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Documentation of Work for the Optimization Project, East Branch Canal Creek, Aberdeen Proving Ground, Maryland, October 1, 1997 Through September 30, 1998

By Frederick J. Tenbus and William B. Fleck

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Aberdeen Proving Ground, Maryland

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Executive Summary

Ground water in the Canal Creek area of Aberdeen Proving Ground (APG), Maryland, is contaminated. Pump-and-treat has been suggested as a possible remedial action for this problem. A cost-effective approach to aid in the design of pump-and-treat systems involves coupling a ground-water-flow model with linear-optimization modeling routines to create a ground-water-management model. In 1997, the U.S. Geological Survey (USGS) consulted with APG about using optimization techniques on the existing Canal Creek ground-water-flow model (Lorah and Clark, 1996) to help design one or more pumping strategies for containment of the eastern contaminant plume in the Canal Creek aquifer.

Use of a ground-water-management model in the design of a pump-and-treat system has several benefits. Optimum pumping strategies selected by this method are based on defensible, quantitative information. The objectives and constraints are easily reviewed by interested parties and can be changed to reflect new information or changing hydrologic, political, economic, or technical conditions. Because this method can be used to help design any pump-and-treat system, it can be applied wherever it is needed.

The purpose of this report is to provide documentation of the changes made to the ground-water-flow model of the Canal Creek area of APG, Maryland, published by Lorah and Clark (1996), and to describe the use of this model for estimating a minimum pumping rate for containment of a contaminant plume in the East Branch Canal Creek area of APG. An errata sheet for the modeling sections of the report by Lorah and Clark is included, as are the input and output files for the updated ground-water-flow model and the input files for the optimization simulation.

The changes made to the ground-water-flow model included (1) changing from a quasi three-dimensional approach to a fully three-dimensional approach; (2) changing the number of model layers from 3 to 5; (3) changing the no-flow boundaries at the edge of the model grid in the lower confined aquifer to general-head boundaries; (4) changing the thickness of the layer representing the Canal Creek aquifer to correct an error in the pre-existing model; and (5) changing hydraulic conductivity to compensate for the change in thickness so that transmissivity remained the same. Each of the changes was requested by APG or was necessary to maintain or restore the technical integrity of the ground-water-flow model. The changes resulted in a model in which the resulting heads are similar to those in the pre-existing model.

Minimum pumping rates for containment of the contaminant plume were determined by constructing a ground-water-management model, which combines a ground-water-flow model with optimization software. The ground-water-management model automatically determines an optimal solution to a ground-water problem given a series of user-defined objectives and constraints. For the approach used in this study, the objective was to

minimize the ground-water extraction rate. The constraints were that the maximum number of well locations was 55 (one for each of the model cells within the plume area), that all of the wells were extraction wells, that maximum pumpage from an individual well was 250,000 gallons per day, that drawdown in each well was limited to the top of the Canal Creek aquifer, that the ground-water divide between the eastern and western plumes would not be substantially changed, and that containmant would include the part of the plume bounded by a concentration of 10 micrograms per liter total volatile organic compounds.

The results of the analysis indicate that the minimum total pumpage to contain the plume given the above constraints is approximately 115,600 gallons per day. This pumpage would be divided among 13 wells chosen by the optimization routine from the 55 possible extraction wells. The pumping rates for individual wells in this scenario ranged from 1,100 to 19,000 gallons per day.

The results are dependent on the accuracy of the ground-water-flow model, the appropriateness of the objectives and constraints, and the accuracy of the plume boundary, as well as other potential factors that are difficult to quantify. Future work that focuses on improving these factors could produce a more accurate and defensible result for the project. Changes to objectives, constraints, or boundary conditions would yield different results. Because these have not been fully agreed upon, the results presented in this report are considered preliminary.

Introduction

The Canal Creek area of APG, Md. (fig. 1), has been used to develop, test, and manufacture military-related chemicals since World War I (Lorah and Clark, 1996, p. 3). The Canal Creek area, in the upper part of the peninsula that forms the Edgewood Area of APG in Harford County (fig. 1), encompasses most of APG's former manufacturing facilities. Widespread contamination of ground water by chlorinated volatile organic compounds (VOC's) has been detected in the Canal Creek aquifer and the overlying surficial aquifer in the Canal Creek area. One large contaminant plume, referred to as the "western plume," extends parallel to West Branch Canal Creek; another plume, referred to as the "eastern plume," extends eastward from East Branch Canal Creek (Lorah and Clark, 1996, p. 1).

In 1997, the U.S. Geological Survey (USGS) proposed use of the existing ground-water-flow model (Lorah and Clark, 1996) to assess potential designs of a ground-water extraction remediation system for a contaminant plume near Weide Airfield at East Branch Canal Creek (fig. 2). The intent of the project was to combine the existing ground-water-flow model with optimization software and appropriate objectives and constraints to produce a ground-water-management model.

Ground-water-management modeling, or optimization modeling, uses numerical methods to determine an optimal way to obtain an objective given one or more constraints. An objective is usually some function of a cost or a benefit, and it is usually project-specific. In ground-water-management modeling, the objective typically is to minimize the cost associated with pumping and treating contaminated water, or to maximize a benefit such as obtaining an adequate supply of drinking water. Constraints are a result of the technical, legal, economic, or political conditions of the project, and can include such variables as the number of wells, their pumping rates, and the locations of wells (Wang and Zheng, 1997, p. 758). Other types of constraints can include maintaining head above, at, or below a datum, maintaining a gradient in a specific direction, or maintaining a balance between recharge and discharge wells.

Use of a ground-water-management model in the design of a pump-and-treat system has several benefits. First, optimum pumping strategies are chosen based on defensible, quantitative information, not on the judgement of the modeler. Second, the objectives and constraints in the model must be unambiguously specified, and are therefore easily reviewed by interested parties. Third, objectives and constraints can be changed to reflect new information, changing hydrologic conditions (such as a reduction in the size of the plume), or changing political, economic, or technical conditions. Fourth, this method can be used regardless of the complexity of the pump-and-treat system; and therefore, it can be applied wherever it is needed to help in the design of the system.

Purpose and Scope

The purpose of this report is to provide documentation of the changes made to an existing ground-water-flow model of the Canal Creek area of Aberdeen Proving Ground (APG), Md., published in Lorah and Clark (1996), and to describe the use of this model for estimating a minimum pumping rate for containment of a plume of contaminated ground water in the East Branch Canal Creek area of APG. This report describes the rationale for changes to the existing ground-water-flow model and provides information on the effects these changes had on the model performance. Appendixes to the report include an errata sheet (Appendix A) for the modeling sections of Lorah and Clark (1996), an annotated list of the input and output files for the updated ground-water-flow model used in this study (Appendix B), and a list of the inputs for the optimization routines (Appendix C).

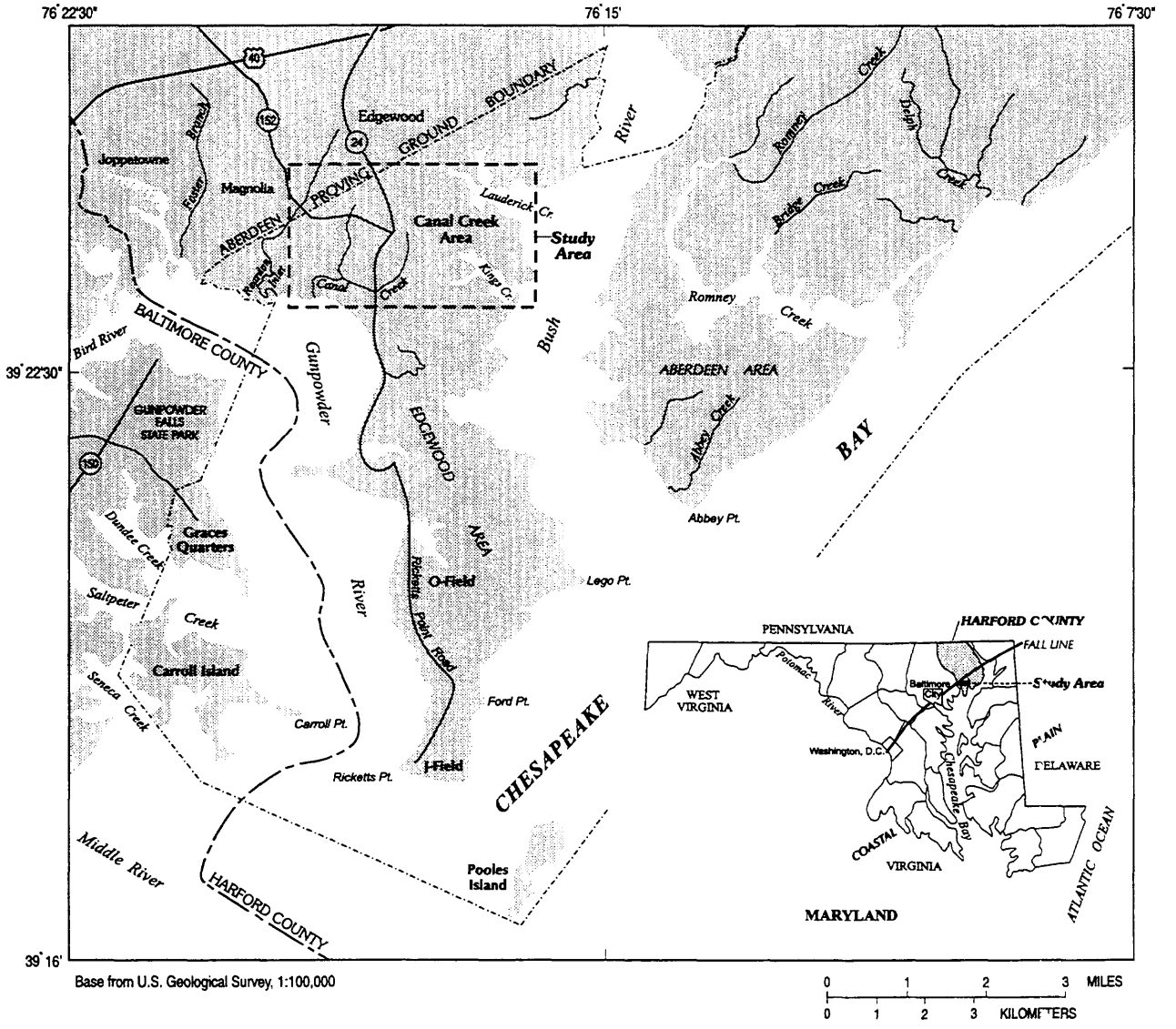

Figure 1. Location of the Canal Creek study area (from Lorah and Clark, 1996).

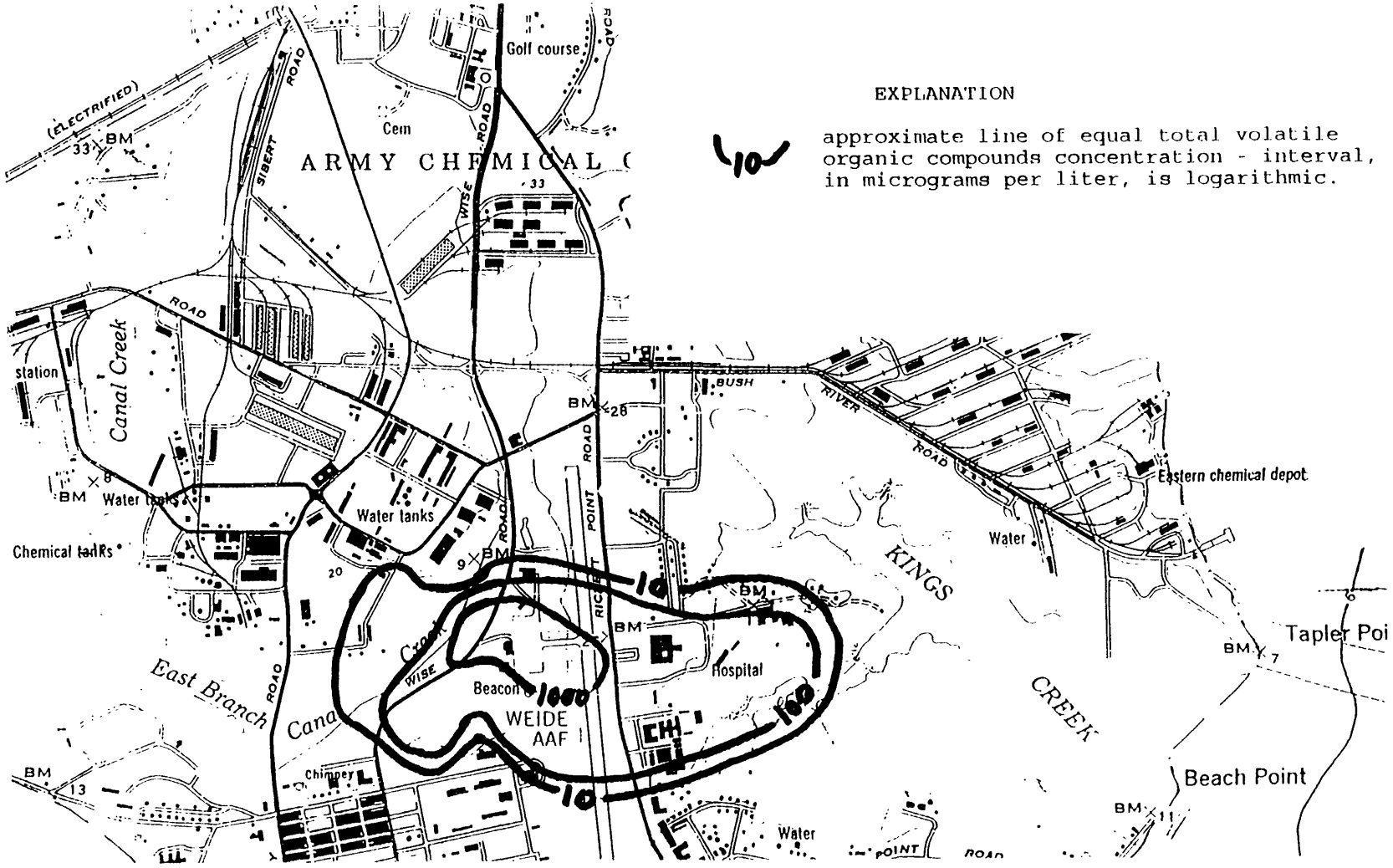

Figure 2. Approximate distribution of total volatile organic compounds in the Canal Creek aquifer in the eastern plume area, 1994-95 (modified from Neeraj, Gupta, Battelle Environmental Restoration Department, written commun., 1998).

Project Background

The original goal of the project was to develop one or more optimal pumping strategies for remediating the contaminant plume at East Branch Canal Creek that would meet project objectives without violating any of the defined constraints, using the following criteria:

1. Total VOC's do not exceed 10 micrograms per liter (µg/L) outside the capture zone of the pumped wells;
2. Changes in the position of the ground-water-flow divide separating the eastern and western plumes (Lorah and Clark, 1996, p. 16) are minimized; and
3. The total pumping rate closely matches the water-supply needs of the Edgewood Area of APG so that the existing water-supply source could be replaced with treated water from this system.

Criteria (1) and (2) are currently (December 1998) in effect; criterion (3) is under consideration by APG, but a decision on whether the water is to be reused or disposed of has not yet been made. Each of the criteria are subject to change, depending on the needs of APG.

The project was to have been completed by the end of fiscal year 1998. This was not possible, however, because of concerns that were raised by an APG contractor in October 1997 about the suitability of the existing Canal Creek ground-water-flow model for use in the optimization project. During subsequent meetings and discussions among APG staff, several APG contractors, and the USGS, it was determined that deficiencies exist with the ground-water-flow model and that these deficiencies should be corrected before the model is used for optimizing a ground-water-extraction system. It was also determined that it was not necessary to complete this project before an Interim Remedial Action proposed plan for the Canal Creek aquifer was submitted by APG in July 1998, and that approximate pumping rates for a ground-water-extraction and treatment system would be sufficient. For this reason, the project tasks for fiscal year 1998 were changed at the request of APG. The modified tasks are summarized below:

1. Make changes to the ground-water-flow model presented in Lorah and Clark (1996) so that the model will be suitable for use in optimizing an extraction remediation system and will provide documentation of these changes;
2. Provide a preliminary estimate of the minimum pumpage required to contain the eastern plume so that no concentrations above 10 µg/L total VOC's escape the capture zone of the extraction wells, and provide documentation of the methods used to determine this pumpage; and
3. Complete an errata sheet for Lorah and Clark (1996), documenting the corrections of deficiencies in the ground-water-flow modeling sections of that report.

Description of the Existing Ground-Water-Flow Model

The existing ground-water-flow model that was modified in 1998 for use in the current optimization project was described in Lorah and Clark (1996, p. 196-227). A summary of that description, paraphrased from Lorah and Clark (1996, p. 196-209), is presented here to highlight the important features of the model and to help explain the changes that were made for the optimization project.

The model described in Lorah and Clark (1996), which is hereafter referred to as the Clark model, was constructed using the USGS modular finite-difference computer program known as MODFLOW (McDonald and Harbaugh, 1988). The Clark model consisted of three layers representing the surficial aquifer (layer 1), the Canal Creek aquifer (layer 2), and the lower confined aquifer (layer 3). The upper and lower confining units were represented using the quasi-three-dimensional approach, which means that they were represented as a vertical leakance between the model layers. This approach assumed that the contrast in hydraulic conductivity between aquifers and confining units was sufficient so that flow in the aquifers was predominantly horizontal, and flow in the confining units was predominantly vertical. In the Clark model, the confining units were simulated as low-conductivity, vertical connections between aquifers except in their outcrop areas, where they were simulated as extensions of layer 1 (upper confining unit) and layer 2 (lower confining unit), with low hydraulic conductivity and constant head.

The grid for the Clark model (fig. 3) consisted of 47 rows oriented southwest to northeast from the Gunpowder River to Otter Point Creek, and 41 columns oriented northwest to southeast from the Fall Line to the Bush River. Grid spacing varied from 400 feet (ft) per side around Canal Creek to 2,025 ft per side near the model boundaries. Grid spacing in the primary area of interest was chosen on the basis of spatial distribution of observation wells in the Canal Creek aquifer.

The upper boundary of the model is the water-table surface in areas where the surficial Canal Creek aquifers crop out, and a constant-head, low hydraulic conductivity boundary in areas where the upper and lower confining units crop out. The lower boundary of the model is represented as a no-flow boundary at the bottom of the lower confined aquifer. Lateral boundaries include constant-head boundaries at Otter Point Creek, Bush River, and Gunpowder River, and no-flow boundaries at the Fall Line and at the outer edges of the model grid.

The surficial aquifer and the paleochannel area were simulated with unconfined conditions in layer 1 of the Clark model. An initial hydraulic conductivity of 30 feet per day (ft/d) (obtained from slug tests) was input, and the bottom of layer 1 was digitized from interpreted structure contours (Lorah and Clark, 1996, fig. 75), interpolated onto the model grid using a geographic information system, and then modified so that a stable model solution could be obtained. Initial values of vertical leakance between layers 1 and 2 were calculated by dividing an approximate value (1×10^{-6} ft/d) for vertical hydraulic conductivity of the confining unit by the thickness of the confining unit. In areas where the upper confining unit is missing, an estimated vertical hydraulic conductivity of 1 ft/d was used in the leakance calculations.

The Canal Creek aquifer, layer 2 in the Clark model, is regarded as confined in some areas and unconfined in other areas. Initial input data included hydraulic conductivity values that ranged from 20 to 40 ft/d (interpreted from slug-test data that ranged from 6 to 176 ft/d), and the top and bottom altitudes of the layer as interpreted in Lorah and Clark (1996, fig. 76). Leakance between layers 2 and 3 in the Clark model was calculated in the same way as it was for layers 1 and 2.

In layer 3 of the Clark model, the lower confined aquifer was represented as fully confined. Transmissivity was calculated by multiplying a constant hydraulic conductivity (30 ft/d) that represented the average of the five slug tests in the aquifer by the layer thickness (Lorah and Clark, 1996, fig. 78).

The Clark model was calibrated through the systematic adjustment of the initial values of hydraulic conductivity, transmissivity, and leakance until the root mean-squared error of 103 wells was less than 10 percent of the total 21-ft range of the synoptically measured heads of these wells. This is consistent with the calibration criteria of the ground-water-flow models for O-Field, APG (Vroblesky and others, 1995, p. 76) and for Graces Quarters, APG (Tenbus and Fleck, 1996, p. 11). Calibrated hydraulic conductivity of layer 1 of the Clark model ranged from 20 to 120 ft/d. Calibrated vertical leakance between layers 1 and 2 ranged from 1×10^{-9} to 1×10^{-2} ft/d. Calibrated hydraulic conductivity in layer 2 ranged from 20 to 140 ft/d, and vertical leakance between layers 2 and 3 ranged from 1×10^{-7} to 1×10^{-5} ft/d. Calibrated transmissivity in layer 3 of the Clark model ranged from 400 to 5,000 ft^2/d.

Documentation of Project Work

The following section provides a documentation of the work done by the USGS during fiscal year 1998 (October 1, 1997 through September 30, 1998). It consists of two parts--a summary of the changes that were made to improve the existing ground-water-flow model and the method used and results of the determination of minimum pumpage for containment of the eastern plume in the Canal Creek area.

Changes to the Existing Ground-Water-Flow Model

The changes to the Clark model included (1) modifying the model from a quasi three-dimensional approach to a fully three-dimensional approach; (2) increasing the number of model layers from 3 to 5, to include the upper and lower confining units; (3) changing the no-flow boundaries at the edge of the model grid in the lower confined aquifer to general-head boundaries; (4) modifying the thickness of the layer representing the Canal Creek aquifer to correct an error in the Clark model; and (5) changing hydraulic conductivity to compensate for the change in thickness so that transmissivity remained the same. These changes, and the rationale for each change, are described in the following paragraphs. Input and output MODFLOW files for the updated model are provided in Appendix B.

Although the existing model was modified from a quasi three-dimensional approach to a fully three-dimensional approach, this change was not entirely necessary for the optimization modeling component. It did, however, improve the model in at least two ways. First, the fully three-dimensional approach is easier to visualize and simpler for non-hydrologists and others who are unfamiliar with MODFLOW to understand. Second, some of the possible future uses for the model, such as solute-transport modeling or graphical visualization of the results, either require the fully three-dimensional approach or by using it are more easily performed.

To change the existing model from the quasi three-dimensional to the fully three-dimensional approach, the confining units had to be explicitly simulated as model layers. This resulted in a layer structure for the updated model that differed from the Clark model (table 1). Restructuring the model meant that the bottoms and tops of each of the aquifers and confining units had to be included as model input. The Clark model already had data for the bottom of the surficial aquifer throughout the model grid, and for the top and bottom of the Canal Creek aquifer. These data were used in the updated model to define the bottom of layer 1, the top and bottom of layer 2, the top and bottom of layer 3, and the top of layer 4. Some modifications to the data were required to prevent negative thicknesses of the upper confining unit (layer 2 in the updated model). The bottom of layer 4 and the top and bottom of layer 5 were obtained by interpolating information from wells in the area that penetrated the lower confined aquifer, and checking for compatibility with previous interpretations of the hydrogeologic framework (Oliveros and Vroblesky, 1989; Lorah and Clark, 1996).

The boundary conditions were changed at the edge of the model grid in the lower confined aquifer (layer 3 in the Clark model, and layer 5 in the updated model). MODFLOW is constructed so that flow cannot occur beyond the edge of the model grid. The boundary conditions for the lower confined aquifer in the Clark model were specified as no-flow. This could provide an unrealistic constraint on the amount of water that would be available from the lower confined aquifer in simulations that required significant pumping from that aquifer. To compensate for this, the Clark model was updated by placing a general-head boundary node in each of the grid cells at the edge of the model area, except for those that represented the bedrock area above the Fall Line (fig. 3). A general-head boundary is similar to a constant-head boundary, except that the constant-head source or sink is separated from the active nodes by a conductance value that is specified by the modeler. This conductance value can be adjusted to provide realistic flows of water into or out of the model through the boundary. The addition of general-head boundaries at the edge of the Canal Creek model has little or no effect on model simulations that do not pump large amounts of water from the lower confined aquifer. If such simulations are required, additional information would be necessary to set realistic values for the specified head and conductance at the general-head boundary.

Table 1. *Hydrogeologic units and equivalent model layers for the quasi three-dimensional and fully three-dimensional Canal Creek models*

Hydrogeologic unit	Layer in the quasi three-dimensional approach [a]	Layer in the fully three-dimensional approach
Surficial aquifer	Layer 1	Layer 1 [b]
Upper confining unit		Layer 2
Canal Creek aquifer	Layer 2	Layer 3 [c]
Lower confining unit		Layer 4
Lower confined aquifer	Layer 3	Layer 5

[a] Lorah and Clark (1996).

[b] Includes outcrop area of upper confining unit and paleochannel area.

[c] Includes outcrop area of lower confining unit.

The thickness of the simulated Canal Creek aquifer was corrected, and the hydraulic conductivity was changed to compensate for this change in thickness. During a meeting in October 1997, an APG contractor presented a thickness error in the Clark model (Christopher Perry, Battelle Environmental Restoration Department, written commun., 1997). Essentially, the Clark model had simulated the Canal Creek aquifer near West Branch Canal Creek to be as much as 60 ft too thick. This could potentially cause inaccurate model results under various stresses, such as those that might be encountered during ground-water-extraction simulations.

The thickness of the Canal Creek aquifer layer was corrected by changing the array for the bottom of the layer (layer 2 in the Clark model; layer 3 in the updated model) so that it closely matched the hydrostratigraphy presented in Oliveros and Vroblesky (1989, figs. 7-11). Because hydraulic conductivity in the calibrated Clark model was based primarily on obtaining a good head match, it seemed technically defensible to readjust hydraulic conductivity to obtain a similar head match after the thickness was changed. This was accomplished by proportionally adjusting hydraulic conductivity so that transmissivity, which is hydraulic conductivity multiplied by aquifer thickness, was the same in the updated model as it was in the Clark model. This resulted in simulated heads in the updated model that were similar to those in the Clark model. The maximum head difference between the two models was 1.42 ft. The head difference was greater than 1 ft in only nine nodes; head difference in almost all of the other nodes was 0.1 ft or less.

Determination of Minimum Pumpage for Containment of the Eastern Plume

Ground-water-flow models are frequently used to determine optimal pumpage. This is done by choosing a number of pumping scenarios, repeatedly executing the model, and then choosing the best solution. Not only is this approach tedious but it does not ensure the optimal answer (Greenwald, 1993). The existing ground-water-flow model was used in this way by Lorah and Clark (1996) to determine an optimal pumping rate. The results indicated that at a total withdrawal rate of about 1 Mgal/d (million gallons per day), the eastern plume would be contained with only a small concomitant effect on the western plume (Lorah and Clark, 1996, p. 215-227).

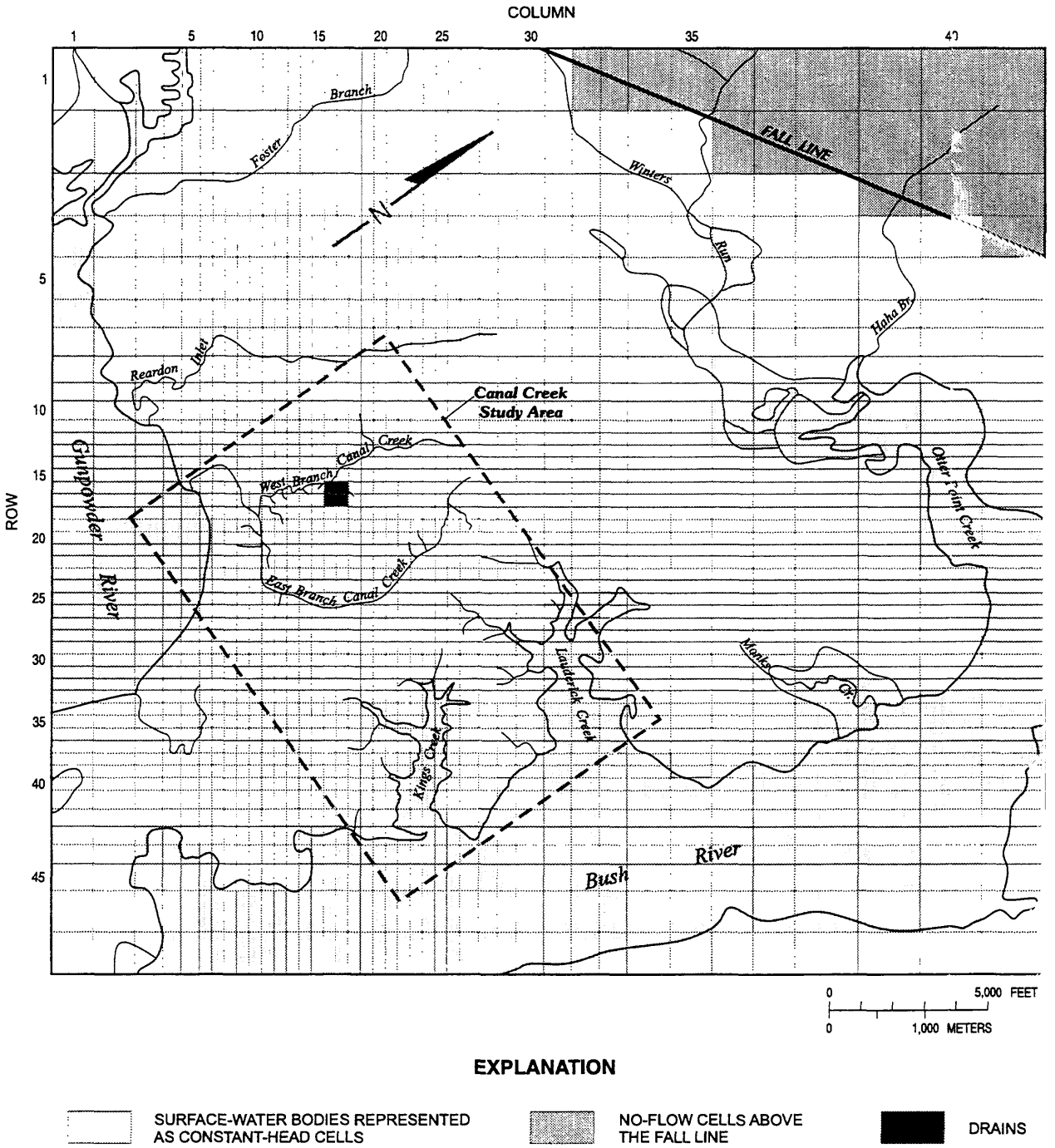

Figure 3. Extent of modeled area and grid boundaries (from Lorah and Clark, 1996, fig. 72).

To ensure that management costs of the proposed extraction system of the eastern plume are minimized, a combined ground-water-flow and linear-optimization model was developed. MODMAN (MODFLOW MANagement) (Greenwald, 1993) is a Fortran code that adds optimization capability to the USGS finite-difference ground-water-flow model, MODFLOW (McDonald and Harbaugh, 1988). MODMAN, used in conjunction with optimization software, provides solutions to the two management problems of where to locate pumping wells and at what rates the individual wells should be pumped. MINOS (Murtagh and Saunders, 1983), the optimization software used in this study, is a program that uses linear techniques to calculate an optimal solution for a given objective and a set of constraints.

The optimization objective was to minimize the total pumping rate at the initiation of the extraction process necessary to meet the specified constraints listed below. From a management perspective, pumpage is a surrogate for extraction costs. Thus, a solution which results in minimal pumpage is also a solution which results in minimal costs.

The constraints included the following:

1. The total number of specified sites for extraction wells was limited to 55 possible locations.
2. All wells were specified as withdrawal (extraction) wells.
3. All wells were specified as screened in layer 3.
4. Each individual well was limited to a maximum pumping rate of 250,000 gallons per day (gal/d).
5. Drawdown at any individual well would not lower water levels below the top of the Canal Creek aquifer (layer 3).
6. The position of the ground-water divide between the eastern and western plumes would not be substantially changed.
7. Containment would include the part of the eastern plume bounded by the 10 µg/L concentration of total VOCs (fig. 2).

