1.2 .98 .56 .22 .06 .01   +   +   .   0   0   0   0   0   0   0   0   0   0   0   0
16   0   .   +   + .01 .07 .25 .62 1.0 1.3 1.0 .62 .25 .07 .01   +   +   .   0   0   0   0   0   0   0   0   0   0   0   0
17   0   .   .   +   + .02 .07 .18 .34 .44 .34 .18 .07 .02   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0
18   0   .   .   +   +   + .01 .02 .04 .04 .04 .02 .01   +   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0
19   0   .   .   +   +   +   + .01 .02 .03 .02 .01   +   +   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0
20   .   .   .   +   +   +   +   + .01 .01 .01   +   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0
21   .   .   .   +   +   +   +   + .01 .01 .01   +   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0
22   .   .   .   +   +   +   +   +   + .01   +   +   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0
23   .   .   .   +   +   +   +   +   + .01   +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   0
24   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0
25   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0
26   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0
27   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0
28   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0
```

```
29  .  .  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  0  0  0  0  0  0  0  0
30  .  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  0  0  0  0  0  0  0  0
31  .  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  0  0  0  0  0  0  0  0
32  .  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  0  0  0  0  0  0  0
33  .  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  0  0  0  0  0  0  0
34  .  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  0  0  0  0  0  0  0
35  .  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  .  0  0  0  0  0  0
36  .  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  .  0  0  0  0  0  0
37  .  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  .  .  0  0  0  0  0
38  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  .  0  0  0  0  0
39  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  .  0  0  0  0  0
40  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  .  .  0  0  0  0
41  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  .  .  0  0  0  0
42  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  .  .  0  0  0  0
43  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  .  .  .  0  0  0
44  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  .  .  .  0  0  0
45  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  .  .  .  .  0  0
46  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  .  .  .  .  0  0
47  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  .  .  .  .  0  0
48  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  .  .  .  .  0
49  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  .  .  .  .  0
50  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  .  .  .  .  0
51  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  .  .  .  .  .
52  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  .  .  .  .  .
53  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  .  .  .  .  .
54  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  .  .  .  .  .
55  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  .  .  .  .  .
56  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  .  .  .  .  .
57  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  .  .  .  .  .
58  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  .  .  .  .  .
59  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  .  .  .  .  .  .
60  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  .  .  .  .  .  .
61  .  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  .  .  .  .  .  .  .
62  .  .  +  +  +  +  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  .  .  .  .  .  .  .  .
63  .  .  .  .  +  +  +  +  +  +  +  +  +  +  +  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .
64  .  .  .  .  .  .  .  .  +  +  +  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .
65  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  0
66  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  0  0
67  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  0  0  0
68  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  0  0  0  0  0
69  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  0  0  0  0  0  0  0
70  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  0  0  0  0  0  0  0  0  0  0
71  0  0  0  0  .  .  .  .  .  .  .  .  .  .  .  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
72  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
73  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
74  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
75  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
76  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
77  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
78  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79
 2 000000000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
```

```
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 00000000000000000000000000000000000000000000000000000000000000000000000000000000
THICKNESS (FT) OF Clay     ACCUMULATED ON BOTTOM,     3600.00 SECONDS AFTER DUMP
 ...MULTIPLY DISPLAYED VALUES BY  0.1000E-01     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .
 26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .
 27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .
 28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
 29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
 30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
 31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
 32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
 33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
 34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
 35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
 36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
 37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
 38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +
 39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +
 40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +
 41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +
 42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +
 43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +
 44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +
 45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +
 46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +
 47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +
 48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +
 49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +
 50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +
 51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +
 52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +
 53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +
 54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +
 55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +
 56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +
 57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +
 58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +
 59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +
 60 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +
 61 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +
 62 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +
 63 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
 64 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
 65 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
 66 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
 67 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
 68 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
 69 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
```

```
70 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
71 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61
 2 00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11    0   0   0   0   0   0   0   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12    0   0   0   0   .   .   +   +   +   +   +   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13    0   0   .   .   +   +   + .01 .03 .03 .03 .01   +   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14    0   .   .   +   + .02 .10 .26 .45 .55 .45 .26 .10 .02   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0
15    0   .   +   + .02 .11 .42 1.0 1.8 2.3 1.8 1.0 .42 .11 .02   +   +   .   0   0   0   0   0   0   0   0   0   0   0   0   0
16    .   .   +   + .02 .13 .47 1.1 2.0 2.4 2.0 1.1 .47 .13 .02   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0
17    0   .   +   +   + .04 .14 .35 .64 .83 .64 .35 .14 .04   +   +   +   .   0   0   0   0   0   0   0   0   0   0   0   0   0
18    0   .   .   +   +   + .02 .04 .07 .09 .07 .04 .02   +   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0
19    .   .   .   +   +   +   + .01 .04 .05 .04 .01   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0
20    .   .   .   +   +   +   + .01 .02 .02 .02 .01   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0
21    .   .   +   +   +   +   + .01 .02 .03 .02 .01   +   +   +   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0
22    .   .   +   +   +   +   + .01 .01 .02 .01 .01   +   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0
23    .   .   +   +   +   +   + .01 .01 .02 .01 .01   +   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0
24    .   .   +   +   +   +   +   + .01 .01 .01   +   +   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0
25    .   .   +   +   +   +   +   + .01 .01 .01   +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   0
26    .   +   +   +   +   +   +   + .01 .01 .01   +   +   +   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0
27    .   +   +   +   +   +   +   +   + .01   +   +   +   +   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0
28    .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0
29    .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0
30    .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   0
31    .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   0
32    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0
33    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   0
34    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   0
35    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   0
36    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   0
37    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   0
38    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   0
39    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   0
40    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   0
41    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   0   0
42    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   0   0
43    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   0   0
44    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   0
45    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   0
46    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   0
47    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   0
48    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .
49    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .
50    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .
51    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .
52    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .
53    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .
54    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .
55    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .
56    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .
57    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .
58    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .
59    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .
60    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .
61    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .
62    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .
63    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .
64    .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .
65    .   .   .   .   .   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
66    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
67    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0
68    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0
69    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0
70    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0
71    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0
72    0   0   0   0   0   0   0   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79
 2 00000000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
 11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
     BEGIN LONG TERM SIMULATION OF FATE OF Ammonia


 SUMMARY OF Ammonia  DISTRIBUTIONS AFTER     300.00 SEC

     TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =    0.30194E+06
SMALL CLOUDS AT     300.00 SECONDS ELAPSED TIME FOR Ammonia


        LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
 CLOUD          DISTANCE FROM         DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
   #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

   1        460.2         600.0      0.3798E+06  0.2288E+06   91.90      0.0000E+00   9.900      0.000000E+00
   2        418.3         600.0      0.3462E+06  0.1952E+06   85.37      0.0000E+00   9.900      0.000000E+00


 SUMMARY OF Ammonia  DISTRIBUTIONS AFTER     450.00 SEC

     TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =    0.30194E+06
SMALL CLOUDS AT     450.00 SECONDS ELAPSED TIME FOR Ammonia


        LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
 CLOUD          DISTANCE FROM         DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
   #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

   1        522.1         600.0      0.4284E+06  0.2775E+06   101.9      0.0000E+00   9.900      0.000000E+00
   2        480.2         600.0      0.3906E+06  0.2397E+06   95.12      0.0000E+00   9.900      0.000000E+00
```

SUMMARY OF Ammonia DISTRIBUTIONS AFTER 600.00 SEC

TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) = 0.30194E+06
SMALL CLOUDS AT 600.00 SECONDS ELAPSED TIME FOR Ammonia

CLOUD #	LOCATION OF CLOUD CENTROID DISTANCE FROM TOP OF GRID	LEFT OF GRID	MASS FROM DISPOSAL (MG)	ENTRAINED MASS (MG)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	SOLIDS FALL VELOCITY (FPS)
1	584.0	600.0	0.4905E+06	0.3395E+06	112.2	0.0000E+00	9.900	0.000000E+00
2	542.1	600.0	0.4474E+06	0.2965E+06	105.2	0.0000E+00	9.900	0.000000E+00

SUMMARY OF Ammonia DISTRIBUTIONS AFTER 750.00 SEC

TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) = 0.30194E+06
SMALL CLOUDS AT 750.00 SECONDS ELAPSED TIME FOR Ammonia

CLOUD #	LOCATION OF CLOUD CENTROID DISTANCE FROM TOP OF GRID	LEFT OF GRID	MASS FROM DISPOSAL (MG)	ENTRAINED MASS (MG)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	SOLIDS FALL VELOCITY (FPS)
1	645.9	600.0	0.5609E+06	0.4099E+06	122.9	0.0000E+00	9.900	0.000000E+00
2	604.0	600.0	0.5122E+06	0.3612E+06	115.7	0.0000E+00	9.900	0.000000E+00

SUMMARY OF Ammonia DISTRIBUTIONS AFTER 900.00 SEC

TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) = 0.30194E+06
SMALL CLOUDS AT 900.00 SECONDS ELAPSED TIME FOR Ammonia

CLOUD #	LOCATION OF CLOUD CENTROID DISTANCE FROM TOP OF GRID	LEFT OF GRID	MASS FROM DISPOSAL (MG)	ENTRAINED MASS (MG)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	SOLIDS FALL VELOCITY (FPS)
1	707.8	600.0	0.6402E+06	0.4892E+06	133.9	0.0000E+00	9.900	0.000000E+00
2	665.9	600.0	0.5854E+06	0.4344E+06	126.5	0.0000E+00	9.900	0.000000E+00

SUMMARY OF Ammonia DISTRIBUTIONS AFTER 1050.00 SEC

TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) = 0.30194E+06
CONCENTRATIONS ABOVE BACKGROUND OF Ammonia (MG/L) IN THE CLOUD 1050.00 SECONDS AFTER DUMP

```
              2.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY  0.1000E-01     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

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48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21   .   +   +   +   +   + .01 .01 .01 .02 .01 .01 .01   +   +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22   +   +   + .01 .03 .06 .10 .15 .19 .20 .19 .15 .10 .06 .03 .01   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23   + .01 .03 .07 .17 .34 .57 .83 1.0 1.1 1.0 .83 .57 .34 .17 .07   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24   + .03 .09 .25 .56 1.0 1.8 2.6 3.2 3.5 3.2 2.6 1.8 1.0 .56 .25   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 .01 .06 .19 .48 1.0 2.0 3.4 4.8 6.0 6.5 6.0 4.8 3.4 2.0 1.0 .48   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 .02 .08 .24 .60 1.3 2.4 4.0 5.7 7.1 7.6 7.1 5.7 4.0 2.4 1.3 .60   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 .02 .07 .19 .48 1.0 1.9 3.1 4.4 5.5 5.9 5.5 4.4 3.1 1.9 1.0 .48   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 .01 .03 .10 .26 .55 1.0 1.6 2.3 2.8 3.0 2.8 2.3 1.6 1.0 .55 .26   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29   + .01 .03 .09 .18 .34 .55 .78 .95 1.0 .95 .78 .55 .34 .18 .09   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30   +   +   + .01 .03 .07 .11 .16 .19 .21 .19 .16 .11 .07 .03 .01   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
 69    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 70    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 71    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 72    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 73    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 74    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 75    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 76    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 77    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 78    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO

 M N= 62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79
  2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
  3    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
  4    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
  5    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
  6    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
  7    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
  8    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
  9    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 10    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 11    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 12    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 13    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 14    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 15    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 16    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 17    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 18    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 19    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 20    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 21    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 22    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 23    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 24    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 25    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 26    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 27    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 28    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 29    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 30    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 31    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 32    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 33    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 34    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 35    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 36    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 37    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 38    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 39    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 40    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 41    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 42    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 43    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 44    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 45    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 46    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 47    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 48    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 49    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 50    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 51    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 52    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 53    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 54    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 55    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 56    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 57    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 58    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 59    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 60    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 61    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 62    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 63    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 64    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 65    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 66    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 67    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 68    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 69    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 70    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 71    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 72    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 73    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 74    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 75    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 76    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 77    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 78    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
CONCENTRATIONS ABOVE BACKGROUND OF Ammonia  (MG/L) IN THE CLOUD   1050.00 SECONDS AFTER DUMP

                5.00 FT BELOW THE WATER SURFACE
 ...MULTIPLY DISPLAYED VALUES BY   1.000          (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
  3 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
  4 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
  5 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
  6 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
```

7	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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32	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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37	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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40	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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43	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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46	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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49	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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60	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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65	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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75	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO																													

M N=	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
2	OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO																													
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	.	.	.	.	.	+	+	+	+	+	+	+	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	.	+	+	+	+	+	.01	.01	.02	.02	.02	.01	.01	+	+	+	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	+	+	+	+	.01	.02	.03	.05	.06	.06	.06	.05	.03	.02	.01	+	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	+	+	+	+	.02	.04	.06	.09	.11	.12	.11	.09	.06	.04	.02	+	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	+	+	+	.01	.02	.04	.07	.11	.13	.14	.13	.11	.07	.04	.02	.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	+	+	+	+	.02	.03	.06	.08	.10	.11	.10	.08	.06	.03	.02	+	0	0	0	0	0	0	0	0	0	0	0	0	0	0

28	+	+	+	+	.01	.02	.03	.04	.05	.05	.05	.04	.03	.02	.01	+	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	.	+	+	+	+	+	.01	.01	.01	.02	.01	.01	.01	+	+	+	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																														

M N=	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
2	00000000000000000000000000000000000000000000000000000000000000000000000000																	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	

```
 49    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 50    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 51    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 52    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 53    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 54    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 55    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 56    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 57    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 58    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 59    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 60    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 61    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 62    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 63    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 64    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 65    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 66    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 67    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 68    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 69    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 70    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 71    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 72    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 73    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 74    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 75    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 76    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 77    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 78    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
CONCENTRATIONS ABOVE BACKGROUND OF Ammonia  (MG/L) IN THE CLOUD   1050.00 SECONDS AFTER DUMP

                   9.90 FT BELOW THE WATER SURFACE
 ...MULTIPLY DISPLAYED VALUES BY  0.1000E-01     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2    3    4    5    6    7    8    9   10   11   12   13   14   15   16   17   18   19   20   21   22   23   24   25   26   27   28   29   30   31
  2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
  3 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
  4 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
  5 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
  6 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
  7 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
  8 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
  9 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 10 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 11 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 12 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 13 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 14 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 15 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 16 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 17 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 18 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 19 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 20 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 21 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 22 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 23 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 24 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 25 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 26 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 27 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 28 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 29 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 30 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 31 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 32 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 33 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 34 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 35 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 36 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 37 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 38 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 39 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 40 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 41 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 42 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 43 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 44 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 45 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 46 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 47 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 48 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 49 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 50 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 51 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 52 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 53 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 54 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 55 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 56 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 57 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 58 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 59 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 60 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 61 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 62 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 63 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 64 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 65 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 66 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
```

```
67 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61
 2 0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19    0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20    0   .   .   .   .   .   +   +   +   +   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21    .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22    +   +   +   +   + .01 .02 .04 .05 .05 .05 .04 .02 .01   +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23    +   +   + .02 .04 .09 .15 .22 .27 .29 .27 .22 .15 .09 .04 .02   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24    +   + .02 .06 .14 .28 .48 .69 .86 .93 .86 .69 .48 .28 .14 .06   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25    + .01 .05 .12 .28 .54 .90 1.2 1.6 1.7 1.6 1.2 .90 .54 .28 .12   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26    + .02 .06 .15 .34 .65 1.0 1.5 1.8 2.0 1.8 1.5 1.0 .65 .34 .15   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27    + .01 .05 .12 .27 .51 .83 1.1 1.4 1.5 1.4 1.1 .83 .51 .27 .12   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28    + .01 .02 .06 .14 .27 .43 .61 .75 .80 .75 .61 .43 .27 .14 .06   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29    +   +   + .02 .05 .09 .14 .20 .25 .27 .25 .20 .14 .09 .05 .02   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30    +   +   +   + .01 .01 .03 .04 .05 .05 .05 .04 .03 .01 .01   +   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79
 2 0000000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
  8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
  9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
CONCENTRATIONS ABOVE BACKGROUND OF Ammonia  (MG/L) IN THE CLOUD   1050.00 SECONDS AFTER DUMP

 THESE CONCENTRATIONS ARE THE MAXIMUM OCCURING IN THE WATER COLUMN AT THIS TIME

 ...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
  3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO

M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61
  2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
  3   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21   .   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23   .   +   +   +   +   + .01 .01 .02 .02 .02 .01 .01   +   +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 24   +   +   +   + .01 .02 .03 .05 .06 .06 .06 .05 .03 .02 .01   +   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 25   +   +   +   + .02 .04 .06 .09 .11 .12 .11 .09 .06 .04 .02   +   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 26   +   +   + .01 .02 .04 .07 .11 .13 .14 .13 .11 .07 .04 .02 .01   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 27   +   +   +   + .02 .03 .06 .08 .10 .11 .10 .08 .06 .03 .02   +   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 28   +   +   +   + .01 .02 .03 .04 .05 .05 .05 .04 .03 .02 .01   +   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 29   .   +   +   +   +   + .01 .01 .01 .02 .01 .01 .01   +   +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 30   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 31   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 32   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 33   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 34   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 35   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 36   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 37   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 38   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 39   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 40   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 41   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 42   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 43   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 44   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 45   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
2	000000000000000000000000000000000000000000000000000000000000000000000000																	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	

```
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
SMALL CLOUDS AT    1050.00 SECONDS ELAPSED TIME FOR Ammonia


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
 CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
   #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

   1        769.7         600.0      0.7289E+06  0.5779E+06   145.3      0.0000E+00   9.900      0.000000E+00
   2        727.8         600.0      0.6677E+06  0.5167E+06   137.6      0.0000E+00   9.900      0.000000E+00


 SUMMARY OF Ammonia  DISTRIBUTIONS AFTER    1200.00 SEC

     TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =    0.30194E+06
SMALL CLOUDS AT    1200.00 SECONDS ELAPSED TIME FOR Ammonia


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
 CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
   #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

   1        831.6         600.0      0.8275E+06  0.6765E+06   156.9      0.0000E+00   9.900      0.000000E+00
   2        789.7         600.0      0.7595E+06  0.6086E+06   149.0      0.0000E+00   9.900      0.000000E+00


 SUMMARY OF Ammonia  DISTRIBUTIONS AFTER    1350.00 SEC

     TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =    0.30194E+06
SMALL CLOUDS AT    1350.00 SECONDS ELAPSED TIME FOR Ammonia


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
 CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
   #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

   1        893.5         600.0      0.9365E+06  0.7855E+06   168.8      0.0000E+00   9.900      0.000000E+00
   2        851.6         600.0      0.8615E+06  0.7105E+06   160.8      0.0000E+00   9.900      0.000000E+00


 SUMMARY OF Ammonia  DISTRIBUTIONS AFTER    1500.00 SEC

     TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =    0.30193E+06
SMALL CLOUDS AT    1500.00 SECONDS ELAPSED TIME FOR Ammonia


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
 CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
   #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

   1        955.4         600.0      0.1057E+07  0.9056E+06   181.1      0.0000E+00   9.900      0.000000E+00
   2        913.5         600.0      0.9741E+06  0.8231E+06   172.8      0.0000E+00   9.900      0.000000E+00


 SUMMARY OF Ammonia  DISTRIBUTIONS AFTER    1650.00 SEC

     TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =    0.30193E+06
SMALL CLOUDS AT    1650.00 SECONDS ELAPSED TIME FOR Ammonia


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
 CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
   #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

   1        1017.         600.0      0.1188E+07  0.1037E+07   193.6      0.0000E+00   9.900      0.000000E+00
   2        975.4         600.0      0.1098E+07  0.9469E+06   185.1      0.0000E+00   9.900      0.000000E+00


 SUMMARY OF Ammonia  DISTRIBUTIONS AFTER    1800.00 SEC

     TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =    0.30193E+06
SMALL CLOUDS AT    1800.00 SECONDS ELAPSED TIME FOR Ammonia


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
 CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
   #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

   1        1079.         600.0      0.1332E+07  0.1181E+07   206.4      0.0000E+00   9.900      0.000000E+00
   2        1037.         600.0      0.1233E+07  0.1082E+07   197.8      0.0000E+00   9.900      0.000000E+00


 SUMMARY OF Ammonia  DISTRIBUTIONS AFTER    1950.00 SEC
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     TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =    0.30193E+06
CONCENTRATIONS ABOVE BACKGROUND OF Ammonia  (MG/L) IN THE CLOUD   1950.00 SECONDS AFTER DUMP

                2.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY  0.1000E-01     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=   2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
 31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +
 32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +
 33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +
 34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .02
 35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .01 .02 .04
 36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .02 .04 .09
 37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .03 .07 .13
 38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .04 .08 .16
 39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .04 .08 .16
 40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .03 .06 .12
 41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .02 .04 .08
 42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .01 .02 .04
 43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01
 44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +
 45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 60 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 61 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 62 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 63 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 64 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 65 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 66 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 67 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 68 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 69 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 70 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 71 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 72 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 73 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 74 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 75 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 76 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 77 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 78 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N=  32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61
  2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	0	0	0	0	0	0	0	0	0	0	0
31	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	0	0	0	0	0	0	0	0	0	0	0
32	+	+	+	.01	.01	.02	.02	.03	.03	.03	.03	.03	.02	.02	.01	.01	+	+	+	0	0	0	0	0	0	0	0	0	0	0
33	.01	.02	.03	.04	.06	.09	.11	.13	.14	.15	.14	.13	.11	.09	.06	.04	.03	.02	.01	0	0	0	0	0	0	0	0	0	0	0
34	.03	.06	.09	.14	.20	.27	.34	.40	.44	.45	.44	.40	.34	.27	.20	.14	.09	.06	.03	0	0	0	0	0	0	0	0	0	0	0
35	.08	.14	.23	.35	.49	.65	.81	.95	1.0	1.0	1.0	.95	.81	.65	.49	.35	.23	.14	.08	0	0	0	0	0	0	0	0	0	0	0
36	.16	.27	.44	.66	.92	1.2	1.5	1.7	1.9	2.0	1.9	1.7	1.5	1.2	.92	.66	.44	.27	.16	0	0	0	0	0	0	0	0	0	0	0
37	.24	.41	.66	.98	1.3	1.8	2.2	2.6	2.9	2.9	2.9	2.6	2.2	1.8	1.3	.98	.66	.41	.24	0	0	0	0	0	0	0	0	0	0	0
38	.29	.49	.79	1.1	1.6	2.1	2.6	3.1	3.4	3.5	3.4	3.1	2.6	2.1	1.6	1.1	.79	.49	.29	0	0	0	0	0	0	0	0	0	0	0
39	.28	.48	.76	1.1	1.5	2.0	2.5	2.9	3.2	3.3	3.2	2.9	2.5	2.0	1.5	1.1	.76	.48	.28	0	0	0	0	0	0	0	0	0	0	0
40	.22	.37	.59	.87	1.2	1.6	1.9	2.3	2.5	2.6	2.5	2.3	1.9	1.6	1.2	.87	.59	.37	.22	0	0	0	0	0	0	0	0	0	0	0
41	.14	.23	.37	.55	.76	1.0	1.2	1.4	1.5	1.6	1.5	1.4	1.2	1.0	.76	.55	.37	.23	.14	0	0	0	0	0	0	0	0	0	0	0
42	.07	.12	.19	.28	.39	.51	.63	.73	.80	.82	.80	.73	.63	.51	.39	.28	.19	.12	.07	0	0	0	0	0	0	0	0	0	0	0
43	.03	.05	.07	.11	.16	.21	.25	.30	.32	.33	.32	.30	.25	.21	.16	.11	.07	.05	.03	0	0	0	0	0	0	0	0	0	0	0
44	.01	.01	.02	.03	.05	.07	.08	.09	.10	.11	.10	.09	.08	.07	.05	.03	.02	.01	.01	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
2	00000000000000000000000000000000000000000000000000000000000000000000000																	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	

```
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 0000000000000000000000000000000000000000000000000000000000000000000000000000
CONCENTRATIONS ABOVE BACKGROUND OF Ammonia  (MG/L) IN THE CLOUD   1950.00 SECONDS AFTER DUMP

               5.00 FT BELOW THE WATER SURFACE
 ...MULTIPLY DISPLAYED VALUES BY  0.1000E-01     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +
 31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +
 32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +
 33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01
 34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   + .02 .03
 35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .02 .04 .09
 36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .04 .09 .17
 37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .06 .14 .26
 38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .08 .17 .32
 39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .08 .16 .31
 40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .06 .13 .24
 41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .04 .08 .15
 42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .02 .04 .08
 43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .03
 44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01
 45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

55	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
2	00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	0	0	0	0	0	0	0	0	0	0	0
31	+	+	+	+	+	+	.01	.01	.01	.01	.01	.01	.01	+	+	+	+	+	+	0	0	0	0	0	0	0	0	0	0	0
32	+	.01	.01	.02	.03	.04	.05	.06	.07	.07	.07	.06	.05	.04	.03	.02	.01	.01	+	0	0	0	0	0	0	0	0	0	0	0
33	.02	.03	.06	.09	.13	.18	.22	.26	.28	.29	.28	.26	.22	.18	.13	.09	.06	.03	.02	0	0	0	0	0	0	0	0	0	0	0
34	.07	.12	.19	.29	.40	.54	.67	.79	.86	.89	.86	.79	.67	.54	.40	.29	.19	.12	.07	0	0	0	0	0	0	0	0	0	0	0
35	.16	.28	.45	.68	.97	1.2	1.6	1.8	2.0	2.1	2.0	1.8	1.6	1.2	.97	.68	.45	.28	.16	0	0	0	0	0	0	0	0	0	0	0
36	.32	.54	.86	1.2	1.8	2.4	2.9	3.4	3.8	3.9	3.8	3.4	2.9	2.4	1.8	1.2	.86	.54	.32	0	0	0	0	0	0	0	0	0	0	0
37	.48	.81	1.2	1.9	2.7	3.5	4.4	5.1	5.6	5.8	5.6	5.1	4.4	3.5	2.7	1.9	1.2	.81	.48	0	0	0	0	0	0	0	0	0	0	0
38	.58	.97	1.5	2.3	3.2	4.2	5.2	6.1	6.7	6.9	6.7	6.1	5.2	4.2	3.2	2.3	1.5	.97	.58	0	0	0	0	0	0	0	0	0	0	0
39	.56	.94	1.4	2.2	3.0	4.0	5.0	5.8	6.4	6.6	6.4	5.8	5.0	4.0	3.0	2.2	1.4	.94	.56	0	0	0	0	0	0	0	0	0	0	0
40	.44	.73	1.1	1.7	2.3	3.1	3.8	4.5	4.9	5.1	4.9	4.5	3.8	3.1	2.3	1.7	1.1	.73	.44	0	0	0	0	0	0	0	0	0	0	0
41	.28	.46	.73	1.0	1.5	1.9	2.4	2.8	3.0	3.1	3.0	2.8	2.4	1.9	1.5	1.0	.73	.46	.28	0	0	0	0	0	0	0	0	0	0	0
42	.14	.23	.37	.55	.76	1.0	1.2	1.4	1.5	1.6	1.5	1.4	1.2	1.0	.76	.55	.37	.23	.14	0	0	0	0	0	0	0	0	0	0	0
43	.05	.09	.15	.22	.31	.41	.50	.58	.64	.66	.64	.58	.50	.41	.31	.22	.15	.09	.05	0	0	0	0	0	0	0	0	0	0	0
44	.02	.03	.05	.07	.10	.13	.16	.19	.21	.22	.21	.19	.16	.13	.10	.07	.05	.03	.02	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

```
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

 M N= 62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79
  2 000000000000000000000000000000000000000000000000000000000000000000000000
  3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 000000000000000000000000000000000000000000000000000000000000000000000000
CONCENTRATIONS ABOVE BACKGROUND OF Ammonia  (MG/L) IN THE CLOUD   1950.00 SECONDS AFTER DUMP

             9.90 FT BELOW THE WATER SURFACE
 ...MULTIPLY DISPLAYED VALUES BY  0.1000E-02     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

14	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	+
31	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+
32	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+
33	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	.01
34	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.01	.02	.05
35	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.03	.06	.12
36	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.06	.12	.24
37	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.09	.19	.36
38	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.11	.23	.43
39	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.11	.22	.42
40	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.08	.17	.33
41	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.05	.11	.21
42	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.02	.05	.11
43	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.01	.02	.04
44	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	.01
45	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	OOOO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO																													

M N=	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
2	OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO																													
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	0	0	0	0	0	0	0	0	0	0	0
31	+	+	+	+	+	.01	.01	.01	.02	.02	.02	.01	.01	.01	+	+	+	+	+	0	0	0	0	0	0	0	0	0	0	0
32	+	.01	.02	.03	.04	.06	.07	.09	.10	.10	.10	.09	.07	.06	.04	.03	.02	.01	+	0	0	0	0	0	0	0	0	0	0	0
33	.03	.05	.08	.13	.18	.24	.30	.35	.39	.40	.39	.35	.30	.24	.18	.13	.08	.05	.03	0	0	0	0	0	0	0	0	0	0	0
34	.09	.16	.26	.39	.55	.73	.91	1.0	1.1	1.2	1.1	1.0	.91	.73	.55	.39	.26	.16	.09	0	0	0	0	0	0	0	0	0	0	0

```
35  .22 .38 .62 .93 1.3 1.7 2.1 2.5 2.7 2.8 2.7 2.5 2.1 1.7 1.3 .93 .62 .38 .22   0   0   0   0   0   0   0   0   0   0   0
36  .43 .73 1.1 1.7 2.4 3.2 4.0 4.7 5.1 5.3 5.1 4.7 4.0 3.2 2.4 1.7 1.1 .73 .43   0   0   0   0   0   0   0   0   0   0   0
37  .65 1.1 1.7 2.6 3.6 4.8 6.0 7.0 7.7 7.9 7.7 7.0 6.0 4.8 3.6 2.6 1.7 1.1 .65   0   0   0   0   0   0   0   0   0   0   0
38  .78 1.3 2.0 3.1 4.3 5.7 7.1 8.3 9.1 9.4 9.1 8.3 7.1 5.7 4.3 3.1 2.0 1.3 .78   0   0   0   0   0   0   0   0   0   0   0
39  .76 1.2 2.0 2.9 4.1 5.5 6.8 7.9 8.7 8.9 8.7 7.9 6.8 5.5 4.1 2.9 2.0 1.2 .76   0   0   0   0   0   0   0   0   0   0   0
40  .59 .99 1.5 2.3 3.2 4.2 5.2 6.1 6.7 6.9 6.7 6.1 5.2 4.2 3.2 2.3 1.5 .99 .59   0   0   0   0   0   0   0   0   0   0   0
41  .37 .63 .99 1.4 2.0 2.6 3.2 3.8 4.1 4.3 4.1 3.8 3.2 2.6 2.0 1.4 .99 .63 .37   0   0   0   0   0   0   0   0   0   0   0
42  .19 .32 .50 .74 1.0 1.3 1.6 1.9 2.1 2.1 2.1 1.9 1.6 1.3 1.0 .74 .50 .32 .19   0   0   0   0   0   0   0   0   0   0   0
43  .08 .13 .20 .30 .42 .55 .68 .79 .87 .89 .87 .79 .68 .55 .42 .30 .20 .13 .08   0   0   0   0   0   0   0   0   0   0   0
44  .02 .04 .06 .10 .14 .18 .22 .26 .28 .29 .28 .26 .22 .18 .14 .10 .06 .04 .02   0   0   0   0   0   0   0   0   0   0   0
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79
 2 000000000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 000000000000000000000000000000000000000000000000000000000000000000000000
CONCENTRATIONS ABOVE BACKGROUND OF Ammonia  (MG/L) IN THE CLOUD   1950.00 SECONDS AFTER DUMP

 THESE CONCENTRATIONS ARE THE MAXIMUM OCCURING IN THE WATER COLUMN AT THIS TIME

 ...MULTIPLY DISPLAYED VALUES BY  0.1000E-01     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +
 31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +
 32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +
 33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01
 34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   + .02 .03
 35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .02 .04 .09
 36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .04 .09 .17
 37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .06 .14 .26
 38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .08 .17 .32
 39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .08 .16 .31
 40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .06 .13 .24
 41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .04 .08 .15
 42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .02 .04 .08
 43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .03
 44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01
 45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 60 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 61 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 62 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 63 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 64 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 65 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 66 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 67 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 68 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 69 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 70 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 71 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 72 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