Constraint no. 1 limits the number of extraction wells to 55 possible sites, which is equivalent to the 55 flow-model-grid cells that encompass the area of the eastern Canal Creek aquifer plume. No sites substantially outside of the plume were specified. Constraint no. 2 specifies all wells as extraction wells and precludes the option of using injection wells in determining the optimal solution. It is possible that with injection wells the results of this analysis would be somewhat changed; therefore, there needs to be some reasonable limit to the pumping rate of each individual well. Constraint no. 4 arbitrarily sets this limit to 250,000 gal/d; however, the results indicate that this constraint is not limiting. Constraint no. 5 restricts the amount of drawdown at each extraction well. When water levels fall below the top of the aquifer, the reduction in the saturated thickness of the aquifer reduces the transmissivity of the aquifer, which in turn affects well productivity. As in the case of constraint no. 4, however, the results indicated that this was not a limiting constraint.

The two most important constraints are nos. 6 and 7. Constraint no. 6 pertains to the results of the Canal Creek Aquifer Feasibility Study (FS) (Aberdeen Proving Ground, 1998). The preferred alternative identified in this plan is a combination of ground-water extraction from the eastern plume and natural attenuation of the western plume. To allow natural attenuation to proceed undisturbed, it was necessary to set a constraint such that ground-water extraction within the eastern plume would not impinge on the natural flow and transport system of the western plume. Constraint no. 7 ensures that as the extraction process proceeds, the VOC contaminants are restricted from spreading beyond their present extent into uncontaminated parts of the Canal Creek aquifer. It should be noted that this analysis does not involve a time-dependent constraint; however, future work may want to focus on how quickly the remediation objective can be met.

The results of the linear-optimization analysis are shown in table 2. The objective of this analysis was to minimize pumpage during the extraction process so that the limits of the seven constraints listed above were not exceeded. To accomplish this objective, the 13 extraction wells shown in figure 4 were pumped at rates ranging from 1,100 to 19,000 gal/d for a total of 115,600 gal/d (table 2). It should be noted that as the extraction process proceeds, the extent and distribution of the contaminants will change. As these changes occur, the optimization model could be rerun with updated pumping schemes in order to maintain minimal extraction costs.

Table 2. *Minimum pumping rates from simulated extraction wells to contain the part of the eastern plume bounded by the 10 micrograms per liter concentration of total volatile organic compounds, Canal Creek area, Aberdeen Proving Ground, Maryland*

Extraction well identifier[a] (figure 4)	Pumping rate (gallons per day)
A	18,200
B	8,800
C	12,500
D	19,000
E	7,800
F	5,800
G	5,000
H	7,900
J	8,000
K	4,500
L	13,000
M	4,000
N	1,100
Total	115,600

[a]Wells were chosen by the management model from 55 possible locations.

The results are dependent on the accuracy of the ground-water-flow model, the appropriateness of the objectives and constraints, and the accuracy of the plume boundary. Future work designed to improve these factors could help produce results that are more accurate and defensible for the project.

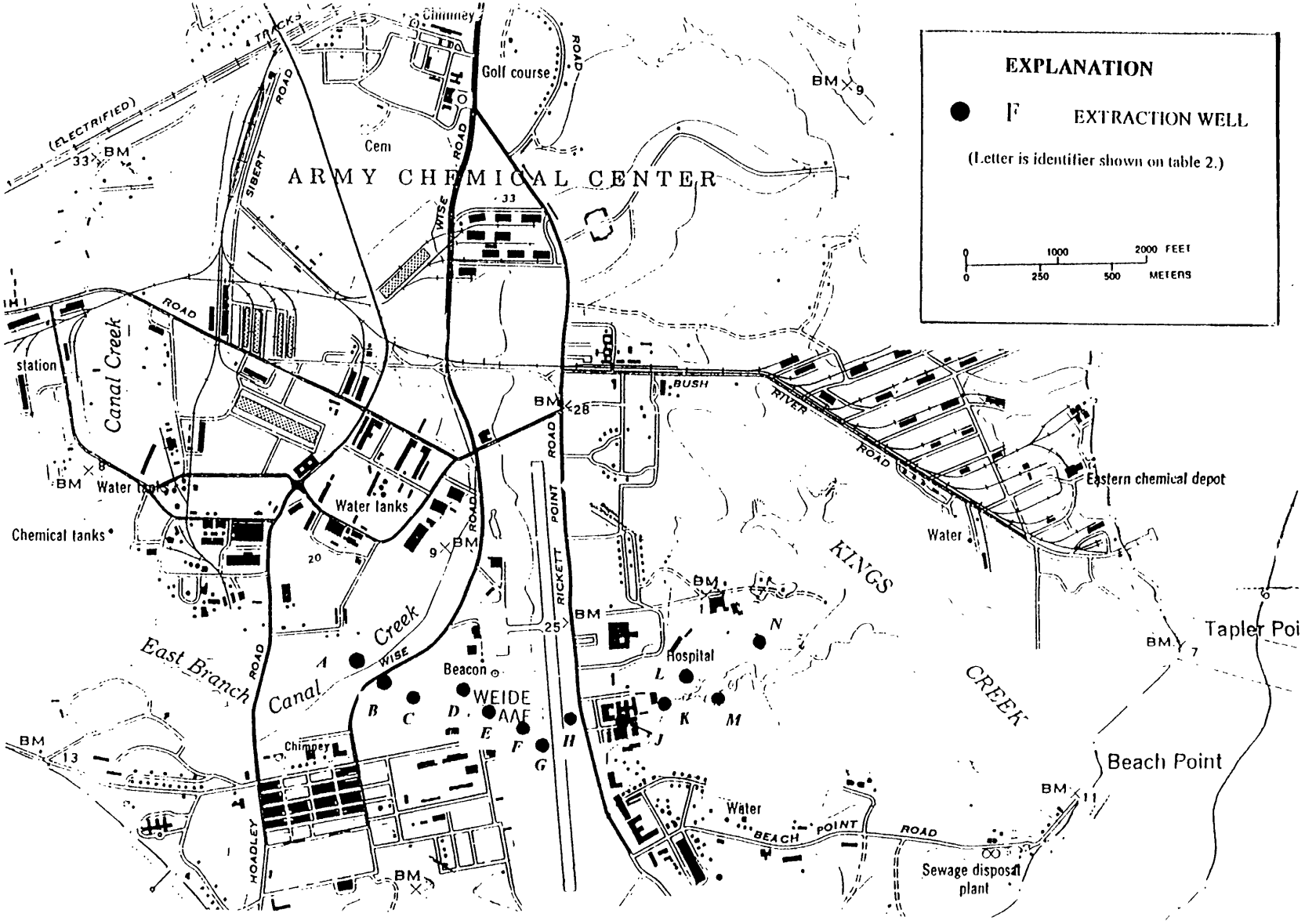

Figure 4. Location of simulated extraction wells used in the optimization scenarios.

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Appendixes A through C

NO APPENDIXE A PAGE(S)

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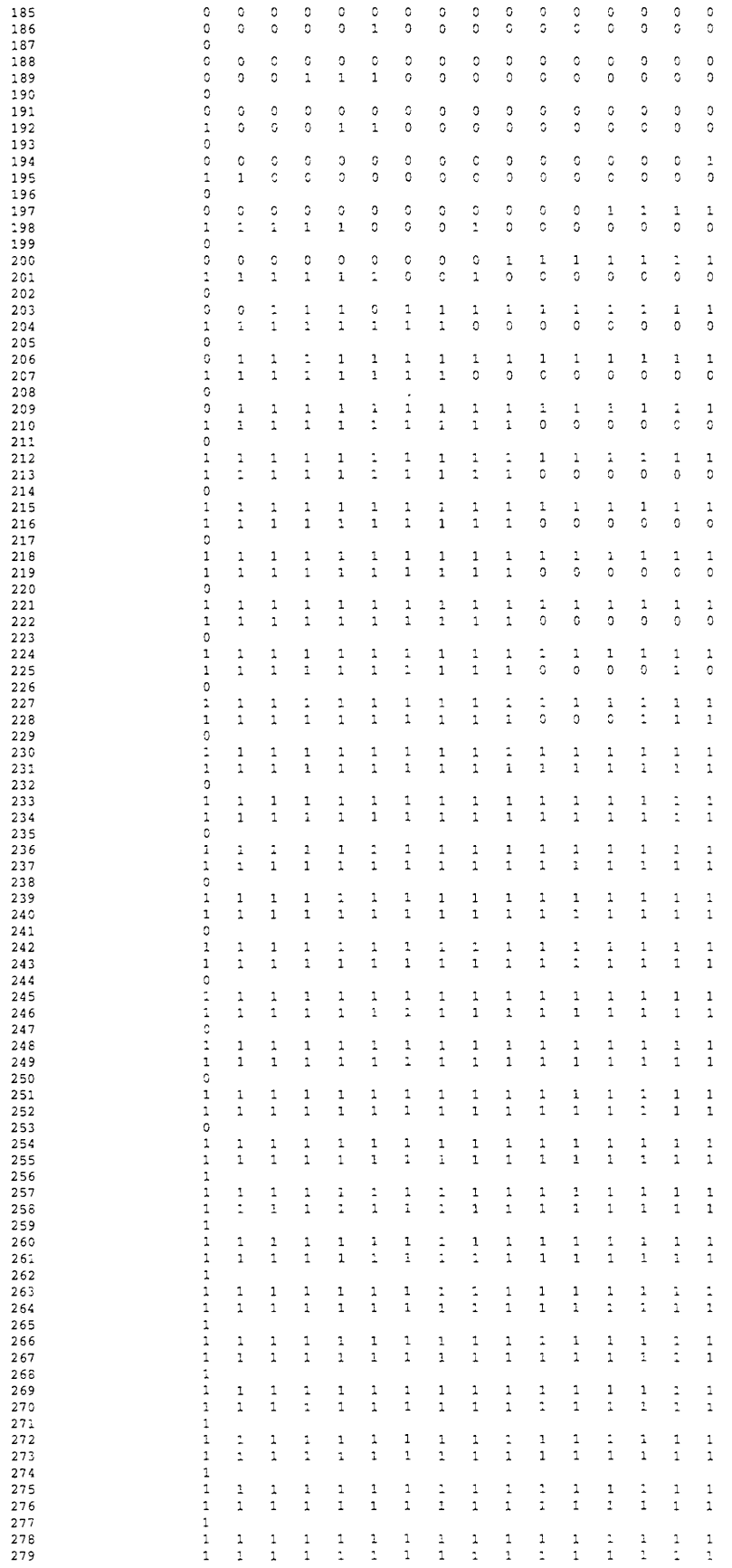
Appendix B: MODFLOW Input and Output Files

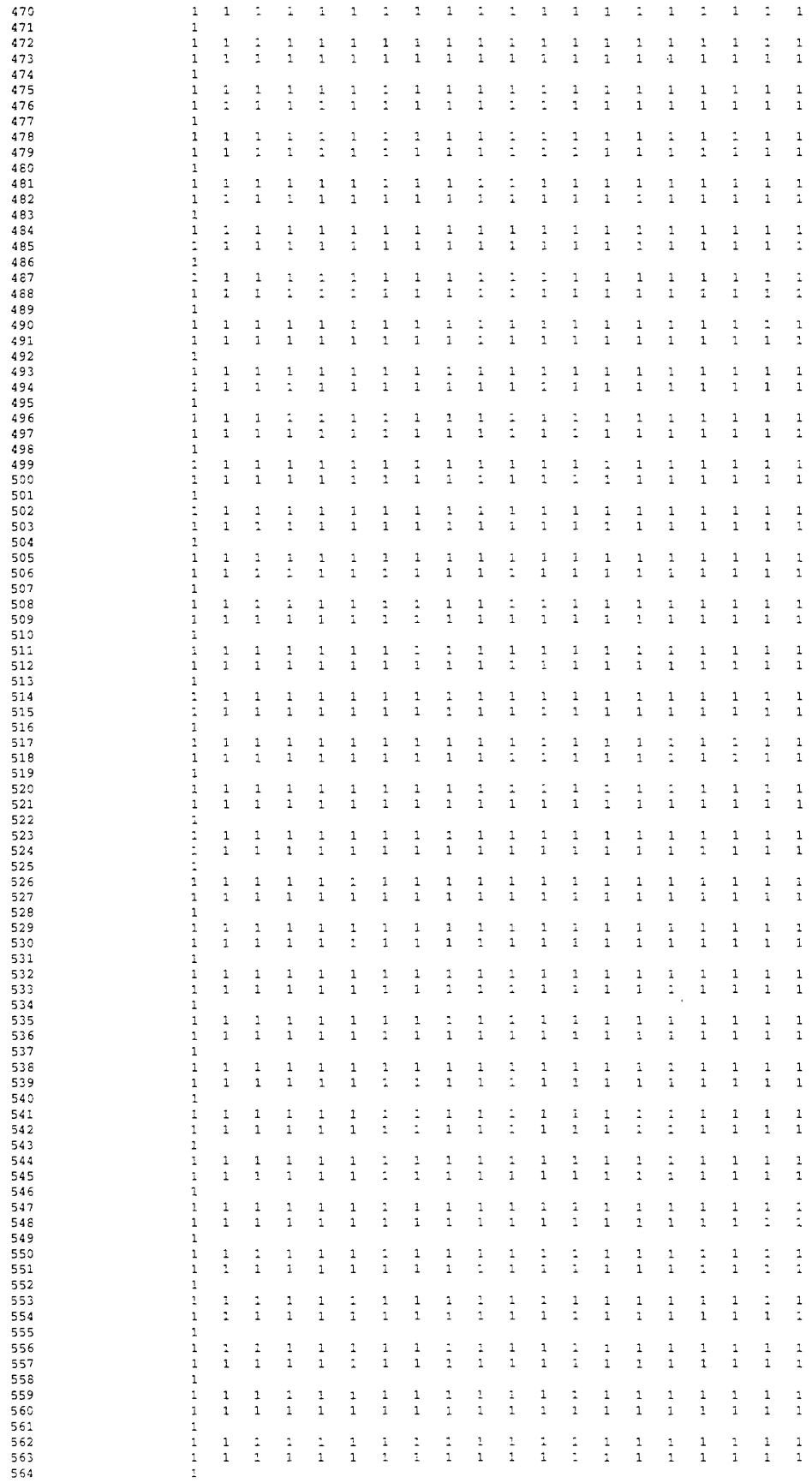
```
FILE: Basic Package
REFERENCE: McDonald and Harbaugh, 1988, Chapter 4, page 9

Project title: Canal Creek Optimization (to 10 ppb total VOC)
W.B.Fleck and F.J.Tenbus
         5        47        41         1         0
 61 65 13 14  0  0 63 64 19  0  0 17  0  0  0  0  0  0  0  0  0  0  0  0
         0         1  IAPART,ISTRT
         5         1 (20I4)                          4  IBOUND layer  1
   0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
   0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
   0
```

```
 90                0
 91               -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1
 92               -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   0   0
 93                0
 94               -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1
 95               -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   0   0
 96                0
 97               -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1
 98               -1  -1  -1  -1  -1  -1   1   1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   0   0
 99                0
100               -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1
101               -1  -1  -1  -1   1   1   1   1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   0   0
102                0
103               -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1
104               -1  -1  -1  -1  -1   1   1   1   1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   0
105                0
106               -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   1  -1  -1  -1  -1
107               -1  -1  -1  -1  -1   1   1   1   1   1  -1  -1  -1  -1  -1  -1  -1  -1  -1   0
108                0
109               -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   1   1   1   1   1  -1
110               -1  -1  -1  -1  -1   1   1   1   1   1  -1  -1  -1   1   1   1  -1  -1  -1  -1
111                0
112               -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   1   1   1   1   1   1   1
113                1   1  -1  -1  -1   1   1   1   1   1  -1  -1  -1   1   1   1  -1  -1  -1  -1
114               -1
115               -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   1   1   1   1   1   1   1   1   1
116                1   1   1  -1  -1   1   1   1   1   1  -1  -1  -1   1   1   1   1  -1  -1  -1
117               -1
118               -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   1   1   1   1   1   1   1   1   1   1
119                1   1  -1  -1  -1   1   1   1   1  -1  -1  -1  -1  -1   1   1   1  -1  -1  -1
120               -1
121               -1  -1  -1  -1  -1  -1  -1  -1   1   1   1   1   1   1   1   1   1   1   1   1
122                1   1  -1  -1  -1   1   1   1   1  -1  -1  -1  -1  -1   1  -1  -1  -1  -1  -1
123               -1
124               -1  -1  -1  -1  -1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
125                1  -1  -1  -1   1   1   1   1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1
126               -1
127               -1  -1  -1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
128                1  -1  -1  -1   1   1   1   1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1
129               -1
130                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
131                1  -1  -1  -1  -1   1   1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1
132                1
133                1   1  -1  -1   1   1   1   1   1   1   1   1   1  -1  -1  -1  -1  -1   1   1
134                1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1
135                1
136                1   1  -1  -1  -1  -1   1   1   1   1   1   1   1  -1  -1  -1  -1  -1  -1  -1
137               -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1
138                1
139                1   1  -1  -1  -1  -1   1   1   1   1   1   1   1   1  -1  -1  -1  -1  -1  -1
140               -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1
141                1
142                1   1   1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1
143               -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1
144                1
145                1   1   1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1
146               -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   1   1   1  -1  -1  -1  -1  -1
147               -1
148                     5          1 (20I4)                                4  IBOUND layer  2
149                0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
150                0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
151                0
152                0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
153                0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
154                0
155                0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
156                0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
157                0
158                0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
159                0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
160                0
161                0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
162                0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
163                0
164                0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
165                0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
166                0
167                0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
168                0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
169                0
170                0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
171                0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
172                0
173                0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
174                0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
175                0
176                0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
177                0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
178                0
179                0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
180                0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
181                0
182                0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
183                0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
184                0
```



```
280                1
281                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
282                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
283                1
284                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
285                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
286                1
287                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
288                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
289                1
290                      5          1 (20I4)                                  4  IBOUND layer  3
291               -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1
292               -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   0   0   0   0   0   0   0   0   0
293                0
294               -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1
295               -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   0   0   0   0   0   0
296                0
297               -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1
298               -1  -1  -1  -1   1   1   1   1   1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   0   0
299                0
300               -1  -1  -1  -1  -1  -1  -1  -1  -1   1   1   1   1   1   1   1   1   1   1   1   1
301                1   1   1   1   1   1  -1   1   1   1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1
302                0
303               -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
304                1   1   1   1   1   1   1   1   1   1   1   1  -1  -1  -1  -1  -1  -1  -1  -1  -1
305               -1
306               -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
307                1   1   1   1   1   1   1   1   1   1   1   1   1  -1  -1  -1  -1  -1  -1  -1  -1
308               -1
309               -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
310                1   1   1   1   1   1   1   1   1   1   1   1   1  -1  -1  -1  -1  -1  -1  -1  -1
311               -1
312               -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
313                1   1   1   1   1   1   1   1   1   1   1   1   1  -1  -1  -1  -1  -1  -1  -1  -1
314               -1
315               -1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
316                1  -1   1   1   1   1   1   1   1   1   1   1   1  -1  -1  -1  -1  -1  -1  -1  -1
317               -1
318               -1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
319                1   1   1   1   1   1   1   1   1   1   1   1   1  -1  -1  -1  -1  -1  -1  -1  -1
320               -1
321               -1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
322                1   1   1   1   1   1   1   1   1   1   1   1   1  -1  -1  -1  -1  -1  -1  -1  -1
323               -1
324               -1  -1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
325                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1  -1  -1  -1  -1
326               -1
327               -1  -1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
328                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1  -1  -1  -1  -1
329               -1
330               -1  -1  -1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1   1
331                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1  -1  -1
332               -1
333               -1  -1  -1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
334                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1  -1  -1  -1
335               -1
336               -1  -1  -1  -1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
337                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1  -1  -1
338               -1
339               -1  -1  -1  -1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
340                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1  -1
341               -1
342               -1  -1  -1  -1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
343                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1  -1
344               -1
345               -1  -1   1   1   1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
346                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1
347               -1
348               -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
349                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1
350               -1
351               -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
352                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1
353               -1
354                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
355                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1
356               -1
357                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
358                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
359               -1
360                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
361                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
362               -1
363                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
364                1   1   1   1   1   1   1   1   1   1   1   1   1  -1   1   1   1   1   1   1   1
365               -1
366                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
367                1   1   1   1   1   1   1   1   1   1   1  -1   1  -1   1   1   1   1   1   1   1
368               -1
369                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
370                1   1   1   1   1   1   1   1   1   1   1  -1  -1   1   1   1   1   1   1   1   1
371               -1
372                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
373                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
374               -1
```

```
 1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
 1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
-1
```



```
565   1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
566   1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
567   1
568   1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
569   1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
570   1
571   1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
572   1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
573   1
574        5          1 (20I4)                          4  IBOUND layer  5
575   1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
576   1  1  1  1  1  1  1  1  1  1  1  1  0  0  0  0  0  0  0  0  0
577   0
578   1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
579   1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  0  0  0  0  0
580   0
581   1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
582   1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  0  0
583   0
584   1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
585   1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
586   0
587   1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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589   1
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715                1
716                 999.00  HNOFLO
717                      5 1.000E+00 (15F8.0)                  -4  EXTERNAL    43  1.000E+00 '(FREE)'    0  SHEAD layer  1
718          -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
719          -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
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721          -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
722          -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
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724          -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
725          -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
726          -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
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728          -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
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754          -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
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756	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00				
757	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00
758	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	24.00	27.00	31.00	-999.00	-999.00	-999.00	-999.00
759	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00				
760	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00
761	-999.00	8.41	9.98	10.92	12.97	18.50	-999.00	-999.00	-999.00	28.00	28.00	-999.00	-999.00	-999.00	-999.00
762	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00				
763	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00
764	6.48	8.66	10.80	12.35	13.89	18.50	18.50	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00
765	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00				
766	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	8.28	8.50	7.27
767	7.96	5.95	6.57	5.03	3.73	18.50	18.50	15.90	17.00	17.50	-999.00	-999.00	-999.00	28.00	-999.00
768	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00				
769	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	4.71	5.52	5.98	6.45	7.10	9.08
770	12.00	7.31	4.49	5.95	7.12	8.06	8.48	8.20	12.00	17.00	19.50	-999.00	-999.00	26.00	-999.00
771	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00				
772	-999.00	-999.00	1.50	1.50	1.50	-999.00	11.20	10.18	7.21	5.95	4.79	6.35	6.89	7.61	9.24
773	18.50	18.50	18.50	18.50	18.50	2.07	12.10	6.65	6.13	7.28	15.00	18.00	18.50	-999.00	-999.00
774	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00				
775	-999.00	1.50	1.50	1.50	1.50	1.50	0.02	9.92	8.94	7.00	5.35	6.53	7.11	7.88	9.46
776	18.50	10.70	11.60	12.60	13.20	13.00	10.30	18.50	18.50	0.51	18.50	17.50	18.50	-999.00	-999.00
777	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00				
778	-999.00	1.50	1.50	1.50	1.50	1.50	17.50	0.13	9.00	7.93	5.59	6.72	7.34	8.16	9.72
779	10.85	11.40	9.56	7.28	3.63	3.54	18.50	18.50	18.50	9.95	11.10	12.20	18.50	18.50	17.50
780	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00				
781	1.50	1.50	1.50	1.50	1.50	1.50	14.50	13.40	14.70	7.97	6.04	6.94	7.50	8.15	9.01
782	10.44	11.17	11.77	12.12	7.87	7.96	8.46	10.10	4.86	8.00	18.50	0.18	18.50	18.50	13.50
783	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00				
784	1.50	1.50	1.50	1.50	1.50	1.50	15.50	10.00	3.30	4.44	6.07	7.26	7.65	8.09	8.63
785	9.36	10.06	11.10	11.71	11.96	18.50	18.50	18.50	18.50	18.50	0.80	11.40	18.50	18.50	13.50
786	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00				
787	1.50	1.50	1.50	1.50	1.50	3.50	7.97	6.71	7.19	8.35	6.06	6.96	7.85	8.05	8.41
788	8.89	9.42	9.89	10.46	11.39	11.29	12.71	12.20	14.50	15.90	16.40	15.60	7.01	17.50	18.50
789	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00				
790	1.50	1.50	1.50	1.50	1.50	21.50	18.50	18.50	18.50	18.50	18.50	7.88	7.59	7.89	8.26
791	8.60	8.83	9.14	9.62	10.88	12.34	13.42	14.27	0.26	8.92	6.67	6.29	18.50	17.50	18.50
792	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00				
793	1.50	1.50	1.50	1.50	1.50	17.50	17.50	6.94	7.88	11.40	14.00	14.40	9.61	10.27	10.47
794	10.65	10.37	10.70	11.69	12.48	13.34	14.04	14.42	7.73	9.31	12.10	2.75	18.50	11.50	18.50
795	-999.00	-999.00	-999.00	-999.00	21.50	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00				
796	1.50	1.50	1.50	1.50	0.50	7.50	13.50	18.50	16.50	1.42	0.45	8.78	8.28	11.31	11.59
797	12.07	12.13	12.27	12.68	13.26	13.84	14.23	6.07	18.50	18.50	18.50	18.50	16.50	1.50	17.50
798	-999.00	-999.00	-999.00	11.50	18.50	18.50	-999.00	-999.00	-999.00	-999.00	-999.00				
799	1.50	1.50	1.50	1.50	0.50	3.50	6.50	10.50	13.50	16.50	11.60	10.40	9.82	11.90	6.81
800	12.89	12.88	12.94	18.50	17.50	0.60	10.40	9.91	9.55	18.50	18.50	7.11	10.30	2.50	4.50
801	1.50	1.50	5.50	18.50	18.50	18.50	18.50	-999.00	-999.00	-999.00	-999.00				
802	1.50	1.50	1.50	1.50	1.50	4.50	6.50	9.50	11.50	11.90	12.00	10.90	3.73	18.50	18.50
803	18.50	18.50	18.50	18.50	18.50	4.17	12.30	12.30	10.30	0.33	18.50	0.41	18.50	18.50	1.50
804	1.50	1.50	6.50	19.50	18.50	17.50	18.50	11.50	-999.00	-999.00	-999.00				
805	1.50	1.50	1.50	0.50	3.50	5.50	8.50	10.50	13.50	11.00	18.50	8.28	12.00	11.50	11.10
806	18.50	18.50	6.16	9.31	8.88	8.33	7.65	6.34	0.49	18.50	17.50	18.50	17.50	18.50	1.50
807	1.50	1.50	6.50	18.50	18.50	18.50	18.50	5.50	-999.00	-999.00	-999.00				
808	1.50	1.50	1.50	0.50	4.50	7.50	9.50	11.50	13.50	16.50	18.50	18.50	18.50	0.87	6.09
809	13.80	2.04	18.50	18.50	0.39	17.50	15.50	14.50	13.70	13.50	12.80	8.91	10.10	17.50	1.50
810	1.50	1.50	3.50	10.50	15.50	18.50	18.50	1.50	-999.00	-999.00	-999.00				
811	1.50	1.50	1.50	0.50	4.50	8.50	11.50	13.50	15.50	17.50	1.35	1.65	3.02	4.20	2.60
812	1.07	18.50	12.50	11.50	0.03	17.50	16.50	4.50	1.50	3.12	4.12	7.34	9.66	18.50	18.50
813	1.50	1.50	1.50	1.50	16.50	17.50	18.50	1.50	-999.00	-999.00	-999.00				
814	1.50	1.50	1.50	0.50	4.50	8.50	11.50	14.50	17.50	18.50	18.50	18.50	18.50	1.37	18.50
815	11.80	15.70	15.00	13.90	4.50	10.50	16.50	0.64	1.50	1.50	3.78	6.53	9.21	9.75	19.50
816	1.50	1.50	1.50	1.50	17.50	14.50	18.50	1.50	1.50	-999.00	-999.00				
817	1.50	2.50	1.50	0.50	4.50	8.50	11.50	14.50	17.50	17.50	18.50	18.00	18.00	0.01	18.50
818	17.40	13.50	4.50	0.50	1.50	3.50	11.50	11.50	1.50	1.50	3.43	6.55	9.02	9.03	6.13
819	1.50	1.50	1.50	2.50	17.50	11.50	18.50	1.50	1.50	-999.00	-999.00				
820	3.50	10.50	1.50	0.50	3.50	8.50	12.50	15.50	18.50	18.50	18.50	0.04	16.00	18.50	17.54
821	17.00	15.93	14.94	13.93	0.44	1.50	1.50	0.25	1.50	1.50	3.32	6.29	8.57	8.50	5.75
822	1.50	1.50	1.50	4.10	7.55	6.63	18.50	1.50	1.50	1.50	-999.00				
823	6.50	17.50	1.50	1.50	4.50	10.50	13.50	17.50	18.50	18.50	18.50	18.50	2.66	17.92	17.50
824	16.72	15.71	14.46	12.53	9.58	7.28	5.13	1.50	1.50	1.50	3.21	6.11	8.00	7.47	4.45
825	1.50	1.50	1.50	3.64	6.79	5.99	12.50	1.50	1.50	1.50	1.50				
826	8.50	18.50	7.50	3.50	6.50	11.50	15.50	16.50	18.50	18.50	18.50	18.37	18.13	17.79	17.24
827	16.39	15.42	13.92	11.96	9.52	7.07	5.03	2.54	1.50	1.50	3.10	5.82	7.33	6.08	3.08
828	1.50	1.50	1.50	2.78	5.50	4.86	3.36	1.50	1.50	1.50	1.50				
829	10.50	18.50	12.50	9.50	8.50	13.50	17.50	18.50	18.50	18.50	18.26	18.17	17.84	17.34	16.69
830	15.91	14.96	13.42	11.57	8.99	6.41	4.17	1.50	1.50	1.50	3.04	5.31	6.43	4.50	1.50
831	1.50	1.50	1.50	1.50	4.16	3.39	2.63	1.50	1.50	1.50	1.50				
832	13.50	18.50	18.50	15.50	14.50	15.50	18.50	18.50	17.57	17.69	17.81	17.65	17.24	16.62	15.75
833	15.18	14.09	12.58	10.89	8.21	5.46	3.28	1.50	1.50	1.50	3.01	4.82	5.41	2.98	1.50
834	1.50	1.50	1.50	1.50	2.85	1.50	1.50	1.50	1.50	1.50	1.50				
835	15.50	18.50	18.50	18.50	17.50	17.50	15.76	16.24	16.68	17.10	17.08	16.78	16.22	15.50	14.89
836	13.95	12.78	11.55	9.87	7.37	4.43	1.50	1.50	1.50	2.19	3.13	4.48	4.61	1.50	1.50
837	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50				
838	18.50	18.50	18.50	17.50	11.18	12.79	14.30	15.19	15.74	15.90	15.69	15.12	14.26	13.21	12.17
839	11.17	10.33	9.24	8.02	6.12	3.64	1.50	1.50	1.50	2.24	2.97	3.92	3.93	1.50	1.50
840	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50				
841	21.72	15.29	5.45	5.18	7.74	9.94	11.80	12.98	13.60	13.69	13.13	11.80	9.97	8.12	7.11
842	6.62	5.93	5.41	5.30	4.35	2.76	1.50	1.50	1.50	1.50	2.18	2.51	1.50	1.50	1.50
843	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	10.15				
844	21.75	14.81	1.50	1.50	4.26	5.83	7.88	9.62	10.62	10.76	9.67	7.46	4.92	1.50	1.50
845	1.50	1.50	1.50	2.44	2.44	2.04	1.12	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
846	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	9.99				
847	21.91	14.89	1.50	1.50	1.50	1.50	4.03	5.82	7.10	7.51	6.75	5.39	3.78	1.50	1.50
848	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
849	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	9.55				

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850          22.29   15.66    1.50    1.50    1.50    1.50    2.99    3.97    4.50    4.68    4.55    4.14    3.45    2.52    1.50
851           1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50
852           1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    6.69
853          23.13   18.69    9.72    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50
854           1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50
855           1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    6.61
856          23.25   18.02    8.84    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50
857           1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50    1.50
858           1.50    1.50    3.63    4.64    4.20    1.50    1.50    1.50    1.50    1.50    1.50
859                5 1.0000E+00 (15F8.0)                          -4                    layer 2 init heads
860 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
861 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
862 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
863 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
864 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
865 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
866 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
867 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
868 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
869 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
870 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
871 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
872 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
873 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
874 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
875 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
876 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
877 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
878 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
879 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
880 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
881 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
882 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
883 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
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885 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
886 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
887 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
888 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
889 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
890 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
891 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
892 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
893 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
894 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
895 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
896 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
897 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 33.00 -999.00 -999.00 -999.00 -999.00
898 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
899 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
900 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 24.00 27.00 31.00 -999.00 -999.00 -999.00 -999.00
901 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
902 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
903 -999.00 8.41 9.98 10.92 12.97 16.50 -999.00 -999.00 -999.00 28.00 28.00 -999.00 -999.00 -999.00 -999.00
904 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
905 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
906 6.48 8.66 10.80 12.35 13.89 16.50 18.50 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
907 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
908 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 8.28 8.50 7.27
909 7.96 5.95 6.57 5.03 3.73 18.50 18.50 15.90 17.00 17.50 -999.00 -999.00 -999.00 26.00 -999.00
910 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
911 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 4.71 5.52 5.98 6.45 7.10 9.08
912 12.00 7.31 4.49 5.95 7.12 8.06 8.48 8.20 12.00 17.00 19.50 -999.00 -999.00 26.00 -999.00
913 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
914 -999.00 -999.00 1.50 1.50 1.50 -999.00 11.20 10.18 7.21 5.95 4.79 6.35 6.89 7.61 9.24
915 18.50 18.50 18.50 18.50 18.50 2.07 12.10 6.65 6.13 7.28 15.00 18.00 18.50 -999.00 -999.00
916 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
917 -999.00 1.50 1.50 1.50 1.50 1.50 0.02 9.92 8.94 7.00 5.35 6.53 7.11 7.88 9.46
918 18.50 10.70 11.60 12.60 13.20 13.00 10.30 18.50 18.50 0.51 18.50 17.50 18.50 -999.00 -999.00
919 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
920 -999.00 1.50 1.50 1.50 1.50 1.50 17.50 0.13 9.00 7.93 5.59 6.72 7.34 8.16 9.72
921 10.85 11.40 9.56 7.28 3.63 3.54 18.50 18.50 18.50 9.95 11.10 12.20 18.50 18.50 17.50
922 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
923 1.50 1.50 1.50 1.50 1.50 1.50 14.50 13.40 14.70 7.97 6.04 6.94 7.50 8.15 9.01
924 10.44 11.17 11.77 12.12 7.87 7.96 8.46 10.10 4.86 8.00 18.50 0.18 18.50 18.50 13.50
925 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
926 1.50 1.50 1.50 1.50 1.50 1.50 15.50 10.00 3.30 4.44 6.07 7.26 7.65 8.09 8.63
927 9.36 10.06 11.10 11.71 11.96 18.50 18.50 18.50 18.50 18.50 0.80 11.40 18.50 18.50 13.50
928 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
929 1.50 1.50 1.50 1.50 1.50 3.50 7.97 6.71 7.19 8.35 6.06 6.96 7.85 8.05 8.41
930 8.89 9.42 9.89 10.46 11.39 11.29 12.71 12.20 14.50 15.90 16.40 15.60 7.01 17.50 18.50
931 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
932 1.50 1.50 1.50 1.50 1.50 21.50 18.50 18.50 18.50 18.50 18.50 7.88 7.59 7.89 8.26
933 8.60 8.83 9.14 9.62 10.88 12.34 13.42 14.27 0.26 8.92 6.67 6.29 18.50 17.50 18.50
934 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
935 1.50 1.50 1.50 1.50 1.50 17.50 17.50 6.94 7.88 11.40 14.00 14.40 9.61 10.27 10.47
936 10.65 10.37 10.70 11.69 12.48 13.34 14.04 14.42 7.73 9.31 12.10 2.75 18.50 11.50 18.50
937 -999.00 -999.00 -999.00 -999.00 21.50 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
938 1.50 1.50 1.50 1.50 0.50 7.50 13.50 18.50 16.50 1.42 0.45 8.78 8.28 11.31 11.59
939 12.07 12.13 12.27 12.68 13.26 13.84 14.23 6.07 18.50 18.50 18.50 18.50 16.50 1.50 17.50
940 -999.00 -999.00 -999.00 11.50 18.50 18.50 -999.00 -999.00 -999.00 -999.00 -999.00 -999.00
941 1.50 1.50 1.50 1.50 0.50 3.50 6.50 10.50 13.50 16.50 11.60 10.40 9.82 11.90 6.81
942 12.89 12.86 12.94 18.50 17.50 0.60 10.40 9.91 9.55 18.50 18.50 7.11 10.30 2.50 4.50
943 1.50 1.50 5.50 18.50 18.50 18.50 18.50 -999.00 -999.00 -999.00 -999.00
944 1.50 1.50 1.50 1.50 1.50 4.50 6.50 9.50 11.50 11.90 12.00 10.90 3.73 18.50 18.50
```

945	18.50	18.50	18.50	18.50	18.50	4.17	12.30	12.30	10.30	0.33	18.50	0.41	18.50	18.50	1.50
946	1.50	1.50	6.50	19.50	18.50	17.50	18.50	11.50	-999.00	-999.00	-999.00				
947	1.50	1.50	1.50	0.50	3.50	5.50	8.50	10.50	13.50	11.00	18.50	8.28	12.00	11.50	11.10
948	18.50	18.50	6.16	9.31	8.88	8.33	7.65	6.34	0.49	18.50	17.50	18.50	17.50	18.50	1.50
949	1.50	1.50	6.50	18.50	18.50	18.50	18.50	5.50	-999.00	-999.00	-999.00				
950	1.50	1.50	1.50	0.50	4.50	7.50	9.50	11.50	13.50	16.50	18.50	18.50	18.50	0.87	6.09
951	13.80	2.04	18.50	18.50	0.39	17.50	15.50	14.50	13.70	13.50	12.80	8.91	10.10	17.50	1.50
952	1.50	1.50	3.50	10.50	15.50	18.50	18.50	1.50	-999.00	-999.00	-999.00				
953	1.50	1.50	1.50	0.50	4.50	8.50	11.50	13.50	15.50	17.50	1.35	1.65	3.02	4.20	2.60
954	1.07	18.50	12.50	11.50	0.03	17.50	16.50	4.50	1.50	3.12	4.12	7.34	9.66	18.50	18.50
955	1.50	1.50	1.50	1.50	16.50	17.50	18.50	1.50	-999.00	-999.00	-999.00				
956	1.50	1.50	1.50	0.50	4.50	8.50	11.50	14.50	17.50	18.50	18.50	18.50	18.50	1.37	18.50
957	11.80	15.70	15.00	13.90	4.50	10.50	16.50	0.64	1.50	1.50	3.78	6.53	9.21	9.75	19.50
958	1.50	1.50	1.50	1.50	17.50	14.50	18.50	1.50	1.50	-999.00	-999.00				
959	1.50	2.50	1.50	0.50	4.50	8.50	11.50	14.50	17.50	17.50	18.50	18.00	18.00	0.01	18.50
960	17.40	13.50	4.50	0.50	1.50	3.50	11.50	11.50	1.50	1.50	3.43	6.55	9.02	9.03	6.13
961	1.50	1.50	1.50	2.50	17.50	11.50	18.50	1.50	1.50	-999.00	-999.00				
962	3.50	10.50	1.50	0.50	3.50	8.50	12.50	15.50	18.50	18.50	18.50	0.04	16.00	18.50	17.54
963	17.00	15.93	14.94	13.93	0.44	1.50	1.50	0.25	1.50	1.50	3.32	6.29	8.57	8.50	5.75
964	1.50	1.50	1.50	4.10	7.55	6.63	18.50	1.50	1.50	1.50	-999.00				
965	6.50	17.50	1.50	1.50	4.50	10.50	13.50	17.50	18.50	18.50	18.50	18.50	2.66	17.92	17.50
966	16.72	15.71	14.46	12.53	9.58	7.28	5.13	1.50	1.50	1.50	3.21	6.11	8.00	7.47	4.45
967	1.50	1.50	1.50	3.64	6.79	5.99	12.50	1.50	1.50	1.50	1.50				
968	8.50	18.50	7.50	3.50	6.50	11.50	15.50	18.50	18.50	18.50	18.50	18.37	18.13	17.79	17.24
969	16.39	15.42	13.92	11.96	9.52	7.07	5.03	2.54	1.50	1.50	3.10	5.82	7.33	6.08	3.08
970	1.50	1.50	1.50	2.78	5.50	4.86	3.36	1.50	1.50	1.50	1.50				
971	10.50	18.50	12.50	9.50	8.50	13.50	17.50	18.50	18.50	18.50	18.26	18.17	17.84	17.34	16.69
972	15.91	14.96	13.42	11.57	8.99	6.41	4.17	1.50	1.50	1.50	3.04	5.31	6.43	4.50	1.50
973	1.50	1.50	1.50	1.50	4.16	3.39	2.63	1.50	1.50	1.50	1.50				
974	13.50	18.50	18.50	15.50	14.50	15.50	18.50	18.50	17.57	17.69	17.81	17.65	17.24	16.62	15.75
975	15.18	14.09	12.58	10.89	8.21	5.46	3.28	1.50	1.50	1.50	3.01	4.82	5.41	2.98	1.50
976	1.50	1.50	1.50	1.50	2.85	1.50	1.50	1.50	1.50	1.50	1.50				
977	15.50	18.50	18.50	18.50	17.50	17.50	15.76	16.24	16.88	17.10	17.08	16.78	16.22	15.50	14.89
978	13.95	12.78	11.55	9.87	7.37	4.43	1.50	1.50	1.50	2.19	3.13	4.48	4.61	1.50	1.50
979	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50				
980	18.50	18.50	18.50	17.50	11.18	12.79	14.30	15.19	15.74	15.90	15.69	15.12	14.26	13.21	12.17
981	11.17	10.33	9.24	8.02	6.12	3.64	1.50	1.50	1.50	2.24	2.97	3.92	3.93	1.50	1.50
982	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50				
983	21.72	15.29	5.45	5.18	7.74	9.94	11.80	12.98	13.60	13.69	13.13	11.80	9.97	8.12	7.11
984	6.62	5.93	5.41	5.30	4.35	2.76	1.50	1.50	1.50	1.50	2.18	2.51	1.50	1.50	1.50
985	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	10.15				
986	21.75	14.81	1.50	1.50	4.26	5.83	7.88	9.62	10.62	10.76	9.67	7.46	4.92	1.50	1.50
987	1.50	1.50	1.50	2.44	2.44	2.04	1.12	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
988	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	9.99				
989	21.91	14.89	1.50	1.50	1.50	1.50	4.03	5.82	7.10	7.51	6.75	5.39	3.78	1.50	1.50
990	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
991	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	9.55				
992	22.29	15.66	1.50	1.50	1.50	1.50	2.99	3.97	4.50	4.68	4.55	4.14	3.45	2.52	1.50
993	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
994	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	8.69				
995	23.13	18.69	9.72	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
996	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
997	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	6.61				
998	23.25	18.02	8.84	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
999	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1000	1.50	1.50	3.63	4.64	4.20	1.50	1.50	1.50	1.50	1.50	1.50				
1001	5 1.000E+00 (15F8.0)					-4			layer 3 init heads						
1002	3.00	3.00	3.00	3.00	3.00	1.00	6.00	5.00	11.00	14.00	35.00	69.00	80.00	74.00	63.00
1003	67.00	71.00	64.00	56.00	71.00	66.00	38.50	60.00	79.00	80.00	100.00	98.00	97.00	98.00	98.00
1004	77.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00				
1005	3.00	1.50	3.00	1.50	11.00	13.00	32.00	88.00	90.00	64.00	49.00	15.00	22.00	84.00	120.00
1006	109.00	86.00	78.00	78.00	81.00	90.00	107.00	136.00	169.00	183.00	180.00	178.00	148.00	99.00	59.50
1007	83.00	42.50	82.00	62.50	33.50	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00				
1008	3.00	2.00	16.00	15.00	18.00	19.00	17.00	16.00	24.00	35.00	48.00	56.00	59.00	72.00	87.00
1009	57.00	45.00	69.00	82.00	86.00	86.00	80.00	90.00	98.00	123.14	124.28	125.76	126.08	131.84	141.00
1010	77.00	98.00	79.00	30.50	18.50	23.50	41.50	83.00	-999.00	-999.00	-999.00				
1011	1.50	33.00	100.00	89.00	69.00	74.00	93.00	87.30	88.10	88.50	88.60	89.65	90.76	91.67	91.98
1012	91.72	91.31	91.07	91.54	92.03	93.99	97.32	101.51	104.28	105.85	105.35	102.00	113.57	118.38	122.69
1013	76.50	58.00	53.00	49.00	18.50	18.50	29.50	79.00	17.50	74.00	-999.00				
1014	1.50	28.85	52.81	55.68	55.87	55.51	56.20	58.01	59.22	61.86	63.96	66.15	69.40	71.99	72.32
1015	72.32	71.86	71.86	71.47	71.42	72.49	75.10	81.58	89.53	94.23	96.48	99.30	102.89	108.63	111.05
1016	107.85	66.50	42.00	17.50	19.50	20.50	21.50	63.00	67.00	24.50	98.00				
1017	1.50	23.28	38.06	38.09	35.68	34.78	34.77	35.26	35.94	36.61	38.61	42.18	45.32	47.79	49.85
1018	51.13	51.80	52.67	53.90	56.14	57.34	58.45	61.43	67.18	75.34	82.54	88.80	93.76	99.07	104.44
1019	104.12	102.49	60.00	79.00	20.50	17.50	18.50	32.00	36.00	72.00	98.00				
1020	1.50	14.74	26.12	27.83	26.49	26.01	25.88	25.87	26.19	26.73	27.43	28.26	30.33	33.25	36.43
1021	39.50	42.12	43.74	45.18	46.21	47.63	49.22	50.66	53.12	57.07	61.64	71.10	82.04	88.44	95.10
1022	97.80	97.10	98.00	65.00	15.50	18.00	20.00	19.00	17.00	77.00	98.00				
1023	1.50	6.98	11.66	14.30	16.62	18.89	20.60	21.67	22.59	23.41	24.32	25.51	26.61	27.71	30.24
1024	33.62	36.63	39.12	41.38	42.94	43.78	45.13	47.37	50.60	54.34	58.60	64.75	72.19	77.67	83.06
1025	86.43	86.99	83.83	72.00	17.00	19.50	17.00	4.50	61.00	19.00	79.00				
1026	1.50	1.50	7.13	10.28	12.59	14.68	16.36	17.75	18.96	19.91	20.54	21.93	23.37	24.53	25.63
1027	27.22	29.06	30.97	32.86	34.65	36.23	38.00	37.76	40.15	44.45	48.56	53.51	61.50	67.37	73.16
1028	76.85	77.90	77.02	58.00	17.00	17.50	12.50	1.50	1.50	1.50	56.00				
1029	1.50	1.50	4.55	7.21	9.49	11.20	12.61	13.93	15.11	16.23	16.93	17.67	18.64	19.57	20.54
1030	21.51	22.35	22.80	23.88	24.87	26.03	27.87	28.65	29.49	33.45	39.39	44.71	52.60	59.84	65.52
1031	69.35	70.94	70.92	42.00	18.00	1.50	1.50	1.50	1.50	1.50	47.00				
1032	1.50	1.50	3.05	5.15	7.16	8.62	9.74	10.88	11.96	12.95	13.64	13.89	14.41	15.02	15.98
1033	16.66	16.98	16.50	17.18	18.82	20.75	22.13	23.18	24.18	25.92	30.47	38.65	46.07	52.94	58.07
1034	61.76	63.82	64.94	15.00	18.00	1.50	1.50	1.50	1.50	1.50	88.00				
1035	1.50	1.50	1.50	3.82	5.62	6.93	7.91	8.63	9.76	10.59	11.17	11.33	11.65	11.93	12.46
1036	12.96	13.54	14.22	15.04	16.66	18.59	20.21	21.42	22.54	23.91	26.32	32.52	39.69	46.37	51.43
1037	55.46	58.61	60.84	51.74	45.65	19.50	1.50	1.50	1.50	1.50	92.00				
1038	1.50	1.50	1.50	2.68	4.18	5.31	6.14	6.99	7.96	8.70	9.23	9.52	9.75	9.90	9.93
1039	10.21	10.77	11.59	12.35	14.49	16.67	18.60	20.01	21.14	22.47	24.62	28.88	33.75	39.08	44.10

1040	48.16	52.71	55.04	48.68	43.28	19.50	1.50	1.50	1.50	1.50	100.00				
1041	1.50	1.50	1.50	1.50	3.09	3.88	4.53	5.21	6.36	7.19	7.70	7.91	8.00	8.06	8.09
1042	8.43	9.03	9.48	8.29	12.81	15.32	17.17	18.56	19.52	20.84	22.80	26.00	29.47	32.82	36.62
1043	39.28	45.77	48.49	46.98	42.49	27.39	18.00	9.00	3.00	1.50	100.00				
1044	1.50	1.50	1.50	1.50	2.34	3.24	3.91	4.41	5.27	5.99	6.42	6.59	6.60	6.41	6.12
1045	6.55	7.86	9.00	10.07	12.49	14.47	16.13	17.43	18.30	19.06	20.64	23.46	26.18	28.35	29.93
1046	31.64	38.50	42.31	44.03	41.44	32.38	17.00	18.00	13.00	1.50	101.00				
1047	1.50	1.50	1.50	1.50	1.50	2.73	3.40	4.02	4.49	5.19	5.50	5.68	5.59	5.08	3.67
1048	4.01	6.60	8.34	10.02	12.02	13.76	15.25	16.47	17.38	18.13	19.06	21.18	23.48	25.08	25.60
1049	27.25	32.08	36.38	39.69	39.42	35.54	39.88	17.00	31.00	1.50	88.00				
1050	1.50	1.50	1.50	1.50	1.50	2.46	3.07	3.73	4.19	4.78	5.21	5.40	5.34	4.82	3.36
1051	3.57	6.06	7.82	9.61	11.37	12.87	14.16	15.29	16.24	17.15	18.00	19.15	21.14	22.59	23.78
1052	24.65	26.29	30.56	35.19	36.78	35.88	39.13	38.62	33.00	1.50	43.00				
1053	1.50	1.50	1.50	1.50	1.50	2.22	2.85	3.61	4.26	4.65	5.07	5.30	5.40	5.26	4.88
1054	5.16	6.33	7.78	9.34	10.75	12.00	13.10	14.01	14.77	15.56	16.63	17.52	18.95	20.36	22.09
1055	22.72	22.51	24.54	30.55	33.69	34.80	37.53	37.55	32.00	1.50	1.50				
1056	1.50	1.50	1.76	1.83	1.82	1.50	2.78	3.63	4.33	4.73	5.04	5.36	5.56	5.66	5.67
1057	5.97	6.77	7.89	9.12	10.27	11.25	12.14	12.88	13.47	13.89	14.61	15.68	16.89	18.08	20.09
1058	20.47	20.71	20.54	26.12	30.19	32.75	35.44	35.65	28.20	1.50	1.50				
1059	1.50	1.76	2.03	2.18	2.29	2.49	3.12	3.78	4.33	4.76	5.11	5.47	5.76	6.01	6.18
1060	6.51	7.10	7.95	8.92	9.81	10.58	11.26	11.83	12.40	12.77	13.11	13.73	14.97	16.04	17.30
1061	16.28	18.39	18.80	22.45	26.45	30.04	32.90	33.25	26.84	1.50	1.50				
1062	1.50	2.01	2.31	2.52	2.71	3.02	3.46	3.94	4.39	4.80	5.20	5.60	5.97	6.30	6.55
1063	6.88	7.36	7.99	8.72	9.40	9.96	10.46	10.92	11.39	11.76	12.01	12.36	13.14	14.04	14.00
1064	11.92	14.72	14.39	19.08	22.70	27.05	29.91	30.38	24.53	1.50	1.50				
1065	1.87	2.27	2.57	2.82	3.06	3.40	3.72	4.10	4.47	4.87	5.29	5.73	6.15	6.54	6.89
1066	7.18	7.58	8.05	8.56	9.04	9.44	9.79	10.11	10.43	10.74	10.95	11.08	11.36	11.70	11.35
1067	9.89	10.78	9.51	15.64	19.98	23.84	26.54	27.17	21.66	1.50	1.50				
1068	2.21	2.52	2.81	3.09	3.36	3.66	3.94	4.24	4.57	4.95	5.35	5.80	6.27	6.67	7.06
1069	7.43	7.80	8.08	8.43	8.74	9.00	9.22	9.42	9.60	9.75	9.87	9.92	9.67	9.73	9.09
1070	8.01	7.51	7.43	12.38	17.51	20.68	23.09	23.64	18.62	4.38	1.50				
1071	2.51	2.75	3.06	3.33	3.61	3.88	4.12	4.37	4.68	5.02	5.42	5.86	6.28	6.68	7.08
1072	7.46	7.80	8.10	8.33	8.42	8.57	8.70	8.79	8.85	8.88	8.90	8.82	8.41	8.14	7.17
1073	6.22	5.30	5.52	9.40	14.01	17.49	19.62	19.97	15.68	5.69	1.50				
1074	2.74	2.95	3.27	3.55	3.83	4.04	4.26	4.50	4.78	5.10	5.47	5.88	6.26	6.61	6.98
1075	7.33	7.66	7.92	8.07	8.11	8.16	8.26	8.30	8.30	8.28	8.22	8.08	7.74	7.13	5.95
1076	4.80	4.35	3.00	7.70	11.69	15.09	16.92	17.08	13.23	6.21	1.50				
1077	2.94	3.13	3.44	3.73	3.95	4.17	4.38	4.61	4.87	5.17	5.51	5.86	6.21	6.53	6.82
1078	7.12	7.48	7.70	7.75	7.81	7.87	7.92	7.93	7.91	7.86	7.78	7.61	7.25	6.57	5.40
1079	3.00	3.69	3.00	7.33	10.79	13.72	15.29	15.29	11.56	6.03	1.50				
1080	3.12	3.30	3.60	3.85	4.07	4.28	4.49	4.71	4.96	5.24	5.54	5.84	6.14	6.43	6.68
1081	6.91	7.14	7.32	7.42	7.50	7.57	7.60	7.61	7.58	7.51	7.41	7.23	6.87	6.25	5.19
1082	3.00	3.00	3.77	6.95	9.97	12.44	13.80	13.63	9.86	5.53	1.50				
1083	3.30	3.47	3.75	3.98	4.19	4.39	4.58	4.80	5.04	5.29	5.55	5.82	6.08	6.33	6.55
1084	6.74	6.90	7.04	7.14	7.22	7.28	7.32	7.32	7.29	7.22	7.11	6.94	6.61	6.08	5.18
1085	3.82	3.71	4.22	6.63	9.25	11.34	12.40	12.07	8.11	4.79	1.50				
1086	3.47	3.64	3.88	4.09	4.29	4.48	4.66	4.87	5.10	5.32	5.56	5.79	6.02	6.24	6.44
1087	6.60	6.74	6.84	6.92	6.99	7.05	7.08	7.08	7.04	6.98	6.88	6.72	6.42	5.98	5.26
1088	4.36	4.23	4.64	6.43	8.61	10.37	11.21	10.59	6.28	4.03	1.50				
1089	3.63	3.78	4.01	4.20	4.39	4.56	4.73	4.93	5.14	5.35	5.55	5.76	5.97	6.16	6.34
1090	6.49	6.60	6.69	6.76	6.81	6.85	6.88	6.87	6.84	6.79	6.70	6.55	6.30	5.93	5.36
1091	4.74	4.65	4.99	6.30	8.05	9.51	10.14	9.28	4.35	3.36	1.50				
1092	3.78	3.92	4.12	4.30	4.47	4.64	4.80	4.98	5.16	5.36	5.54	5.73	5.91	6.09	6.25
1093	6.39	6.49	6.57	6.62	6.67	6.70	6.71	6.71	6.68	6.63	6.55	6.42	6.21	5.91	5.47
1094	5.03	4.96	5.27	6.21	7.57	8.73	9.19	8.11	2.84	2.69	1.50				
1095	3.92	4.04	4.23	4.39	4.56	4.72	4.87	5.02	5.18	5.36	5.53	5.69	5.85	6.01	6.16
1096	6.29	6.39	6.46	6.51	6.54	6.57	6.58	6.58	6.55	6.51	6.44	6.33	6.16	5.92	5.57
1097	5.25	5.20	5.47	6.16	7.17	8.06	8.35	7.18	1.50	2.13	1.50				
1098	4.04	4.15	4.32	4.48	4.64	4.79	4.92	5.06	5.20	5.35	5.51	5.66	5.80	5.94	6.08
1099	6.20	6.30	6.37	6.41	6.44	6.46	6.47	6.47	6.45	6.41	6.35	6.26	6.12	5.93	5.66
1100	5.43	5.40	5.61	6.12	6.84	7.49	7.64	6.46	2.06	1.50	1.50				
1101	4.15	4.25	4.42	4.57	4.71	4.85	4.97	5.09	5.22	5.35	5.49	5.63	5.76	5.88	6.00
1102	6.11	6.21	6.28	6.33	6.36	6.38	6.39	6.39	6.37	6.33	6.28	6.20	6.09	5.95	5.74
1103	5.57	5.56	5.72	6.10	6.60	7.01	7.04	5.92	2.49	1.50	1.50				
1104	4.26	4.35	4.51	4.65	4.78	4.90	5.01	5.12	5.23	5.35	5.48	5.60	5.72	5.83	5.94
1105	6.04	6.13	6.20	6.25	6.28	6.30	6.31	6.31	6.30	6.27	6.22	6.16	6.08	5.97	5.81
1106	5.69	5.68	5.80	6.07	6.44	6.66	6.55	5.57	2.85	1.87	1.50				
1107	4.36	4.45	4.59	4.72	4.84	4.95	5.05	5.14	5.25	5.36	5.47	5.58	5.69	5.79	5.89
1108	5.98	6.06	6.12	6.17	6.20	6.22	6.24	6.24	6.24	6.22	6.18	6.13	6.06	5.98	5.87
1109	5.79	5.78	5.85	6.05	6.31	6.43	6.23	5.37	3.15	2.18	1.80				
1110	4.45	4.53	4.67	4.79	4.89	4.99	5.08	5.17	5.26	5.36	5.46	5.56	5.66	5.76	5.84
1111	5.92	5.99	6.05	6.09	6.13	6.15	6.16	6.18	6.18	6.17	6.14	6.10	6.05	5.99	5.91
1112	5.84	5.83	5.89	6.02	6.20	6.25	6.02	5.22	3.39	2.45	2.04				
1113	4.54	4.61	4.74	4.84	4.94	5.03	5.11	5.19	5.28	5.37	5.46	5.55	5.64	5.73	5.80
1114	5.87	5.93	5.98	6.03	6.06	6.08	6.10	6.11	6.12	6.12	6.10	6.07	6.04	5.99	5.94
1115	5.87	5.87	5.90	5.99	6.10	6.10	5.85	5.12	3.59	2.68	2.27				
1116	4.62	4.69	4.80	4.90	4.99	5.07	5.14	5.22	5.29	5.37	5.45	5.54	5.62	5.70	5.77
1117	5.83	5.89	5.93	5.97	6.00	6.03	6.04	6.06	6.07	6.07	6.06	6.04	6.02	5.98	5.94
1118	5.89	5.87	5.90	5.96	6.01	5.97	5.71	5.04	3.75	2.89	2.49				
1119	4.69	4.75	4.85	4.94	5.03	5.10	5.17	5.24	5.31	5.38	5.45	5.53	5.60	5.67	5.74
1120	5.80	5.85	5.89	5.92	5.95	5.98	6.00	6.01	6.02	6.02	6.02	6.01	5.99	5.96	5.93
1121	5.89	5.87	5.88	5.91	5.93	5.86	5.60	4.99	3.88	3.09	2.70				
1122	4.77	4.83	4.92	5.00	5.08	5.14	5.20	5.26	5.33	5.39	5.46	5.52	5.58	5.65	5.70
1123	5.76	5.81	5.84	5.88	5.90	5.93	5.94	5.96	5.97	5.97	5.97	5.97	5.95	5.93	5.91
1124	5.88	5.86	5.86	5.86	5.84	5.74	5.49	4.93	4.01	3.31	2.94				
1125	4.86	4.91	4.99	5.06	5.13	5.19	5.24	5.29	5.35	5.40	5.46	5.51	5.57	5.62	5.67
1126	5.72	5.76	5.79	5.82	5.85	5.87	5.89	5.90	5.91	5.92	5.92	5.92	5.91	5.90	5.88
1127	5.85	5.83	5.82	5.80	5.75	5.62	5.38	4.89	4.13	3.53	3.19				
1128	4.93	4.98	5.05	5.12	5.17	5.23	5.27	5.32	5.37	5.41	5.46	5.51	5.56	5.60	5.64
1129	5.68	5.72	5.75	5.78	5.80	5.82	5.84	5.85	5.86	5.87	5.87	5.88	5.87	5.86	5.85
1130	5.83	5.80	5.78	5.75	5.67	5.53	5.29	4.86	4.23	3.70	3.41				
1131	4.99	5.03	5.10	5.16	5.21	5.26	5.30	5.34	5.38	5.42	5.46	5.51	5.55	5.59	5.62
1132	5.66	5.69	5.72	5.74	5.77	5.78	5.80	5.81	5.82	5.83	5.84	5.84	5.84	5.83	5.82
1133	5.80	5.77	5.74	5.70	5.61	5.46	5.23	4.84	4.30	3.84	3.59				
1134	5.05	5.09	5.15	5.20	5.25	5.29	5.32	5.36	5.39	5.43	5.47	5.50	5.54	5.57	5.60