73	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
2	00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	0	0	0	0	0	0	0	0	0	0	0
31	+	+	+	+	+	+	.01	.01	.01	.01	.01	.01	.01	+	+	+	+	+	+	0	0	0	0	0	0	0	0	0	0	0
32	+	.01	.01	.02	.03	.04	.05	.06	.07	.07	.07	.06	.05	.04	.03	.02	.01	.01	+	0	0	0	0	0	0	0	0	0	0	0
33	.02	.03	.06	.09	.13	.18	.22	.26	.28	.29	.28	.26	.22	.18	.13	.09	.06	.03	.02	0	0	0	0	0	0	0	0	0	0	0
34	.07	.12	.19	.29	.40	.54	.67	.79	.86	.89	.86	.79	.67	.54	.40	.29	.19	.12	.07	0	0	0	0	0	0	0	0	0	0	0
35	.16	.28	.45	.68	.97	1.2	1.6	1.8	2.0	2.1	2.0	1.8	1.6	1.2	.97	.68	.45	.28	.16	0	0	0	0	0	0	0	0	0	0	0
36	.32	.54	.86	1.2	1.8	2.4	2.9	3.4	3.8	3.9	3.8	3.4	2.9	2.4	1.8	1.2	.86	.54	.32	0	0	0	0	0	0	0	0	0	0	0
37	.48	.81	1.2	1.9	2.7	3.5	4.4	5.1	5.6	5.8	5.6	5.1	4.4	3.5	2.7	1.9	1.2	.81	.48	0	0	0	0	0	0	0	0	0	0	0
38	.58	.97	1.5	2.3	3.2	4.2	5.2	6.1	6.7	6.9	6.7	6.1	5.2	4.2	3.2	2.3	1.5	.97	.58	0	0	0	0	0	0	0	0	0	0	0
39	.56	.94	1.4	2.2	3.0	4.0	5.0	5.8	6.4	6.6	6.4	5.8	5.0	4.0	3.0	2.2	1.4	.94	.56	0	0	0	0	0	0	0	0	0	0	0
40	.44	.73	1.1	1.7	2.3	3.1	3.8	4.5	4.9	5.1	4.9	4.5	3.8	3.1	2.3	1.7	1.1	.73	.44	0	0	0	0	0	0	0	0	0	0	0
41	.28	.46	.73	1.0	1.5	1.9	2.4	2.8	3.0	3.1	3.0	2.8	2.4	1.9	1.5	1.0	.73	.46	.28	0	0	0	0	0	0	0	0	0	0	0
42	.14	.23	.37	.55	.76	1.0	1.2	1.4	1.5	1.6	1.5	1.4	1.2	1.0	.76	.55	.37	.23	.14	0	0	0	0	0	0	0	0	0	0	0
43	.05	.09	.15	.22	.31	.41	.50	.58	.64	.66	.64	.58	.50	.41	.31	.22	.15	.09	.05	0	0	0	0	0	0	0	0	0	0	0
44	.02	.03	.05	.07	.10	.13	.16	.19	.21	.22	.21	.19	.16	.13	.10	.07	.05	.03	.02	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
2	000000000000000000000000000000000000000000000000000000000000000000000000																	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	

```
 14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
SMALL CLOUDS AT    1950.00 SECONDS ELAPSED TIME FOR Ammonia


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
 CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
   #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

   1        1141.         600.0      0.1488E+07  0.1337E+07   219.5      0.0000E+00   9.900      0.000000E+00
   2        1099.         600.0      0.1381E+07  0.1230E+07   210.7      0.0000E+00   9.900      0.000000E+00


 SUMMARY OF Ammonia  DISTRIBUTIONS AFTER    2100.00 SEC

     TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =    0.30193E+06
SMALL CLOUDS AT    2100.00 SECONDS ELAPSED TIME FOR Ammonia


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
 CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
   #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

   1        1203.         600.0      0.1657E+07  0.1506E+07   232.9      0.0000E+00   9.900      0.000000E+00
   2        1161.         600.0      0.1541E+07  0.1390E+07   223.8      0.0000E+00   9.900      0.000000E+00


 SUMMARY OF Ammonia  DISTRIBUTIONS AFTER    2250.00 SEC

     TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =    0.30193E+06
SMALL CLOUDS AT    2250.00 SECONDS ELAPSED TIME FOR Ammonia


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
 CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
```

#	TOP OF GRID	LEFT OF GRID	(MG)	(MG)	(FT)	(FT)	(FT)	(FPS)
1	1265.	600.0	0.1840E+07	0.1690E+07	246.5	0.0000E+00	9.900	0.000000E+00
2	1223.	600.0	0.1715E+07	0.1564E+07	237.3	0.0000E+00	9.900	0.000000E+00

SUMMARY OF Ammonia DISTRIBUTIONS AFTER 2400.00 SEC

TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) = 0.30194E+06
SMALL CLOUDS AT 2400.00 SECONDS ELAPSED TIME FOR Ammonia

CLOUD #	LOCATION OF CLOUD CENTROID DISTANCE FROM TOP OF GRID	LEFT OF GRID	MASS FROM DISPOSAL (MG)	ENTRAINED MASS (MG)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	SOLIDS FALL VELOCITY (FPS)
1	1327.	600.0	0.2038E+07	0.1887E+07	260.4	0.0000E+00	9.900	0.000000E+00
2	1285.	600.0	0.1903E+07	0.1752E+07	251.0	0.0000E+00	9.900	0.000000E+00

SUMMARY OF Ammonia DISTRIBUTIONS AFTER 2550.00 SEC

TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) = 0.30194E+06
SMALL CLOUDS AT 2550.00 SECONDS ELAPSED TIME FOR Ammonia

CLOUD #	LOCATION OF CLOUD CENTROID DISTANCE FROM TOP OF GRID	LEFT OF GRID	MASS FROM DISPOSAL (MG)	ENTRAINED MASS (MG)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	SOLIDS FALL VELOCITY (FPS)
1	1389.	600.0	0.2250E+07	0.2099E+07	274.5	0.0000E+00	9.900	0.000000E+00
2	1347.	600.0	0.2105E+07	0.1954E+07	265.0	0.0000E+00	9.900	0.000000E+00

SUMMARY OF Ammonia DISTRIBUTIONS AFTER 2700.00 SEC

TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) = 0.30194E+06
SMALL CLOUDS AT 2700.00 SECONDS ELAPSED TIME FOR Ammonia

CLOUD #	LOCATION OF CLOUD CENTROID DISTANCE FROM TOP OF GRID	LEFT OF GRID	MASS FROM DISPOSAL (MG)	ENTRAINED MASS (MG)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	SOLIDS FALL VELOCITY (FPS)
1	1451.	600.0	0.2477E+07	0.2326E+07	288.9	0.0000E+00	9.900	0.000000E+00
2	1409.	600.0	0.2322E+07	0.2171E+07	279.2	0.0000E+00	9.900	0.000000E+00

SUMMARY OF Ammonia DISTRIBUTIONS AFTER 2850.00 SEC

TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) = 0.30194E+06
CONCENTRATIONS ABOVE BACKGROUND OF Ammonia (MG/L) IN THE CLOUD 2850.00 SECONDS AFTER DUMP

2.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY 0.1000E-01 (LEGEND... + = .LT. .01 . = .LT. .0001 0 = .LT. .000001)

M	N= 2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
2	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													
3	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	+	+	+
42	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	+	+	+

43	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	+	+	.01
44	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	.01	.01	.02
45	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	.01	.01	.02	.03	.05
46	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.01	.02	.03	.05	.07	.10
47	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.02	.03	.05	.08	.12	.17
48	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.03	.05	.08	.12	.17	.25
49	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.04	.07	.10	.16	.23	.32
50	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.05	.08	.12	.18	.27	.37
51	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.05	.08	.13	.19	.27	.38
52	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.04	.07	.11	.17	.25	.35
53	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.04	.06	.09	.14	.20	.28
54	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.02	.04	.06	.10	.14	.20
55	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.01	.02	.04	.06	.09	.13
56	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.01	.01	.02	.03	.05	.07
57	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	.01	.01	.02	.03
58	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	+	.01	.01
59	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
2	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	0	0	0	0	0	0	0	0
42	+	+	+	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	+	+	+	+	+	+	0	0	0	0	0	0	0	0
43	.01	.01	.02	.02	.03	.04	.04	.04	.05	.05	.05	.04	.04	.04	.03	.02	.02	.01	.01	.01	+	+	0	0	0	0	0	0	0	0
44	.03	.04	.05	.07	.08	.09	.10	.11	.12	.12	.12	.11	.10	.09	.08	.07	.05	.04	.03	.02	.01	.01	0	0	0	0	0	0	0	0
45	.07	.09	.12	.15	.18	.20	.23	.25	.26	.27	.26	.25	.23	.20	.18	.15	.12	.09	.07	.05	.03	.02	0	0	0	0	0	0	0	0
46	.13	.18	.23	.28	.34	.39	.44	.47	.50	.51	.50	.47	.44	.39	.34	.28	.23	.18	.13	.10	.07	.05	0	0	0	0	0	0	0	0
47	.23	.30	.38	.47	.56	.65	.73	.79	.83	.84	.83	.79	.73	.65	.56	.47	.38	.30	.23	.17	.12	.08	0	0	0	0	0	0	0	0
48	.34	.44	.56	.69	.83	.96	1.0	1.1	1.2	1.2	1.2	1.1	1.0	.96	.83	.69	.56	.44	.34	.25	.17	.12	0	0	0	0	0	0	0	0
49	.44	.58	.73	.91	1.0	1.2	1.4	1.5	1.5	1.6	1.5	1.5	1.4	1.2	1.0	.91	.73	.58	.44	.32	.23	.16	0	0	0	0	0	0	0	0
50	.51	.67	.85	1.0	1.2	1.4	1.6	1.7	1.8	1.8	1.8	1.7	1.6	1.4	1.2	1.0	.85	.67	.51	.37	.27	.18	0	0	0	0	0	0	0	0
51	.52	.68	.87	1.0	1.2	1.4	1.6	1.7	1.8	1.8	1.8	1.7	1.6	1.4	1.2	1.0	.87	.68	.52	.38	.27	.19	0	0	0	0	0	0	0	0
52	.47	.62	.79	.97	1.1	1.3	1.4	1.6	1.6	1.7	1.6	1.6	1.4	1.3	1.1	.97	.79	.62	.47	.35	.25	.17	0	0	0	0	0	0	0	0
53	.38	.50	.64	.78	.93	1.0	1.2	1.3	1.3	1.3	1.3	1.3	1.2	1.0	.93	.78	.64	.50	.38	.28	.20	.14	0	0	0	0	0	0	0	0
54	.27	.36	.45	.56	.67	.77	.86	.93	.97	.99	.97	.93	.86	.77	.67	.56	.45	.36	.27	.20	.14	.10	0	0	0	0	0	0	0	0
55	.17	.23	.29	.36	.42	.49	.55	.59	.62	.63	.62	.59	.55	.49	.42	.36	.29	.23	.17	.13	.09	.06	0	0	0	0	0	0	0	0
56	.10	.13	.16	.20	.24	.28	.31	.33	.35	.36	.35	.33	.31	.28	.24	.20	.16	.13	.10	.07	.05	.03	0	0	0	0	0	0	0	0
57	.05	.06	.08	.10	.12	.14	.15	.17	.17	.18	.17	.17	.15	.14	.12	.10	.08	.06	.05	.03	.02	.01	0	0	0	0	0	0	0	0
58	.02	.03	.03	.04	.05	.06	.07	.07	.08	.08	.08	.07	.07	.06	.05	.04	.03	.03	.02	.01	.01	+	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

```
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

 M N= 62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79
  2 000000000000000000000000000000000000000000000000000000000000000000000000
  3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 000000000000000000000000000000000000000000000000000000000000000000000000
CONCENTRATIONS ABOVE BACKGROUND OF Ammonia  (MG/L) IN THE CLOUD   2850.00 SECONDS AFTER DUMP

              5.00 FT BELOW THE WATER SURFACE
 ...MULTIPLY DISPLAYED VALUES BY  0.1000E-01     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
```

2	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													
3	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	+	+	+
42	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	+	+	+
43	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	.01	.01	.02
44	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	.01	.01	.02	.03	.04
45	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.01	.02	.03	.05	.07	.10
46	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.02	.04	.06	.09	.14	.20
47	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.04	.07	.11	.16	.23	.33
48	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.06	.10	.16	.24	.35	.49
49	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.08	.13	.21	.31	.45	.64
50	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.10	.16	.24	.36	.53	.74
51	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.10	.16	.25	.37	.54	.76
52	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.09	.15	.23	.34	.49	.69
53	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.07	.12	.18	.28	.40	.56
54	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.05	.08	.13	.20	.29	.40
55	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.03	.05	.08	.13	.18	.25
56	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.02	.03	.05	.07	.10	.14
57	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.01	.01	.02	.03	.05	.07
58	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	.01	.01	.02	.03
59	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
2	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	+	+	+	+	+	+	.01	.01	.01	.01	.01	.01	.01	+	+	+	+	+	+	+	+	+	0	0	0	0	0	0	0	0
42	.01	.01	.01	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.01	.01	.01	+	+	+	0	0	0	0	0	0	0	0
43	.02	.03	.04	.05	.06	.07	.08	.09	.10	.10	.10	.09	.08	.07	.06	.05	.04	.03	.02	.02	.01	.01	0	0	0	0	0	0	0	0
44	.06	.08	.11	.13	.16	.19	.21	.23	.24	.24	.24	.23	.21	.19	.16	.13	.11	.08	.06	.04	.03	.02	0	0	0	0	0	0	0	0
45	.14	.18	.24	.29	.35	.41	.45	.49	.52	.53	.52	.49	.45	.41	.35	.29	.24	.18	.14	.10	.07	.05	0	0	0	0	0	0	0	0
46	.27	.35	.45	.56	.66	.77	.86	.93	.98	.99	.98	.93	.86	.77	.66	.56	.45	.35	.27	.20	.14	.09	0	0	0	0	0	0	0	0
47	.45	.59	.75	.93	1.1	1.2	1.4	1.5	1.6	1.6	1.6	1.5	1.4	1.2	1.1	.93	.75	.59	.45	.33	.23	.16	0	0	0	0	0	0	0	0
48	.66	.87	1.1	1.3	1.6	1.8	2.1	2.2	2.3	2.4	2.3	2.2	2.1	1.8	1.6	1.3	1.1	.87	.66	.49	.35	.24	0	0	0	0	0	0	0	0
49	.86	1.1	1.4	1.7	2.1	2.4	2.7	2.9	3.1	3.1	3.1	2.9	2.7	2.4	2.1	1.7	1.4	1.1	.86	.64	.45	.31	0	0	0	0	0	0	0	0
50	1.0	1.3	1.6	2.0	2.4	2.8	3.1	3.4	3.5	3.6	3.5	3.4	3.1	2.8	2.4	2.0	1.6	1.3	1.0	.74	.53	.36	0	0	0	0	0	0	0	0
51	1.0	1.3	1.7	2.1	2.5	2.8	3.2	3.4	3.6	3.7	3.6	3.4	3.2	2.8	2.5	2.1	1.7	1.3	1.0	.76	.54	.37	0	0	0	0	0	0	0	0
52	.93	1.2	1.5	1.9	2.2	2.6	2.9	3.1	3.3	3.3	3.3	3.1	2.9	2.6	2.2	1.9	1.5	1.2	.93	.69	.49	.34	0	0	0	0	0	0	0	0
53	.75	.98	1.2	1.5	1.8	2.1	2.3	2.5	2.6	2.7	2.6	2.5	2.3	2.1	1.8	1.5	1.2	.98	.75	.56	.40	.28	0	0	0	0	0	0	0	0
54	.54	.71	.89	1.1	1.3	1.5	1.6	1.8	1.9	1.9	1.9	1.8	1.6	1.5	1.3	1.1	.89	.71	.54	.40	.29	.20	0	0	0	0	0	0	0	0
55	.34	.45	.57	.70	.83	.96	1.0	1.1	1.2	1.2	1.2	1.1	1.0	.96	.83	.70	.57	.45	.34	.25	.18	.13	0	0	0	0	0	0	0	0
56	.19	.25	.32	.40	.47	.54	.61	.66	.69	.70	.69	.66	.61	.54	.47	.40	.32	.25	.19	.14	.10	.07	0	0	0	0	0	0	0	0
57	.10	.13	.16	.20	.24	.27	.31	.33	.35	.35	.35	.33	.31	.27	.24	.20	.16	.13	.10	.07	.05	.03	0	0	0	0	0	0	0	0
58	.04	.05	.07	.09	.10	.12	.14	.15	.15	.16	.15	.15	.14	.12	.10	.09	.07	.05	.04	.03	.02	.01	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
2	00000000000000000000000000000000000000000000000000000000000000000000000																	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	

```
 44    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 45    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 46    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 47    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 48    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 49    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 50    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 51    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 52    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 53    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 54    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 55    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 56    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 57    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 58    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 59    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 60    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 61    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 62    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 63    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 64    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 65    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 66    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 67    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 68    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 69    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 70    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 71    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 72    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 73    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 74    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 75    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 76    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 77    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 78    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   OOOOO
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
CONCENTRATIONS ABOVE BACKGROUND OF Ammonia  (MG/L) IN THE CLOUD   2850.00 SECONDS AFTER DUMP

                9.90 FT BELOW THE WATER SURFACE
 ...MULTIPLY DISPLAYED VALUES BY  0.1000E-02     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
  3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +   +   +   +
 42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +   +   + .01
 43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .01 .02
 44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .02 .03 .04 .06
 45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .01 .03 .04 .07 .10 .14
 46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .03 .05 .08 .13 .19 .27
 47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .06 .09 .14 .22 .32 .45
 48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .09 .14 .22 .33 .47 .66
 49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .11 .18 .28 .43 .62 .86
 50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .13 .21 .33 .49 .71 1.0
 51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .14 .22 .34 .51 .73 1.0
 52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .13 .20 .31 .46 .67 .93
 53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .10 .16 .25 .37 .54 .75
 54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .07 .12 .18 .27 .39 .54
 55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .04 .07 .11 .17 .25 .35
 56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .02 .04 .06 .10 .14 .20
 57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .01 .02 .03 .05 .07 .10
 58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .01 .02 .03 .04
 59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
62 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41    +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01   +   +   +   +   +   +   +   0   0   0   0   0   0   0   0
42  .01 .01 .02 .02 .03 .03 .04 .04 .04 .05 .04 .04 .04 .03 .03 .02 .02 .01 .01 .01   +   +   0   0   0   0   0   0   0   0
43  .03 .04 .06 .07 .09 .10 .12 .13 .13 .13 .13 .13 .12 .10 .09 .07 .06 .04 .03 .02 .01 .01   0   0   0   0   0   0   0   0
44  .09 .11 .15 .18 .22 .26 .29 .31 .33 .33 .33 .31 .29 .26 .22 .18 .15 .11 .09 .06 .04 .03   0   0   0   0   0   0   0   0
45  .19 .25 .32 .40 .48 .55 .62 .67 .70 .71 .70 .67 .62 .55 .48 .40 .32 .25 .19 .14 .10 .07   0   0   0   0   0   0   0   0
46  .36 .48 .61 .75 .90 1.0 1.1 1.2 1.3 1.3 1.3 1.2 1.1 1.0 .90 .75 .61 .48 .36 .27 .19 .13   0   0   0   0   0   0   0   0
47  .61 .80 1.0 1.2 1.5 1.7 1.9 2.1 2.2 2.2 2.2 2.1 1.9 1.7 1.5 1.2 1.0 .80 .61 .45 .32 .22   0   0   0   0   0   0   0   0
48  .90 1.1 1.5 1.8 2.2 2.5 2.8 3.0 3.2 3.2 3.2 3.0 2.8 2.5 2.2 1.8 1.5 1.1 .90 .66 .47 .33   0   0   0   0   0   0   0   0
49  1.1 1.5 1.9 2.4 2.8 3.3 3.7 4.0 4.2 4.2 4.2 4.0 3.7 3.3 2.8 2.4 1.9 1.5 1.1 .86 .62 .43   0   0   0   0   0   0   0   0
50  1.3 1.7 2.2 2.7 3.3 3.8 4.2 4.6 4.8 4.9 4.8 4.6 4.2 3.8 3.3 2.7 2.2 1.7 1.3 1.0 .71 .49   0   0   0   0   0   0   0   0
51  1.3 1.8 2.3 2.8 3.3 3.9 4.3 4.7 4.9 5.0 4.9 4.7 4.3 3.9 3.3 2.8 2.3 1.8 1.3 1.0 .73 .51   0   0   0   0   0   0   0   0
52  1.2 1.6 2.1 2.5 3.0 3.5 3.9 4.2 4.4 4.5 4.4 4.2 3.9 3.5 3.0 2.5 2.1 1.6 1.2 .93 .67 .46   0   0   0   0   0   0   0   0
53  1.0 1.3 1.6 2.0 2.4 2.8 3.1 3.4 3.6 3.6 3.6 3.4 3.1 2.8 2.4 2.0 1.6 1.3 1.0 .75 .54 .37   0   0   0   0   0   0   0   0
54  .73 .96 1.2 1.4 1.7 2.0 2.2 2.4 2.5 2.6 2.5 2.4 2.2 2.0 1.7 1.4 1.2 .96 .73 .54 .39 .27   0   0   0   0   0   0   0   0
55  .47 .61 .77 .95 1.1 1.3 1.4 1.5 1.6 1.6 1.6 1.5 1.4 1.3 1.1 .95 .77 .61 .47 .35 .25 .17   0   0   0   0   0   0   0   0
56  .26 .35 .44 .54 .64 .74 .82 .89 .93 .95 .93 .89 .82 .74 .64 .54 .44 .35 .26 .20 .14 .10   0   0   0   0   0   0   0   0
57  .13 .17 .22 .27 .32 .37 .41 .45 .47 .48 .47 .45 .41 .37 .32 .27 .22 .17 .13 .10 .07 .05   0   0   0   0   0   0   0   0
58  .06 .08 .10 .12 .14 .16 .18 .20 .21 .21 .21 .20 .18 .16 .14 .12 .10 .08 .06 .04 .03 .02   0   0   0   0   0   0   0   0
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79
 2 000000000000000000000000000000000000000000000000000000000000000000000000
```

```
  3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 0000000000000000000000000000000000000000000000000000000000000000000000000000
CONCENTRATIONS ABOVE BACKGROUND OF Ammonia  (MG/L) IN THE CLOUD   2850.00 SECONDS AFTER DUMP

 THESE CONCENTRATIONS ARE THE MAXIMUM OCCURING IN THE WATER COLUMN AT THIS TIME

 ...MULTIPLY DISPLAYED VALUES BY  0.1000E-01     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

20	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	+	+	+
42	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	+	+	+
43	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	.01	.01	.02
44	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	.01	.01	.02	.03	.04
45	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.01	.02	.03	.05	.07	.10
46	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.02	.04	.06	.09	.14	.20
47	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.04	.07	.11	.16	.23	.33
48	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.06	.10	.16	.24	.35	.49
49	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.08	.13	.21	.31	.45	.64
50	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.10	.16	.24	.36	.53	.74
51	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.10	.16	.25	.37	.54	.76
52	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.09	.15	.23	.34	.49	.69
53	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.07	.12	.18	.28	.40	.56
54	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.05	.08	.13	.20	.29	.40
55	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.03	.05	.08	.13	.18	.25
56	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.02	.03	.05	.07	.10	.14
57	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.01	.01	.02	.03	.05	.07
58	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	.01	.01	.02	.03
59	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
2	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

41	+	+	+	+	+	+	.01	.01	.01	.01	.01	.01	.01	+	+	+	+	+	+	+	+	+	0	0	0	0	0	0	0	0
42	.01	.01	.01	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.01	.01	.01	+	+	+	0	0	0	0	0	0	0	0
43	.02	.03	.04	.05	.06	.07	.08	.09	.10	.10	.10	.09	.08	.07	.06	.05	.04	.03	.02	.02	.01	.01	0	0	0	0	0	0	0	0
44	.06	.08	.11	.13	.16	.19	.21	.23	.24	.24	.24	.23	.21	.19	.16	.13	.11	.08	.06	.04	.03	.02	0	0	0	0	0	0	0	0
45	.14	.18	.24	.29	.35	.41	.45	.49	.52	.53	.52	.49	.45	.41	.35	.29	.24	.18	.14	.10	.07	.05	0	0	0	0	0	0	0	0
46	.27	.35	.45	.56	.66	.77	.86	.93	.98	.99	.98	.93	.86	.77	.66	.56	.45	.35	.27	.20	.14	.09	0	0	0	0	0	0	0	0
47	.45	.59	.75	.93	1.1	1.2	1.4	1.5	1.6	1.6	1.6	1.5	1.4	1.2	1.1	.93	.75	.59	.45	.33	.23	.16	0	0	0	0	0	0	0	0
48	.66	.87	1.1	1.3	1.6	1.8	2.1	2.2	2.3	2.4	2.3	2.2	2.1	1.8	1.6	1.3	1.1	.87	.66	.49	.35	.24	0	0	0	0	0	0	0	0
49	.86	1.1	1.4	1.7	2.1	2.4	2.7	2.9	3.1	3.1	3.1	2.9	2.7	2.4	2.1	1.7	1.4	1.1	.86	.64	.45	.31	0	0	0	0	0	0	0	0
50	1.0	1.3	1.6	2.0	2.4	2.8	3.1	3.4	3.5	3.6	3.5	3.4	3.1	2.8	2.4	2.0	1.6	1.3	1.0	.74	.53	.36	0	0	0	0	0	0	0	0
51	1.0	1.3	1.7	2.1	2.5	2.8	3.2	3.4	3.6	3.7	3.6	3.4	3.2	2.8	2.5	2.1	1.7	1.3	1.0	.76	.54	.37	0	0	0	0	0	0	0	0
52	.93	1.2	1.5	1.9	2.2	2.6	2.9	3.1	3.3	3.3	3.3	3.1	2.9	2.6	2.2	1.9	1.5	1.2	.93	.69	.49	.34	0	0	0	0	0	0	0	0
53	.75	.98	1.2	1.5	1.8	2.1	2.3	2.5	2.6	2.7	2.6	2.5	2.3	2.1	1.8	1.5	1.2	.98	.75	.56	.40	.28	0	0	0	0	0	0	0	0
54	.54	.71	.90	1.1	1.3	1.5	1.6	1.8	1.9	1.9	1.9	1.8	1.6	1.5	1.3	1.1	.90	.71	.54	.40	.29	.20	0	0	0	0	0	0	0	0
55	.34	.45	.57	.70	.83	.96	1.0	1.1	1.2	1.2	1.2	1.1	1.0	.96	.83	.70	.57	.45	.34	.25	.18	.13	0	0	0	0	0	0	0	0
56	.19	.25	.32	.40	.47	.54	.61	.66	.69	.70	.69	.66	.61	.54	.47	.40	.32	.25	.19	.14	.10	.07	0	0	0	0	0	0	0	0
57	.10	.13	.16	.20	.24	.27	.31	.33	.35	.35	.35	.33	.31	.27	.24	.20	.16	.13	.10	.07	.05	.03	0	0	0	0	0	0	0	0
58	.04	.05	.07	.09	.10	.12	.14	.15	.15	.16	.15	.15	.14	.12	.10	.09	.07	.05	.04	.03	.02	.01	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO																													

M N=	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
2	OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO																	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	

```
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
SMALL CLOUDS AT    2850.00 SECONDS ELAPSED TIME FOR Ammonia


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
 CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
   #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

   1        1512.         600.0      0.2720E+07  0.2569E+07   303.5      0.0000E+00   9.900      0.000000E+00
   2        1471.         600.0      0.2554E+07  0.2403E+07   293.6      0.0000E+00   9.900      0.000000E+00


 SUMMARY OF Ammonia  DISTRIBUTIONS AFTER    3000.00 SEC

     TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =    0.30194E+06
SMALL CLOUDS AT    3000.00 SECONDS ELAPSED TIME FOR Ammonia


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
 CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
   #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

   1        1574.         600.0      0.2980E+07  0.2829E+07   318.4      0.0000E+00   9.900      0.000000E+00
   2        1533.         600.0      0.2803E+07  0.2652E+07   308.4      0.0000E+00   9.900      0.000000E+00


 SUMMARY OF Ammonia  DISTRIBUTIONS AFTER    3150.00 SEC

     TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =    0.30196E+06
SMALL CLOUDS AT    3150.00 SECONDS ELAPSED TIME FOR Ammonia


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
 CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
   #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

   1        1636.         600.0      0.3256E+07  0.3105E+07   333.5      0.0000E+00   9.900      0.000000E+00
   2        1594.         600.0      0.3068E+07  0.2917E+07   323.3      0.0000E+00   9.900      0.000000E+00


 SUMMARY OF Ammonia  DISTRIBUTIONS AFTER    3300.00 SEC

     TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =    0.30196E+06
SMALL CLOUDS AT    3300.00 SECONDS ELAPSED TIME FOR Ammonia


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
 CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
   #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

   1        1698.         600.0      0.3550E+07  0.3399E+07   348.9      0.0000E+00   9.900      0.000000E+00
   2        1656.         600.0      0.3350E+07  0.3199E+07   338.5      0.0000E+00   9.900      0.000000E+00


 SUMMARY OF Ammonia  DISTRIBUTIONS AFTER    3450.00 SEC

     TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =    0.30196E+06
SMALL CLOUDS AT    3450.00 SECONDS ELAPSED TIME FOR Ammonia


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
 CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
   #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

   1        1760.         600.0      0.3862E+07  0.3711E+07   364.5      0.0000E+00   9.900      0.000000E+00
   2        1718.         600.0      0.3649E+07  0.3498E+07   354.0      0.0000E+00   9.900      0.000000E+00


 SUMMARY OF Ammonia  DISTRIBUTIONS AFTER    3600.00 SEC

     TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =    0.30194E+06
CONCENTRATIONS ABOVE BACKGROUND OF Ammonia  (MG/L) IN THE CLOUD   3600.00 SECONDS AFTER DUMP

               2.00 FT BELOW THE WATER SURFACE
 ...MULTIPLY DISPLAYED VALUES BY  0.1000E-01     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
  3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