1135	5.63	5.66	5.69	5.71	5.73	5.75	5.76	5.77	5.78	5.79	5.80	5.80	5.80	5.80	5.79
1136	5.77	5.74	5.70	5.65	5.55	5.39	5.17	4.83	4.37	3.97	3.76				
1137	5.11	5.14	5.20	5.24	5.28	5.32	5.34	5.37	5.40	5.43	5.47	5.50	5.53	5.55	5.58
1138	5.61	5.63	5.65	5.68	5.69	5.71	5.72	5.74	5.75	5.75	5.76	5.76	5.76	5.76	5.75
1139	5.73	5.70	5.66	5.59	5.48	5.32	5.12	4.82	4.43	4.09	3.90				
1140	5.14	5.17	5.22	5.26	5.30	5.33	5.36	5.38	5.41	5.44	5.47	5.49	5.52	5.55	5.57
1141	5.59	5.62	5.64	5.66	5.67	5.69	5.70	5.71	5.72	5.73	5.74	5.74	5.74	5.74	5.73
1142	5.71	5.67	5.63	5.56	5.44	5.29	5.10	4.82	4.47	4.17	3.98				
1143		5 1.000E+00 (15F8.0)				-4			layer 4 init heads (same as lay 3 init heads)						
1144	3.00	3.00	3.00	3.00	3.00	1.00	6.00	5.00	11.00	14.00	35.00	69.00	80.00	74.00	63.00
1145	67.00	71.00	64.00	56.00	71.00	66.00	38.50	60.00	79.00	80.00	100.00	98.00	97.00	98.00	98.00
1146	77.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00				
1147	3.00	1.50	3.00	1.50	11.00	13.00	32.00	88.00	90.00	64.00	49.00	15.00	22.00	84.00	120.00
1148	109.00	86.00	78.00	78.00	81.00	90.00	107.00	136.00	169.00	183.00	160.00	178.00	148.00	99.00	59.50
1149	83.00	42.50	82.00	62.50	33.50	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00				
1150	3.00	2.00	16.00	15.00	18.00	19.00	17.00	16.00	24.00	35.00	48.00	56.00	59.00	72.00	87.00
1151	57.00	45.00	69.00	81.00	86.00	86.00	80.00	90.00	98.00	123.14	124.28	125.76	126.08	131.84	141.00
1152	77.00	98.00	79.00	30.50	18.50	23.50	41.50	83.00	-999.00	-999.00	-999.00				
1153	1.50	33.00	100.00	89.00	69.00	74.00	93.00	87.30	88.10	88.50	88.60	89.65	90.76	91.67	91.98
1154	91.72	91.31	91.07	91.54	92.03	93.99	97.32	102.51	104.28	105.85	105.35	102.00	113.57	118.38	122.69
1155	76.50	58.00	53.00	49.00	18.50	18.50	29.50	79.00	17.50	74.00	-999.00				
1156	1.50	28.85	52.81	55.68	55.87	55.51	56.20	58.01	59.22	61.86	63.96	66.15	69.40	71.99	72.82
1157	72.32	71.86	71.86	71.47	71.42	72.49	75.10	81.58	89.53	94.23	96.48	99.30	102.89	108.63	111.05
1158	107.85	66.50	42.00	17.50	19.50	20.50	21.50	63.00	67.00	24.50	98.00				
1159	1.50	23.28	38.06	38.09	35.68	34.78	34.77	35.26	35.94	36.61	38.61	42.18	45.32	47.79	49.85
1160	51.13	51.80	52.67	53.90	56.14	57.34	58.45	61.43	67.18	75.34	82.54	88.80	93.76	99.07	104.44
1161	104.12	102.49	60.00	79.00	20.50	17.50	18.50	32.00	36.00	72.00	98.00				
1162	1.50	14.74	26.12	27.83	26.49	26.01	25.88	25.87	26.19	26.73	27.43	28.26	30.33	33.25	36.43
1163	39.50	42.12	43.74	45.18	46.21	47.63	49.22	50.66	53.12	57.07	61.64	71.10	82.04	88.44	95.10
1164	97.80	97.10	98.00	65.00	15.50	18.00	20.00	19.00	17.00	77.00	98.00				
1165	1.50	6.98	11.66	14.30	16.62	18.89	20.60	21.67	22.59	23.41	24.32	25.51	26.61	27.71	30.24
1166	33.62	36.63	39.12	41.38	42.94	43.78	45.13	47.37	50.60	54.34	58.60	64.75	72.19	77.67	83.06
1167	86.43	86.99	82.83	72.00	17.00	19.50	17.00	4.50	61.00	19.00	79.00				
1168	1.50	1.50	7.13	10.28	12.59	14.68	16.36	17.75	18.96	19.91	20.54	21.93	23.37	24.53	25.63
1169	27.22	29.06	30.97	32.86	34.65	36.23	38.00	37.76	40.15	44.45	48.56	53.51	61.50	67.37	73.16
1170	76.85	77.90	77.02	58.00	17.00	17.50	12.50	1.50	1.50	1.50	56.00				
1171	1.50	1.50	4.55	7.21	9.49	11.20	12.61	13.93	15.11	16.23	16.93	17.67	18.64	19.57	20.54
1172	21.51	22.35	22.80	23.88	24.87	26.03	27.87	28.65	29.49	33.45	39.39	44.71	52.60	59.84	65.52
1173	69.35	70.94	70.92	42.00	18.00	1.50	1.50	1.50	1.50	1.50	47.00				
1174	1.50	1.50	3.05	5.15	7.16	8.62	9.74	10.88	11.96	12.95	13.64	13.89	14.41	15.02	15.98
1175	16.66	16.98	16.50	17.18	18.82	20.75	22.13	23.18	24.18	25.92	30.47	38.65	46.07	52.94	58.07
1176	61.76	63.82	64.94	15.00	18.00	1.50	1.50	1.50	1.50	1.50	88.00				
1177	1.50	1.50	1.50	3.82	5.62	6.93	7.91	8.83	9.76	10.59	11.17	11.33	11.65	12.93	12.46
1178	12.96	13.54	14.22	15.04	16.66	18.59	20.21	21.42	22.54	23.91	26.32	32.52	39.69	46.37	51.43
1179	55.46	58.61	60.84	51.74	45.65	19.50	1.50	1.50	1.50	1.50	92.00				
1180	1.50	1.50	1.50	2.68	4.18	5.31	6.14	6.99	7.96	8.70	9.23	9.52	9.75	9.90	9.93
1181	10.21	10.77	11.59	12.35	14.49	16.67	18.60	20.01	21.14	22.47	24.62	28.88	33.75	39.08	44.10
1182	48.16	52.71	55.04	48.68	43.28	19.50	1.50	1.50	1.50	1.50	100.00				
1183	1.50	1.50	1.50	1.50	3.09	3.88	4.53	5.21	6.36	7.19	7.70	7.91	8.00	8.06	8.09
1184	8.43	9.03	9.48	8.29	12.81	15.32	17.17	18.56	19.52	20.84	22.80	26.00	29.47	32.82	36.62
1185	39.28	45.77	48.49	46.98	42.49	27.39	18.00	9.00	3.00	1.50	100.00				
1186	1.50	1.50	1.50	1.50	2.34	3.24	3.91	4.41	5.27	5.99	6.42	6.59	6.60	6.41	6.12
1187	6.55	7.86	9.00	10.07	12.49	14.47	16.13	17.43	18.30	19.06	20.64	23.46	26.18	28.35	29.93
1188	31.64	38.50	42.31	44.03	41.44	32.38	17.00	18.00	13.00	1.50	101.00				
1189	1.50	1.50	1.50	1.50	1.50	2.73	3.40	4.02	4.49	5.19	5.50	5.68	5.59	5.08	3.67
1190	4.01	6.60	8.34	10.02	12.02	13.78	15.25	16.47	17.38	18.13	19.06	21.18	23.48	25.08	25.60
1191	27.25	32.08	36.38	39.69	39.42	35.54	39.88	17.00	31.00	1.50	88.00				
1192	1.50	1.50	1.50	1.50	1.50	2.48	3.07	3.73	4.19	4.78	5.21	5.40	5.34	4.82	3.36
1193	3.57	6.06	7.82	9.61	11.37	12.87	14.16	15.29	16.24	17.15	18.00	19.15	21.14	22.59	23.78
1194	24.65	26.29	30.56	35.19	36.78	35.88	39.13	38.62	33.00	1.50	43.00				
1195	1.50	1.50	1.50	1.50	1.50	2.22	2.85	3.61	4.26	4.65	5.07	5.32	5.40	5.26	4.88
1196	5.18	6.33	7.78	9.34	10.75	12.00	13.10	14.01	14.77	15.56	16.63	17.52	18.95	20.36	22.09
1197	22.72	22.51	24.54	30.55	33.69	34.80	37.53	37.55	32.00	1.50	1.50				
1198	1.50	1.50	1.76	1.83	1.82	1.50	2.78	3.63	4.33	4.73	5.04	5.36	5.56	5.66	5.67
1199	5.97	6.77	7.89	9.12	10.27	11.25	12.14	12.88	13.47	13.89	14.61	15.68	16.89	18.08	20.09
1200	20.47	20.71	20.54	26.12	30.19	32.75	35.44	35.65	28.20	1.50	1.50				
1201	1.50	1.76	2.03	2.18	2.29	2.49	3.12	3.78	4.33	4.76	5.11	5.47	5.76	6.01	6.18
1202	6.51	7.10	7.95	8.92	9.81	10.58	11.26	11.83	12.40	12.77	13.11	13.73	14.97	16.04	17.30
1203	16.28	18.39	18.80	22.45	26.45	30.04	32.90	33.25	26.84	1.50	1.50				
1204	1.50	2.01	2.31	2.52	2.71	3.02	3.46	3.94	4.39	4.80	5.20	5.60	5.97	6.30	6.55
1205	6.88	7.36	7.99	8.72	9.40	9.96	10.46	10.92	11.39	11.76	12.01	12.36	13.14	14.04	14.00
1206	11.92	14.72	14.39	19.08	22.70	27.05	29.91	30.38	24.53	1.50	1.50				
1207	1.87	2.27	2.57	2.82	3.06	3.40	3.72	4.10	4.47	4.87	5.29	5.73	6.15	6.54	6.89
1208	7.18	7.58	8.05	8.56	9.04	9.44	9.79	10.11	10.43	10.74	10.95	11.08	11.36	11.70	11.35
1209	9.89	10.78	9.51	15.64	19.98	23.84	26.54	27.17	21.66	1.50	1.50				
1210	2.21	2.52	2.81	3.09	3.36	3.66	3.94	4.24	4.57	4.95	5.35	5.80	6.27	6.67	7.06
1211	7.43	7.80	8.08	8.43	8.74	9.00	9.22	9.42	9.60	9.75	9.87	9.92	9.67	9.73	9.09
1212	8.01	7.51	7.43	12.38	17.51	20.68	23.09	23.64	18.62	4.38	1.50				
1213	2.51	2.75	3.06	3.33	3.61	3.88	4.12	4.37	4.68	5.02	5.42	5.86	6.28	6.68	7.08
1214	7.46	7.80	8.10	8.33	8.42	8.57	8.70	8.79	8.85	8.88	8.90	8.82	8.41	8.14	7.17
1215	6.22	5.30	5.52	9.40	14.01	17.49	19.62	19.97	15.68	5.69	1.50				
1216	2.74	2.95	3.27	3.55	3.83	4.04	4.26	4.50	4.78	5.10	5.47	5.88	6.26	6.61	6.98
1217	7.33	7.66	7.92	8.07	8.11	8.18	8.26	8.30	8.30	8.28	8.22	8.08	7.74	7.13	5.95
1218	4.80	4.35	3.00	7.70	12.69	15.09	16.92	17.08	13.20	6.21	1.50				
1219	2.94	3.13	3.44	3.73	3.95	4.17	4.38	4.61	4.87	5.17	5.51	5.86	6.21	6.53	6.82
1220	7.12	7.48	7.70	7.75	7.81	7.87	7.92	7.93	7.91	7.86	7.78	7.61	7.25	6.57	5.40
1221	3.00	3.69	3.00	7.33	10.79	13.72	15.29	15.29	11.56	6.03	1.50				
1222	3.12	3.30	3.60	3.85	4.07	4.28	4.49	4.71	4.96	5.24	5.54	5.84	6.14	6.43	6.68
1223	6.91	7.14	7.32	7.42	7.50	7.57	7.60	7.61	7.58	7.51	7.41	7.23	6.87	6.25	5.19
1224	3.00	3.00	3.77	6.95	9.97	12.44	13.80	13.63	9.86	5.53	1.50				
1225	3.30	3.47	3.75	3.98	4.19	4.39	4.58	4.80	5.04	5.29	5.55	5.82	6.08	6.33	6.55
1226	6.74	6.90	7.04	7.14	7.22	7.28	7.32	7.32	7.29	7.22	7.11	6.94	6.61	6.08	5.18
1227	3.82	3.71	4.22	6.63	9.25	11.34	12.40	12.07	8.11	4.79	1.50				
1228	3.47	3.64	3.88	4.09	4.29	4.48	4.66	4.87	5.10	5.32	5.56	5.79	6.02	6.24	6.44
1229	6.60	6.74	6.84	6.92	6.99	7.05	7.08	7.08	7.04	6.98	6.88	6.72	6.42	5.98	5.26

1230	4.36	4.23	4.64	6.43	8.61	10.37	11.21	10.59	6.28	4.03	1.50				
1231	3.63	3.78	4.01	4.20	4.39	4.56	4.73	4.93	5.14	5.35	5.55	5.76	5.97	6.16	6.34
1232	6.49	6.60	6.69	6.76	6.81	6.85	6.86	6.87	6.84	6.79	6.70	6.55	6.30	5.93	5.36
1233	4.74	4.65	4.99	6.30	8.05	9.51	10.14	9.28	4.35	3.36	1.50				
1234	3.78	3.92	4.12	4.30	4.47	4.64	4.80	4.98	5.16	5.36	5.54	5.73	5.91	6.09	6.25
1235	6.39	6.49	6.57	6.62	6.67	6.70	6.71	6.71	6.68	6.63	6.55	6.42	6.21	5.91	5.47
1236	5.03	4.96	5.27	6.21	7.57	8.73	9.19	8.11	2.84	2.69	1.50				
1237	3.92	4.04	4.23	4.39	4.56	4.72	4.87	5.02	5.18	5.36	5.53	5.69	5.85	6.01	6.16
1238	6.29	6.39	6.46	6.51	6.54	6.57	6.58	6.58	6.55	6.51	6.44	6.33	6.16	5.92	5.57
1239	5.25	5.20	5.47	6.16	7.17	8.06	8.35	7.18	1.50	2.13	1.50				
1240	4.04	4.15	4.32	4.48	4.64	4.79	4.92	5.06	5.20	5.35	5.51	5.66	5.80	5.94	6.08
1241	6.20	6.30	6.37	6.41	6.44	6.46	6.47	6.47	6.45	6.41	6.35	6.26	6.12	5.93	5.66
1242	5.43	5.40	5.61	6.12	6.84	7.49	7.64	6.46	2.06	1.50	1.50				
1243	4.15	4.25	4.42	4.57	4.71	4.85	4.97	5.09	5.22	5.35	5.49	5.63	5.76	5.88	6.00
1244	6.11	6.21	6.28	6.33	6.36	6.38	6.39	6.39	6.37	6.33	6.28	6.20	6.09	5.95	5.74
1245	5.57	5.56	5.72	6.10	6.60	7.01	7.04	5.92	2.49	1.50	1.50				
1246	4.26	4.35	4.51	4.65	4.78	4.90	5.01	5.12	5.23	5.35	5.48	5.60	5.72	5.83	5.94
1247	6.04	6.13	6.20	6.25	6.28	6.30	6.31	6.31	6.30	6.27	6.22	6.16	6.08	5.97	5.81
1248	5.69	5.68	5.80	6.07	6.44	6.66	6.55	5.57	2.85	1.87	1.50				
1249	4.36	4.45	4.59	4.72	4.84	4.95	5.05	5.14	5.25	5.36	5.47	5.58	5.69	5.79	5.89
1250	5.98	6.06	6.12	6.17	6.20	6.22	6.24	6.24	6.24	6.22	6.18	6.13	6.06	5.96	5.87
1251	5.79	5.78	5.85	6.05	6.31	6.43	6.23	5.37	3.15	2.18	1.80				
1252	4.45	4.53	4.67	4.79	4.89	4.99	5.08	5.17	5.26	5.36	5.46	5.56	5.66	5.76	5.84
1253	5.92	5.99	6.05	6.09	6.13	6.15	6.16	6.18	6.18	6.17	6.14	6.10	6.05	5.99	5.91
1254	5.84	5.83	5.89	6.02	6.20	6.25	6.02	5.22	3.39	2.45	2.04				
1255	4.54	4.61	4.74	4.84	4.94	5.03	5.11	5.19	5.28	5.37	5.46	5.55	5.64	5.73	5.80
1256	5.87	5.93	5.98	6.03	6.06	6.08	6.10	6.11	6.12	6.12	6.10	6.07	6.04	5.99	5.94
1257	5.87	5.87	5.90	5.99	6.10	6.10	5.85	5.12	3.59	2.68	2.27				
1258	4.62	4.69	4.80	4.90	4.99	5.07	5.14	5.22	5.29	5.37	5.45	5.54	5.62	5.70	5.77
1259	5.83	5.89	5.93	5.97	6.00	6.03	6.04	6.06	6.07	6.07	6.06	6.04	6.02	5.98	5.94
1260	5.89	5.87	5.90	5.96	6.01	5.97	5.71	5.04	3.75	2.89	2.49				
1261	4.69	4.75	4.85	4.94	5.03	5.10	5.17	5.24	5.31	5.38	5.45	5.53	5.60	5.67	5.74
1262	5.80	5.85	5.89	5.92	5.95	5.98	6.00	6.01	6.02	6.02	6.02	6.01	5.99	5.96	5.93
1263	5.89	5.87	5.86	5.91	5.93	5.86	5.60	4.99	3.88	3.09	2.70				
1264	4.77	4.83	4.92	5.00	5.08	5.14	5.20	5.26	5.33	5.39	5.46	5.52	5.58	5.65	5.70
1265	5.76	5.81	5.84	5.88	5.90	5.93	5.94	5.96	5.97	5.97	5.97	5.97	5.95	5.93	5.91
1266	5.88	5.86	5.86	5.86	5.84	5.74	5.49	4.93	4.01	3.31	2.94				
1267	4.86	4.91	4.99	5.06	5.13	5.19	5.24	5.29	5.35	5.40	5.46	5.51	5.57	5.62	5.67
1268	5.72	5.76	5.79	5.82	5.85	5.87	5.89	5.90	5.91	5.92	5.92	5.92	5.91	5.90	5.88
1269	5.85	5.83	5.82	5.80	5.75	5.62	5.38	4.89	4.13	3.53	3.19				
1270	4.93	4.98	5.05	5.12	5.17	5.23	5.27	5.32	5.37	5.41	5.46	5.51	5.56	5.60	5.64
1271	5.68	5.72	5.75	5.78	5.80	5.82	5.84	5.85	5.86	5.87	5.87	5.88	5.87	5.86	5.85
1272	5.83	5.80	5.78	5.75	5.67	5.53	5.29	4.86	4.23	3.70	3.41				
1273	4.99	5.03	5.10	5.16	5.21	5.26	5.30	5.34	5.38	5.42	5.46	5.51	5.55	5.59	5.62
1274	5.66	5.69	5.72	5.74	5.77	5.78	5.80	5.81	5.82	5.83	5.84	5.84	5.84	5.83	5.82
1275	5.80	5.77	5.74	5.70	5.61	5.46	5.23	4.84	4.30	3.84	3.59				
1276	5.05	5.09	5.15	5.20	5.25	5.29	5.32	5.36	5.39	5.43	5.47	5.50	5.54	5.57	5.60
1277	5.63	5.66	5.69	5.71	5.73	5.75	5.76	5.77	5.78	5.79	5.80	5.80	5.80	5.80	5.79
1278	5.77	5.74	5.70	5.65	5.55	5.39	5.17	4.83	4.37	3.97	3.76				
1279	5.11	5.14	5.20	5.24	5.28	5.32	5.34	5.37	5.40	5.43	5.47	5.50	5.53	5.55	5.58
1280	5.61	5.63	5.65	5.66	5.69	5.71	5.72	5.74	5.75	5.75	5.76	5.76	5.76	5.76	5.75
1281	5.73	5.70	5.66	5.59	5.48	5.32	5.12	4.82	4.43	4.09	3.90				
1282	5.14	5.17	5.22	5.26	5.30	5.33	5.36	5.38	5.41	5.44	5.47	5.49	5.52	5.55	5.57
1283	5.59	5.62	5.64	5.66	5.67	5.69	5.70	5.71	5.72	5.73	5.74	5.74	5.74	5.74	5.73
1284	5.71	5.67	5.63	5.56	5.44	5.29	5.10	4.82	4.47	4.17	3.98				
1285	5 1.000E+00 (15F8.0)					-4			layer 5 init heads						
1286	9.84	10.12	10.59	11.00	11.34	11.65	11.89	12.14	12.43	12.74	13.85	15.77	17.85	20.09	22.29
1287	24.43	26.53	28.62	30.73	32.81	35.08	39.11	44.32	48.71	53.71	59.04	66.02	71.54	74.96	82.76
1288	76.59	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00				
1289	9.54	9.78	10.26	10.65	11.02	11.38	11.68	11.97	12.25	12.53	12.82	13.13	13.48	14.63	16.44
1290	18.07	19.47	20.74	22.01	23.45	26.02	33.21	40.59	46.77	53.96	57.67	58.82	59.81	60.18	58.64
1291	53.99	46.86	49.41	55.60	34.57	-999.00	-999.00	-999.00	-999.00	-999.00	-999.00				
1292	8.89	9.13	9.50	9.83	10.17	10.45	10.66	10.86	11.03	11.36	11.81	12.22	12.68	13.38	14.28
1293	15.30	16.23	17.09	18.97	24.19	31.19	37.65	43.31	48.65	52.73	53.28	54.89	54.61	53.73	52.14
1294	49.45	46.32	43.74	34.95	25.06	24.58	31.48	26.22	-999.00	-999.00	-999.00				
1295	8.16	8.47	8.84	9.07	9.37	9.70	9.96	10.17	10.32	10.48	10.65	10.82	10.96	11.54	12.49
1296	13.49	14.77	16.68	19.95	25.04	31.08	37.31	41.32	43.84	46.02	47.69	48.78	49.43	49.85	49.90
1297	47.86	44.34	40.08	33.82	20.03	19.17	24.32	21.90	18.94	20.90	-999.00				
1298	7.47	7.77	8.20	8.50	8.77	9.03	9.26	9.51	9.76	10.02	10.28	10.55	10.84	11.14	11.48
1299	11.88	12.34	12.94	13.73	14.40	15.68	22.55	30.97	36.31	39.77	42.41	44.85	46.44	46.90	47.09
1300	45.73	42.10	36.19	24.67	20.58	19.65	18.55	17.83	18.47	20.75	22.12				
1301	6.91	7.21	7.62	7.95	8.24	8.51	8.74	8.98	9.24	9.51	9.79	10.10	10.42	10.78	11.17
1302	11.59	12.06	12.58	13.14	13.72	14.24	17.02	21.36	24.71	27.19	29.13	31.25	37.74	42.68	45.79
1303	46.90	45.92	41.44	33.47	20.49	16.30	15.21	13.91	16.82	19.68	22.42				
1304	6.37	6.71	7.13	7.47	7.77	8.05	8.28	8.53	8.79	9.06	9.36	9.67	10.01	10.37	10.77
1305	11.20	11.66	12.17	12.73	13.38	13.95	17.14	20.92	23.44	25.32	26.81	28.56	34.96	40.25	44.25
1306	46.97	48.26	46.44	41.21	15.51	15.07	13.72	11.37	14.21	18.09	23.65				
1307	5.81	6.14	6.58	6.93	7.25	7.53	7.77	8.02	8.29	8.56	8.85	9.17	9.49	9.84	10.21
1308	10.60	11.01	11.44	11.91	12.41	12.80	14.33	15.92	16.49	17.17	17.83	18.56	20.51	22.62	24.38
1309	25.44	25.70	24.98	22.68	15.46	14.39	11.91	6.18	10.12	13.22	24.72				
1310	5.32	5.63	6.09	6.46	6.78	7.07	7.32	7.58	7.84	8.12	8.40	8.70	9.01	9.33	9.66
1311	10.00	10.35	10.71	11.08	11.46	11.74	11.90	12.14	12.39	12.64	12.86	13.09	13.19	13.40	13.68
1312	13.99	14.21	14.31	14.30	13.12	12.58	10.08	2.05	1.80	1.96	23.50				
1313	4.94	5.23	5.69	6.07	6.41	6.71	6.96	7.22	7.49	7.76	8.04	8.33	8.63	8.92	9.23
1314	9.53	9.84	10.15	10.45	10.74	11.01	11.25	11.48	11.72	11.94	12.14	12.37	12.58	12.79	13.06
1315	13.33	13.52	13.56	13.36	12.48	11.02	8.26	2.00	1.58	1.56	21.99				
1316	4.63	4.90	5.34	5.73	6.08	6.40	6.65	6.92	7.16	7.46	7.74	8.02	8.30	8.59	8.87
1317	9.16	9.43	9.70	9.97	10.23	10.48	10.72	10.95	11.17	11.37	11.57	11.81	12.06	12.28	12.55
1318	12.81	12.98	13.00	12.67	11.99	10.71	7.93	2.55	1.97	1.55	20.44				
1319	4.40	4.64	5.05	5.46	5.82	6.15	6.41	6.68	6.95	7.22	7.50	7.78	8.06	8.33	8.61
1320	8.88	9.14	9.39	9.63	9.87	10.10	10.33	10.54	10.75	10.93	11.10	11.37	11.64	11.88	12.15
1321	12.40	12.57	12.59	12.30	11.74	10.81	8.10	3.53	2.61	1.62	18.68				
1322	4.18	4.40	4.76	5.19	5.56	5.89	6.16	6.44	6.71	6.99	7.27	7.54	7.81	8.08	8.35
1323	8.61	8.86	9.10	9.32	9.53	9.74	9.96	10.17	10.35	10.53	10.68	10.95	11.24	11.49	11.76
1324	12.01	12.18	12.22	12.01	11.54	10.75	8.47	4.68	3.44	2.46	16.31				

1325	3.96	4.16	4.48	4.92	5.30	5.64	5.92	6.20	6.48	6.76	7.03	7.31	7.58	7.84	8.11
1326	8.36	8.60	8.83	9.03	9.23	9.41	9.63	9.86	10.05	10.19	10.36	10.59	10.87	11.11	11.39
1327	11.65	11.82	11.87	11.74	11.34	10.63	8.86	5.82	4.31	2.91	14.11				
1328	3.76	3.96	4.27	4.68	5.06	5.41	5.69	5.97	6.26	6.54	6.80	7.08	7.37	7.64	7.90
1329	8.16	8.39	8.61	8.81	8.98	9.14	9.31	9.54	9.76	9.94	10.08	10.26	10.51	10.75	11.04
1330	11.30	11.49	11.56	11.48	11.16	10.53	9.18	6.75	5.15	3.06	12.06				
1331	3.60	3.76	4.10	4.46	4.82	5.19	5.48	5.76	6.05	6.34	6.61	6.87	7.15	7.44	7.72
1332	7.98	8.22	8.44	8.64	8.81	8.95	9.07	9.23	9.41	9.60	9.76	9.92	10.16	10.41	10.71
1333	10.98	11.17	11.26	11.23	10.99	10.43	9.39	7.59	5.64	3.12	10.03				
1334	3.46	3.65	3.97	4.29	4.62	4.99	5.28	5.56	5.85	6.14	6.42	6.70	6.98	7.26	7.54
1335	7.81	8.05	8.27	8.48	8.65	8.79	8.90	9.01	9.13	9.24	9.37	9.57	9.80	10.00	10.32
1336	10.66	10.87	10.97	10.99	10.83	10.34	9.46	8.02	6.13	3.14	7.31				
1337	3.38	3.57	3.85	4.14	4.44	4.80	5.10	5.39	5.67	5.96	6.26	6.54	6.81	7.10	7.38
1338	7.64	7.88	8.10	8.31	8.49	8.63	8.74	8.84	8.93	9.02	9.09	9.23	9.45	9.72	9.95
1339	10.30	10.56	10.69	10.75	10.68	10.26	9.49	8.25	6.60	3.11	4.01				
1340	3.35	3.51	3.78	4.04	4.31	4.62	4.93	5.22	5.52	5.81	6.11	6.39	6.67	6.94	7.22
1341	7.48	7.71	7.93	8.14	8.33	8.47	8.59	8.69	8.75	8.82	8.88	8.98	9.13	9.39	9.60
1342	9.94	10.23	10.41	10.52	10.56	10.29	9.51	8.41	6.95	3.00	2.52				
1343	3.03	3.48	3.72	3.96	4.23	4.51	4.79	5.08	5.38	5.68	5.97	6.26	6.53	6.81	7.08
1344	7.33	7.56	7.78	7.98	8.16	8.31	8.44	8.57	8.58	8.63	8.69	8.78	8.91	9.05	9.24
1345	9.61	9.92	10.10	10.29	10.46	10.13	9.50	8.54	7.21	3.23	1.69				
1346	3.32	3.45	3.64	3.85	4.16	4.42	4.67	4.98	5.27	5.57	5.86	6.15	6.42	6.69	6.94
1347	7.19	7.43	7.64	7.83	8.00	8.15	8.26	8.36	8.41	8.46	8.51	8.60	8.70	8.79	8.95
1348	9.29	9.57	9.80	10.03	10.29	9.98	9.47	8.64	7.25	3.29	1.88				
1349	3.32	3.42	3.65	3.82	4.10	4.31	4.63	4.93	5.21	5.49	5.77	6.05	6.32	6.58	6.83
1350	7.07	7.29	7.51	7.70	7.86	7.99	8.10	8.18	8.24	8.29	8.34	8.42	8.51	8.60	8.74
1351	8.99	9.24	9.46	9.77	10.07	9.83	9.43	8.58	7.17	3.23	1.90				
1352	3.33	3.45	3.67	3.83	4.06	4.35	4.63	4.91	5.17	5.43	5.70	5.97	6.24	6.49	6.73
1353	6.96	7.18	7.38	7.56	7.72	7.85	7.95	8.03	8.08	8.14	8.19	8.25	8.33	8.41	8.52
1354	8.72	8.93	9.13	9.48	9.79	9.67	9.29	8.51	7.00	3.45	1.87				
1355	3.40	3.54	3.69	3.88	4.10	4.39	4.65	4.91	5.16	5.40	5.65	5.91	6.16	6.41	6.64
1356	6.87	7.07	7.27	7.44	7.59	7.71	7.81	7.89	7.94	7.99	8.04	8.10	8.16	8.23	8.32
1357	8.46	8.64	8.79	9.15	9.54	9.44	9.06	8.30	6.75	3.59	1.79				
1358	3.52	3.64	3.75	3.92	4.09	4.43	4.68	4.92	5.15	5.39	5.62	5.85	6.10	6.34	6.57
1359	6.78	6.98	7.16	7.32	7.46	7.58	7.67	7.75	7.82	7.86	7.91	7.95	8.01	8.06	8.13
1360	8.21	8.36	8.44	8.83	9.31	9.14	8.81	8.07	6.43	3.68	1.77				
1361	3.64	3.74	3.84	3.96	4.23	4.51	4.73	4.94	5.16	5.38	5.60	5.82	6.04	6.27	6.49
1362	6.70	6.90	7.07	7.22	7.34	7.45	7.54	7.62	7.69	7.74	7.78	7.82	7.86	7.90	7.95
1363	7.97	8.11	8.23	8.51	8.90	8.78	8.54	7.83	6.12	3.70	1.80				
1364	3.76	3.85	3.97	4.13	4.36	4.59	4.78	4.97	5.18	5.38	5.59	5.79	6.00	6.21	6.42
1365	6.62	6.81	6.98	7.11	7.23	7.33	7.41	7.49	7.56	7.62	7.66	7.69	7.73	7.75	7.78
1366	7.78	7.88	8.01	8.26	8.60	8.48	8.21	7.48	5.82	3.63	1.92				
1367	3.87	3.96	4.10	4.27	4.47	4.67	4.83	5.01	5.19	5.38	5.58	5.77	5.97	6.17	6.36
1368	6.54	6.72	6.89	7.02	7.12	7.21	7.28	7.36	7.44	7.49	7.53	7.56	7.59	7.61	7.63
1369	7.62	7.69	7.82	8.07	8.33	8.25	7.93	7.11	5.52	3.54	2.00				
1370	3.97	4.05	4.22	4.38	4.56	4.73	4.88	5.04	5.21	5.39	5.57	5.75	5.94	6.12	6.30
1371	6.47	6.64	6.79	6.92	7.02	7.10	7.16	7.23	7.30	7.36	7.40	7.43	7.46	7.48	7.49
1372	7.50	7.56	7.67	7.88	8.09	8.02	7.70	6.83	5.24	3.42	2.03				
1373	4.07	4.15	4.32	4.48	4.64	4.80	4.93	5.08	5.23	5.39	5.56	5.74	5.91	6.08	6.25
1374	6.41	6.56	6.70	6.82	6.92	6.99	7.04	7.10	7.16	7.22	7.26	7.29	7.32	7.34	7.36
1375	7.37	7.42	7.52	7.69	7.86	7.79	7.48	6.61	4.96	3.28	2.00				
1376	4.17	4.26	4.42	4.57	4.71	4.85	4.98	5.11	5.25	5.40	5.56	5.72	5.88	6.04	6.19
1377	6.34	6.47	6.60	6.71	6.81	6.87	6.92	6.96	7.01	7.06	7.11	7.15	7.18	7.20	7.22
1378	7.23	7.28	7.36	7.51	7.64	7.57	7.25	6.39	4.69	3.13	1.97				
1379	4.27	4.35	4.51	4.64	4.78	4.91	5.02	5.14	5.27	5.41	5.56	5.70	5.85	5.99	6.13
1380	6.26	6.39	6.50	6.60	6.69	6.76	6.79	6.83	6.87	6.91	6.97	7.02	7.05	7.06	7.07
1381	7.08	7.12	7.19	7.31	7.42	7.33	7.03	6.18	4.41	2.97	1.90				
1382	4.36	4.44	4.58	4.71	4.84	4.95	5.06	5.17	5.29	5.42	5.55	5.69	5.82	5.95	6.07
1383	6.18	6.30	6.40	6.49	6.58	6.64	6.68	6.70	6.73	6.77	6.82	6.88	6.91	6.91	6.92
1384	6.91	6.95	7.01	7.11	7.19	7.10	6.80	5.95	4.19	2.81	1.87				
1385	4.44	4.52	4.66	4.77	4.89	5.00	5.10	5.20	5.31	5.43	5.55	5.67	5.79	5.91	6.01
1386	6.11	6.20	6.29	6.38	6.46	6.52	6.56	6.58	6.60	6.63	6.67	6.72	6.76	6.78	6.77
1387	6.75	6.77	6.82	6.91	6.96	6.87	6.59	5.73	4.00	2.64	1.92				
1388	4.52	4.59	4.72	4.83	4.94	5.04	5.13	5.23	5.33	5.44	5.55	5.66	5.76	5.87	5.96
1389	6.05	6.13	6.20	6.27	6.34	6.40	6.44	6.46	6.47	6.49	6.53	6.57	6.61	6.63	6.63
1390	6.60	6.60	6.65	6.73	6.76	6.67	6.38	5.54	3.83	2.50	2.14				
1391	4.58	4.66	4.78	4.89	4.99	5.08	5.17	5.26	5.35	5.45	5.54	5.64	5.74	5.83	5.91
1392	5.99	6.06	6.13	6.19	6.24	6.29	6.33	6.35	6.36	6.36	6.40	6.43	6.45	6.49	6.49
1393	6.45	6.45	6.50	6.58	6.59	6.49	6.20	5.37	3.66	2.40	2.29				
1394	4.65	4.73	4.84	4.94	5.03	5.12	5.20	5.28	5.36	5.45	5.54	5.63	5.71	5.79	5.87
1395	5.94	6.00	6.06	6.12	6.16	6.20	6.23	6.25	6.26	6.27	6.29	6.31	6.33	6.34	6.35
1396	6.35	6.35	6.37	6.45	6.45	6.33	6.04	5.24	3.63	2.51	2.40				
1397	4.72	4.79	4.89	4.99	5.08	5.16	5.23	5.30	5.38	5.46	5.53	5.61	5.68	5.75	5.82
1398	5.89	5.95	6.00	6.05	6.09	6.13	6.15	6.17	6.18	6.19	6.21	6.22	6.22	6.22	6.21
1399	6.25	6.25	6.27	6.32	6.32	6.19	5.91	5.13	3.69	2.71	2.50				
1400	4.79	4.84	4.94	5.03	5.11	5.19	5.25	5.32	5.38	5.45	5.52	5.59	5.66	5.72	5.79
1401	5.85	5.90	5.95	5.99	6.03	6.06	6.08	6.10	6.12	6.13	6.14	6.14	6.13	6.14	6.12
1402	6.16	6.18	6.18	6.21	6.20	6.05	5.78	5.06	3.78	2.91	2.66				
1403	4.84	4.90	4.99	5.07	5.15	5.22	5.27	5.33	5.39	5.45	5.51	5.57	5.64	5.70	5.75
1404	5.81	5.86	5.90	5.94	5.98	6.00	6.03	6.04	6.06	6.07	6.08	6.09	6.08	6.08	6.08
1405	6.11	6.13	6.12	6.13	6.10	5.95	5.68	5.02	3.89	3.10	2.81				
1406	4.91	4.96	5.04	5.11	5.18	5.24	5.29	5.34	5.39	5.45	5.50	5.56	5.61	5.67	5.72
1407	5.77	5.81	5.85	5.89	5.92	5.94	5.96	5.96	6.00	6.01	6.02	6.02	6.02	6.02	6.03
1408	6.05	6.06	6.05	6.05	5.99	5.84	5.58	4.97	4.00	3.30	3.00				
1409	4.97	5.01	5.08	5.15	5.20	5.26	5.30	5.35	5.39	5.44	5.49	5.54	5.59	5.64	5.68
1410	5.72	5.76	5.80	5.83	5.86	5.88	5.90	5.92	5.93	5.94	5.95	5.96	5.96	5.97	5.97
1411	5.98	5.99	5.98	5.96	5.89	5.73	5.48	4.95	4.12	3.49	3.19				
1412	5.01	5.05	5.11	5.17	5.22	5.27	5.31	5.35	5.40	5.44	5.48	5.53	5.57	5.61	5.65
1413	5.69	5.72	5.76	5.79	5.81	5.84	5.85	5.87	5.88	5.89	5.90	5.91	5.92	5.92	5.93
1414	5.93	5.93	5.92	5.88	5.80	5.65	5.40	4.94	4.23	3.64	3.34				
1415	5.05	5.08	5.14	5.19	5.24	5.28	5.32	5.36	5.40	5.44	5.48	5.52	5.55	5.59	5.63
1416	5.66	5.69	5.72	5.75	5.77	5.80	5.81	5.83	5.84	5.85	5.86	5.87	5.88	5.88	5.88
1417	5.88	5.88	5.86	5.82	5.73	5.57	5.34	4.94	4.33	3.78	3.47				
1418	5.09	5.12	5.17	5.22	5.26	5.30	5.33	5.36	5.40	5.43	5.47	5.50	5.54	5.57	5.60
1419	5.63	5.66	5.69	5.72	5.74	5.76	5.78	5.79	5.80	5.81	5.82	5.83	5.84	5.84	5.84