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 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +   +   +   +   +   +   +   +
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +   +   +   +   +   +   +   +
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +   +   +   +   + .01 .01 .01
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .01 .01 .02 .02 .03
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .01 .02 .03 .04 .05 .06
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .01 .01 .02 .03 .04 .05 .06 .08 .10
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .01 .02 .03 .04 .06 .08 .10 .13 .16
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .02 .03 .04 .06 .09 .11 .15 .19 .23
58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .03 .04 .06 .08 .11 .15 .20 .25 .31
59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .03 .05 .07 .10 .14 .19 .24 .30 .38
60 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .04 .06 .08 .12 .16 .21 .27 .34 .43
61 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .04 .06 .09 .12 .17 .22 .28 .36 .44
62 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .04 .06 .09 .12 .16 .21 .27 .34 .43
63 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .04 .05 .08 .10 .14 .19 .24 .31 .38
64 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .03 .04 .06 .09 .12 .15 .20 .25 .31
65 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .02 .03 .05 .06 .09 .12 .15 .19 .24
66 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .01 .02 .03 .04 .06 .08 .11 .14 .17
67 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .01 .01 .02 .03 .04 .05 .07 .09 .11
68 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .01 .02 .02 .03 .04 .05 .06
69 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .01 .01 .02 .03 .03
70 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61
 2 0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	+	+	+	+	+	+	+	.01	.01	.01	.01	.01	+	+	+	+	+	+	+	+	+	+	+	+	+	0	0	0	0	0
51	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	+	+	+	+	+	+	0	0	0	0	0
52	.02	.02	.03	.03	.03	.04	.04	.04	.05	.05	.05	.04	.04	.04	.03	.03	.03	.02	.02	.01	.01	.01	+	+	+	0	0	0	0	0
53	.04	.05	.06	.06	.07	.08	.09	.09	.09	.09	.09	.09	.09	.08	.07	.06	.06	.05	.04	.03	.02	.02	.01	.01	.01	0	0	0	0	0
54	.07	.09	.10	.12	.13	.15	.16	.17	.17	.18	.17	.17	.16	.15	.13	.12	.10	.09	.07	.06	.05	.04	.03	.02	.01	0	0	0	0	0
55	.13	.15	.18	.20	.23	.25	.27	.28	.29	.30	.29	.28	.27	.25	.23	.20	.18	.15	.13	.10	.08	.06	.05	.04	.03	0	0	0	0	0
56	.20	.24	.28	.32	.35	.39	.42	.44	.45	.46	.45	.44	.42	.39	.35	.32	.28	.24	.20	.16	.13	.10	.08	.06	.04	0	0	0	0	0
57	.28	.34	.40	.45	.51	.55	.60	.63	.65	.65	.65	.63	.60	.55	.51	.45	.40	.34	.28	.23	.19	.15	.11	.09	.06	0	0	0	0	0
58	.38	.45	.52	.60	.67	.73	.78	.83	.85	.86	.85	.83	.78	.73	.67	.60	.52	.45	.38	.31	.25	.20	.15	.11	.08	0	0	0	0	0
59	.46	.55	.64	.73	.81	.89	.95	1.0	1.0	1.0	1.0	1.0	.95	.89	.81	.73	.64	.55	.46	.38	.30	.24	.19	.14	.10	0	0	0	0	0
60	.52	.61	.71	.82	.91	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.0	1.0	.91	.82	.71	.61	.52	.43	.34	.27	.21	.16	.12	0	0	0	0	0
61	.54	.64	.74	.85	.95	1.0	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.0	.95	.85	.74	.64	.54	.44	.36	.28	.22	.17	.12	0	0	0	0	0
62	.52	.61	.72	.82	.91	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.0	1.0	.91	.82	.72	.61	.52	.43	.34	.27	.21	.16	.12	0	0	0	0	0
63	.46	.55	.64	.73	.81	.89	.95	1.0	1.0	1.0	1.0	1.0	.95	.89	.81	.73	.64	.55	.46	.38	.31	.24	.19	.14	.10	0	0	0	0	0
64	.38	.45	.52	.60	.67	.73	.79	.83	.85	.86	.85	.83	.79	.73	.67	.60	.52	.45	.38	.31	.25	.20	.15	.12	.09	0	0	0	0	0
65	.29	.34	.40	.46	.51	.56	.60	.63	.65	.66	.65	.63	.60	.56	.51	.46	.40	.34	.29	.24	.19	.15	.12	.09	.06	0	0	0	0	0
66	.20	.24	.28	.32	.36	.39	.42	.45	.46	.46	.46	.45	.42	.39	.36	.32	.28	.24	.20	.17	.14	.11	.08	.06	.04	0	0	0	0	0
67	.13	.16	.18	.21	.23	.26	.28	.29	.30	.30	.30	.29	.28	.26	.23	.21	.18	.16	.13	.11	.09	.07	.05	.04	.03	0	0	0	0	0
68	.08	.09	.11	.13	.14	.15	.17	.17	.18	.18	.18	.17	.17	.15	.14	.13	.11	.09	.08	.06	.05	.04	.03	.02	.02	0	0	0	0	0
69	.04	.05	.06	.07	.08	.09	.09	.10	.10	.10	.10	.10	.09	.09	.08	.07	.06	.05	.04	.03	.03	.02	.01	.01	.01	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
2	0000000000000000000000000000000000000000000000000000000000000000000000000																	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		00000

```
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 0000000000000000000000000000000000000000000000000000000000000000000000000
CONCENTRATIONS ABOVE BACKGROUND OF Ammonia  (MG/L) IN THE CLOUD   3600.00 SECONDS AFTER DUMP

              5.00 FT BELOW THE WATER SURFACE
 ...MULTIPLY DISPLAYED VALUES BY  0.1000E-01     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +   +   +   +   +   +
 51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +   +   +   + .01 .01 .01
 52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .01 .01 .02 .02 .03
 53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .01 .01 .02 .03 .04 .05 .07
 54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .01 .01 .02 .03 .04 .06 .08 .10 .12
 55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .02 .03 .04 .06 .08 .10 .13 .17 .21
 56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .03 .04 .06 .09 .12 .16 .21 .26 .32
 57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .04 .06 .09 .13 .17 .23 .29 .37 .46
 58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .06 .09 .12 .17 .23 .30 .39 .49 .61
 59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .07 .11 .15 .21 .28 .37 .48 .60 .74
 60 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .08 .12 .17 .23 .32 .42 .54 .68 .84
 61 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .09 .13 .18 .24 .33 .43 .56 .70 .87
 62 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .08 .12 .17 .24 .32 .42 .54 .68 .84
 63 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .07 .11 .15 .21 .28 .37 .48 .61 .75
 64 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .06 .09 .13 .17 .23 .31 .40 .50 .62
```

```
65 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .05 .07 .10 .13 .18 .23 .30 .38 .47
66 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .03 .05 .07 .09 .12 .16 .21 .27 .33
67 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .02 .03 .04 .06 .08 .11 .14 .18 .22
68 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .01 .02 .02 .03 .05 .06 .08 .11 .13
69 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .01 .02 .02 .03 .04 .06 .07
70 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50    + .01 .01 .01 .01 .01 .01 .01 .02 .02 .02 .01 .01 .01 .01 .01 .01 .01   +   +   +   +   +   +   +   0   0   0   0   0
51  .02 .02 .02 .03 .03 .04 .04 .04 .04 .04 .04 .04 .04 .04 .03 .03 .02 .02 .02 .01 .01 .01   +   +   +   0   0   0   0   0
52  .04 .05 .06 .06 .07 .08 .09 .09 .09 .10 .09 .09 .09 .08 .07 .06 .06 .05 .04 .03 .02 .02 .01 .01 .01   0   0   0   0   0
53  .08 .10 .11 .13 .15 .16 .17 .18 .19 .19 .19 .18 .17 .16 .15 .13 .11 .10 .08 .07 .05 .04 .03 .02 .01   0   0   0   0   0
54  .15 .18 .21 .24 .27 .30 .32 .33 .34 .35 .34 .33 .32 .30 .27 .24 .21 .18 .15 .12 .10 .08 .06 .04 .03   0   0   0   0   0
55  .25 .30 .35 .40 .45 .50 .53 .56 .58 .58 .58 .56 .53 .50 .45 .40 .35 .30 .25 .21 .17 .13 .10 .08 .06   0   0   0   0   0
56  .39 .47 .55 .62 .70 .77 .82 .87 .89 .90 .89 .87 .82 .77 .70 .62 .55 .47 .39 .32 .26 .21 .16 .12 .09   0   0   0   0   0
57  .56 .67 .78 .89 1.0 1.0 1.1 1.2 1.2 1.2 1.2 1.2 1.1 1.0 1.0 .89 .78 .67 .56 .46 .37 .29 .23 .17 .13   0   0   0   0   0
58  .74 .88 1.0 1.1 1.3 1.4 1.5 1.6 1.6 1.6 1.6 1.6 1.5 1.4 1.3 1.1 1.0 .88 .74 .61 .49 .39 .30 .23 .17   0   0   0   0   0
59  .90 1.0 1.2 1.4 1.5 1.7 1.8 1.9 2.0 2.0 2.0 1.9 1.8 1.7 1.5 1.4 1.2 1.0 .90 .74 .60 .48 .37 .28 .21   0   0   0   0   0
60  1.0 1.2 1.4 1.6 1.7 1.9 2.1 2.2 2.2 2.3 2.2 2.2 2.1 1.9 1.7 1.6 1.4 1.2 1.0 .84 .68 .54 .42 .32 .23   0   0   0   0   0
61  1.0 1.2 1.4 1.6 1.8 2.0 2.1 2.3 2.3 2.3 2.3 2.3 2.1 2.0 1.8 1.6 1.4 1.2 1.0 .87 .70 .56 .43 .33 .24   0   0   0   0   0
62  1.0 1.2 1.4 1.6 1.7 1.9 2.1 2.2 2.2 2.3 2.2 2.2 2.1 1.9 1.7 1.6 1.4 1.2 1.0 .84 .68 .54 .42 .32 .24   0   0   0   0   0
63  .91 1.0 1.2 1.4 1.5 1.7 1.8 1.9 2.0 2.0 2.0 1.9 1.8 1.7 1.5 1.4 1.2 1.0 .91 .75 .61 .48 .37 .28 .21   0   0   0   0   0
64  .75 .89 1.0 1.1 1.3 1.4 1.5 1.6 1.6 1.6 1.6 1.6 1.5 1.4 1.3 1.1 1.0 .89 .75 .62 .50 .40 .31 .23 .17   0   0   0   0   0
65  .57 .68 .79 .90 1.0 1.1 1.1 1.2 1.2 1.2 1.2 1.2 1.1 1.1 1.0 .90 .79 .68 .57 .47 .38 .30 .23 .18 .13   0   0   0   0   0
66  .40 .48 .56 .64 .71 .78 .83 .88 .90 .91 .90 .88 .83 .78 .71 .64 .56 .48 .40 .33 .27 .21 .16 .12 .09   0   0   0   0   0
67  .26 .31 .36 .42 .46 .51 .55 .57 .59 .60 .59 .57 .55 .51 .46 .42 .36 .31 .26 .22 .18 .14 .11 .08 .06   0   0   0   0   0
68  .16 .19 .22 .25 .28 .31 .33 .35 .36 .36 .36 .35 .33 .31 .28 .25 .22 .19 .16 .13 .11 .08 .06 .05 .03   0   0   0   0   0
69  .09 .10 .12 .14 .16 .17 .18 .19 .20 .20 .20 .19 .18 .17 .16 .14 .12 .10 .09 .07 .06 .04 .03 .02 .02   0   0   0   0   0
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N= 62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79
 2 000000000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0  00000
```

```
  6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
CONCENTRATIONS ABOVE BACKGROUND OF Ammonia  (MG/L) IN THE CLOUD   3600.00 SECONDS AFTER DUMP

               9.90 FT BELOW THE WATER SURFACE
 ...MULTIPLY DISPLAYED VALUES BY  0.1000E-02     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
  3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

24	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	+	+	+	+	+	.01
51	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	+	+	.01	.01	.01	.02
52	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	.01	.01	.01	.02	.03	.03	.04
53	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	.01	.01	.02	.03	.04	.06	.07	.09
54	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.01	.02	.03	.04	.06	.08	.11	.13	.17
55	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.02	.04	.05	.08	.10	.14	.18	.23	.28
56	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.04	.06	.09	.12	.16	.22	.28	.35	.44
57	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.06	.09	.13	.17	.23	.31	.40	.51	.63
58	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.08	.12	.17	.23	.31	.41	.53	.67	.83
59	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.10	.15	.21	.28	.38	.50	.65	.82	1.0
60	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.11	.17	.23	.32	.43	.56	.73	.92	1.1
61	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.12	.17	.24	.33	.45	.59	.76	.96	1.1
62	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.12	.17	.23	.32	.43	.57	.73	.92	1.1
63	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.10	.15	.21	.29	.38	.51	.65	.82	1.0
64	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.08	.12	.17	.24	.32	.42	.54	.68	.84
65	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.06	.09	.13	.18	.24	.32	.41	.52	.64
66	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.04	.06	.09	.13	.17	.22	.29	.37	.45
67	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.03	.04	.06	.08	.11	.15	.19	.24	.30
68	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.01	.02	.03	.05	.07	.09	.11	.14	.18
69	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.01	.01	.02	.03	.04	.05	.06	.08	.10
70	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
2	00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	+	+	+	+	+	0	0	0	0	0
51	.02	.03	.03	.04	.04	.05	.05	.06	.06	.06	.06	.06	.05	.05	.04	.04	.03	.03	.02	.02	.01	.01	.01	+	+	0	0	0	0	0
52	.05	.07	.08	.09	.10	.11	.12	.13	.13	.13	.13	.13	.12	.11	.10	.09	.08	.07	.05	.04	.03	.03	.02	.01	.01	0	0	0	0	0
53	.11	.13	.16	.18	.20	.22	.24	.25	.26	.26	.26	.25	.24	.22	.20	.18	.16	.13	.11	.09	.07	.06	.04	.03	.02	0	0	0	0	0
54	.20	.24	.29	.33	.37	.40	.43	.45	.47	.47	.47	.45	.43	.40	.37	.33	.29	.24	.20	.17	.13	.11	.08	.06	.04	0	0	0	0	0
55	.35	.41	.48	.55	.61	.67	.72	.76	.78	.79	.78	.76	.72	.67	.61	.55	.48	.41	.35	.28	.23	.18	.14	.10	.08	0	0	0	0	0
56	.53	.64	.74	.85	.95	1.0	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.0	.95	.85	.74	.64	.53	.44	.35	.28	.22	.16	.12	0	0	0	0	0
57	.76	.91	1.0	1.2	1.3	1.4	1.5	1.6	1.7	1.7	1.7	1.6	1.5	1.4	1.3	1.2	1.0	.91	.76	.63	.51	.40	.31	.23	.17	0	0	0	0	0
58	1.0	1.1	1.3	1.5	1.7	1.9	2.0	2.1	2.2	2.2	2.2	2.1	2.0	1.9	1.7	1.5	1.3	1.1	1.0	.83	.67	.53	.41	.31	.23	0	0	0	0	0
59	1.2	1.4	1.6	1.9	2.1	2.3	2.5	2.6	2.7	2.7	2.7	2.6	2.5	2.3	2.1	1.9	1.6	1.4	1.2	1.0	.82	.65	.50	.38	.28	0	0	0	0	0
60	1.3	1.6	1.9	2.1	2.4	2.6	2.8	3.0	3.0	3.1	3.0	3.0	2.8	2.6	2.4	2.1	1.9	1.6	1.3	1.1	.92	.73	.56	.43	.32	0	0	0	0	0
61	1.4	1.7	1.9	2.2	2.5	2.7	2.9	3.1	3.2	3.2	3.2	3.1	2.9	2.7	2.5	2.2	1.9	1.7	1.4	1.1	.96	.76	.59	.45	.33	0	0	0	0	0
62	1.3	1.6	1.9	2.1	2.4	2.6	2.8	2.9	3.0	3.1	3.0	2.9	2.8	2.6	2.4	2.1	1.9	1.6	1.3	1.1	.92	.73	.57	.43	.32	0	0	0	0	0
63	1.2	1.4	1.7	1.9	2.1	2.3	2.5	2.6	2.7	2.7	2.7	2.6	2.5	2.3	2.1	1.9	1.7	1.4	1.2	1.0	.82	.65	.51	.38	.29	0	0	0	0	0
64	1.0	1.2	1.4	1.5	1.7	1.9	2.0	2.2	2.2	2.2	2.2	2.2	2.0	1.9	1.7	1.5	1.4	1.2	1.0	.84	.68	.54	.42	.32	.24	0	0	0	0	0
65	.77	.92	1.0	1.2	1.3	1.4	1.6	1.6	1.7	1.7	1.7	1.6	1.6	1.4	1.3	1.2	1.0	.92	.77	.64	.52	.41	.32	.24	.18	0	0	0	0	0
66	.55	.65	.76	.86	.96	1.0	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.0	.96	.86	.76	.65	.55	.45	.37	.29	.22	.17	.13	0	0	0	0	0
67	.36	.43	.50	.56	.63	.69	.74	.78	.80	.81	.80	.78	.74	.69	.63	.56	.50	.43	.36	.30	.24	.19	.15	.11	.08	0	0	0	0	0
68	.22	.26	.30	.34	.38	.42	.45	.47	.49	.49	.49	.47	.45	.42	.38	.34	.30	.26	.22	.18	.14	.11	.09	.07	.05	0	0	0	0	0
69	.12	.14	.17	.19	.21	.23	.25	.26	.27	.28	.27	.26	.25	.23	.21	.19	.17	.14	.12	.10	.08	.06	.05	.04	.03	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
2	00000000000000000000000000000000000000000000000000000000																	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000	

```
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 0000000000000000000000000000000000000000000000000000000000000000000000000
CONCENTRATIONS ABOVE BACKGROUND OF Ammonia  (MG/L) IN THE CLOUD   3600.00 SECONDS AFTER DUMP

 THESE CONCENTRATIONS ARE THE MAXIMUM OCCURING IN THE WATER COLUMN AT THIS TIME

 ...MULTIPLY DISPLAYED VALUES BY  0.1000E-01     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +   +   +   +   +   +   +
 51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +   +   +   +   + .01 .01 .01
 52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .01 .01 .02 .02 .03
 53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +  + .01 .01 .01 .02 .03 .04 .05 .07
 54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .01 .01 .02 .03 .04 .06 .08 .10 .12
 55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .02 .03 .04 .06 .08 .10 .13 .17 .21
 56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .03 .04 .06 .09 .12 .16 .21 .26 .32
 57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .04 .06 .09 .13 .17 .23 .30 .37 .46
 58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .06 .09 .12 .17 .23 .30 .39 .49 .61
 59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .07 .11 .15 .21 .28 .37 .48 .60 .74
 60 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .08 .12 .17 .23 .32 .42 .54 .68 .84
 61 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .09 .13 .18 .24 .33 .43 .56 .71 .87
 62 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .08 .12 .17 .24 .32 .42 .54 .68 .84
 63 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .07 .11 .15 .21 .28 .37 .48 .61 .75
 64 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .06 .09 .13 .17 .23 .31 .40 .50 .62
 65 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .05 .07 .10 .13 .18 .23 .30 .38 .47
 66 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .03 .05 .07 .09 .12 .16 .21 .27 .33
 67 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .02 .03 .04 .06 .08 .11 .14 .18 .22
 68 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 .01 .02 .02 .03 .05 .06 .08 .11 .13
 69 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .01 .02 .02 .03 .04 .06 .07
 70 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 71 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 72 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 73 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 74 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 75 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 76 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 77 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 78 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 79 0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