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1420          5.84    5.83    5.80    5.76    5.66    5.51    5.29    4.93    4.43    3.93    3.62
1421          5.13    5.16    5.20    5.25    5.28    5.32    5.34    5.37    5.40    5.43    5.46    5.49    5.52    5.55    5.58
1422          5.61    5.63    5.66    5.68    5.70    5.72    5.74    5.75    5.76    5.77    5.78    5.79    5.80    5.80    5.80
1423          5.79    5.77    5.75    5.69    5.59    5.44    5.24    4.93    4.51    4.10    3.82
1424          5.15    5.18    5.22    5.26    5.30    5.33    5.35    5.38    5.41    5.44    5.46    5.49    5.52    5.54    5.57
1425          5.59    5.62    5.64    5.66    5.68    5.70    5.71    5.73    5.74    5.75    5.76    5.76    5.77    5.77    5.77
1426          5.76    5.74    5.71    5.66    5.55    5.40    5.21    4.93    4.56    4.19    3.95
1427    1.000E+00          1 1.000E+00  PERLEN,NSTP,TSMULT
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FILE: Block-Centered Flow Package
REFERENCE: McDonald and Harbaugh, 1988, Chapter 5, page 41

         1        30   5560.00         0  1.00E+00         1         1  ISS,IBCFCB,HDRY,IWDFLG,WETFCT,IWETIT,IHDWET
 1 3 3 0 0
         0 1.000E+00                                   TRPY
        61 1.000E-00           (10F10.0)          7  DELR
1.350E+03 1.350E+03 9.000E+02 6.000E+02 6.000E+02 4.000E+02 4.000E+02 4.000E+02 4.000E+02 4.000E+02
4.000E+02 4.000E+02 4.000E+02 4.000E+02 4.000E+02 4.000E+02 4.000E+02 4.000E+02 4.000E+02 4.000E+02
4.000E+02 4.000E+02 4.000E+02 4.000E+02 4.000E+02 4.000E+02 4.000E+02 6.000E+02 6.000E+02 9.000E+02
9.000E+02 9.000E+02 9.000E+02 1.350E+03 1.350E+03 1.350E+03 1.350E+03 2.025E+03 2.025E+03 2.025E+03
2.025E+03
        61 1.000E+00           (10F10.0)          7  DELC
2.025E+03 2.025E+03 1.350E+03 1.350E+03 1.350E+03 9.000E+02 9.000E+02 9.000E+02 6.000E+02 6.000E+02
4.000E+02 4.000E+02 4.000E+02 4.000E+02 4.000E+02 4.000E+02 4.000E+02 4.000E+02 4.000E+02 4.000E+02
4.000E+02 4.000E+02 4.000E+02 4.000E+02 4.000E+02 4.000E+02 4.000E+02 4.000E+02 4.000E+02 4.000E+02
4.000E+02 4.000E+02 4.000E+02 4.000E+02 4.000E+02 4.000E+02 4.000E+02 4.000E+02 4.000E+02 4.000E+02
6.000E+02 6.000E+02 6.000E+02 6.000E+02 9.000E+02 1.350E+03 1.350E+03
        61 1.000E+00 (10F10.0)                -1  HY layer  1
1.412E-01 2.162E-01 3.348E-01 4.501E-01 4.402E-01 4.498E-01 4.498E-01 4.059E-01 4.056E-01 3.178E-01
3.168E-01 3.158E-01 2.565E-01 2.553E-01 2.201E-01 2.187E-01 1.653E-01 1.300E-01 1.625E-01 1.622E-01
1.606E-01 1.601E-01 1.590E-01 1.236E-01 1.568E-01 1.217E-01 1.205E-01 6.492E-00 6.428E-00 3.203E-00
2.899E-00 1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06
1.000E-06
9.139E-00 1.864E-01 3.177E-01 3.366E-01 4.501E-01 4.500E-01 4.498E-01 4.498E-01 4.063E-01 4.059E-01
3.623E-01 3.179E-01 3.165E-01 2.572E-01 2.555E-01 2.201E-01 1.993E-01 1.871E-01 1.629E-01 1.622E-01
1.600E-01 1.590E-01 1.574E-01 1.220E-01 1.225E-01 1.192E-01 6.426E-00 6.335E-00 3.161E-00 3.108E-00
1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06
1.000E-06
4.298E-00 1.411E-01 2.673E-01 3.196E-01 4.113E-01 4.502E-01 4.500E-01 4.499E-01 4.498E-01 4.497E-01
4.062E-01 3.961E-01 3.192E-01 3.173E-01 3.153E-01 2.555E-01 2.074E-01 2.207E-01 2.192E-01 1.625E-01
1.593E-01 1.577E-01 1.555E-01 1.199E-01 1.202E-01 6.362E-00 6.252E-00 6.134E-00 3.054E-00 2.988E-00
1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06
1.000E-06
4.211E-00 1.390E-01 2.315E-01 3.130E-01 3.611E-01 4.551E-01 4.502E-01 4.501E-01 4.499E-01 4.498E-01
4.497E-01 4.065E-01 3.963E-01 3.530E-01 3.178E-01 2.581E-01 2.548E-01 2.496E-01 2.200E-01 1.631E-01
1.587E-01 1.562E-01 1.532E-01 1.173E-01 1.173E-01 6.183E-00 6.042E-00 3.001E-00 2.927E-00 1.000E-06
1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06
1.000E-06
1.000E-06 8.952E-00 1.428E-01 3.156E-01 3.158E-01 4.209E-01 4.551E-01 4.551E-01 4.501E-01 4.500E-01
4.498E-01 4.496E-01 4.069E-01 3.965E-01 3.538E-01 3.186E-01 2.581E-01 2.247E-01 2.219E-01 1.955E-01
1.580E-01 1.540E-01 1.497E-01 1.134E-01 6.256E-00 5.907E-00 5.721E-00 2.828E-00 1.000E-06 1.000E-06
1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06
1.000E-06
1.000E-06 4.220E-00 1.404E-01 2.753E-01 3.193E-01 4.107E-01 4.548E-01 4.550E-01 4.550E-01 4.501E-01
4.501E-01 4.499E-01 4.496E-01 3.981E-01 3.878E-01 3.542E-01 2.950E-01 2.790E-01 2.567E-01 1.971E-01
1.576E-01 1.513E-01 1.268E-01 6.564E-00 5.980E-00 5.542E-00 2.737E-00 1.000E-06 1.000E-06 1.000E-06
1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06 1.000E-06
1.000E-06
1.000E-06 4.094E-00 1.376E-01 2.301E-01 3.178E-01 3.667E-01 4.551E-01 4.594E-01 4.549E-01 4.550E-01
4.729E-01 4.728E-01 4.498E-01 4.404E-01 3.982E-01 3.876E-01 3.301E-01 2.842E-01 2.616E-01 2.307E-01
1.573E-01 1.192E-01 1.120E-01 5.733E-00 5.628E-00 2.649E-00 1.000E-06 1.000E-06 1.000E-06 1.000E-06
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-1.800E+01
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-1.600E+01-2.000E+01-2.000E+01-2.000E+01-1.900E+01-1.400E+01-6.000E+00 1.000E+00-2.000E+01-2.000E+01
-2.000E+01-2.000E+01-2.000E+01-2.000E+01-2.000E+01-2.000E+01-2.000E+01-2.000E+01-2.000E+01-2.000E+01
-2.000E+01
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-1.700E+01-2.000E+01-2.000E+01-2.000E+01-2.000E+01-1.800E+01-1.000E+01-2.000E+01-2.000E+01-2.000E+01
-2.000E+01-2.000E+01-2.000E+01-2.000E+01-2.000E+01-2.000E+01-2.000E+01-2.000E+01-2.000E+01-2.000E+01
-1.700E+01
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-2.000E+01-2.000E+01-2.000E+01-2.000E+01-2.000E+01-2.000E+01-2.000E+01-2.000E+01-2.000E+01-2.000E+01
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-1.200E+01
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-2.000E+01-2.000E+01-2.000E+01-2.000E+01-2.000E+01-2.000E+01-2.000E+01-2.000E+01-2.000E+01-2.000E+01-2.000E+01
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       61 5.000E-02 (10F10.0)                  -5          TK LAY 1
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5.000E-08 5.000E-08 5.000E-08 5.000E-08 5.000E-08 5.000E-08 5.000E-08 5.000E-08 3.590E-07 0.000E+00
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4.000E-08 4.760E-08 5.000E-08 4.550E-08 3.130E-08 5.000E-08 5.000E-08 5.000E-08 2.750E-07 2.000E-07
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2.780E-08 3.130E-08 3.700E-08 4.170E-08 3.030E-08 4.760E-08 4.550E-08 5.000E-08 5.000E-08 9.090E-08
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-1.000E+01-1.500E+01-1.600E+01-1.800E+01-1.700E+01-1.800E+01-1.700E+01-1.300E+01-1.000E+01-9.000E+00
-7.000E+00-8.000E+00-8.000E+00-8.000E+00-1.100E+01-1.400E+01-1.600E+01-1.900E+01-2.000E+01-1.900E+01
-2.200E+01-2.300E+01-2.100E+01-1.700E+01-7.000E+00-3.350E+01-3.300E+01-3.050E+01-2.750E+01-2.700E+01
 1.200E+01 2.000E+01 1.900E+01 1.900E+01 4.100E+01 3.800E+01 3.500E+01 3.800E+01 2.700E+01 0.000E+00
 0.000E+00
-1.400E+01-1.800E+01-2.100E+01-2.400E+01-2.500E+01-2.600E+01-2.600E+01-2.300E+01-2.000E+01-1.700E+01
-1.600E+01-1.500E+01-1.400E+01-1.200E+01-1.500E+01-1.800E+01-2.000E+01-1.900E+01-2.000E+01-2.000E+01
-2.000E+01-2.100E+01-2.100E+01-2.000E+01-1.600E+01-8.000E+00-3.750E+01-3.600E+01-3.300E+01-3.350E+01
 0.000E+00 1.900E+01 9.000E+00 1.900E+01 1.800E+01 3.500E+01 3.100E+01 3.400E+01 2.000E+01 0.000E+00
 4.000E+00
-1.900E+01-2.500E+01-2.900E+01-3.200E+01-3.400E+01-3.500E+01-3.400E+01-3.300E+01-3.100E+01-2.900E+01
-2.600E+01-2.300E+01-2.000E+01-1.800E+01-1.800E+01-1.800E+01-1.900E+01-2.900E+01-2.000E+01-1.900E+01
-1.900E+01-2.000E+01-2.100E+01-2.200E+01-2.100E+01-1.700E+01-5.000E+00-4.150E+01-3.900E+01-4.000E+01
 0.000E+00 1.400E+01 4.000E+00 1.900E+01 1.900E+01 3.200E+01 2.700E+01 2.700E+01 1.800E+01 1.000E+00
 1.800E+01
-2.500E+01-3.300E+01-3.800E+01-4.000E+01-4.200E+01-4.200E+01-4.200E+01-4.100E+01-4.000E+01-4.000E+01
-3.900E+01-3.500E+01-2.700E+01-2.000E+01-1.800E+01-1.700E+01-1.900E+01-1.900E+01-2.000E+01-1.900E+01
-1.900E+01-2.000E+01-2.000E+01-2.200E+01-2.100E+01-2.200E+01-1.400E+01-2.000E+00-4.850E+01-4.600E+01
 0.000E+00 5.000E+00 1.000E+00 2.000E+01 1.800E+01 2.200E+01 2.300E+01 2.300E+01 2.000E+01 1.900E+01
 2.000E+01
-3.200E+01-4.100E+01-4.800E+01-5.100E+01-5.000E+01-5.000E+01-4.800E+01-4.800E+01-4.700E+01-4.600E+01
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-1.900E+01-2.000E+01-2.000E+01-2.000E+01-2.200E+01-2.000E+01-9.000E+00-5.400E+01-5.150E+01
 0.000E+00 0.000E+00 0.000E+00 3.000E+00 1.300E+01 2.000E+01 1.900E+01 2.000E+01 2.000E+01 1.900E+01
 2.100E+01
-3.900E+01-4.900E+01-5.700E+01-5.900E+01-5.800E+01-5.700E+01-5.400E+01-5.300E+01-5.100E+01-5.100E+01
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-1.900E+01-1.900E+01-1.900E+01-2.000E+01-2.200E+01-2.400E+01-2.400E+01-1.600E+01-8.000E+00-5.800E+01
 0.000E+00 0.000E+00 0.000E+00 0.000E+00-2.250E+01 1.900E+01 2.000E+01 2.000E+01 2.000E+01 1.900E+01
 2.100E+01
-4.500E+01-5.700E+01-6.200E+01-6.200E+01-6.200E+01-6.100E+01-6.000E+01-5.700E+01-5.600E+01-5.400E+01
-5.000E+01-4.700E+01-4.400E+01-3.400E+01-2.300E+01-1.800E+01-1.900E+01-1.900E+01-1.900E+01-1.900E+01
-1.900E+01-1.900E+01-2.200E+01-2.400E+01-2.700E+01-2.900E+01-2.600E+01-2.300E+01-1.800E+01-1.100E+01
-4.000E+00-1.000E+00-1.000E+00-3.900E+01-2.900E+01-2.100E+01 1.800E+01 1.900E+01 2.000E+01 2.000E+01
 2.000E+01
-5.200E+01-6.000E+01-6.400E+01-6.500E+01-6.400E+01-6.500E+01-6.300E+01-6.100E+01-5.900E+01-5.700E+01
-5.400E+01-5.100E+01-4.600E+01-3.900E+01-3.100E+01-2.300E+01-1.900E+01-2.000E+01-2.100E+01-2.100E+01
-2.100E+01-2.200E+01-2.600E+01-2.900E+01-3.100E+01-3.200E+01-2.900E+01-2.600E+01-2.300E+01-2.000E+01
-1.400E+01-6.250E+01-5.650E+01-4.000E+00-3.600E+01-2.850E+01-2.100E+01 1.500E+01 1.900E+01 1.900E+01
 1.800E+01
-5.700E+01-6.200E+01-6.500E+01-6.700E+01-6.600E+01-6.700E+01-6.500E+01-6.300E+01-6.200E+01-6.000E+01
-5.800E+01-5.400E+01-5.000E+01-4.500E+01-3.800E+01-3.200E+01-2.600E+01-2.500E+01-2.500E+01-2.500E+01
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 1.500E+01
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-2.900E+01
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-4.000E+00
-6.500E+01-6.800E+01-7.000E+01-7.000E+01-7.200E+01-7.200E+01-7.100E+01-7.000E+01-7.100E+01-7.100E+01
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-3.500E+01-3.300E+01-3.100E+01-2.900E+01-2.600E+01-2.200E+01-1.900E+01-1.500E+01-4.050E+01 0.000E+00
-3.000E+00
-6.600E+01-7.000E+01-7.100E+01-7.200E+01-7.300E+01-7.400E+01-7.300E+01-7.300E+01-7.300E+01-7.400E+01
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-9.000E+00
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-2.300E+01
-7.700E+01-8.100E+01-8.400E+01-8.700E+01-9.000E+01-9.200E+01-9.500E+01-9.600E+01-9.800E+01-1.000E+02
-1.000E+02-1.000E+02-1.000E+02-1.000E+02-1.000E+02-1.000E+02-1.000E+02-1.000E+02-1.000E+02-1.000E+02
-1.000E+02-1.000E+02-1.000E+02-1.000E+02-1.000E+02-9.400E+01-8.400E+01-7.600E+01-7.200E+01-7.000E+01
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-2.800E+01
-8.000E+01-8.400E+01-8.800E+01-9.300E+01-9.500E+01-9.700E+01-9.900E+01-1.000E+02-1.000E+02-1.000E+02
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-3.900E+01
-8.600E+01-9.200E+01-9.600E+01-9.900E+01-1.000E+02-1.000E+02-1.000E+02-1.000E+02-1.000E+02-1.000E+02-1.000E+02
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-4.300E+01
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-8.400E+01-7.900E+01-7.600E+01-7.300E+01-6.900E+01-6.600E+01-6.200E+01-5.700E+01-5.200E+01-4.900E+01
-4.500E+01
-9.500E+01-1.000E+02-1.000E+02-1.000E+02-1.000E+02-1.000E+02-1.000E+02-1.000E+02-1.000E+02-1.000E+02-1.000E+02-1.000E+02
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-7.100E+01
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-9.900E+01-9.400E+01-8.900E+01-8.500E+01-8.000E+01-7.600E+01-7.300E+01-6.800E+01-6.300E+01-5.800E+01
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 0.000E+00-3.000E+00-4.000E+00-5.000E+00-1.100E+01-7.000E+00 0.000E+00-1.000E+00-1.000E+00-1.600E+01
-2.000E+01-2.000E+01-1.500E+01-8.000E+00-3.000E+00 0.000E+00 0.000E+00-4.000E+00 0.000E+00-9.990E+02
-9.990E+02
-2.000E+01-2.000E+01-2.000E+01-1.800E+01-1.400E+01-1.000E+01-7.000E+00-5.000E+00-3.000E+00-1.000E+00
 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00-6.000E+00-7.000E+00-5.000E+00
-1.000E+00-1.000E+00-1.400E+01-2.000E+01-2.000E+01-1.600E+01-3.000E+00 0.000E+00 0.000E+00 0.000E+00
-2.000E+01-2.000E+01-2.000E+01-1.700E+01-2.000E+00-1.000E+00 0.000E+00-1.000E+01 0.000E+00-9.990E+02
-9.990E+02
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-2.000E+01-2.000E+01-2.000E+01-2.000E+01-1.000E+00-4.000E+00 0.000E+00-1.200E+01-7.000E+00-9.990E+02
-9.990E+02
-2.000E+01-1.600E+01-2.000E+01-1.900E+01-1.400E+01-1.000E+01-7.000E+00-4.000E+00-1.000E+00-1.000E+00
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-9.990E+02
-1.500E+01-8.000E+00-2.000E+01-1.900E+01-1.500E+01-1.000E+01-6.000E+00-3.000E+00 0.000E+00 0.000E+00
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-9.990E+02
-1.200E+01-1.000E+00-1.700E+01-2.000E+01-1.400E+01-8.000E+00-5.000E+00-1.000E+00 0.000E+00 0.000E+00
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-2.000E+01-2.000E+01-2.000E+01-1.400E+01-1.000E+00-1.200E+01-6.000E+00-1.700E+01-1.900E+01-8.000E+00
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1.000E-06
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4.299E+01 4.318E+01 4.168E+01 4.053E+01 2.453E+01 1.469E+01 1.862E+01 1.107E+01 1.000E+01 1.000E+01
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6.000E+01 2.200E+01 2.100E+01 1.950E+01 2.059E+01 1.465E+01 1.000E+01 5.500E+01 6.000E+01 7.000E+01
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5.625E+01 5.909E+01 4.857E-01 4.286E+01 4.500E+01 3.952E+01 3.944E+01 6.000E+01 6.000E+01 6.000E+01
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-1.576E+01-1.366E+01-1.239E+01-1.653E+01-1.490E+01-1.277E+01-8.218E+00-3.477E+00 1.372E+00 6.196E+00
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 8.705E+00
-4.995E+01-4.062E+01-3.840E+01-3.798E+01-3.121E+01-2.757E+01-2.696E+01-2.645E+01-2.621E+01-2.424E+01
-1.779E+01-1.706E+01-1.615E+01-1.919E+01-1.745E+01-1.957E+01-1.781E+01-1.221E+01-5.911E+00-5.830E-01
 2.753E+00 4.414E+00 2.872E+00 1.721E+00 1.904E+00 6.355E+00 1.562E+01 2.547E+01 3.312E+01 3.876E+01
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-4.700E+01-4.600E+01-4.300E+01-4.200E+01-4.100E+01-3.900E+01-4.000E+01-4.100E+01-3.600E+01-3.400E+01
-3.400E+01-3.600E+01-4.000E+01-4.400E+01-4.700E+01-4.900E+01-4.900E+01-4.600E+01-4.000E+01-3.100E+01
-2.200E+01-1.000E+01 1.000E+00 1.100E+01 1.300E+01 1.400E+01 1.900E+01 1.700E+01-2.500E+01-2.200E+01
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1990          -9.700E+01-9.700E+01-8.500E+01-7.400E+01-6.300E+01-5.100E+01-4.700E+01-4.400E+01-4.400E+01-4.600E+01
1991          -4.800E+01-4.600E+01-4.700E+01-4.700E+01-4.500E+01-4.500E+01-4.500E+01-4.500E+01-4.000E+01-3.900E+01
1992          -3.800E+01-4.000E+01-4.400E+01-4.800E+01-5.200E+01-5.400E+01-5.600E+01-5.500E+01-4.900E+01-4.100E+01
1993          -3.000E+01-2.100E+01-7.000E+00 4.000E+00 8.000E+00 1.000E+01 1.400E+01 1.300E+01-2.900E+01-2.600E+01
1994          -2.300E+01
1995          -1.010E+02-9.100E+01-8.900E+01-7.700E+01-6.600E+01-5.600E+01-5.100E+01-4.600E+01-4.600E+01-4.800E+01
1996          -4.800E+01-4.500E+01-5.100E+01-5.300E+01-5.300E+01-5.000E+01-5.000E+01-4.900E+01-4.500E+01-4.200E+01
1997          -4.300E+01-4.500E+01-4.800E+01-5.200E+01-5.600E+01-5.900E+01-6.200E+01-6.200E+01-5.800E+01-5.100E+01
1998          -3.800E+01-2.900E+01-2.000E+01-7.000E+00 1.000E+00 6.000E+00 9.000E+00 9.000E+00 7.000E+00-2.900E+01
1999          -2.600E+01
2000          -1.050E+02-1.050E+02-9.300E+01-8.100E+01-7.900E+01-6.200E+01-5.900E+01-5.400E+01-5.200E+01-5.100E+01
2001          -4.800E+01-4.600E+01-4.900E+01-5.700E+01-5.800E+01-5.800E+01-5.700E+01-5.300E+01-5.000E+01-4.800E+01
2002          -4.800E+01-5.000E+01-5.300E+01-5.700E+01-6.000E+01-6.300E+01-6.700E+01-6.800E+01-6.400E+01-6.000E+01
2003          -4.800E+01-3.500E+01-2.800E+01-2.000E+01-6.000E+00 0.000E+00 4.000E+00 5.000E+00 2.000E+00-3.100E+01
2004          -2.900E+01
2005          -1.090E+02-1.080E+02-9.600E+01-8.400E+01-7.300E+01-6.900E+01-6.900E+01-6.100E+01-5.700E+01-5.200E+01
2006          -4.900E+01-4.900E+01-5.200E+01-5.700E+01-5.400E+01-6.200E+01-6.000E+01-5.800E+01-5.400E+01-5.300E+01
2007          -5.300E+01-5.400E+01-5.800E+01-6.100E+01-6.400E+01-6.700E+01-7.100E+01-7.200E+01-7.000E+01-6.700E+01
2008          -5.800E+01-4.500E+01-3.500E+01-2.700E+01-1.500E+01-6.000E+00 0.000E+00 1.000E+00-1.000E+00-3.000E+00
2009          -3.100E+01
2010          -1.130E+02-1.110E+02-1.090E+02-9.700E+01-8.500E+01-7.600E+01-7.300E+01-7.000E+01-6.200E+01-5.700E+01
2011          -5.300E+01-5.300E+01-5.400E+01-5.500E+01-6.600E+01-7.100E+01-7.100E+01-6.400E+01-5.800E+01-5.800E+01
2012          -5.700E+01-5.900E+01-6.100E+01-6.500E+01-6.800E+01-7.000E+01-7.500E+01-7.800E+01-7.700E+01-7.300E+01
2013          -6.600E+01-5.600E+01-4.300E+01-3.300E+01-2.300E+01-1.400E+01-6.000E+00-4.000E+00-6.000E+00-7.000E+00
2014          -3.300E+01
2015          -1.170E+02-1.140E+02-1.120E+02-1.090E+02-9.700E+01-8.600E+01-8.200E+01-7.800E+01-7.000E+01-6.300E+01
2016          -6.200E+01-6.200E+01-5.800E+01-6.400E+01-6.100E+01-7.700E+01-7.700E+01-6.400E+01-5.900E+01-6.000E+01
2017          -5.800E+01-6.000E+01-6.300E+01-6.800E+01-7.100E+01-7.500E+01-7.900E+01-8.600E+01-8.600E+01-8.000E+01
2018          -7.300E+01-6.600E+01-5.500E+01-4.000E+01-3.100E+01-2.200E+01-1.400E+01-1.000E+01-1.100E+01-1.300E+01
2019           0.000E+00
2020          -1.190E+02-1.170E+02-1.140E+02-1.120E+02-1.090E+02-9.400E+01-9.000E+01-8.500E+01-7.600E+01-6.800E+01
2021          -6.200E+01-6.200E+01-6.500E+01-6.600E+01-7.000E+01-7.100E+01-6.500E+01-5.900E+01-5.900E+01-5.800E+01
2022          -5.900E+01-6.100E+01-6.600E+01-7.000E+01-7.400E+01-7.900E+01-8.600E+01-9.600E+01-1.000E+02-9.300E+01