 M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61
  2 0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
```

3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	+	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	+	+	+	+	+	+	+	0	0	0	0	0	0
51	.02	.02	.02	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.02	.02	.02	.01	.01	.01	+	+	+	0	0	0	0	0	0
52	.04	.05	.06	.06	.07	.08	.09	.09	.09	.10	.09	.09	.09	.08	.07	.06	.06	.05	.04	.03	.02	.02	.01	.01	.01	0	0	0	0	0	0
53	.08	.10	.11	.13	.15	.16	.17	.18	.19	.19	.19	.18	.17	.16	.15	.13	.11	.10	.08	.07	.05	.04	.03	.02	.01	0	0	0	0	0	0
54	.15	.18	.21	.24	.27	.30	.32	.33	.34	.35	.34	.33	.32	.30	.27	.24	.21	.18	.15	.12	.10	.08	.06	.04	.03	0	0	0	0	0	0
55	.25	.30	.35	.40	.45	.50	.53	.56	.58	.58	.58	.56	.53	.50	.45	.40	.35	.30	.25	.21	.17	.13	.10	.08	.06	0	0	0	0	0	0
56	.39	.47	.55	.62	.70	.77	.82	.87	.89	.90	.89	.87	.82	.77	.70	.62	.55	.47	.39	.32	.26	.21	.16	.12	.09	0	0	0	0	0	0
57	.56	.67	.78	.89	1.0	1.0	1.1	1.2	1.2	1.2	1.2	1.2	1.1	1.0	1.0	.89	.78	.67	.56	.46	.37	.30	.23	.17	.13	0	0	0	0	0	0
58	.74	.88	1.0	1.1	1.3	1.4	1.5	1.6	1.6	1.6	1.6	1.6	1.5	1.4	1.3	1.1	1.0	.88	.74	.61	.49	.39	.30	.23	.17	0	0	0	0	0	0
59	.90	1.0	1.2	1.4	1.5	1.7	1.8	1.9	2.0	2.0	2.0	1.9	1.8	1.7	1.5	1.4	1.2	1.0	.90	.74	.60	.48	.37	.28	.21	0	0	0	0	0	0
60	1.0	1.2	1.4	1.6	1.7	1.9	2.1	2.2	2.2	2.3	2.2	2.2	2.1	1.9	1.7	1.6	1.4	1.2	1.0	.84	.68	.54	.42	.32	.23	0	0	0	0	0	0
61	1.0	1.2	1.4	1.6	1.8	2.0	2.1	2.3	2.3	2.4	2.3	2.3	2.1	2.0	1.8	1.6	1.4	1.2	1.0	.87	.71	.56	.43	.33	.24	0	0	0	0	0	0
62	1.0	1.2	1.4	1.6	1.7	1.9	2.1	2.2	2.2	2.3	2.2	2.2	2.1	1.9	1.7	1.6	1.4	1.2	1.0	.84	.68	.54	.42	.32	.24	0	0	0	0	0	0
63	.91	1.0	1.2	1.4	1.5	1.7	1.8	1.9	2.0	2.0	2.0	1.9	1.8	1.7	1.5	1.4	1.2	1.0	.91	.75	.61	.48	.37	.28	.21	0	0	0	0	0	0
64	.75	.89	1.0	1.1	1.3	1.4	1.5	1.6	1.6	1.6	1.6	1.6	1.5	1.4	1.3	1.1	1.0	.89	.75	.62	.50	.40	.31	.23	.17	0	0	0	0	0	0
65	.57	.68	.79	.90	1.0	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.0	.90	.79	.68	.57	.47	.38	.30	.23	.18	.13	0	0	0	0	0	0
66	.40	.48	.56	.64	.71	.78	.83	.88	.90	.91	.90	.88	.83	.78	.71	.64	.56	.48	.40	.33	.27	.21	.16	.12	.09	0	0	0	0	0	0
67	.26	.31	.36	.42	.46	.51	.55	.57	.59	.60	.59	.57	.55	.51	.46	.42	.36	.31	.26	.22	.18	.14	.11	.08	.06	0	0	0	0	0	0
68	.16	.19	.22	.25	.28	.31	.33	.35	.36	.36	.36	.35	.33	.31	.28	.25	.22	.19	.16	.13	.11	.08	.06	.05	.03	0	0	0	0	0	0
69	.09	.10	.12	.14	.16	.17	.18	.19	.20	.20	.20	.19	.18	.17	.16	.14	.12	.10	.09	.07	.06	.04	.03	.02	.02	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

M N=	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000

```
 24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
CONCENTRATIONS ABOVE BACKGROUND OF Ammonia  (MG/L) IN THE CLOUD   3600.00 SECONDS AFTER DUMP

 THESE CONCENTRATIONS ARE THE MAXIMUM THAT EVER OCCURRED IN THE WATER COLUMN DURING THE SIMULATION

 ...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
  3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +
 28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +
 29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +
 30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +
 31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +
 32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +
 33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +
 34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +
 35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +
 36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +
 37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +
 38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +
 39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +
 40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +
```

41	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	+	+	+	+
42	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	+	+	+	+	+
43	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	+	+	+	+	+
44	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	+	+	+	+	+
45	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	+	+	+	+	+	+
46	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	+	+	+	+	+	+
47	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	+	+	+	+	+	+
48	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	+	+	+	+	+	+
49	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	+	+	+	+	+	+	+
50	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.	+	+	+	+	+	+	+
51	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	+	+	+	+	+	+	+	+
52	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	+	+	+	+	+	+	+	+
53	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	+	+	+	+	+	+	+	+
54	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	+	+	+	+	+	+
55	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	+	+	+	+	+	+
56	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	+	+	+	+	+	+
57	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	+	+	+	+	+	+
58	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	+	+	+	+	+	+
59	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	+	+	+	+	+	+
60	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	+	+	+	+	+	+
61	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	+	+	+	+	+	+
62	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	+	+	+	+	+	+
63	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	+	+	+	+	+	+
64	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	+	+	+	+	+	+
65	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	+	+	+	+	+	+
66	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	+	+	+	+	+	+
67	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	+	+	+	+	+	+
68	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	+	+	+	+	+	+
69	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	+	+	+	+	+	+	+	+
70	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
2	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	.	.	.	+	+	+	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	.	+	+	+	+	.01	.01	.01	+	+	+	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	.	+	+	+	.02	.05	.10	.12	.10	.05	.02	+	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	.	+	+	.01	.05	.13	.24	.29	.24	.13	.05	.01	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	.	+	+	.01	.05	.14	.24	.28	.24	.14	.05	.01	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	.	+	+	+	.02	.06	.13	.21	.24	.21	.13	.06	.02	+	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	.	+	+	+	.02	.06	.14	.22	.25	.22	.14	.06	.02	+	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	.	+	+	+	.02	.06	.12	.18	.20	.18	.12	.06	.02	+	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	.	+	+	+	.01	.03	.07	.13	.19	.22	.19	.13	.07	.03	.01	+	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	.	+	+	+	.01	.03	.06	.11	.15	.17	.15	.11	.06	.03	.01	+	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	.	+	+	+	.01	.04	.08	.13	.17	.19	.17	.13	.08	.04	.01	+	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	+	+	+	+	.01	.03	.06	.10	.13	.14	.13	.10	.06	.03	.01	+	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	+	+	+	+	.02	.04	.08	.12	.15	.17	.15	.12	.08	.04	.02	+	.	0	0	0	0	0	0	0	0	0	0	0	0	0
25	+	+	+	+	.02	.04	.06	.09	.11	.12	.11	.09	.06	.04	.02	+	.	0	0	0	0	0	0	0	0	0	0	0	0	0
26	+	+	+	.01	.02	.04	.07	.11	.13	.14	.13	.11	.07	.04	.02	.01	+	0	0	0	0	0	0	0	0	0	0	0	0	0
27	+	+	+	.01	.02	.04	.06	.08	.10	.11	.10	.08	.06	.04	.02	.01	+	.	0	0	0	0	0	0	0	0	0	0	0	0
28	+	+	+	.01	.02	.04	.07	.10	.12	.13	.12	.10	.07	.04	.02	.01	+	.	0	0	0	0	0	0	0	0	0	0	0	0
29	+	+	+	.01	.02	.04	.06	.08	.10	.10	.10	.08	.06	.04	.02	.01	+	+	0	0	0	0	0	0	0	0	0	0	0	0
30	+	+	+	.01	.03	.04	.07	.09	.10	.11	.10	.09	.07	.04	.03	.01	+	+	.	0	0	0	0	0	0	0	0	0	0	0
31	+	+	+	.01	.02	.04	.06	.07	.09	.09	.09	.07	.06	.04	.02	.01	+	+	.	0	0	0	0	0	0	0	0	0	0	0
32	+	+	.01	.01	.03	.04	.06	.08	.09	.10	.09	.08	.06	.04	.03	.01	.01	+	.	0	0	0	0	0	0	0	0	0	0	0
33	+	+	.01	.01	.02	.04	.05	.07	.08	.08	.08	.07	.05	.04	.02	.01	.01	+	+	0	0	0	0	0	0	0	0	0	0	0
34	+	+	.01	.02	.03	.04	.06	.07	.08	.08	.08	.07	.06	.04	.03	.02	.01	+	+	.	0	0	0	0	0	0	0	0	0	0
35	+	+	.01	.01	.03	.04	.05	.06	.07	.08	.07	.06	.05	.04	.03	.01	.01	+	+	.	0	0	0	0	0	0	0	0	0	0
36	+	+	.01	.02	.03	.04	.05	.06	.07	.07	.07	.06	.05	.04	.03	.02	.01	+	+	+	0	0	0	0	0	0	0	0	0	0
37	+	+	.01	.02	.03	.04	.05	.06	.07	.07	.07	.06	.05	.04	.03	.02	.01	+	+	+	.	0	0	0	0	0	0	0	0	0
38	+	+	.01	.02	.03	.04	.05	.06	.06	.06	.06	.06	.05	.04	.03	.02	.01	+	+	+	.	0	0	0	0	0	0	0	0	0
39	+	+	.01	.02	.03	.04	.05	.05	.06	.06	.06	.05	.05	.04	.03	.02	.01	+	+	+	.	0	0	0	0	0	0	0	0	0
40	+	.01	.01	.02	.03	.04	.04	.05	.06	.06	.06	.05	.04	.04	.03	.02	.01	.01	+	+	+	0	0	0	0	0	0	0	0	0
41	+	.01	.01	.02	.03	.03	.04	.05	.05	.06	.05	.05	.04	.03	.03	.02	.01	.01	+	+	+	.	0	0	0	0	0	0	0	0
42	+	.01	.01	.02	.03	.03	.04	.05	.05	.05	.05	.05	.04	.03	.03	.02	.01	.01	+	+	+	.	0	0	0	0	0	0	0	0
43	+	.01	.01	.02	.02	.03	.04	.04	.05	.05	.05	.04	.04	.03	.02	.02	.01	.01	+	+	+	+	0	0	0	0	0	0	0	0
44	+	.01	.01	.02	.02	.03	.04	.04	.04	.04	.04	.04	.04	.03	.02	.02	.01	.01	+	+	+	+	0	0	0	0	0	0	0	0
45	+	.01	.01	.02	.02	.03	.04	.04	.04	.04	.04	.04	.04	.03	.02	.02	.01	.01	+	+	+	+	.	0	0	0	0	0	0	0
46	+	.01	.01	.02	.02	.03	.03	.04	.04	.04	.04	.04	.03	.03	.02	.02	.01	.01	+	+	+	+	.	.	0	0	0	0	0	0
47	+	.01	.01	.02	.02	.03	.03	.04	.04	.04	.04	.04	.03	.03	.02	.02	.01	.01	+	+	+	+	+	.	0	0	0	0	0	0
48	+	.01	.01	.02	.02	.03	.03	.03	.03	.04	.03	.03	.03	.03	.02	.02	.01	.01	+	+	+	+	+	.	0	0	0	0	0	0
49	+	.01	.01	.02	.02	.03	.03	.03	.04	.04	.04	.03	.03	.03	.02	.02	.01	.01	+	+	+	+	+	+	0	0	0	0	0	0
50	.01	.01	.01	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.01	.01	.01	+	+	+	+	+	.	0	0	0	0	0
51	.01	.01	.01	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.01	.01	.01	+	+	+	+	+	.	0	0	0	0	0
52	.01	.01	.01	.01	.02	.02	.02	.03	.03	.03	.03	.03	.02	.02	.02	.01	.01	.01	.01	+	+	+	+	+	+	0	0	0	0	0
53	.01	.01	.01	.02	.02	.02	.02	.03	.03	.03	.03	.03	.02	.02	.02	.02	.01	.01	.01	+	+	+	+	+	+	0	0	0	0	0
54	.01	.01	.01	.01	.02	.02	.02	.02	.03	.03	.03	.02	.02	.02	.02	.01	.01	.01	.01	+	+	+	+	+	+	0	0	0	0	0
55	.01	.01	.01	.01	.02	.02	.02	.02	.03	.03	.03	.02	.02	.02	.02	.01	.01	.01	.01	+	+	+	+	+	+	0	0	0	0	0
56	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	+	+	+	+	+	+	0	0	0	0	0
57	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	+	+	+	+	+	+	0	0	0	0	0
58	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	+	+	+	+	+	+	0	0	0	0	0
59	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	+	+	+	+	+	+	0	0	0	0	0
60	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	+	+	+	+	+	+	0	0	0	0	0
61	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	+	+	+	+	+	+	0	0	0	0	0

```
 62  .01 .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .01 .01 .01 .01 .01 .01   +   +   +   +   +   +   0   0   0   0   0
 63    + .01 .01 .01 .01 .01 .01 .01 .02 .02 .02 .01 .01 .01 .01 .01 .01 .01   +   +   +   +   +   +   +   0   0   0   0   0
 64    +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01   +   +   +   +   +   +   +   +   0   0   0   0   0
 65    +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01   +   +   +   +   +   +   +   +   +   +   0   0   0   0   0
 66    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   0   0   0   0   0
 67    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   0   0   0   0   0
 68    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   0   0   0   0   0
 69    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   0   0   0   0   0
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

 M N= 62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79
  2 000000000000000000000000000000000000000000000000000000000000000000000000
  3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 000000000000000000000000000000000000000000000000000000000000000000000000
SMALL CLOUDS AT    3600.00 SECONDS ELAPSED TIME FOR Ammonia
```

CLOUD #	LOCATION OF CLOUD CENTROID: DISTANCE FROM TOP OF GRID	DISTANCE FROM LEFT OF GRID	MASS FROM DISPOSAL (MG)	ENTRAINED MASS (MG)	CLOUD X-Z DIAMETER (FT)	DEPTH OF TOP OF CLOUD (FT)	CLOUD VERT. THICKNESS (FT)	SOLIDS FALL VELOCITY (FPS)
1	1822.	600.0	0.4192E+07	0.4041E+07	380.3	0.0000E+00	9.900	0.000000E+00
2	1780.	600.0	0.3967E+07	0.3816E+07	369.6	0.0000E+00	9.900	0.000000E+00

FINAL DISTRIBUTIONS OF TOTAL SETTLED MATERIAL FOLLOW.....

TOTAL ACCUMULATED SOLID VOLUME ON BOTTOM (CU FT/GRID SQR), 3600.00 SECONDS AFTER DUMP

...MULTIPLY DISPLAYED VALUES BY 1.000 (LEGEND.. + = .LT. .01 . = .LT. .0001 0 = .LT. .000001)

```
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   +
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   +
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   +   +
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   +   +
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   +   +
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   +   +
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   +   +
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   +   +
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   +   +   +
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   +   +   +
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +   +
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   +   +
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO

M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11    0   0   0   0   .   .   +   +   +   +   +   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12    0   0   .   +   +   + .02 .06 .10 .13 .10 .06 .02   +   +   +   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

13	.	.	+	+	.04	.27	1.0	2.8	5.0	6.1	5.0	2.8	1.0	.27	.04	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0
14	.	+	+	.06	.55	3.0	12	31	55	66	55	31	12	3.0	.55	.06	+	+	.	0	0	0	0	0	0	0	0	0	0	0
15	.	+	.01	.20	1.6	8.7	33	84	165	256	165	84	33	8.7	1.6	.20	.01	+	.	.	0	0	0	0	0	0	0	0	0	0
16	.	+	.01	.19	1.4	7.4	27	69	142	220	142	69	27	7.4	1.4	.19	.01	+	.	.	0	0	0	0	0	0	0	0	0	0
17	.	+	+	.07	.48	2.2	7.8	19	33	41	33	19	7.8	2.2	.48	.07	+	+	.	.	0	0	0	0	0	0	0	0	0	0
18	.	+	+	.02	.10	.41	1.2	2.7	5.0	6.4	5.0	2.7	1.2	.41	.10	.02	+	+	.	.	0	0	0	0	0	0	0	0	0	0
19	.	+	+	+	.02	.08	.22	.50	1.1	1.7	1.1	.50	.22	.08	.02	+	+	+	.	.	0	0	0	0	0	0	0	0	0	0
20	.	.	+	+	+	.01	.03	.09	.23	.34	.23	.09	.03	.01	+	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0
21	.	.	+	+	+	+	+	.04	.14	.24	.14	.04	+	+	+	+	+	.	.	0	0	0	0	0	0	0	0	0	0	0
22	.	.	+	+	+	+	+	.02	.05	.08	.05	.02	+	+	+	+	+	.	.	.	0	0	0	0	0	0	0	0	0	0
23	.	.	+	+	+	+	+	.02	.06	.09	.06	.02	+	+	+	+	+	.	.	.	0	0	0	0	0	0	0	0	0	0
24	.	.	+	+	+	+	+	.01	.03	.05	.03	.01	+	+	+	+	+	.	.	.	0	0	0	0	0	0	0	0	0	0
25	.	.	+	+	+	+	+	.01	.03	.05	.03	.01	+	+	+	+	+	.	.	.	.	0	0	0	0	0	0	0	0	0
26	.	.	+	+	+	+	+	.01	.02	.03	.02	.01	+	+	+	+	+	.	.	.	.	0	0	0	0	0	0	0	0	0
27	.	.	+	+	+	+	+	.01	.02	.03	.02	.01	+	+	+	+	+	.	.	.	.	0	0	0	0	0	0	0	0	0
28	.	+	+	+	+	+	+	.01	.01	.02	.01	.01	+	+	+	+	+	+	.	.	.	.	0	0	0	0	0	0	0	0
29	.	+	+	+	+	+	+	.01	.01	.02	.01	.01	+	+	+	+	+	+	.	.	.	.	0	0	0	0	0	0	0	0
30	.	+	+	+	+	+	+	+	.01	.01	.01	+	+	+	+	+	+	+	.	.	.	.	0	0	0	0	0	0	0	0
31	.	+	+	+	+	+	+	+	.01	.01	.01	+	+	+	+	+	+	+	.	.	.	.	.	0	0	0	0	0	0	0
32	.	+	+	+	+	+	+	+	.01	.01	.01	+	+	+	+	+	+	+	.	.	.	.	.	0	0	0	0	0	0	0
33	.	+	+	+	+	+	+	+	+	.01	+	+	+	+	+	+	+	+	.	.	.	.	.	.	0	0	0	0	0	0
34	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	0	0	0	0	0	0
35	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	0	0	0	0	0	0
36	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	0	0	0	0	0
37	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	0	0	0	0	0
38	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	0	0	0	0	0
39	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	0	0	0	0
40	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	0	0	0	0
41	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	0	0	0
42	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	0	0	0
43	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	0	0	0
44	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	0	0
45	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	0	0
46	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	0
47	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	0
48	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	0
49	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.
50	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.
51	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.
52	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.
53	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.
54	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.
55	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.
56	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.
57	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.
58	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.
59	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.
60	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.
61	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.
62	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.	.
63	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.	.	.
64	.	.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.
65	.	.	.	.	+	+	+	+	+	+	+	+	+	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
66	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
67	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0	0
68	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0	0	0	0
69	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0	0	0	0	0	0
70	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0	0	0	0	0	0	0	0	0
71	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000																													