2023          -8.200E+01-7.400E+01-6.500E+01-5.100E+01-3.800E+01-3.000E+01-2.100E+01-1.700E+01-1.600E+01-1.800E+01
2024          -2.300E+01
2025          -1.220E+02-1.200E+02-1.170E+02-1.140E+02-1.100E+02-1.020E+02-9.900E+01-9.500E+01-8.600E+01-7.700E+01
2026          -7.200E+01-6.900E+01-7.100E+01-7.000E+01-6.500E+01-6.000E+01-5.900E+01-5.600E+01-5.700E+01-5.700E+01
2027          -6.000E+01-6.300E+01-6.800E+01-7.400E+01-7.900E+01-8.500E+01-9.500E+01-1.030E+02-1.080E+02-1.050E+02
2028          -9.500E+01-8.300E+01-7.300E+01-6.100E+01-4.700E+01-3.800E+01-2.900E+01-2.400E+01-2.200E+01-2.300E+01
2029          -2.600E+01
2030          -1.240E+02-1.220E+02-1.190E+02-1.150E+02-1.120E+02-1.070E+02-1.040E+02-9.900E+01-9.300E+01-8.800E+01
2031          -8.300E+01-8.000E+01-7.600E+01-7.000E+01-6.200E+01-5.700E+01-5.700E+01-5.600E+01-5.500E+01-5.600E+01
2032          -5.900E+01-6.400E+01-7.100E+01-7.800E+01-8.400E+01-9.300E+01-1.010E+02-1.090E+02-1.150E+02-1.160E+02
2033          -1.050E+02-9.600E+01-8.300E+01-7.000E+01-5.700E+01-4.600E+01-3.800E+01-3.300E+01-2.900E+01-2.900E+01
2034          -3.000E+01
2035          -1.260E+02-1.240E+02-1.210E+02-1.180E+02-1.140E+02-1.100E+02-1.040E+02-9.900E+01-9.400E+01-9.000E+01
2036          -8.800E+01-8.400E+01-8.200E+01-7.800E+01-7.100E+01-6.400E+01-5.800E+01-5.700E+01-5.600E+01-5.800E+01
2037          -5.900E+01-6.600E+01-7.400E+01-8.200E+01-9.300E+01-1.000E+02-1.070E+02-1.140E+02-1.200E+02-1.240E+02
2038          -1.170E+02-1.060E+02-9.500E+01-7.800E+01-6.500E+01-5.400E+01-4.600E+01-4.100E+01-3.600E+01-3.400E+01
2039          -3.400E+01
2040          -1.280E+02-1.260E+02-1.230E+02-1.200E+02-1.160E+02-1.110E+02-1.060E+02-1.010E+02-9.700E+01-9.500E+01
2041          -9.300E+01-9.100E+01-8.800E+01-8.400E+01-8.100E+01-7.700E+01-7.200E+01-6.600E+01-6.400E+01-6.200E+01
2042          -6.200E+01-6.900E+01-7.900E+01-9.100E+01-1.000E+02-1.060E+02-1.120E+02-1.190E+02-1.250E+02-1.300E+02
2043          -1.260E+02-1.150E+02-1.050E+02-8.900E+01-7.200E+01-6.200E+01-5.500E+01-5.000E+01-4.400E+01-4.000E+01
2044          -3.900E+01
2045          -1.300E+02-1.280E+02-1.250E+02-1.230E+02-1.190E+02-1.140E+02-1.090E+02-1.050E+02-1.020E+02-1.000E+02
2046          -9.900E+01-9.700E+01-9.400E+01-9.100E+01-8.800E+01-8.600E+01-8.200E+01-7.900E+01-7.900E+01-7.700E+01
2047          -7.400E+01-7.400E+01-8.400E+01-9.900E+01-1.050E+02-1.110E+02-1.170E+02-1.230E+02-1.290E+02-1.350E+02
2048          -1.330E+02-1.240E+02-1.130E+02-1.010E+02-8.000E+01-6.900E+01-6.200E+01-5.800E+01-5.200E+01-4.700E+01
2049          -4.300E+01
2050          -1.320E+02-1.300E+02-1.270E+02-1.250E+02-1.220E+02-1.170E+02-1.130E+02-1.090E+02-1.070E+02-1.050E+02
2051          -1.040E+02-1.020E+02-1.000E+02-9.700E+01-9.400E+01-9.200E+01-8.900E+01-8.800E+01-8.900E+01-8.700E+01
2052          -8.100E+01-8.000E+01-9.400E+01-1.040E+02-1.100E+02-1.150E+02-1.210E+02-1.280E+02-1.330E+02-1.400E+02
2053          -1.410E+02-1.340E+02-1.220E+02-1.090E+02-9.000E+01-7.600E+01-6.800E+01-6.400E+01-5.900E+01-5.400E+01
2054          -4.900E+01
2055          -1.330E+02-1.320E+02-1.300E+02-1.280E+02-1.230E+02-1.200E+02-1.170E+02-1.140E+02-1.110E+02-1.100E+02
2056          -1.080E+02-1.070E+02-1.050E+02-1.030E+02-1.000E+02-9.800E+01-9.600E+01-9.700E+01-9.700E+01-9.500E+01
2057          -9.000E+01-9.000E+01-1.000E+02-1.080E+02-1.140E+02-1.190E+02-1.250E+02-1.320E+02-1.370E+02-1.440E+02
2058          -1.470E+02-1.420E+02-1.340E+02-1.170E+02-1.000E+02-8.400E+01-7.400E+01-6.900E+01-6.500E+01-6.000E+01
2059          -5.500E+01
2060          -1.350E+02-1.340E+02-1.320E+02-1.290E+02-1.270E+02-1.230E+02-1.210E+02-1.180E+02-1.160E+02-1.140E+02
2061          -1.130E+02-1.110E+02-1.100E+02-1.080E+02-1.060E+02-1.050E+02-1.040E+02-1.070E+02-1.070E+02-1.050E+02
2062          -9.900E+01-9.800E+01-1.030E+02-1.120E+02-1.180E+02-1.240E+02-1.300E+02-1.360E+02-1.420E+02-1.480E+02
2063          -1.520E+02-1.490E+02-1.420E+02-1.280E+02-1.110E+02-9.400E+01-8.100E+01-7.500E+01-7.000E+01-6.500E+01
2064          -6.000E+01
2065          -1.370E+02-1.360E+02-1.340E+02-1.320E+02-1.290E+02-1.270E+02-1.250E+02-1.230E+02-1.210E+02-1.190E+02
2066          -1.170E+02-1.160E+02-1.140E+02-1.130E+02-1.120E+02-1.110E+02-1.110E+02-1.150E+02-1.180E+02-1.130E+02
2067          -1.070E+02-1.040E+02-1.090E+02-1.160E+02-1.230E+02-1.280E+02-1.340E+02-1.400E+02-1.460E+02-1.530E+02
2068          -1.580E+02-1.550E+02-1.500E+02-1.380E+02-1.210E+02-1.040E+02-8.900E+01-8.000E+01-7.400E+01-7.000E+01
2069          -6.400E+01
2070          -1.390E+02-1.380E+02-1.370E+02-1.350E+02-1.330E+02-1.310E+02-1.290E+02-1.280E+02-1.260E+02-1.240E+02
2071          -1.220E+02-1.210E+02-1.200E+02-1.190E+02-1.170E+02-1.170E+02-1.180E+02-1.210E+02-1.260E+02-1.210E+02
2072          -1.140E+02-1.100E+02-1.150E+02-1.210E+02-1.270E+02-1.320E+02-1.380E+02-1.450E+02-1.510E+02-1.580E+02
2073          -1.620E+02-1.600E+02-1.570E+02-1.470E+02-1.320E+02-1.130E+02-9.700E+01-8.600E+01-7.900E+01-7.400E+01
2074          -6.900E+01
2075          -1.410E+02-1.410E+02-1.400E+02-1.380E+02-1.370E+02-1.350E+02-1.340E+02-1.330E+02-1.310E+02-1.290E+02
2076          -1.280E+02-1.260E+02-1.250E+02-1.240E+02-1.240E+02-1.230E+02-1.250E+02-1.290E+02-1.350E+02-1.370E+02
2077          -1.210E+02-1.160E+02-1.190E+02-1.240E+02-1.310E+02-1.360E+02-1.420E+02-1.490E+02-1.550E+02-1.620E+02
2078          -1.660E+02-1.640E+02-1.620E+02-1.550E+02-1.410E+02-1.230E+02-1.060E+02-9.100E+01-8.400E+01-7.800E+01
2079          -7.400E+01
2080          -1.430E+02-1.430E+02-1.420E+02-1.410E+02-1.400E+02-1.400E+02-1.390E+02-1.370E+02-1.360E+02-1.350E+02
2081          -1.340E+02-1.320E+02-1.310E+02-1.300E+02-1.300E+02-1.300E+02-1.310E+02-1.350E+02-1.430E+02-1.470E+02
2082          -1.410E+02-1.230E+02-1.210E+02-1.280E+02-1.360E+02-1.410E+02-1.470E+02-1.540E+02-1.600E+02-1.650E+02
2083          -1.690E+02-1.680E+02-1.660E+02-1.610E+02-1.500E+02-1.330E+02-1.160E+02-9.700E+01-8.800E+01-8.200E+01
2084          -7.800E+01
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-1.450E+02-1.450E+02-1.450E+02-1.440E+02-1.430E+02-1.430E+02-1.420E+02-1.410E+02-1.410E+02-1.400E+02
-1.390E+02-1.380E+02-1.360E+02-1.360E+02-1.360E+02-1.370E+02-1.380E+02-1.420E+02-1.500E+02-1.570E+02
-1.570E+02-1.410E+02-1.300E+02-1.340E+02-1.400E+02-1.460E+02-1.520E+02-1.580E+02-1.640E+02-1.690E+02
-1.720E+02-1.710E+02-1.690E+02-1.660E+02-1.580E+02-1.420E+02-1.250E+02-1.050E+02-9.200E+01-8.600E+01
-8.200E+01
-1.470E+02-1.470E+02-1.470E+02-1.460E+02-1.460E+02-1.460E+02-1.450E+02-1.440E+02-1.450E+02-1.440E+02
-1.430E+02-1.430E+02-1.410E+02-1.410E+02-1.420E+02-1.430E+02-1.450E+02-1.500E+02-1.560E+02-1.610E+02
-1.620E+02-1.560E+02-1.400E+02-1.400E+02-1.450E+02-1.500E+02-1.560E+02-1.630E+02-1.680E+02-1.720E+02
-1.750E+02-1.750E+02-1.730E+02-1.690E+02-1.630E+02-1.530E+02-1.340E+02-1.140E+02-9.700E+01-8.900E+01
-8.500E+01
-1.490E+02-1.490E+02-1.490E+02-1.490E+02-1.490E+02-1.480E+02-1.480E+02-1.480E+02-1.480E+02-1.480E+02
-1.470E+02-1.470E+02-1.460E+02-1.460E+02-1.470E+02-1.480E+02-1.510E+02-1.550E+02-1.610E+02-1.630E+02
-1.650E+02-1.630E+02-1.560E+02-1.480E+02-1.500E+02-1.550E+02-1.600E+02-1.670E+02-1.720E+02-1.760E+02
-1.790E+02-1.790E+02-1.760E+02-1.730E+02-1.670E+02-1.600E+02-1.420E+02-1.220E+02-1.030E+02-9.300E+01
-8.800E+01
-1.510E+02-1.520E+02-1.510E+02-1.510E+02-1.510E+02-1.510E+02-1.510E+02-1.510E+02-1.510E+02-1.510E+02
-1.510E+02-1.510E+02-1.510E+02-1.510E+02-1.520E+02-1.530E+02-1.560E+02-1.590E+02-1.640E+02-1.680E+02
-1.690E+02-1.690E+02-1.630E+02-1.590E+02-1.580E+02-1.600E+02-1.650E+02-1.710E+02-1.770E+02-1.810E+02
-1.820E+02-1.820E+02-1.800E+02-1.770E+02-1.710E+02-1.650E+02-1.520E+02-1.300E+02-1.110E+02-9.700E+01
-9.100E+01
-1.540E+02-1.540E+02-1.540E+02-1.540E+02-1.540E+02-1.540E+02-1.540E+02-1.550E+02-1.550E+02-1.550E+02
-1.560E+02-1.560E+02-1.570E+02-1.580E+02-1.580E+02-1.600E+02-1.620E+02-1.660E+02-1.700E+02-1.730E+02
-1.750E+02-1.720E+02-1.700E+02-1.650E+02-1.630E+02-1.650E+02-1.720E+02-1.770E+02-1.810E+02-1.850E+02
-1.870E+02-1.870E+02-1.850E+02-1.820E+02-1.760E+02-1.700E+02-1.620E+02-1.400E+02-1.200E+02-1.040E+02
-9.500E+01
-1.580E+02-1.580E+02-1.580E+02-1.580E+02-1.590E+02-1.590E+02-1.590E+02-1.600E+02-1.600E+02-1.610E+02
-1.620E+02-1.630E+02-1.640E+02-1.650E+02-1.660E+02-1.670E+02-1.700E+02-1.740E+02-1.780E+02-1.810E+02
-1.820E+02-1.820E+02-1.800E+02-1.770E+02-1.750E+02-1.760E+02-1.790E+02-1.840E+02-1.870E+02-1.900E+02
-1.920E+02-1.920E+02-1.910E+02-1.880E+02-1.830E+02-1.760E+02-1.690E+02-1.550E+02-1.310E+02-1.140E+02
-1.020E+02
-1.620E+02-1.630E+02-1.630E+02-1.640E+02-1.640E+02-1.650E+02-1.650E+02-1.660E+02-1.660E+02-1.670E+02
-1.680E+02-1.690E+02-1.700E+02-1.710E+02-1.730E+02-1.750E+02-1.770E+02-1.810E+02-1.850E+02-1.880E+02
-1.900E+02-1.900E+02-1.890E+02-1.870E+02-1.850E+02-1.850E+02-1.870E+02-1.900E+02-1.920E+02-1.950E+02
-1.980E+02-1.980E+02-1.980E+02-1.960E+02-1.910E+02-1.830E+02-1.740E+02-1.650E+02-1.430E+02-1.240E+02
-1.100E+02
-1.690E+02-1.710E+02-1.700E+02-1.710E+02-1.710E+02-1.710E+02-1.710E+02-1.720E+02-1.720E+02-1.730E+02
-1.740E+02-1.750E+02-1.760E+02-1.780E+02-1.800E+02-1.820E+02-1.850E+02-1.880E+02-1.910E+02-1.960E+02
-1.980E+02-1.990E+02-1.970E+02-1.970E+02-1.950E+02-1.950E+02-1.950E+02-1.970E+02-1.990E+02-2.010E+02
-2.040E+02-2.050E+02-2.040E+02-2.030E+02-1.990E+02-1.930E+02-1.820E+02-1.710E+02-1.580E+02-1.330E+02
-1.200E+02
-1.790E+02-1.800E+02-1.800E+02-1.800E+02-1.800E+02-1.800E+02-1.790E+02-1.800E+02-1.810E+02-1.810E+02
-1.820E+02-1.840E+02-1.850E+02-1.880E+02-1.900E+02-1.920E+02-1.940E+02-1.970E+02-2.000E+02-2.030E+02
-2.060E+02-2.070E+02-2.070E+02-2.060E+02-2.060E+02-2.060E+02-2.050E+02-2.060E+02-2.080E+02-2.100E+02
-2.130E+02-2.140E+02-2.140E+02-2.130E+02-2.090E+02-2.030E+02-1.950E+02-1.800E+02-1.680E+02-1.500E+02
-1.320E+02
-1.890E+02-1.900E+02-1.920E+02-1.930E+02-1.940E+02-1.950E+02-1.960E+02-1.960E+02-1.970E+02-1.980E+02
-1.990E+02-2.000E+02-2.010E+02-2.030E+02-2.050E+02-2.060E+02-2.080E+02-2.100E+02-2.130E+02-2.150E+02
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-1.560E+02
-1.980E+02-2.020E+02-2.050E+02-2.070E+02-2.090E+02-2.100E+02-2.110E+02-2.110E+02-2.130E+02-2.140E+02
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-1.750E+02
       61 5.000E-01 (10F10.0)                    -5         TK  lay3
 3.030E-06 3.030E-06 3.030E-06 3.570E-06 4.550E-06 1.250E-05 1.000E-05 1.667E-05 1.250E-05 1.250E-05
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 1.250E-05 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
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 2.040E-07 2.270E-06 2.630E-07 3.570E-06 5.260E-07 7.690E-07 1.750E-07 9.700E-08 1.040E-07 1.520E-07
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-5.000E+00-5.000E+00-4.000E+00 0.000E+00 1.300E+01 9.000E+00 1.200E+01 1.300E+01 1.600E+01 1.800E+01
 1.800E+01 1.800E+01 1.900E+01 2.000E+01 1.900E+01 2.100E+01 1.500E+01 1.100E+01 1.400E+01 1.700E+01
 1.900E+01 2.000E+01 2.000E+01-5.500E+00-6.000E+00-1.000E+00 3.200E+01 3.700E+01 4.000E+01 3.900E+01
 3.900E+01 4.400E+01 4.400E+01 3.900E+01 3.600E+01 2.000E+01 2.000E+01 1.100E+01 0.000E+00 0.000E+00
 1.020E+02
-5.000E+00-3.000E+00-2.000E+00-1.000E+00 4.000E+00 5.000E+00 7.000E+00 1.000E+01 1.300E+01 1.500E+01
 1.500E+01 1.400E+01 1.500E+01 1.700E+01 1.700E+01 1.300E+01-1.500E+01-1.450E+01-1.000E+01-7.000E+00
-5.500E+00 1.900E+01 2.000E+01 2.000E+01-7.000E+00-5.500E+00 3.000E+01 3.400E+01 3.400E+01 3.200E+01
 3.100E+01 3.900E+01 3.900E+01 4.000E+01 4.000E+01 2.600E+01 1.900E+01 2.000E+01 1.500E+01 0.000E+00
 1.030E+02
-6.000E+00-3.000E+00-1.000E+00-1.000E+00 0.000E+00 1.000E+00 5.000E+00 8.000E+00 1.200E+01 1.200E+01
 1.200E+01 1.200E+01 1.200E+01 1.200E+01 1.200E+01-1.600E+01-1.950E+01-1.850E+01-1.450E+01-1.100E+01
-1.000E+01-9.500E+00 1.600E+01 1.900E+01 2.100E+01 2.300E+01 2.700E+01 3.000E+01 2.900E+01 2.500E+01
 2.500E+01 3.500E+01 4.000E+01 4.000E+01 3.900E+01 4.000E+01 2.800E+01 1.900E+01 3.300E+01 0.000E+00
 9.000E+01
-6.000E+00-4.000E+00-4.000E+00-4.000E+00-2.000E+00 0.000E+00 3.000E+00 7.000E+00 9.000E+00 9.000E+00
 9.000E+00 9.000E+00-1.750E+01-1.700E+01-1.750E+01-1.950E+01-2.000E+01-2.050E+01-1.800E+01-1.600E+01
-1.050E+01-1.400E+01-1.450E+01-1.550E+01-1.500E+01 2.000E+01 2.300E+01 2.700E+01-8.000E+00 1.900E+01
 1.800E+01 2.700E+01 4.000E+01 4.000E+01 4.000E+01 4.000E+01 3.800E+01 3.900E+01 3.500E+01 3.000E+00
 4.500E+01
-6.000E+00-6.000E+00-6.000E+00-7.000E+00-5.000E+00 0.000E+00 1.000E+00 5.000E+00 7.000E+00-2.000E+01
-2.150E+01-2.050E+01-2.150E+01-2.150E+01-2.200E+01-2.250E+01-4.000E+00-6.000E+00-6.000E+00-1.950E+01
-1.850E+01-1.900E+01-2.000E+01-2.000E+01-2.000E+01-1.950E+01 1.900E+01 2.300E+01-1.450E+01 2.000E+01
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 1.900E+01 1.900E+01 3.900E+01 4.000E+01 4.000E+01 3.900E+01 3.900E+01 3.900E+01 3.400E+01 4.000E+00
 0.000E+00
-6.000E+00-9.000E+00-9.000E+00-1.000E+01-8.000E-00-2.000E+00-2.550E+01-2.200E+01-2.150E+01-2.250E+01
-2.300E+01-2.150E+01-2.500E+01-2.650E+01-2.000E+00-3.000E+00-8.000E+00-1.300E+01-1.400E+01-9.000E+00
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 2.000E+01 1.900E+01 1.400E+01 3.800E+01 4.000E+01 4.000E+01 4.000E+01 4.000E+01 3.900E+01 0.000E+00
 2.000E+00
-6.000E+00-1.100E+01-1.200E+01-4.650E+01-1.200E+01-1.000E+01-3.350E+01-3.000E+00-2.000E+00-2.550E+01
-1.000E+00-1.000E+00-3.000E+00-4.000E+00-7.000E+00-9.000E+00-1.200E+01-1.700E+01-1.900E+01-1.800E+01
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 2.000E+01 1.900E+01 1.600E+01 2.400E+01 3.900E+01 4.000E+01 3.900E+01 3.900E+01 4.000E+01 0.000E+00
 5.000E+00
-1.000E+01-1.500E+01-1.600E+01-1.800E+01-1.700E+01-1.800E+01-1.700E+01-1.300E+01-1.000E+01-9.000E+00
-7.000E+00-8.000E+00-8.000E+00-8.000E+00-1.100E+01-1.400E+01-1.600E+01-1.900E+01-2.000E+01-1.900E+01
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 1.200E+01 2.000E+01 1.900E+01 1.900E+01 4.100E+01 3.800E+01 3.500E+01 3.800E+01 2.700E+01 0.000E+00
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-1.400E+01-1.800E+01-2.100E+01-2.400E+01-2.500E+01-2.600E+01-2.600E+01-2.300E+01-2.000E+01-1.700E+01
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-2.000E+01-2.100E+01-2.100E+01-2.000E+01-1.600E+01-8.000E+00-3.750E+01-3.600E+01-3.300E+01-3.350E+01
 0.000E+00 1.900E+01 9.000E+00 1.900E+01 1.800E+01 3.500E+01 3.100E+01 3.400E+01 2.000E+01 0.000E+00
 4.000E+00
-1.900E+01-2.500E+01-2.900E+01-3.200E+01-3.400E+01-3.500E+01-3.400E+01-3.300E+01-3.100E+01-2.900E+01
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-1.900E+01-2.000E+01-2.100E+01-2.200E+01-2.100E+01-1.700E+01-5.000E+00-4.150E+01-3.900E+01-4.000E+01
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 1.800E+01
-2.500E+01-3.300E+01-3.800E+01-4.000E+01-4.200E+01-4.200E+01-4.200E+01-4.100E+01-4.000E+01-4.000E+01
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-1.900E+01-2.000E+01-2.000E+01-2.200E+01-2.100E+01-2.200E+01-1.400E+01-2.000E+00-4.850E+01-4.600E+01
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 2.000E+01
-3.200E+01-4.100E+01-4.800E+01-5.100E+01-5.000E+01-5.000E+01-4.800E+01-4.800E+01-4.700E+01-4.600E+01
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-3.900E+01-4.900E+01-5.700E+01-5.900E+01-5.800E+01-5.700E+01-5.400E+01-5.300E+01-5.100E+01-5.100E+01
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-4.500E+01-5.700E+01-6.200E+01-6.200E+01-6.200E+01-6.100E+01-6.000E+01-5.700E+01-5.600E+01-5.400E+01
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-1.400E+01-6.250E+01-5.650E+01-4.000E+00-3.600E+01-2.850E+01-2.100E+01 1.500E+01 1.900E+01 1.900E+01
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-3.500E+01-3.300E+01-3.100E+01-2.900E+01-2.600E+01-2.200E+01-1.900E+01-1.500E+01-4.050E+01 0.000E+00
-3.000E+00
-6.600E+01-7.000E+01-7.100E+01-7.200E+01-7.300E+01-7.400E+01-7.300E+01-7.300E+01-7.300E+01-7.400E+01
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-8.500E+01-8.700E+01-8.800E+01-9.000E+01-9.100E+01-9.400E+01-9.600E+01-9.800E+01-1.000E+02-1.000E+02
-1.000E+02-9.600E+01-8.500E+01-7.700E+01-7.400E+01-7.100E+01-7.000E+01-6.600E+01-6.400E+01-6.000E+01
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-1.400E+01
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-2.000E+01
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-2.300E+01
-7.700E+01-8.100E+01-8.400E+01-8.700E+01-9.000E+01-9.200E+01-9.500E+01-9.600E+01-9.800E+01-1.000E+02
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-1.000E+02-1.000E+02-1.000E+02-1.000E+02-1.000E+02-9.400E+01-8.400E+01-7.600E+01-7.200E+01-7.000E+01
-6.900E+01-6.600E+01-6.300E+01-5.900E+01-5.400E+01-5.000E+01-4.700E+01-4.300E+01-3.900E+01-3.400E+01
-2.800E+01
-8.000E+01-8.400E+01-8.800E+01-9.300E+01-9.500E+01-9.700E+01-9.900E+01-1.000E+02-1.000E+02-1.000E+02
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2817 0.000E+00
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4.550E-06 1.000E-04 1.250E-05 4.350E-06 5.260E-06 2.700E-06 3.230E-06 3.850E-06 4.000E-06 4.000E-06
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4.360E-05
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1.950E-05 2.400E-06 3.350E-05 7.700E-05 2.000E-05 5.000E-05 2.800E-06 2.200E-06 2.550E-05 3.850E-06
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4.150E-05 5.000E-05 3.700E-06 2.800E-05 2.350E-06 2.100E-05 1.700E-05 1.500E-06 1.350E-05 1.400E-06
1.650E-06 2.100E-05 2.850E-04 5.250E-06 1.000E-03 5.900E-05 3.150E-06 2.350E-06 2.700E-06 4.000E-05
7.700E-04
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1.000E-06 3.335E-05 1.430E-05 8.350E-06 6.250E-07 4.750E-06 4.350E-06 3.700E-07 3.350E-07 3.050E-06
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2.500E-05
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2.400E-04 2.100E-04 2.000E-03 1.950E-05 2.200E-05 3.350E-05 7.150E-04 2.500E-04 1.250E-03 1.000E-02
1.250E-04
2.000E-05 1.250E-04 8.350E-06 7.150E-06 6.250E-05 5.900E-05 5.000E-05 4.550E-06 4.550E-05 4.150E-05