M N=	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78 79
2	000000000000000000000000000000000000000000000000000000000000000000000000																
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000

```
 34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 0000000000000000000000000000000000000000000000000000000000000000000000000000000
TOTAL THICKNESS (FT) OF NEW MATERIAL ON BOTTOM,   3600.00 SECONDS AFTER DUMP
 ...MULTIPLY DISPLAYED VALUES BY    1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
 M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
 53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
```

```
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .
59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
73 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
74 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
75 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
76 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
77 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
78 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
79 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

M N=  32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61
  2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 11    0   0   0   0   0   0   0   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 12    0   0   0   0   .   .   +   +   +   +   +   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 13    0   0   .   .   +   +   + .01 .02 .02 .02 .01   +   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0
 14    0   .   .   +   + .01 .05 .14 .26 .32 .26 .14 .05 .01   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0
 15    0   .   .   +   + .04 .15 .41 .80 1.2 .80 .41 .15 .04   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0
 16    0   .   .   +   + .03 .13 .33 .68 1.0 .68 .33 .13 .03   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0
 17    0   .   .   +   + .01 .03 .09 .16 .20 .16 .09 .03 .01   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0
 18    0   .   .   .   +   +   + .01 .02 .03 .02 .01   +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0
 19    0   0   .   .   +   +   +   +   +   +   +   +   +   +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0
 20    0   0   .   .   .   .   +   +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0
 21    0   0   0   .   .   .   .   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22    0   0   0   .   .   .   .   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23    0   0   0   .   .   .   .   +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 24    0   0   0   .   .   .   .   .   +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 25    0   0   0   .   .   .   .   .   +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 26    0   0   .   .   .   .   .   .   +   +   +   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0
 27    0   0   .   .   .   .   .   .   +   +   +   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0
 28    0   0   .   .   .   .   .   .   .   +   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0
 29    0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0
 30    0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0
 31    0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0
 32    0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0
 33    0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0
 34    0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0
 35    0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0
 36    0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0
 37    0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0
 38    0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0
 39    0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0
 40    0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0
 41    0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0
 42    0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0
 43    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0
 44    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0
 45    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0
 46    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0
 47    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0
 48    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0
 49    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0
 50    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0
 51    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0
 52    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0
 53    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0
 54    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0
 55    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0
 56    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0
 57    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0
 58    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0
 59    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0
 60    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0
 61    0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0
 62    0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0
 63    0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 64    0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO

 M N= 62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79
  2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
  3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
  9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 72    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 73    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 74    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 75    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 76    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 77    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 78    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 79 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
INITIAL MIXING COMPUTATIONS RESULTS FOR SAND    :
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TIME (HR)	DEPTH (FT)	MAX CONC ABOVE BACKGROUND ON ENTIRE GRID (MG/L)	X-LOC (FT)	Z-LOC (FT)	MAX CONC ABOVE BACKGROUND OUTSIDE MIXING ZONE (MG/L)
0.29	2.0	0.320E-01	720.	600.	0.000E+00
0.54	2.0	0.000E+00	0.	0.	0.000E+00
0.79	2.0	0.000E+00	0.	0.	0.000E+00
1.00	2.0	0.000E+00	0.	0.	0.000E+00
0.29	5.0	0.626E-01	720.	600.	0.000E+00

0.54	5.0	0.000E+00	0.	0.	0.000E+00
0.79	5.0	0.000E+00	0.	0.	0.000E+00
1.00	5.0	0.000E+00	0.	0.	0.000E+00
0.29	9.9	0.847E-02	720.	600.	0.000E+00
0.54	9.9	0.000E+00	0.	0.	0.000E+00
0.79	9.9	0.000E+00	0.	0.	0.000E+00
1.00	9.9	0.000E+00	0.	0.	0.000E+00

INITIAL MIXING COMPUTATIONS RESULTS FOR Silt :

TIME (HR)	DEPTH (FT)	MAX CONC ABOVE BACKGROUND ON ENTIRE GRID (MG/L)	X-LOC (FT)	Z-LOC (FT)	MAX CONC ABOVE BACKGROUND OUTSIDE MIXING ZONE (MG/L)
0.29	2.0	0.124E+04	720.	600.	0.000E+00
0.54	2.0	0.543E+03	1110.	600.	0.543E+03
0.79	2.0	0.254E+03	1470.	600.	0.254E+03
1.00	2.0	0.154E+03	1800.	600.	0.154E+03
0.29	5.0	0.243E+04	720.	600.	0.000E+00
0.54	5.0	0.106E+04	1110.	600.	0.106E+04
0.79	5.0	0.498E+03	1470.	600.	0.498E+03
1.00	5.0	0.301E+03	1800.	600.	0.301E+03
0.29	9.9	0.328E+03	720.	600.	0.000E+00
0.54	9.9	0.144E+03	1110.	600.	0.144E+03
0.79	9.9	0.673E+02	1470.	600.	0.673E+02
1.00	9.9	0.407E+02	1800.	600.	0.407E+02

INITIAL MIXING COMPUTATIONS RESULTS FOR Clay :

TIME (HR)	DEPTH (FT)	MAX CONC ABOVE BACKGROUND ON ENTIRE GRID (MG/L)	X-LOC (FT)	Z-LOC (FT)	MAX CONC ABOVE BACKGROUND OUTSIDE MIXING ZONE (MG/L)
0.29	2.0	0.633E+03	750.	600.	0.000E+00
0.54	2.0	0.289E+03	1110.	600.	0.289E+03
0.79	2.0	0.146E+03	1500.	600.	0.146E+03
1.00	2.0	0.918E+02	1800.	600.	0.918E+02
0.29	5.0	0.124E+04	750.	600.	0.000E+00
0.54	5.0	0.566E+03	1110.	600.	0.566E+03
0.79	5.0	0.286E+03	1500.	600.	0.286E+03
1.00	5.0	0.180E+03	1800.	600.	0.180E+03
0.29	9.9	0.168E+03	750.	600.	0.000E+00
0.54	9.9	0.766E+02	1110.	600.	0.766E+02
0.79	9.9	0.386E+02	1500.	600.	0.386E+02
1.00	9.9	0.243E+02	1800.	600.	0.243E+02

INITIAL MIXING COMPUTATIONS RESULTS FOR Ammonia :

TIME (HR)	DEPTH (FT)	MAX CONC ABOVE BACKGROUND ON ENTIRE GRID (MG/L)	MAX CONC ON GRID (MG/L)	X-LOC (FT)	Z-LOC (FT)	MAX CONC ABOVE BACKGROUND OUTSIDE MIXING ZONE (MG/L)	MAX CONC OUTSIDE MIXING ZONE (MG/L)
0.04	2.0	0.000E+00	0.100E+00	0.	0.	0.000E+00	0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.04 HOURS.							
0.08	2.0	0.152E+00	0.252E+00	420.	600.	0.000E+00	0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.08 HOURS.							
0.12	2.0	0.130E+00	0.230E+00	510.	600.	0.000E+00	0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.12 HOURS.							
0.17	2.0	0.114E+00	0.214E+00	570.	600.	0.000E+00	0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.17 HOURS.							
0.21	2.0	0.100E+00	0.200E+00	630.	600.	0.000E+00	0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.21 HOURS.							
0.25	2.0	0.876E-01	0.188E+00	690.	600.	0.000E+00	0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.25 HOURS.							
0.29	2.0	0.765E-01	0.176E+00	750.	600.	0.000E+00	0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.29 HOURS.							
0.33	2.0	0.669E-01	0.167E+00	810.	600.	0.000E+00	0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.33 HOURS.							
0.38	2.0	0.586E-01	0.159E+00	870.	600.	0.000E+00	0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.38 HOURS.							
0.42	2.0	0.514E-01	0.151E+00	930.	600.	0.540E-02	0.105E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.42 HOURS.							
0.46	2.0	0.453E-01	0.145E+00	990.	600.	0.288E-01	0.129E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.46 HOURS.							
0.50	2.0	0.401E-01	0.140E+00	1050.	600.	0.401E-01	0.140E+00

THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.50 HOURS.
0.54 2.0 0.355E-01 0.136E+00 1110. 600. 0.355E-01 0.136E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.54 HOURS.
0.58 2.0 0.316E-01 0.132E+00 1170. 600. 0.316E-01 0.132E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.58 HOURS.
0.62 2.0 0.283E-01 0.128E+00 1230. 600. 0.283E-01 0.128E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.62 HOURS.
0.67 2.0 0.253E-01 0.125E+00 1290. 600. 0.253E-01 0.125E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.67 HOURS.
0.71 2.0 0.229E-01 0.123E+00 1380. 600. 0.229E-01 0.123E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.71 HOURS.
0.75 2.0 0.208E-01 0.121E+00 1440. 600. 0.208E-01 0.121E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.75 HOURS.
0.79 2.0 0.190E-01 0.119E+00 1500. 600. 0.190E-01 0.119E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.79 HOURS.
0.83 2.0 0.173E-01 0.117E+00 1560. 600. 0.173E-01 0.117E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.83 HOURS.
0.88 2.0 0.159E-01 0.116E+00 1620. 600. 0.159E-01 0.116E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.88 HOURS.
0.92 2.0 0.145E-01 0.115E+00 1680. 600. 0.145E-01 0.115E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.92 HOURS.
0.96 2.0 0.133E-01 0.113E+00 1740. 600. 0.133E-01 0.113E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.96 HOURS.
1.00 2.0 0.123E-01 0.112E+00 1800. 600. 0.123E-01 0.112E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 1.00 HOURS.

0.04 5.0 0.000E+00 0.100E+00 0. 0. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.04 HOURS.
0.08 5.0 0.297E+00 0.397E+00 420. 600. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.08 HOURS.
0.12 5.0 0.254E+00 0.354E+00 510. 600. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.12 HOURS.
0.17 5.0 0.224E+00 0.324E+00 570. 600. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.17 HOURS.
0.21 5.0 0.196E+00 0.296E+00 630. 600. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.21 HOURS.
0.25 5.0 0.171E+00 0.271E+00 690. 600. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.25 HOURS.
0.29 5.0 0.150E+00 0.250E+00 750. 600. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.29 HOURS.
0.33 5.0 0.131E+00 0.231E+00 810. 600. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.33 HOURS.
0.38 5.0 0.115E+00 0.215E+00 870. 600. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.38 HOURS.
0.42 5.0 0.101E+00 0.201E+00 930. 600. 0.106E-01 0.111E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.42 HOURS.
0.46 5.0 0.887E-01 0.189E+00 990. 600. 0.564E-01 0.156E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.46 HOURS.
0.50 5.0 0.784E-01 0.178E+00 1050. 600. 0.784E-01 0.178E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.50 HOURS.
0.54 5.0 0.696E-01 0.170E+00 1110. 600. 0.696E-01 0.170E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.54 HOURS.
0.58 5.0 0.619E-01 0.162E+00 1170. 600. 0.619E-01 0.162E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.58 HOURS.
0.62 5.0 0.553E-01 0.155E+00 1230. 600. 0.553E-01 0.155E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.62 HOURS.
0.67 5.0 0.496E-01 0.150E+00 1290. 600. 0.496E-01 0.150E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.67 HOURS.
0.71 5.0 0.449E-01 0.145E+00 1380. 600. 0.449E-01 0.145E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.71 HOURS.
0.75 5.0 0.408E-01 0.141E+00 1440. 600. 0.408E-01 0.141E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.75 HOURS.
0.79 5.0 0.372E-01 0.137E+00 1500. 600. 0.372E-01 0.137E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.79 HOURS.
0.83 5.0 0.339E-01 0.134E+00 1560. 600. 0.339E-01 0.134E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.83 HOURS.
0.88 5.0 0.310E-01 0.131E+00 1620. 600. 0.310E-01 0.131E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.88 HOURS.
0.92 5.0 0.284E-01 0.128E+00 1680. 600. 0.284E-01 0.128E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.92 HOURS.
0.96 5.0 0.261E-01 0.126E+00 1740. 600. 0.261E-01 0.126E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.96 HOURS.
1.00 5.0 0.240E-01 0.124E+00 1800. 600. 0.240E-01 0.124E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 1.00 HOURS.

0.04 9.9 0.000E+00 0.100E+00 0. 0. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.04 HOURS.
0.08 9.9 0.401E-01 0.140E+00 420. 600. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.08 HOURS.
0.12 9.9 0.344E-01 0.134E+00 510. 600. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.12 HOURS.
0.17 9.9 0.303E-01 0.130E+00 570. 600. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.17 HOURS.
0.21 9.9 0.265E-01 0.127E+00 630. 600. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.21 HOURS.
0.25 9.9 0.232E-01 0.123E+00 690. 600. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.25 HOURS.
0.29 9.9 0.203E-01 0.120E+00 750. 600. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.29 HOURS.
0.33 9.9 0.177E-01 0.118E+00 810. 600. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.33 HOURS.
0.38 9.9 0.155E-01 0.116E+00 870. 600. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.38 HOURS.
0.42 9.9 0.136E-01 0.114E+00 930. 600. 0.143E-02 0.101E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.42 HOURS.

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0.46       9.9        0.120E-01      0.112E+00      990.      600.         0.763E-02       0.108E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.46 HOURS.
0.50       9.9        0.106E-01      0.111E+00     1050.      600.         0.106E-01       0.111E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.50 HOURS.
0.54       9.9        0.941E-02      0.109E+00     1110.      600.         0.941E-02       0.109E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.54 HOURS.
0.58       9.9        0.838E-02      0.108E+00     1170.      600.         0.838E-02       0.108E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.58 HOURS.
0.62       9.9        0.749E-02      0.107E+00     1230.      600.         0.749E-02       0.107E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.62 HOURS.
0.67       9.9        0.671E-02      0.107E+00     1290.      600.         0.671E-02       0.107E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.67 HOURS.
0.71       9.9        0.607E-02      0.106E+00     1380.      600.         0.607E-02       0.106E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.71 HOURS.
0.75       9.9        0.552E-02      0.106E+00     1440.      600.         0.552E-02       0.106E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.75 HOURS.
0.79       9.9        0.503E-02      0.105E+00     1500.      600.         0.503E-02       0.105E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.79 HOURS.
0.83       9.9        0.459E-02      0.105E+00     1560.      600.         0.459E-02       0.105E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.83 HOURS.
0.88       9.9        0.420E-02      0.104E+00     1620.      600.         0.420E-02       0.104E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.88 HOURS.
0.92       9.9        0.385E-02      0.104E+00     1680.      600.         0.385E-02       0.104E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.92 HOURS.
0.96       9.9        0.353E-02      0.104E+00     1740.      600.         0.353E-02       0.104E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.96 HOURS.
1.00       9.9        0.325E-02      0.103E+00     1800.      600.         0.325E-02       0.103E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 1.00 HOURS.



0.04       0.0        0.000E+00      0.100E+00        0.        0.         0.000E+00       0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.04 HOURS.
0.08       0.0        0.803E-01      0.180E+00      420.      600.         0.000E+00       0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.08 HOURS.
0.12       0.0        0.688E-01      0.169E+00      510.      600.         0.000E+00       0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.12 HOURS.
0.17       0.0        0.605E-01      0.161E+00      570.      600.         0.000E+00       0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.17 HOURS.
0.21       0.0        0.531E-01      0.153E+00      630.      600.         0.000E+00       0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.21 HOURS.
0.25       0.0        0.464E-01      0.146E+00      690.      600.         0.000E+00       0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.25 HOURS.
0.29       0.0        0.405E-01      0.141E+00      750.      600.         0.000E+00       0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.29 HOURS.
0.33       0.0        0.354E-01      0.135E+00      810.      600.         0.000E+00       0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.33 HOURS.
0.38       0.0        0.310E-01      0.131E+00      870.      600.         0.000E+00       0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.38 HOURS.
0.42       0.0        0.273E-01      0.127E+00      930.      600.         0.286E-02       0.103E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.42 HOURS.
0.46       0.0        0.240E-01      0.124E+00      990.      600.         0.153E-01       0.115E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.46 HOURS.
0.50       0.0        0.212E-01      0.121E+00     1050.      600.         0.212E-01       0.121E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.50 HOURS.
0.54       0.0        0.188E-01      0.119E+00     1110.      600.         0.188E-01       0.119E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.54 HOURS.
0.58       0.0        0.168E-01      0.117E+00     1170.      600.         0.168E-01       0.117E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.58 HOURS.
0.62       0.0        0.150E-01      0.115E+00     1230.      600.         0.150E-01       0.115E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.62 HOURS.
0.67       0.0        0.134E-01      0.113E+00     1290.      600.         0.134E-01       0.113E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.67 HOURS.
0.71       0.0        0.121E-01      0.112E+00     1380.      600.         0.121E-01       0.112E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.71 HOURS.
0.75       0.0        0.110E-01      0.111E+00     1440.      600.         0.110E-01       0.111E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.75 HOURS.
0.79       0.0        0.101E-01      0.110E+00     1500.      600.         0.101E-01       0.110E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.79 HOURS.
0.83       0.0        0.918E-02      0.109E+00     1560.      600.         0.918E-02       0.109E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.83 HOURS.
0.88       0.0        0.840E-02      0.108E+00     1620.      600.         0.840E-02       0.108E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.88 HOURS.
0.92       0.0        0.769E-02      0.108E+00     1680.      600.         0.769E-02       0.108E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.92 HOURS.
0.96       0.0        0.706E-02      0.107E+00     1740.      600.         0.706E-02       0.107E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.96 HOURS.
1.00       0.0        0.649E-02      0.106E+00     1800.      600.         0.649E-02       0.106E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 1.00 HOURS.



0.04       2.5        0.000E+00      0.100E+00        0.        0.         0.000E+00       0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.04 HOURS.
0.08       2.5        0.183E+00      0.283E+00      420.      600.         0.000E+00       0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.08 HOURS.
0.12       2.5        0.157E+00      0.257E+00      510.      600.         0.000E+00       0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.12 HOURS.
0.17       2.5        0.138E+00      0.238E+00      570.      600.         0.000E+00       0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.17 HOURS.
0.21       2.5        0.121E+00      0.221E+00      630.      600.         0.000E+00       0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.21 HOURS.
0.25       2.5        0.106E+00      0.206E+00      690.      600.         0.000E+00       0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.25 HOURS.
0.29       2.5        0.925E-01      0.192E+00      750.      600.         0.000E+00       0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.29 HOURS.
0.33       2.5        0.809E-01      0.181E+00      810.      600.         0.000E+00       0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.33 HOURS.
0.38       2.5        0.708E-01      0.171E+00      870.      600.         0.000E+00       0.100E+00
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THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.38 HOURS.
0.42 2.5 0.622E-01 0.162E+00 930. 600. 0.653E-02 0.107E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.42 HOURS.
0.46 2.5 0.548E-01 0.155E+00 990. 600. 0.348E-01 0.135E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.46 HOURS.
0.50 2.5 0.484E-01 0.148E+00 1050. 600. 0.484E-01 0.148E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.50 HOURS.
0.54 2.5 0.430E-01 0.143E+00 1110. 600. 0.430E-01 0.143E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.54 HOURS.
0.58 2.5 0.382E-01 0.138E+00 1170. 600. 0.382E-01 0.138E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.58 HOURS.
0.62 2.5 0.342E-01 0.134E+00 1230. 600. 0.342E-01 0.134E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.62 HOURS.
0.67 2.5 0.306E-01 0.131E+00 1290. 600. 0.306E-01 0.131E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.67 HOURS.
0.71 2.5 0.277E-01 0.128E+00 1380. 600. 0.277E-01 0.128E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.71 HOURS.
0.75 2.5 0.252E-01 0.125E+00 1440. 600. 0.252E-01 0.125E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.75 HOURS.
0.79 2.5 0.230E-01 0.123E+00 1500. 600. 0.230E-01 0.123E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.79 HOURS.
0.83 2.5 0.210E-01 0.121E+00 1560. 600. 0.210E-01 0.121E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.83 HOURS.
0.88 2.5 0.192E-01 0.119E+00 1620. 600. 0.192E-01 0.119E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.88 HOURS.
0.92 2.5 0.176E-01 0.118E+00 1680. 600. 0.176E-01 0.118E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.92 HOURS.
0.96 2.5 0.161E-01 0.116E+00 1740. 600. 0.161E-01 0.116E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.96 HOURS.
1.00 2.5 0.148E-01 0.115E+00 1800. 600. 0.148E-01 0.115E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 1.00 HOURS.

0.04 4.9 0.000E+00 0.100E+00 0. 0. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.04 HOURS.
0.08 4.9 0.297E+00 0.397E+00 420. 600. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.08 HOURS.
0.12 4.9 0.254E+00 0.354E+00 510. 600. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.12 HOURS.
0.17 4.9 0.224E+00 0.324E+00 570. 600. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.17 HOURS.
0.21 4.9 0.196E+00 0.296E+00 630. 600. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.21 HOURS.
0.25 4.9 0.171E+00 0.271E+00 690. 600. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.25 HOURS.
0.29 4.9 0.150E+00 0.250E+00 750. 600. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.29 HOURS.
0.33 4.9 0.131E+00 0.231E+00 810. 600. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.33 HOURS.
0.38 4.9 0.115E+00 0.215E+00 870. 600. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.38 HOURS.
0.42 4.9 0.101E+00 0.201E+00 930. 600. 0.106E-01 0.111E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.42 HOURS.
0.46 4.9 0.887E-01 0.189E+00 990. 600. 0.564E-01 0.156E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.46 HOURS.
0.50 4.9 0.784E-01 0.178E+00 1050. 600. 0.784E-01 0.178E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.50 HOURS.
0.54 4.9 0.696E-01 0.170E+00 1110. 600. 0.696E-01 0.170E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.54 HOURS.
0.58 4.9 0.619E-01 0.162E+00 1170. 600. 0.619E-01 0.162E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.58 HOURS.
0.62 4.9 0.553E-01 0.155E+00 1230. 600. 0.553E-01 0.155E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.62 HOURS.
0.67 4.9 0.496E-01 0.150E+00 1290. 600. 0.496E-01 0.150E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.67 HOURS.
0.71 4.9 0.449E-01 0.145E+00 1380. 600. 0.449E-01 0.145E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.71 HOURS.
0.75 4.9 0.408E-01 0.141E+00 1440. 600. 0.408E-01 0.141E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.75 HOURS.
0.79 4.9 0.372E-01 0.137E+00 1500. 600. 0.372E-01 0.137E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.79 HOURS.
0.83 4.9 0.339E-01 0.134E+00 1560. 600. 0.339E-01 0.134E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.83 HOURS.
0.88 4.9 0.310E-01 0.131E+00 1620. 600. 0.310E-01 0.131E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.88 HOURS.
0.92 4.9 0.284E-01 0.128E+00 1680. 600. 0.284E-01 0.128E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.92 HOURS.
0.96 4.9 0.261E-01 0.126E+00 1740. 600. 0.261E-01 0.126E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.96 HOURS.
1.00 4.9 0.240E-01 0.124E+00 1800. 600. 0.240E-01 0.124E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 1.00 HOURS.

0.04 7.4 0.000E+00 0.100E+00 0. 0. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.04 HOURS.
0.08 7.4 0.180E+00 0.280E+00 420. 600. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.08 HOURS.
0.12 7.4 0.154E+00 0.254E+00 510. 600. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.12 HOURS.
0.17 7.4 0.136E+00 0.236E+00 570. 600. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.17 HOURS.
0.21 7.4 0.119E+00 0.219E+00 630. 600. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.21 HOURS.
0.25 7.4 0.104E+00 0.204E+00 690. 600. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.25 HOURS.
0.29 7.4 0.908E-01 0.191E+00 750. 600. 0.000E+00 0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.29 HOURS.

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0.33      7.4       0.794E-01     0.179E+00      810.      600.          0.000E+00       0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.33 HOURS.
0.38      7.4       0.696E-01     0.170E+00      870.      600.          0.000E+00       0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.38 HOURS.
0.42      7.4       0.611E-01     0.161E+00      930.      600.          0.641E-02       0.106E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.42 HOURS.
0.46      7.4       0.538E-01     0.154E+00      990.      600.          0.342E-01       0.134E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.46 HOURS.
0.50      7.4       0.476E-01     0.148E+00     1050.      600.          0.476E-01       0.148E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.50 HOURS.
0.54      7.4       0.422E-01     0.142E+00     1110.      600.          0.422E-01       0.142E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.54 HOURS.
0.58      7.4       0.376E-01     0.138E+00     1170.      600.          0.376E-01       0.138E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.58 HOURS.
0.62      7.4       0.335E-01     0.134E+00     1230.      600.          0.335E-01       0.134E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.62 HOURS.
0.67      7.4       0.301E-01     0.130E+00     1290.      600.          0.301E-01       0.130E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.67 HOURS.
0.71      7.4       0.272E-01     0.127E+00     1380.      600.          0.272E-01       0.127E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.71 HOURS.
0.75      7.4       0.247E-01     0.125E+00     1440.      600.          0.247E-01       0.125E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.75 HOURS.
0.79      7.4       0.225E-01     0.123E+00     1500.      600.          0.225E-01       0.123E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.79 HOURS.
0.83      7.4       0.206E-01     0.121E+00     1560.      600.          0.206E-01       0.121E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.83 HOURS.
0.88      7.4       0.188E-01     0.119E+00     1620.      600.          0.188E-01       0.119E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.88 HOURS.
0.92      7.4       0.172E-01     0.117E+00     1680.      600.          0.172E-01       0.117E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.92 HOURS.
0.96      7.4       0.158E-01     0.116E+00     1740.      600.          0.158E-01       0.116E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.96 HOURS.
1.00      7.4       0.146E-01     0.115E+00     1800.      600.          0.146E-01       0.115E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 1.00 HOURS.



0.04      9.9       0.000E+00     0.100E+00        0.        0.          0.000E+00       0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.04 HOURS.
0.08      9.9       0.401E-01     0.140E+00      420.      600.          0.000E+00       0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.08 HOURS.
0.12      9.9       0.344E-01     0.134E+00      510.      600.          0.000E+00       0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.12 HOURS.
0.17      9.9       0.303E-01     0.130E+00      570.      600.          0.000E+00       0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.17 HOURS.
0.21      9.9       0.265E-01     0.127E+00      630.      600.          0.000E+00       0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.21 HOURS.
0.25      9.9       0.232E-01     0.123E+00      690.      600.          0.000E+00       0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.25 HOURS.
0.29      9.9       0.203E-01     0.120E+00      750.      600.          0.000E+00       0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.29 HOURS.
0.33      9.9       0.177E-01     0.118E+00      810.      600.          0.000E+00       0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.33 HOURS.
0.38      9.9       0.155E-01     0.116E+00      870.      600.          0.000E+00       0.100E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.38 HOURS.
0.42      9.9       0.136E-01     0.114E+00      930.      600.          0.143E-02       0.101E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.42 HOURS.
0.46      9.9       0.120E-01     0.112E+00      990.      600.          0.763E-02       0.108E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.46 HOURS.
0.50      9.9       0.106E-01     0.111E+00     1050.      600.          0.106E-01       0.111E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.50 HOURS.
0.54      9.9       0.941E-02     0.109E+00     1110.      600.          0.941E-02       0.109E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.54 HOURS.
0.58      9.9       0.838E-02     0.108E+00     1170.      600.          0.838E-02       0.108E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.58 HOURS.
0.62      9.9       0.749E-02     0.107E+00     1230.      600.          0.749E-02       0.107E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.62 HOURS.
0.67      9.9       0.671E-02     0.107E+00     1290.      600.          0.671E-02       0.107E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.67 HOURS.
0.71      9.9       0.607E-02     0.106E+00     1380.      600.          0.607E-02       0.106E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.71 HOURS.
0.75      9.9       0.552E-02     0.106E+00     1440.      600.          0.552E-02       0.106E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.75 HOURS.
0.79      9.9       0.503E-02     0.105E+00     1500.      600.          0.503E-02       0.105E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.79 HOURS.
0.83      9.9       0.459E-02     0.105E+00     1560.      600.          0.459E-02       0.105E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.83 HOURS.
0.88      9.9       0.420E-02     0.104E+00     1620.      600.          0.420E-02       0.104E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.88 HOURS.
0.92      9.9       0.385E-02     0.104E+00     1680.      600.          0.385E-02       0.104E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.92 HOURS.
0.96      9.9       0.353E-02     0.104E+00     1740.      600.          0.353E-02       0.104E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 0.96 HOURS.
1.00      9.9       0.325E-02     0.103E+00     1800.      600.          0.325E-02       0.103E+00
THE WATER QUALITY STANDARD IS VIOLATED OUTSIDE THE MIXING ZONE AT 1.00 HOURS.



RESULT:  THE WATER QUALITY STANDARD WAS VIOLATED OUTSIDE THE MIXING ZONE DURING THE SIMULATION.


                              ZONES OF INITIAL DILUTION


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³       TIME                SNAPSHOT                                  ACCUMULATED               ³
³      ( SEC )      AREA(SQ FT)    L(FT)      W(FT)      AREA(SQ FT)    L(FT)     W(FT)         ³
³                                                                                               ³
³        300.0     0.288000E+07    2683.      1073.     0.288000E+07    2683.     1073.         ³
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450.0	0.288000E+07	2683.	1073.	0.288000E+07	2683.	1073.	
600.0	0.288000E+07	2683.	1073.	0.288000E+07	2683.	1073.	
750.0	0.288000E+07	2683.	1073.	0.288000E+07	2683.	1073.	
900.0	0.288000E+07	2683.	1073.	0.288000E+07	2683.	1073.	
1050.0	0.288000E+07	2683.	1073.	0.288000E+07	2683.	1073.	
1200.0	0.288000E+07	2683.	1073.	0.288000E+07	2683.	1073.	
1350.0	0.288000E+07	2683.	1073.	0.288000E+07	2683.	1073.	
1500.0	0.288000E+07	2683.	1073.	0.288000E+07	2683.	1073.	
1650.0	0.288000E+07	2683.	1073.	0.288000E+07	2683.	1073.	
1800.0	0.288000E+07	2683.	1073.	0.288000E+07	2683.	1073.	
1950.0	0.288000E+07	2683.	1073.	0.288000E+07	2683.	1073.	
2100.0	0.288000E+07	2683.	1073.	0.288000E+07	2683.	1073.	
2250.0	0.288000E+07	2683.	1073.	0.288000E+07	2683.	1073.	
2400.0	0.288000E+07	2683.	1073.	0.288000E+07	2683.	1073.	
2550.0	0.288000E+07	2683.	1073.	0.288000E+07	2683.	1073.	
2700.0	0.288000E+07	2683.	1073.	0.288000E+07	2683.	1073.	
2850.0	0.288000E+07	2683.	1073.	0.288000E+07	2683.	1073.	
3000.0	0.288000E+07	2683.	1073.	0.288000E+07	2683.	1073.	
3150.0	0.288000E+07	2683.	1073.	0.288000E+07	2683.	1073.	
3300.0	0.288000E+07	2683.	1073.	0.288000E+07	2683.	1073.	
3450.0	0.288000E+07	2683.	1073.	0.288000E+07	2683.	1073.	
3600.0	0.288000E+07	2683.	1073.	0.288000E+07	2683.	1073.	

*** RUN COMPLETED ***