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3036              1.665E-04 1.250E-03 4.750E-03 5.250E-04 7.150E-03 9.100E-05 1.665E-04 1.000E-03 1.665E-03 5.000E-03
3037              2.700E-04 2.250E-03 2.150E-04 2.100E-04 2.150E-05 2.650E-04 5.000E-05 5.000E-03 1.665E-03 1.000E-03
3038              1.250E-03
3039              1.430E-04 1.110E-04 8.350E-06 7.150E-05 6.650E-05 5.900E-05 5.550E-06 5.250E-06 5.000E-04 4.750E-04
3040              4.350E-04 4.150E-04 3.700E-05 3.700E-04 3.700E-05 3.700E-05 4.150E-04 5.550E-05 9.100E-05 1.250E-03
3041              2.500E-03 2.500E-04 1.250E-02 7.150E-04 9.100E-04 1.250E-03 2.000E-03 1.000E-02 1.430E-03 5.900E-03
3042              3.050E-03 2.450E-04 2.400E-03 2.150E-03 2.200E-05 2.450E-03 4.000E-04 1.250E-03 3.335E-03 1.000E-03
3043              1.110E-04
3044              1.430E-05 1.110E-04 7.700E-05 7.150E-06 6.650E-05 6.250E-06 5.900E-04 5.900E-04 5.550E-04 5.250E-04
3045              5.000E-05 4.550E-05 4.350E-04 4.150E-05 4.150E-05 4.350E-05 5.000E-05 6.250E-05 1.000E-04 2.000E-04
3046              5.000E-04 1.000E-03 3.335E-03 1.665E-03 1.430E-04 1.430E-04 2.500E-04 1.000E-03 1.110E-03 5.250E-04
3047              3.450E-04 2.800E-04 2.500E-04 2.350E-04 2.250E-04 2.400E-04 3.250E-04 7.700E-04 5.000E-03 1.000E-03
3048              1.110E-04
3049              1.430E-05 1.000E-05 8.350E-06 7.700E-06 7.150E-05 6.650E-05 6.250E-05 6.650E-05 6.250E-05 5.900E-05
3050              5.900E-05 5.250E-05 5.250E-05 5.550E-05 5.250E-05 5.900E-05 6.250E-05 8.350E-05 1.430E-04 5.000E-04
3051              1.000E-03 1.000E-02 1.000E-03 2.500E-03 1.430E-04 1.665E-04 1.000E-03 5.000E-04 1.250E-03 5.550E-04
3052              3.700E-04 2.950E-04 2.650E-04 2.500E-04 2.400E-04 2.450E-04 2.700E-04 5.000E-04 1.250E-03 2.000E-03
3053              1.110E-04
3054              1.665E-04 1.250E-04 9.100E-05 8.350E-05 8.350E-05 7.700E-05 7.150E-05 7.700E-05 7.150E-05 7.150E-05
3055              7.150E-05 7.150E-05 6.650E-05 7.150E-05 7.150E-05 7.700E-05 9.100E-05 1.665E-04 5.000E-04 3.335E-04
3056              2.000E-04 1.430E-03 2.000E-03 3.335E-03 1.000E-02 1.000E-03 3.335E-04 1.250E-03 9.100E-04 5.550E-04
3057              3.700E-04 3.050E-04 2.650E-04 2.500E-04 2.400E-04 2.450E-04 2.550E-04 3.350E-04 6.650E-04 1.000E-03
3058              8.350E-05
3059              2.000E-04 1.665E-04 1.250E-03 1.250E-03 1.000E-04 1.000E-04 9.100E-05 9.100E-05 8.350E-05 9.100E-05
3060              8.350E-05 8.350E-05 9.100E-05 8.350E-04 1.000E-03 1.110E-03 1.430E-03 5.000E-03 3.335E-04 1.665E-04
3061              1.110E-04 1.000E-03 1.000E-03 1.250E-03 1.430E-03 1.665E-03 1.430E-03 9.100E-04 7.150E-04 5.000E-04
3062              3.550E-04 2.850E-04 2.500E-04 2.250E-04 2.200E-04 2.350E-04 2.550E-04 2.800E-04 4.350E-04 6.650E-04
3063              6.650E-05
3064              2.000E-03 1.000E-03 2.500E-03 2.000E-03 1.665E-03 1.430E-03 1.250E-04 1.250E-04 1.110E-04 1.110E-04
3065              1.110E-04 1.110E-04 1.110E-04 1.250E-03 1.430E-03 2.000E-03 5.000E-03 5.000E-03 2.000E-03 9.100E-04
3066              7.700E-04 6.650E-04 7.150E-04 7.150E-04 8.350E-04 8.350E-04 9.100E-04 7.150E-04 5.900E-04 4.550E-04
3067              3.150E-04 2.550E-04 2.400E-04 2.150E-04 2.050E-04 2.100E-04 2.350E-04 2.650E-04 2.950E-04 5.250E-04
3068              5.000E-05
3069              1.665E-04 2.500E-04 5.000E-03 1.000E-03 1.000E-02 3.335E-03 2.000E-04 2.000E-04 2.000E-04 1.665E-04
3070              1.665E-04 2.000E-04 2.000E-04 3.335E-04 1.000E-02 1.000E-02 3.335E-03 1.665E-03 1.110E-03 8.350E-04
3071              6.250E-04 5.550E-04 5.550E-04 5.550E-04 5.550E-04 5.550E-04 6.250E-04 5.550E-04 4.750E-04 3.700E-04
3072              2.800E-04 2.250E-04 2.100E-04 1.900E-04 1.850E-04 1.850E-04 1.950E-04 2.350E-04 2.550E-04 3.250E-04
3073              3.850E-05
3074              1.430E-04 1.250E-04 1.430E-04 1.665E-03 1.665E-03 2.000E-03 2.000E-03 2.500E-03 2.500E-03 2.500E-03
3075              3.335E-03 2.500E-03 2.500E-03 1.665E-03 1.430E-03 1.250E-03 1.000E-03 9.100E-04 7.150E-04 5.900E-04
3076              5.550E-04 4.750E-04 4.550E-04 4.350E-04 4.150E-04 4.000E-04 4.150E-04 4.350E-04 3.700E-04 3.250E-04
3077              2.450E-04 1.950E-04 1.750E-04 1.700E-04 1.650E-04 1.650E-04 1.650E-04 1.900E-04 2.100E-04 2.200E-04
3078              2.450E-05
3079              5.000E-04 5.000E-04 2.000E-04 1.430E-03 1.110E-03 1.000E-03 9.100E-04 9.100E-04 7.700E-04 7.150E-04
3080              6.250E-04 5.900E-04 5.550E-04 5.000E-04 4.750E-04 4.350E-04 3.850E-04 3.850E-04 3.700E-04 3.450E-04
3081              3.350E-04 3.250E-04 3.050E-04 2.850E-04 2.800E-04 2.800E-04 2.700E-04 2.500E-04 2.500E-04 2.500E-04
3082              2.250E-04 1.900E-04 1.600E-05 1.450E-05 1.450E-05 1.450E-04 1.450E-04 1.650E-04 1.800E-04 1.800E-04
3083              1.950E-04
3084                    61 1.000E+00 (10F10.0)                  -5            T lay5
3085              1.653E+03 1.760E+03 1.933E+03 2.029E+03 2.079E+03 2.100E+03 2.105E+03 2.105E+03 2.147E+03 2.160E+03
3086              2.190E+03 2.232E+03 2.254E+03 2.263E+03 2.182E+03 2.003E+03 1.727E+03 1.397E+03 1.095E+03 8.912E+02
3087              8.035E+02 8.040E+02 8.606E+02 9.508E+02 1.060E+03 1.178E+03 1.321E+03 1.470E+03 1.578E+03 1.620E+03
3088              1.614E+03 1.520E+03 1.468E+03 1.485E+03 1.474E+03 1.570E+03 1.756E+03 2.120E+03 2.241E+03 2.379E+03
3089              2.603E+03
3090              1.804E+03 1.829E+03 1.869E+03 1.963E+03 2.081E+03 2.150E+03 2.149E+03 2.095E+03 2.016E+03 1.944E+03
3091              1.902E+03 1.888E+03 1.880E+03 1.869E+03 1.844E+03 1.743E+03 1.613E+03 1.510E+03 1.386E+03 1.291E+03
3092              1.235E+03 1.219E+03 1.241E+03 1.269E+03 1.337E+03 1.413E+03 1.507E+03 1.550E+03 1.596E+03 1.579E+03
3093              1.482E+03 1.351E+03 1.226E+03 1.205E+03 1.260E+03 1.429E+03 1.839E+03 1.895E+03 2.203E+03 2.038E+03
3094              2.373E+03
3095              2.044E+03 2.060E+03 2.008E+03 2.069E+03 2.198E+03 2.300E+03 2.342E+03 2.342E+03 2.309E+03 2.259E+03
3096              2.204E+03 2.150E+03 2.097E+03 1.991E+03 1.926E+03 1.915E+03 1.845E+03 1.847E+03 1.881E+03 1.831E+03
3097              1.795E+03 1.773E+03 1.767E+03 1.720E+03 1.735E+03 1.756E+03 1.780E+03 1.791E+03 1.781E+03 1.674E+03
3098              1.489E+03 1.341E+03 1.234E+03 1.169E+03 1.251E+03 1.420E+03 1.706E+03 1.747E+03 2.376E+03 2.026E+03
3099              2.081E+03
3100              2.329E+03 2.375E+03 2.366E+03 2.421E+03 2.450E+03 2.474E+03 2.487E+03 2.490E+03 2.481E+03 2.463E+03
3101              2.436E+03 2.404E+03 2.368E+03 2.329E+03 2.222E+03 2.182E+03 2.140E+03 2.205E+03 2.167E+03 2.131E+03
3102              2.167E+03 2.138E+03 2.116E+03 2.101E+03 2.091E+03 2.036E+03 2.025E+03 2.008E+03 1.981E+03 1.924E+03
3103              1.739E+03 1.604E+03 1.383E+03 1.296E+03 1.363E+03 1.538E+03 1.717E+03 1.797E+03 1.860E+03 1.884E+03
3104              2.067E+03
3105              2.606E+03 2.693E+03 2.641E+03 2.599E+03 2.571E+03 2.549E+03 2.532E+03 2.429E+03 2.403E+03 2.377E+03
3106              2.350E+03 2.388E+03 2.451E+03 2.436E+03 2.428E+03 2.430E+03 2.436E+03 2.453E+03 2.478E+03 2.535E+03
3107              2.552E+03 2.555E+03 2.547E+03 2.513E+03 2.473E+03 2.434E+03 2.392E+03 2.356E+03 2.331E+03 2.138E+03
3108              1.932E+03 1.862E+03 1.816E+03 1.719E+03 1.702E+03 1.677E+03 1.791E+03 1.866E+03 1.874E+03 1.784E+03
3109              2.174E+03
3110              2.662E+03 2.754E+03 2.698E+03 2.578E+03 2.484E+03 2.500E+03 2.457E+03 2.418E+03 2.384E+03 2.143E+03
3111              2.112E+03 2.090E+03 2.080E+03 2.085E+03 2.108E+03 2.152E+03 2.324E+03 2.404E+03 2.552E+03 2.661E+03
3112              2.760E+03 2.825E+03 2.851E+03 2.812E+03 2.744E+03 2.735E+03 2.624E+03 2.509E+03 2.478E+03 2.285E+03
3113              2.346E+03 2.391E+03 2.330E+03 2.165E+03 1.989E+03 1.892E+03 1.924E+03 1.916E+03 1.826E+03 1.773E+03
3114              2.125E+03
3115              2.596E+03 2.628E+03 2.512E+03 2.386E+03 2.367E+03 2.283E+03 2.223E+03 2.169E+03 2.122E+03 2.083E+03
3116              2.053E+03 2.033E+03 2.024E+03 2.029E+03 2.049E+03 2.087E+03 2.145E+03 2.275E+03 2.289E+03 2.405E+03
3117              2.563E+03 2.597E+03 2.636E+03 2.543E+03 2.485E+03 2.402E+03 2.423E+03 2.370E+03 2.347E+03 2.435E+03
3118              2.700E+03 2.923E+03 2.900E+03 2.587E+03 2.254E+03 1.987E+03 1.891E+03 1.840E+03 1.816E+03 1.751E+03
3119              1.971E+03
3120              2.455E+03 2.301E+03 2.185E+03 2.137E+03 2.269E+03 2.186E+03 2.125E+03 2.070E+03 2.021E+03 1.980E+03
3121              1.947E+03 1.922E+03 1.907E+03 1.904E+03 1.818E+03 1.841E+03 1.802E+03 1.893E+03 1.917E+03 1.999E+03
3122              2.081E+03 2.136E+03 2.184E+03 2.210E+03 2.216E+03 2.212E+03 2.126E+03 2.137E+03 2.224E+03 2.642E+03
3123              3.106E+03 3.510E+03 3.510E+03 3.032E+03 2.448E+03 2.049E+03 1.946E+03 1.844E+03 1.790E+03 1.713E+03
3124              1.906E+03
3125              2.077E+03 2.059E+03 1.854E+03 1.779E+03 1.717E+03 1.669E+03 1.831E+03 1.786E+03 1.635E+03 1.607E+03
3126              1.584E+03 1.580E+03 1.563E+03 1.554E+03 1.553E+03 1.531E+03 1.551E+03 1.580E+03 1.691E+03 1.747E+03
3127              1.808E+03 1.870E+03 1.901E+03 1.947E+03 1.987E+03 2.026E+03 1.973E+03 2.047E+03 2.187E+03 2.527E+03
3128              3.191E+03 3.679E+03 3.710E+03 3.192E+03 2.543E+03 2.092E+03 1.953E+03 1.819E+03 1.673E+03 1.646E+03
3129              1.708E+03
```

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3130  1.937E+03 1.816E+03 1.762E+03 1.644E+03 1.600E+03 1.510E+03 1.490E+03 1.628E+03 1.595E+03 1.563E+03
3131  1.534E+03 1.435E+03 1.420E+03 1.412E+03 1.411E+03 1.455E+03 1.471E+03 1.496E+03 1.529E+03 1.567E+03
3132  1.696E+03 1.758E+03 1.791E+03 1.839E+03 1.886E+03 1.830E+03 1.874E+03 1.953E+03 2.086E+03 2.393E+03
3133  2.904E+03 3.441E+03 3.498E+03 3.074E+03 2.488E+03 2.070E+03 1.932E+03 1.788E+03 1.636E+03 1.632E+03
3134  1.641E+03
3135  1.763E+03 1.766E+03 1.725E+03 1.618E+03 1.522E+03 1.501E+03 1.484E+03 1.468E+03 1.577E+03 1.543E+03
3136  1.440E+03 1.417E+03 1.397E+03 1.384E+03 1.381E+03 1.419E+03 1.435E+03 1.461E+03 1.495E+03 1.535E+03
3137  1.577E+03 1.523E+03 1.752E+03 1.801E+03 1.847E+03 1.787E+03 1.829E+03 1.902E+03 2.053E+03 2.302E+03
3138  2.758E+03 3.191E+03 3.333E+03 2.964E+03 2.443E+03 2.050E+03 1.917E+03 1.770E+03 1.616E+03 1.598E+03
3139  1.604E+03
3140  1.676E+03 1.697E+03 1.678E+03 1.524E+03 1.506E+03 1.489E+03 1.476E+03 1.462E+03 1.470E+03 1.440E+03
3141  1.420E+03 1.388E+03 1.358E+03 1.341E+03 1.339E+03 1.371E+03 1.388E+03 1.416E+03 1.452E+03 1.495E+03
3142  1.541E+03 1.492E+03 1.510E+03 1.755E+03 1.818E+03 1.730E+03 1.764E+03 1.858E+03 1.950E+03 2.151E+03
3143  2.519E+03 2.878E+03 2.964E+03 2.782E+03 2.361E+03 2.013E+03 1.861E+03 1.742E+03 1.584E+03 1.545E+03
3144  1.544E+03
3145  1.587E+03 1.632E+03 1.510E+03 1.502E+03 1.490E+03 1.478E+03 1.467E+03 1.455E+03 1.462E+03 1.431E+03
3146  1.401E+03 1.355E+03 1.312E+03 1.294E+03 1.304E+03 1.338E+03 1.354E+03 1.380E+03 1.418E+03 1.464E+03
3147  1.514E+03 1.472E+03 1.491E+03 1.517E+03 1.780E+03 1.679E+03 1.700E+03 1.773E+03 1.837E+03 1.984E+03
3148  2.264E+03 2.554E+03 2.650E+03 2.578E+03 2.265E+03 1.970E+03 1.834E+03 1.711E+03 1.550E+03 1.486E+03
3149  1.476E+03
3150  1.491E+03 1.441E+03 1.479E+03 1.481E+03 1.474E+03 1.464E+03 1.456E+03 1.383E+03 1.363E+03 1.373E+03
3151  1.368E+03 1.306E+03 1.240E+03 1.231E+03 1.288E+03 1.343E+03 1.346E+03 1.359E+03 1.393E+03 1.442E+03
3152  1.497E+03 1.471E+03 1.498E+03 1.507E+03 1.503E+03 1.780E+03 1.678E+03 1.686E+03 1.717E+03 1.809E+03
3153  1.951E+03 2.241E+03 2.346E+03 2.255E+03 2.163E+03 1.927E+03 1.847E+03 1.680E+03 1.513E+03 1.420E+03
3154  1.397E+03
3155  1.269E+03 1.386E+03 1.450E+03 1.460E+03 1.456E+03 1.448E+03 1.376E+03 1.381E+03 1.383E+03 1.378E+03
3156  1.370E+03 1.287E+03 1.167E+03 1.169E+03 1.311E+03 1.380E+03 1.352E+03 1.355E+03 1.378E+03 1.426E+03
3157  1.384E+03 1.408E+03 1.416E+03 1.507E+03 1.284E+03 1.495E+03 1.472E+03 1.597E+03 1.591E+03 1.562E+03
3158  1.703E+03 1.952E+03 2.068E+03 2.057E+03 1.899E+03 1.906E+03 1.820E+03 1.648E+03 1.475E+03 1.200E+03
3159  1.309E+03
3160  1.168E+03 1.326E+03 1.420E+03 1.439E+03 1.436E+03 1.362E+03 1.367E+03 1.371E+03 1.375E+03 1.400E+03
3161  1.379E+03 1.307E+03 1.149E+03 1.138E+03 1.349E+03 1.486E+03 1.398E+03 1.339E+03 1.323E+03 1.354E+03
3162  1.399E+03 1.431E+03 1.442E+03 1.351E+03 1.304E+03 1.242E+03 1.361E+03 1.309E+03 1.383E+03 1.384E+03
3163  1.470E+03 1.690E+03 1.819E+03 1.774E+03 1.815E+03 1.794E+03 1.725E+03 1.594E+03 1.437E+03 1.141E+03
3164  1.090E+03
3165  1.050E+03 1.260E+03 1.370E+03 1.415E+03 1.340E+03 1.349E+03 1.353E+03 1.357E+03 1.361E+03 1.382E+03
3166  1.375E+03 1.346E+03 1.272E+03 1.241E+03 1.359E+03 1.457E+03 1.405E+03 1.320E+03 1.301E+03 1.360E+03
3167  1.425E+03 1.464E+03 1.473E+03 1.377E+03 1.322E+03 1.252E+03 1.144E+03 1.236E+03 1.072E+03 1.037E+03
3168  1.088E+03 1.290E+03 1.493E+03 1.611E+03 1.742E+03 1.773E+03 1.752E+03 1.577E+03 1.302E+03 1.077E+03
3169  1.026E+03
3170  9.131E+02 1.186E+03 1.339E+03 1.305E+03 1.324E+03 1.332E+03 1.338E+03 1.345E+03 1.356E+03 1.370E+03
3171  1.353E+03 1.308E+03 1.250E+03 1.273E+03 1.358E+03 1.415E+03 1.381E+03 1.294E+03 1.296E+03 1.397E+03
3172  1.476E+03 1.507E+03 1.506E+03 1.400E+03 1.336E+03 1.255E+03 1.133E+03 1.064E+03 9.593E+02 8.854E+02
3173  9.076E+02 1.094E+03 1.252E+03 1.470E+03 1.525E+03 1.593E+03 1.755E+03 1.567E+03 1.285E+03 1.010E+03
3174  9.311E+02
3175  7.603E+02 1.105E+03 1.272E+03 1.285E+03 1.302E+03 1.311E+03 1.320E+03 1.335E+03 1.359E+03 1.380E+03
3176  1.349E+03 1.268E+03 1.214E+03 1.301E+03 1.412E+03 1.465E+03 1.448E+03 1.392E+03 1.415E+03 1.502E+03
3177  1.549E+03 1.552E+03 1.532E+03 1.415E+03 1.343E+03 1.253E+03 1.017E+03 9.826E+02 8.401E+02 7.341E+02
3178  7.447E+02 8.538E+02 1.025E+03 1.104E+03 1.478E+03 1.603E+03 1.705E+03 1.562E+03 1.274E+03 9.408E+02
3179  8.170E+02
3180  6.009E+02 9.970E+02 1.165E+03 1.223E+03 1.273E+03 1.283E+03 1.296E+03 1.317E+03 1.343E+03 1.365E+03
3181  1.345E+03 1.324E+03 1.350E+03 1.432E+03 1.518E+03 1.567E+03 1.580E+03 1.577E+03 1.600E+03 1.618E+03
3182  1.604E+03 1.573E+03 1.421E+03 1.416E+03 1.247E+03 1.148E+03 9.955E+02 8.975E+02 7.134E+02 5.819E+02
3183  5.997E+02 7.212E+02 9.051E+02 1.014E+03 1.442E+03 1.549E+03 1.740E+03 1.571E+03 1.274E+03 8.737E+02
3184  7.001E+02
3185  4.554E+02 8.546E+02 1.136E+03 1.187E+03 1.198E+03 1.240E+03 1.258E+03 1.284E+03 1.309E+03 1.324E+03
3186  1.367E+03 1.408E+03 1.479E+03 1.558E+03 1.623E+03 1.663E+03 1.680E+03 1.678E+03 1.668E+03 1.633E+03
3187  1.584E+03 1.478E+03 1.436E+03 1.311E+03 1.238E+03 1.139E+03 9.729E+02 7.284E+02 5.816E+02 4.315E+02
3188  4.767E+02 6.143E+02 7.120E+02 9.448E+02 1.317E+03 1.561E+03 1.734E+03 1.602E+03 1.287E+03 8.180E+02
3189  5.848E+02
3190  3.485E+02 8.094E+02 1.108E+03 1.143E+03 1.135E+03 1.139E+03 1.164E+03 1.232E+03 1.270E+03 1.311E+03
3191  1.360E+03 1.484E+03 1.567E+03 1.643E+03 1.693E+03 1.714E+03 1.696E+03 1.667E+03 1.605E+03 1.524E+03
3192  1.409E+03 1.377E+03 1.371E+03 1.285E+03 1.230E+03 1.136E+03 9.573E+02 6.768E+02 4.558E+02 2.925E+02
3193  3.835E+02 4.671E+02 6.477E+02 8.933E+02 1.293E+03 1.568E+03 1.765E+03 1.641E+03 1.317E+03 7.697E+02
3194  4.768E+02
3195  3.157E+02 7.891E+02 1.081E+03 1.091E+03 1.052E+03 1.033E+03 1.053E+03 1.139E+03 1.211E+03 1.292E+03
3196  1.375E+03 1.459E+03 1.626E+03 1.687E+03 1.711E+03 1.701E+03 1.650E+03 1.588E+03 1.469E+03 1.326E+03
3197  1.208E+03 1.227E+03 1.240E+03 1.263E+03 1.233E+03 1.146E+03 9.583E+02 6.468E+02 3.638E+02 1.877E+02
3198  2.993E+02 4.213E+02 6.057E+02 8.585E+02 1.274E+03 1.571E+03 1.784E+03 1.678E+03 1.365E+03 7.480E+02
3199  3.845E+02
3200  3.508E+02 7.982E+02 1.061E+03 1.037E+03 9.523E+02 8.917E+02 8.963E+02 9.980E+02 1.119E+03 1.250E+03
3201  1.368E+03 1.466E+03 1.538E+03 1.690E+03 1.673E+03 1.599E+03 1.550E+03 1.442E+03 1.291E+03 1.070E+03
3202  9.426E+02 1.037E+03 1.192E+03 1.270E+03 1.202E+03 1.117E+03 9.300E+02 6.235E+02 3.193E+02 1.666E+02
3203  2.893E+02 3.966E+02 5.855E+02 8.394E+02 1.261E+03 1.567E+03 1.793E+03 1.710E+03 1.430E+03 7.709E+02
3204  3.217E+02
3205  4.383E+02 8.327E+02 1.046E+03 9.893E+02 8.540E+02 7.389E+02 7.170E+02 8.273E+02 1.005E+03 1.193E+03
3206  1.346E+03 1.445E+03 1.516E+03 1.540E+03 1.552E+03 1.400E+03 1.383E+03 1.397E+03 1.258E+03 9.564E+02
3207  7.816E+02 9.787E+02 1.193E+03 1.275E+03 1.270E+03 1.175E+03 9.841E+02 6.861E+02 3.745E+02 2.566E+02
3208  2.824E+02 3.952E+02 5.875E+02 8.352E+02 1.254E+03 1.608E+03 1.777E+03 1.740E+03 1.508E+03 8.597E+02
3209  3.195E+02
3210  5.554E+02 8.837E+02 1.046E+03 9.609E+02 7.897E+02 6.323E+02 5.773E+02 6.972E+02 9.187E+02 1.143E+03
3211  1.324E+03 1.443E+03 1.508E+03 1.421E+03 1.424E+03 1.370E+03 1.320E+03 1.389E+03 1.351E+03 1.132E+03
3212  1.045E+03 1.281E+03 1.460E+03 1.449E+03 1.358E+03 1.230E+03 9.760E+02 7.150E+02 4.941E+02 3.699E+02
3213  3.101E+02 4.254E+02 6.119E+02 8.934E+02 1.253E+03 1.601E+03 1.768E+03 1.766E+03 1.593E+03 9.874E+02
3214  4.147E+02
3215  6.814E+02 9.432E+02 1.058E+03 9.634E+02 7.656E+02 6.268E+02 5.873E+02 6.912E+02 9.154E+02 1.152E+03
3216  1.333E+03 1.333E+03 1.461E+03 1.475E+03 1.426E+03 1.403E+03 1.373E+03 1.425E+03 1.477E+03 1.544E+03
3217  1.818E+03 2.091E+03 1.923E+03 1.674E+03 1.477E+03 1.257E+03 1.052E+03 8.151E+02 6.173E+02 4.700E+02
3218  3.910E+02 4.920E+02 6.571E+02 9.170E+02 1.258E+03 1.596E+03 1.759E+03 1.791E+03 1.598E+03 1.226E+03
3219  6.216E+02
3220  8.038E+02 1.006E+03 1.085E+03 9.544E+02 8.320E+02 7.311E+02 7.123E+02 7.949E+02 9.579E+02 1.130E+03
3221  1.264E+03 1.351E+03 1.463E+03 1.475E+03 1.439E+03 1.454E+03 1.444E+03 1.497E+03 1.602E+03 1.803E+03
3222  2.256E+03 2.529E+03 2.189E+03 1.757E+03 1.496E+03 1.306E+03 1.115E+03 9.089E+02 7.334E+02 5.805E+02
3223  5.073E+02 5.865E+02 7.187E+02 9.512E+02 1.268E+03 1.593E+03 1.752E+03 1.816E+03 1.682E+03 1.491E+03
3224  9.078E+02
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7.944E+02 1.072E+03 1.095E+03 1.014E+03 9.448E-02 8.523E-02 8.623E+02 9.283E+02 1.082E+03 1.210E+03
1.311E+03 1.376E+03 1.472E+03 1.480E+03 1.448E+03 1.480E+03 1.478E+03 1.531E+03 1.626E+03 1.779E+03
2.062E+03 2.194E+03 1.960E+03 1.654E+03 1.440E+03 1.308E+03 1.156E+03 9.888E+02 8.396E+02 6.975E+02
6.327E+02 6.017E+02 7.903E+02 9.931E+02 1.283E+03 1.594E+03 1.749E+03 1.869E+03 1.756E+03 1.720E+03
1.212E+03
8.706E+02 1.105E+03 1.137E+03 1.019E+03 9.912E-02 9.834E+02 1.007E+03 1.064E+03 1.199E+03 1.288E+03
1.359E+03 1.403E+03 1.480E+03 1.478E+03 1.442E+03 1.476E+03 1.480E+03 1.522E+03 1.522E+03 1.520E+03
1.522E+03 1.487E+03 1.435E+03 1.381E+03 1.321E+03 1.251E+03 1.175E+03 1.052E+03 9.323E+02 8.085E+02
7.122E+02 6.924E+02 8.655E+02 9.914E+02 1.303E+03 1.599E+03 1.751E+03 1.898E+03 1.818E+03 1.870E+03
1.483E+03
9.379E+02 9.736E+02 1.092E+03 1.090E+03 1.084E+03 1.095E+03 1.123E+03 1.170E+03 1.293E+03 1.353E+03
1.399E+03 1.423E+03 1.476E+03 1.449E+03 1.393E+03 1.411E+03 1.434E+03 1.439E+03 1.406E+03 1.297E+03
1.055E+03 8.645E+02 9.500E+02 1.111E+03 1.192E+03 1.203E+03 1.162E+03 1.101E+03 1.009E+03 9.049E+02
8.109E+02 7.772E+02 7.745E+02 1.038E+03 1.326E+03 1.609E+03 1.759E+03 1.759E+03 1.866E+03 1.937E+03
1.703E+03
9.264E+02 8.994E+02 1.152E+03 1.160E+03 1.167E+03 1.185E+03 1.212E+03 1.250E+03 1.362E+03 1.401E+03
1.426E+03 1.432E+03 1.457E+03 1.395E+03 1.302E+03 1.258E+03 1.314E+03 1.396E+03 1.363E+03 1.204E+03
8.990E+02 6.961E+02 7.911E+02 9.917E+02 1.122E+03 1.174E+03 1.169E+03 1.116E+03 1.068E+03 9.829E+02
8.942E+02 8.526E+02 8.366E+02 1.085E+03 1.351E+03 1.623E+03 1.697E+03 1.783E+03 1.905E+03 1.952E+03
1.885E+03
9.381E-02 9.368E+02 1.216E+03 1.228E+03 1.240E+03 1.259E+03 1.282E+03 1.311E+03 1.415E+03 1.436E+03
1.446E+03 1.437E+03 1.443E+03 1.308E+03 1.238E+03 1.200E+03 1.260E+03 1.361E+03 1.350E+03 1.224E+03
9.994E+02 8.584E+02 8.904E+02 1.022E+03 1.123E+03 1.172E+03 1.178E+03 1.142E+03 1.110E+03 1.041E+03
9.606E+02 9.165E+02 8.922E+02 9.122E+02 1.336E+03 1.614E+03 1.707E+03 1.809E+03 1.940E+03 1.956E+03
2.053E+03
8.986E+02 9.726E-02 1.112E+03 1.294E+03 1.306E+03 1.323E+03 1.340E+03 1.354E+03 1.376E+03 1.466E+03
1.465E+03 1.447E+03 1.361E+03 1.317E+03 1.262E+03 1.238E+03 1.283E+03 1.357E+03 1.347E+03 1.248E+03
1.130E+03 1.045E+03 1.041E+03 1.089E+03 1.160E+03 1.188E+03 1.187E+03 1.070E+03 1.021E+03 9.619E+02
8.924E+02 9.684E+02 9.405E+02 9.545E+02 1.466E+03 1.635E+03 1.749E+03 1.837E+03 1.992E+03 1.987E+03
2.236E+03
9.365E+02 1.082E+03 1.091E+03 1.137E+03 1.369E+03 1.381E+03 1.393E+03 1.399E+03 1.413E+03 1.495E+03
1.408E+03 1.398E+03 1.378E+03 1.348E+03 1.317E+03 1.309E+03 1.335E+03 1.346E+03 1.348E+03 1.278E+03
1.214E+03 1.165E+03 1.150E+03 1.160E+03 1.128E+03 1.124E+03 1.099E+03 1.058E+03 1.017E+03 9.708E+02
9.147E+02 1.008E+03 9.814E+02 9.932E+02 1.318E+03 1.490E+03 1.581E+03 1.817E+03 2.036E+03 2.066E+03
2.447E+03
1.044E+03 1.117E+03 1.125E+03 1.171E+03 1.207E+03 1.238E+03 1.435E+03 1.444E+03 1.451E+03 1.435E+03
1.430E+03 1.419E+03 1.403E+03 1.384E+03 1.368E+03 1.365E+03 1.312E+03 1.321E+03 1.280E+03 1.297E+03
1.261E+03 1.230E+03 1.161E+03 1.147E+03 1.131E+03 1.107E+03 1.067E+03 1.019E+03 9.862E+02 9.596E+02
9.232E-02 8.937E+02 8.599E+02 1.028E+03 1.353E+03 1.496E+03 1.602E+03 1.846E+03 2.088E+03 2.191E+03
2.684E+03
1.078E+03 1.089E+03 1.157E+03 1.202E+03 1.236E+03 1.267E+03 1.289E+03 1.491E+03 1.388E+03 1.467E+03
1.317E+03 1.318E+03 1.343E+03 1.315E+03 1.310E+03 1.313E+03 1.317E+03 1.318E+03 1.270E+03 1.248E+03
1.183E+03 1.158E+03 1.170E+03 1.143E+03 1.108E+03 1.063E+03 1.003E+03 9.481E+02 9.282E+02 9.294E+02
9.198E+02 9.052E+02 8.777E+02 9.360E+02 1.388E+03 1.522E+03 1.624E+03 1.879E+03 2.146E+03 2.343E+03
2.923E+03
1.106E+03 1.118E+03 1.185E+03 1.230E+03 1.266E+03 1.295E+03 1.317E+03 1.338E+03 1.333E+03 1.331E+03
1.330E+03 1.381E+03 1.326E+03 1.324E+03 1.318E+03 1.319E+03 1.320E+03 1.317E+03 1.263E+03 1.199E+03
1.178E+03 1.152E+03 1.159E+03 1.116E+03 1.060E+03 9.925E+02 9.084E+02 8.471E+02 8.472E+02 8.851E+02
9.078E+02 9.106E+02 8.909E+02 9.542E+02 1.151E+03 1.549E+03 1.648E+03 1.911E+03 2.207E+03 2.492E+03
3.124E+03
1.130E+03 1.143E+03 1.210E+03 1.256E+03 1.293E+03 1.322E+03 1.122E+03 1.251E+03 1.139E+03 1.352E+03
1.347E+03 1.400E+03 1.340E+03 1.336E+03 1.328E+03 1.328E+03 1.326E+03 1.270E+03 1.259E+03 1.194E+03
1.172E+03 1.140E+03 1.098E+03 1.076E+03 9.991E+02 9.086E+02 8.005E+02 7.348E+02 7.589E+02 8.363E+02
8.920E+02 9.121E+02 9.008E+02 9.698E+02 1.172E+03 1.576E+03 1.672E+03 1.944E+03 2.267E+03 2.614E+03
3.255E+03
9.429E+02 1.002E+03 1.057E+03 1.096E+03 1.078E+03 1.107E+03 1.130E+03 1.124E+03 1.143E+03 1.240E+03
1.252E+03 1.263E+03 1.358E+03 1.354E+03 1.344E+03 1.342E+03 1.338E+03 1.277E+03 1.211E+03 1.194E+03
1.168E+03 1.130E+03 1.076E+03 1.005E+03 9.430E+02 8.345E+02 7.099E+02 6.436E+02 6.874E+02 7.954E+02
8.773E+02 9.124E+02 9.087E+02 9.835E+02 1.192E+03 1.603E+03 1.698E+03 1.977E+03 2.324E+03 2.698E+03
3.299E+03
9.571E+02 1.011E+03 1.064E+03 1.053E+03 1.087E+03 1.116E+03 9.832E+02 1.130E+03 1.150E+03 1.250E+03
1.263E+03 1.190E+03 1.205E+03 1.218E+03 1.373E+03 1.369E+03 1.363E+03 1.297E+03 1.226E+03 1.205E+03
1.173E+03 1.127E+03 1.063E+03 9.797E+02 8.801E+02 7.879E+02 6.615E+02 6.000E+02 6.508E+02 7.705E+02
8.675E+02 9.143E+02 9.178E+02 9.990E+02 1.215E+03 1.638E+03 1.730E+03 2.017E+03 2.389E+03 2.753E+03
3.242E+03
9.653E+02 1.012E+03 1.064E+03 1.059E+03 9.389E+02 9.708E+02 9.969E+02 1.140E+03 1.161E+03 1.266E+03
1.282E+03 1.208E+03 1.226E+03 1.241E+03 1.254E+03 1.265E+03 1.349E+03 1.281E+03 1.266E+03 1.242E+03
1.204E+03 1.151E+03 1.081E+03 9.939E+02 8.958E+02 7.966E+02 7.047E+02 6.516E+02 6.882E+02 7.860E+02
8.738E+02 9.229E+02 9.299E+02 1.017E+03 1.217E+03 1.406E+03 1.768E+03 2.065E+03 2.456E+03 2.771E+03
3.088E+03
9.631E+02 1.001E+03 1.012E+03 9.739E+02 9.501E+02 9.836E+02 1.011E+03 1.040E+03 1.176E+03 1.288E+03
1.308E+03 1.237E+03 1.259E+03 1.280E+03 1.298E+03 1.314E+03 1.264E+03 1.269E+03 1.335E+03 1.311E+03
1.272E+03 1.217E+03 1.146E+03 1.063E+03 9.724E+02 8.856E+02 8.168E+02 7.665E+02 7.800E+02 8.396E+02
9.001E+02 9.404E+02 9.452E+02 1.034E+03 1.242E+03 1.430E+03 1.698E+03 2.152E+03 2.493E+03 2.776E+03
2.948E+03
9.508E+02 9.777E+02 9.295E+02 9.176E+02 9.581E+02 9.948E+02 1.026E+03 1.058E+03 1.193E+03 1.312E+03
1.339E+03 1.273E+03 1.304E+03 1.333E+03 1.359E+03 1.384E+03 1.347E+03 1.359E+03 1.359E+03 1.415E+03
1.380E+03 1.328E+03 1.261E+03 1.183E+03 1.099E+03 1.019E+03 9.385E+02 9.060E+02 8.944E+02 9.147E+02
9.412E+02 9.661E+02 9.641E+02 1.053E+03 1.268E+03 1.453E+03 1.723E+03 2.191E+03 2.541E+03 2.799E+03
2.910E+03
9.250E+02 8.674E+02 9.127E+02 9.170E+02 9.630E+02 1.006E+03 1.042E+03 1.080E+03 1.215E+03 1.344E+03
1.382E+03 1.327E+03 1.371E+03 1.415E+03 1.457E+03 1.447E+03 1.486E+03 1.515E+03 1.530E+03 1.529E+03
1.568E+03 1.525E+03 1.464E+03 1.389E+03 1.307E+03 1.226E+03 1.137E+03 1.059E+03 1.045E+03 1.020E+03
1.004E+03 1.006E+03 9.917E+02 1.163E+03 1.299E+03 1.481E+03 1.751E+03 2.236E+03 2.599E+03 2.856E+03
2.977E+03
8.692E+02 8.368E+02 8.525E+02 9.069E+02 9.622E+02 1.014E+03 1.060E+03 1.109E+03 1.161E+03 1.387E+03
1.442E+03 1.410E+03 1.477E+03 1.546E+03 1.577E+03 1.655E+03 1.728E+03 1.791E+03 1.838E+03 1.862E+03
1.859E+03 1.827E+03 1.763E+03 1.681E+03 1.633E+03 1.538E+03 1.424E+03 1.306E+03 1.213E+03 1.169E+03
1.100E+03 1.058E+03 1.024E+03 1.104E+03 1.344E+03 1.406E+03 1.788E+03 2.293E+03 2.567E+03 2.980E+03
3.115E+03
8.974E+02 8.343E+02 8.512E+02 9.027E+02 9.609E+02 1.018E+03 1.070E+03 1.127E+03 1.189E+03 1.257E+03
1.480E+03 1.469E+03 1.552E+03 1.603E+03 1.703E+03 1.804E+03 1.901E+03 1.987E+03 2.053E+03 2.093E+03
2.099E+03 2.071E+03 2.008E+03 1.920E+03 1.816E+03 1.704E+03 1.567E+03 1.418E+03 1.292E+03 1.166E+03
1.143E+03 1.063E+03 1.082E+03 1.166E+03 1.391E+03 1.451E+03 1.685E+03 2.232E+03 2.616E+03 3.001E+03
3.013E+03
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-------------------------------------------------------------------------------
      FILE: Output Control
      REFERENCE: McDonald and Harbaugh, 1988, Chapter 4, page 14


1                     4         4        31         0  IHEDFM,IDDNFM,IHEDUN,IDDNUN
2                     1         1         1         1  1,1,IBUDFL,ICBCFL: PER.    1  STEP   1
3                     1         1         1         0  Hdpr,Ddpr,Hdsv,Ddsv
4                     1         1         1         0  Hdpr,Ddpr,Hdsv,Ddsv
5                     1         1         1         0  Hdpr,Ddpr,Hdsv,Ddsv
6                     1         1         1         0  Hdpr,Ddpr,Hdsv,Ddsv
7                     1         1         1         0  Hdpr,Ddpr,Hdsv,Ddsv
```

```
      FILE: Drain Package
      REFERENCE: McDonald and Harbaugh, 1988, Chapter 9, page 7

 1                    8        30     MXDRN IDRNCB
 2                    8           ITMP -- Stress Period   1
 3                    3        16        16  1.000E+0 3.000E+03
 4                    3        16        17  1.000E+0 3.000E+03
 5                    3        17        16  1.000E+0 3.000E+03
 6                    3        17        17  1.000E+0 3.000E+03
 7                    2        16        16  1.000E+0 3.000E+03
 8                    2        16        17  1.000E+0 3.000E+03
 9                    2        17        16  1.000E+0 3.000E+03
10                    2        17        17  1.000E+0 3.000E+03
```

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------------------------------------------------------------
      FILE: River Package
      REFERENCE: McDonald and Harbaugh, 1988, Chapter 6, page 14


 1                    67        30     MXRIVR IRIVCB
 2                    67           ITMP -- Stress Period   1
 3                     1        18        10 3.000E+00 1.600E+03 2.000E+00
 4                     1        19        11 3.500E+00 8.000E+02 2.000E+00
 5                     1        20        11 4.000E+00 8.000E+02 2.000E+00
 6                     1        21        11 4.000E+00 8.000E+02 2.000E+00
 7                     1        22        11 5.000E+00 8.000E+02 3.000E+00
 8                     1        23        11 5.000E+00 8.000E+02 3.000E+00
 9                     1        23        22 9.000E+00 8.200E+01 7.000E+00
10                     1        24        11 5.100E+00 8.000E+02 3.100E+00
11                     1        24        12 5.600E+00 8.000E+02 3.600E+00
12                     1        24        21 8.200E+00 8.000E+02 6.200E+00
13                     1        25        13 5.600E+00 8.000E+02 3.600E+00
14                     1        25        14 6.000E+00 8.000E+02 4.000E+00
15                     1        25        15 6.900E+00 8.000E+02 4.900E+00
16                     1        25        16 7.300E+00 8.000E+02 5.300E+00
17                     1        25        17 7.500E+00 8.000E+02 5.500E+00
18                     1        25        18 7.600E+00 8.000E+02 5.600E+00
19                     1        25        19 7.600E+00 8.000E+02 5.600E+00
20                     1        25        20 7.700E+00 8.000E+02 5.700E+00
21                     3         7         6 2.000E+01 4.500E+02 1.700E+01
22                     3         7         7 2.000E+01 4.500E+02 1.800E+01
23                     3         7         8 2.000E+01 8.000E+02 1.800E+01
24                     3         7         9 2.000E+01 8.000E+02 1.800E+01
25                     3         7        10 2.100E+01 8.000E+02 1.900E+01
26                     3         7        11 2.300E+01 8.000E+02 2.100E+01
27                     3         7        12 2.500E+01 8.000E+02 2.300E+01
28                     3         7        13 2.800E+01 8.000E+02 2.600E+01
29                     3         7        14 3.100E+01 8.000E+02 2.900E+01
30                     3         7        15 3.300E+01 8.000E+02 3.100E+01
31                     3         7        16 3.400E+01 8.000E+02 3.200E+01
32                     3         7        17 3.600E+01 8.000E+02 3.400E+01
33                     3         7        18 3.600E+01 8.000E+02 3.400E+01
34                     3         7        19 3.700E+01 8.000E+02 3.500E+01
35                     3         7        20 3.700E+01 8.000E+02 3.500E+01
36                     3         7        21 3.800E+01 8.000E+02 3.600E+01
37                     3         7        22 4.000E+01 8.000E+02 3.800E+01
38                     3         7        23 4.300E+01 8.000E+02 4.100E+01
39                     3         7        24 4.700E+01 8.000E+02 4.500E+01
40                     3         7        25 5.100E+01 8.000E+02 4.900E+01
41                     3         7        26 5.800E+01 8.000E+02 5.600E+01
42                     3         7        27 6.700E+01 8.000E+02 6.500E+01
43                     3         8         3 1.200E+01 1.600E+03 1.000E+01
44                     3         8         4 1.300E+01 1.600E+03 1.100E+01
45                     3         8         5 1.300E+01 1.600E+03 1.100E+01
46                     3         8         6 1.500E+01 8.000E+02 1.300E+01
47                     3         9         3 8.000E+00 1.600E+03 6.000E+00
48                     3        10         3 4.000E+00 1.600E+03 2.000E+00
49                     3        13        19 1.080E+01 8.000E+02 8.800E+00
50                     3        13        20 1.280E+01 8.000E+02 1.080E+01
51                     3        13        21 1.560E+01 8.000E+02 1.360E+01
52                     3        13        22 1.830E+01 8.000E+02 1.630E+01
53                     3        14         6 2.000E+00 1.600E+03 0.000E+00
54                     3        14         7 2.000E+00 1.600E+03 0.000E+00
55                     3        14         8 2.000E+00 1.600E+03 0.000E+00
56                     3        14        17 7.200E+00 8.000E+02 5.200E+00
57                     3        14        18 7.200E+00 8.000E+02 5.200E+00
58                     3        15         5 2.000E+00 1.600E+03 0.000E+00
59                     3        15         8 2.000E+00 1.600E+03 0.000E+00
60                     3        15        16 4.800E+00 8.000E+02 2.800E+00
61                     3        16         5 0.000E+00 1.600E+03 -2.000E+0
62                     3        16         9 2.000E+00 1.600E+03 0.000E+00
63                     3        16        11 3.000E+00 8.000E+02 1.000E+00
64                     3        16        12 3.000E+00 8.000E+02 1.000E+00
65                     3        16        13 3.000E+00 8.000E+02 1.000E+00
66                     3        16        14 3.000E+00 8.000E+02 1.000E+00
67                     3        16        15 3.000E+00 8.000E+02 1.000E+00
68                     3        17         9 2.200E+00 1.600E+03 2.000E-01
69                     3        17        10 3.000E+00 8.000E+02 1.000E+00
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      FILE: Well Package
      REFERENCE: McDonald and Harbaugh, 1988, Chapter 8, page 3


1                       0          0    MXWELL,IWELBD
2                       0               ITMP (NWELLS)
3                      -1
4
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FILE: Recharge Package
REFERENCE: McDonald and Harbaugh, 1988, Chapter 7, page 6

                     3        30         1 NRCHOP IRCHCB ITOP
                     0         0  INRECH INIRCH
                    64 1.000E+00 (10F10.0)                -1  RECH
  4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04
  4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04
  4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04
  4.600E-04 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03
  3.080E-03
  4.600E-04 0.000E+00 4.600E-04 0.000E+00 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04
  4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04
  4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04
  4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03
  3.080E-03
  4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04
  4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04
  4.600E-04 4.600E-04 4.600E-04 4.600E-04 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03
  4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 3.080E-03 3.080E-03
  3.080E-03
  0.000E+00 4.600E-04 3.080E-03 3.080E-03 4.600E-04 4.600E-04 4.600E-04 3.080E-03 3.080E-03 3.080E-03
  3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03
  3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03
  3.080E-03 4.600E-04 4.600E-04 4.600E-04 4.600E-04 0.000E+00 4.600E-04 4.600E-04 4.600E-04 4.600E-04
  3.080E-03
  0.000E+00 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03
  3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03
  3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03
  3.080E-03 3.080E-03 4.600E-04 4.600E-04 4.600E-04 0.000E+00 4.600E-04 4.600E-04 4.600E-04 4.600E-04
  4.600E-04
  0.000E+00 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03
  3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03
  3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03
  3.080E-03 3.080E-03 4.600E-04 4.600E-04 0.000E+00 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04
  4.600E-04
  0.000E+00 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03
  3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03
  3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03
  3.080E-03 3.080E-03 4.600E-04 4.600E-04 0.000E+00 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04
  4.600E-04
  0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
  0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
  0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
  0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
  0.000E+00
  0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
  0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
  0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
  0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
  0.000E+00
  0.000E+00 0.000E+00 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03
  3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03
  3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03
  3.080E-03 3.080E-03 3.080E-03 4.600E-04 4.600E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
  4.600E-04
  0.000E+00 0.000E+00 0.000E+00 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03
  3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03
  3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03
  3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
  4.600E-04
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  3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03
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103  0.000E+00
104  0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 4.600E-04 4.600E-04 3.080E-03 3.080E-03
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108  0.000E+00
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113  0.000E+00
114  0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 4.600E-04 4.600E-04 4.600E-04 4.600E-04
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123  0.000E+00
124  0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04
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129  0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04
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133  0.000E+00
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147  0.000E+00 0.000E+00 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 3.080E-03 3.080E-03
148  0.000E+00
149  0.000E+00 0.000E+00 0.000E+00 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04
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152  0.000E+00 0.000E+00 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 3.080E-03 3.080E-03
153  0.000E+00
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159  0.000E+00 0.000E+00 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04
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164  0.000E+00 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04
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167  0.000E+00 0.000E+00 0.000E+00 4.600E-04 4.600E-04 4.600E-04 4.600E-04 0.000E+00 0.000E+00 0.000E+00
168  0.000E+00
169  4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04
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172  0.000E+00 0.000E+00 0.000E+00 4.600E-04 4.600E-04 4.600E-04 4.600E-04 0.000E+00 0.000E+00 0.000E+00
173  0.000E+00
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177  0.000E+00 0.000E+00 0.000E+00 3.080E-03 3.080E-03 3.080E-03 4.600E-04 0.000E+00 0.000E+00 0.000E+00
178  0.000E+00
179  4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04
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183  0.000E+00
184  4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04
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188             0.000E+00
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191             3.080E-03 3.080E-03 0.000E+00 0.000E+00 0.000E+00 3.080E-03 3.080E-03 3.080E-03 3.080E-03 0.000E+00
192             0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.080E-03 3.080E-03 3.080E-03 0.000E+00 0.000E+00 0.000E+00
193             0.000E+00
194             4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 3.080E-03 3.080E-03
195             3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03
196             3.080E-03 3.080E-03 0.000E+00 0.000E+00 0.000E+00 3.080E-03 3.080E-03 3.080E-03 3.080E-03 0.000E+00
197             0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.080E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
198             0.000E+00
199             4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 4.600E-04 3.080E-03 3.080E-03 3.080E-03 3.080E-03
200             3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03
201             3.080E-03 0.000E+00 0.000E+00 0.000E+00 3.080E-03 3.080E-03 3.080E-03 3.080E-03 0.000E+00 0.000E+00
202             0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
203             0.000E+00
204             4.600E-04 4.600E-04 4.600E-04 4.600E-04 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03
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206             3.080E-03 0.000E+00 0.000E+00 0.000E+00 3.080E-03 3.080E-03 3.080E-03 3.080E-03 0.000E+00 0.000E+00
207             0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
208             0.000E+00
209             3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03
210             3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03
211             3.080E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.080E-03 3.080E-03 0.000E+00 0.000E+00 0.000E+00
212             0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
213             3.080E-03
214             3.080E-03 3.080E-03 0.000E+00 0.000E+00 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03 3.080E-03
215             3.080E-03 3.080E-03 3.080E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.080E-03 3.080E-03
216             3.080E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
217             0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
218             3.080E-03
219             3.080E-03 3.080E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.080E-03 3.080E-03 3.080E-03 3.080E-03
220             3.080E-03 3.080E-03 3.080E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
221             0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
222             0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
223             3.080E-03
224             3.080E-03 3.080E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.080E-03 3.080E-03 3.080E-03 3.080E-03
225             3.080E-03 3.080E-03 3.080E-03 3.080E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
226             0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
227             0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
228             3.080E-03
229             3.080E-03 3.080E-03 3.080E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
230             0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
231             0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
232             0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
233             3.080E-03
234             3.080E-03 3.080E-03 3.080E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
235             0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
236             0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
237             0.000E+00 0.000E+00 3.080E-03 3.080E-03 3.080E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
238             0.000E+00
```

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------------------------------------------------------------------
      FILE: General-Head Boundary Package
      REFERENCE: McDonald and Harbaugh, 1988, Chapter 11, page 5


 1                    159        30     MXBND IGHBCB
 2                    159           ITMP -- Stress Period   1
 3                      5         1         1 9.800E+00 1.000E+05
 4                      5         1         2 1.010E+01 1.000E+05
 5                      5         1         3 1.060E+01 1.000E+05
 6                      5         1         4 1.100E+01 1.000E+05
 7                      5         1         5 1.130E+01 1.000E+05
 8                      5         1         6 1.170E+01 1.000E+05
 9                      5         1         7 1.190E+01 1.000E+05
10                      5         1         8 1.210E+01 1.000E+05
11                      5         1         9 1.240E+01 1.000E+05
12                      5         1        10 1.270E+01 1.000E+05
13                      5         1        11 1.380E+01 1.000E+05
14                      5         1        12 1.580E+01 1.000E+05
15                      5         1        13 1.790E+01 1.000E+05
16                      5         1        14 2.010E+01 1.000E+05
17                      5         1        15 2.230E+01 1.000E+05
18                      5         1        16 2.440E+01 1.000E+05
19                      5         1        17 2.650E+01 1.000E+05
20                      5         1        18 2.860E+01 1.000E+05
21                      5         1        19 3.070E+01 1.000E+05
22                      5         1        20 3.280E+01 1.000E+05
23                      5         1        21 3.510E+01 1.000E+05
24                      5         1        22 3.910E+01 1.000E+05
25                      5         1        23 4.430E+01 1.000E+05
26                      5         1        24 4.870E+01 1.000E+05
27                      5         1        25 5.370E+01 1.000E+05
28                      5         1        26 5.900E+01 1.000E+05
29                      5         1        27 6.600E+01 1.000E+05
30                      5         1        28 7.150E+01 1.000E+05
31                      5         1        29 7.500E+01 1.000E+05
32                      5         1        30 8.280E+01 1.000E+05
33                      5         1        31 7.660E+01 1.000E+05
34                      5         2         1 9.500E+00 1.000E+05
35                      5         3         1 8.900E+00 1.000E+05
36                      5         4         1 8.200E+00 1.000E+05
37                      5         5         1 7.500E+00 1.000E+05
38                      5         5        41 2.210E+01 1.000E+05
39                      5         6         1 6.900E+00 1.000E+05
40                      5         6        41 2.240E+01 1.000E+05
41                      5         7         1 6.400E+00 1.000E+05
42                      5         7        41 2.360E+01 1.000E+05
43                      5         8         1 5.800E+00 1.000E+05
44                      5         8        41 2.470E+01 1.000E+05
45                      5         9         1 5.300E+00 1.000E+05
46                      5         9        41 2.350E+01 1.000E+05
47                      5        10         1 4.900E+00 1.000E+05
48                      5        10        41 2.200E+01 1.000E+05
49                      5        11         1 4.600E+00 1.000E+05
50                      5        11        41 2.040E+01 1.000E+05
51                      5        12         1 4.400E+00 1.000E+05
52                      5        12        41 1.870E+01 1.000E+05
53                      5        13         1 4.200E+00 1.000E+05
54                      5        13        41 1.630E+01 1.000E+05
55                      5        14         1 4.000E+00 1.000E+05
56                      5        14        41 1.410E+01 1.000E+05
57                      5        15         1 3.800E+00 1.000E+05
58                      5        15        41 1.210E+01 1.000E+05
59                      5        16         1 3.600E+00 1.000E+05
60                      5        16        41 1.000E+01 1.000E+05
61                      5        17         1 3.500E+00 1.000E+05
62                      5        17        41 7.300E+00 1.000E+05
63                      5        18         1 3.400E+00 1.000E+05
64                      5        18        41 4.000E+00 1.000E+05
65                      5        19         1 3.400E+00 1.000E+05
66                      5        19        41 2.500E+00 1.000E+05
67                      5        20         1 3.300E+00 1.000E+05
68                      5        20        41 1.700E+00 1.000E+05
69                      5        21         1 3.300E+00 1.000E+05
70                      5        21        41 1.900E+00 1.000E+05
71                      5        22         1 3.300E+00 1.000E+05
72                      5        22        41 1.900E+00 1.000E+05
73                      5        23         1 3.300E+00 1.000E+05
74                      5        23        41 1.900E+00 1.000E+05
75                      5        24         1 3.400E+00 1.000E+05
76                      5        24        41 1.800E+00 1.000E+05
77                      5        25         1 3.500E+00 1.000E+05
78                      5        25        41 1.800E+00 1.000E+05
79                      5        26         1 3.600E+00 1.000E+05
80                      5        26        41 1.800E+00 1.000E+05
81                      5        27         1 3.800E+00 1.000E+05
82                      5        27        41 1.900E+00 1.000E+05
83                      5        28         1 3.900E+00 1.000E+05
84                      5        28        41 2.000E+00 1.000E+05
85                      5        29         1 4.000E+00 1.000E+05
86                      5        29        41 2.000E+00 1.000E+05
87                      5        30         1 4.100E+00 1.000E+05
88                      5        30        41 2.000E+00 1.000E+05
89                      5        31         1 4.200E+00 1.000E+05
```

90	5	31	41	2.000E+00	1.000E+05
91	5	32	1	4.300E+00	1.000E+05
92	5	32	41	1.900E+00	1.000E+05
93	5	33	1	4.400E+00	1.000E+05
94	5	33	41	1.900E+00	1.000E+05
95	5	34	1	4.400E+00	1.000E+05
96	5	34	41	1.900E+00	1.000E+05
97	5	35	1	4.500E+00	1.000E+05
98	5	35	41	2.100E+00	1.000E+05
99	5	36	1	4.600E+00	1.000E+05
100	5	36	41	2.300E+00	1.000E+05
101	5	37	1	4.700E+00	1.000E+05
102	5	37	41	2.400E+00	1.000E+05
103	5	38	1	4.700E+00	1.000E+05
104	5	38	41	2.500E+00	1.000E+05
105	5	39	1	4.800E+00	1.000E+05
106	5	39	41	2.700E+00	1.000E+05
107	5	40	1	4.800E+00	1.000E+05
108	5	40	41	2.800E+00	1.000E+05
109	5	41	1	4.900E+00	1.000E+05
110	5	41	41	3.000E+00	1.000E+05
111	5	42	1	5.000E+00	1.000E+05
112	5	42	41	3.200E+00	1.000E+05
113	5	43	1	5.000E+00	1.000E+05
114	5	43	41	3.300E+00	1.000E+05
115	5	44	1	5.000E+00	1.000E+05
116	5	44	41	3.500E+00	1.000E+05
117	5	45	1	5.100E+00	1.000E+05
118	5	45	41	3.600E+00	1.000E+05
119	5	46	1	5.100E+00	1.000E+05
120	5	46	41	3.800E+00	1.000E+05
121	5	47	1	5.200E+00	1.000E+05
122	5	47	2	5.200E+00	1.000E+05
123	5	47	3	5.200E+00	1.000E+05
124	5	47	4	5.300E+00	1.000E+05
125	5	47	5	5.300E+00	1.000E+05
126	5	47	6	5.300E+00	1.000E+05
127	5	47	7	5.400E+00	1.000E+05
128	5	47	8	5.400E+00	1.000E+05
129	5	47	9	5.400E+00	1.000E+05
130	5	47	10	5.400E+00	1.000E+05
131	5	47	11	5.500E+00	1.000E+05
132	5	47	12	5.500E+00	1.000E+05
133	5	47	13	5.500E+00	1.000E+05
134	5	47	14	5.600E+00	1.000E+05
135	5	47	15	5.600E+00	1.000E+05
136	5	47	16	5.600E+00	1.000E+05
137	5	47	17	5.600E+00	1.000E+05
138	5	47	18	5.600E+00	1.000E+05
139	5	47	19	5.700E+00	1.000E+05
140	5	47	20	5.700E+00	1.000E+05
141	5	47	21	5.700E+00	1.000E+05
142	5	47	22	5.700E+00	1.000E+05
143	5	47	23	5.700E+00	1.000E+05
144	5	47	24	5.800E+00	1.000E+05
145	5	47	25	5.800E+00	1.000E+05
146	5	47	26	5.800E+00	1.000E+05
147	5	47	27	5.800E+00	1.000E+05
148	5	47	28	5.800E+00	1.000E+05
149	5	47	29	5.800E+00	1.000E+05
150	5	47	30	5.800E+00	1.000E+05
151	5	47	31	5.800E+00	1.000E+05
152	5	47	32	5.800E+00	1.000E+05
153	5	47	33	5.700E+00	1.000E+05
154	5	47	34	5.700E+00	1.000E+05
155	5	47	35	5.600E+00	1.000E+05
156	5	47	36	5.400E+00	1.000E+05
157	5	47	37	5.200E+00	1.000E+05
158	5	47	38	4.900E+00	1.000E+05
159	5	47	39	4.600E+00	1.000E+05
160	5	47	40	4.200E+00	1.000E+05
161	5	47	41	4.000E+00	1.000E+05

```
-------------------------------------------------------------------------------
      FILE: SIP Package
      REFERENCE: McDonald and Harbaugh, 1988, Chapter 12, page 30

1                   300         5  MXITER  NPARM
2               1.00E+00  1.00E-03         1  0.00E+00       999 ACCL HCLOSE IPCALC WSEED IPRSIP
```

FILE: Output Listing
REFERENCE: McDonald and Harbaugh, 1998, Appendix D, page 5

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                         U.S. GEOLOGICAL SURVEY MODULAR FINITE-DIFFERENCE GROUND-WATER MODEL

 Project title: Canal Creek Optimization - 10 ppb total VOC                    W.B.Fleck and F.J.Tenbus
    5 LAYERS        47 ROWS        41 COLUMNS
   1 STRESS PERIOD(S) IN SIMULATION
 MODEL TIME UNITS ARE UNDEFINED

 I/O UNITS:
 ELEMENT OF IUNIT:  1  2  3  4  5  6  7  8  9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
         I/O UNIT: 61 65 13 14  0  0 63 64 19  0  0 17  0  0  0  0  0  0  0  0  0  0  0  0

 BAS1 -- BASIC MODEL PACKAGE, VERSION 1, 9/1/87 INPUT READ FROM UNIT  5
 ARRAYS RHS AND BUFF WILL SHARE MEMORY.
 START HEAD WILL BE SAVED
    94531 ELEMENTS IN X ARRAY ARE USED BY BAS
    94531 ELEMENTS OF X ARRAY USED OUT OF 1000000

 BCF3 -- BLOCK-CENTERED FLOW PACKAGE, VERSION 3, 7/9/92 INPUT READ FROM UNIT 61
 STEADY-STATE SIMULATION
 CELL-BY-CELL FLOWS WILL BE RECORDED ON UNIT 30
 HEAD AT CELLS THAT CONVERT TO DRY=   5560.0
 WETTING CAPABILITY IS NOT ACTIVE
      LAYER  AQUIFER TYPE    INTERBLOCK T
      ---------------------------------------
         1         1         0-HARMONIC
         2         3         0-HARMONIC
         3         3         0-HARMONIC
         4         0         0-HARMONIC
         5         0         0-HARMONIC
    15421 ELEMENTS IN X ARRAY ARE USED BY BCF
   109952 ELEMENTS OF X ARRAY USED OUT OF 1000000

 WEL1 -- WELL PACKAGE, VERSION 1, 9/1/87 INPUT READ FROM 65
 MAXIMUM OF    0 WELLS
        0 ELEMENTS IN X ARRAY ARE USED FOR WELLS
   109952 ELEMENTS OF X ARRAY USED OUT OF 1000000

 DRN1 -- DRAIN PACKAGE, VERSION 1, 9/1/87 INPUT READ FROM UNIT 13
 MAXIMUM OF    8 DRAINS
 CELL-BY-CELL FLOWS WILL BE RECORDED ON UNIT 30
       40 ELEMENTS IN X ARRAY ARE USED FOR DRAINS
   109992 ELEMENTS OF X ARRAY USED OUT OF 1000000

 RCH1 -- RECHARGE PACKAGE, VERSION 1, 9/1/87 INPUT READ FROM UNIT 64
 OPTION 3 -- RECHARGE TO HIGHEST ACTIVE NODE IN EACH VERTICAL COLUMN
 CELL-BY-CELL FLOW TERMS WILL BE RECORDED ON UNIT 30
     1927 ELEMENTS OF X ARRAY USED FOR RECHARGE
   111919 ELEMENTS OF X ARRAY USED OUT OF 1000000

 RIV1 -- RIVER PACKAGE, VERSION 1, 9/1/87 INPUT READ FROM UNIT 14
 MAXIMUM OF   67 RIVER NODES
 CELL-BY-CELL FLOWS WILL BE RECORDED ON UNIT 30
      402 ELEMENTS IN X ARRAY ARE USED FOR RIVERS
   112321 ELEMENTS OF X ARRAY USED OUT OF 1000000

 GHB1 -- GHB PACKAGE, VERSION 1, 9/1/87 INPUT READ FROM UNIT 63
 MAXIMUM OF  159 HEAD-DEPENDENT BOUNDARY NODES
 CELL-BY-CELL FLOW WILL BE RECORDED ON UNIT 30
      795 ELEMENTS IN X ARRAY ARE USED FOR HEAD-DEPENDENT BOUNDARIES
   113116 ELEMENTS OF X ARRAY USED OUT OF 1000000

 SIP1 -- STRONGLY IMPLICIT PROCEDURE SOLUTION PACKAGE, VERSION 1, 9/1/87 INPUT READ FROM UNIT 19
 MAXIMUM OF 300 ITERATIONS ALLOWED FOR CLOSURE
  5 ITERATION PARAMETERS
    39745 ELEMENTS IN X ARRAY ARE USED BY SIP
   152861 ELEMENTS OF X ARRAY USED OUT OF 1000000
```

Project title: Canal Creek Optimization - 10 ppb total VOC W.B.Fleck and F.J.Tenbus

BOUNDARY ARRAY FOR LAYER 1 WILL BE READ ON UNIT 5 USING FORMAT: (20I4)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41								
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	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	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	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	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	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	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	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	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	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	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
	-1	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	-1
	-1	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	1	1	1	1	-1	0	0	0
	-1	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	1	1	1	1	1	-1	-1	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	1	1	1	1	-1	-1	-1	-1	-1	-1	-1	-1
	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0								
18	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1
	-1	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0								
19	0	0	-1	-1	-1	0	1	1	1	1	1	1	1	1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1
	-1	-1	-1	0	0	0	0	0	0	0	0	0	0	0	0	0								
20	0	-1	-1	-1	-1	-1	-1	1	1	1	1	1	1	1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1
	-1	-1	-1	0	0	0	0	0	0	0	0	0	0	0	0	0								
21	0	-1	-1	-1	-1	-1	-1	-1	1	1	1	1	1	1	1	1	1	-1	-1	-1	-1	-1	-1	-1
	-1	-1	-1	-1	-1	0	0	0	0	0	0	0	0	0	0	0								
22	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	1	1	1	1	1	1	1	1	1	-1	-1	-1	-1	-1
	-1	-1	-1	-1	-1	0	0	0	0	0	0	0	0	0	0	0								
23	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	1	1	1	1	1	1	1	1	1	-1	-1	-1	-1
	-1	-1	-1	-1	-1	0	0	0	0	0	0	0	0	0	0	0								
24	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	1	1	1	1	1	1	1	1	1	1	1	-1	-1
	-1	-1	-1	-1	-1	0	0	0	0	0	0	0	0	0	0	0								
25	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	1	1	1	1	1	1	1	1	1	1	1	-1
	-1	-1	-1	-1	-1	0	0	0	0	0	0	0	0	0	0	0								
26	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	1	1	1	1	1	1	1	1	1	1	-1
	-1	-1	-1	-1	-1	0	0	0	0	-1	0	0	0	0	0	0								
27	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	1	1	1	1	1	1	1	1	-1	-1
	-1	-1	-1	-1	-1	0	0	0	-1	-1	-1	0	0	0	0	0								
28	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	1	1	-1	-1	-1	-1	-1	-1

```
                -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   0   0   0   0

  29    -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1
        -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   0   0   0

  30    -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1
        -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   0   0   0

  31    -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1
        -1   1   1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   0   0   0

  32    -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1
         1   1   1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   0   0   0

  33    -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1
         1   1   1   1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   0   0

  34    -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   1  -1  -1  -1  -1  -1  -1  -1  -1  -1
         1   1   1   1   1  -1  -1  -1  -1  -1  -1  -1  -1  -1   0   0

  35    -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   1   1   1   1   1  -1  -1  -1  -1  -1  -1
         1   1   1   1   1  -1  -1  -1   1   1   1  -1  -1  -1  -1   0

  36    -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   1   1   1   1   1   1   1   1   1  -1  -1  -1
         1   1   1   1   1  -1  -1  -1   1   1   1  -1  -1  -1  -1

  37    -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1
         1   1   1   1   1  -1  -1  -1   1   1   1   1  -1  -1  -1

  38    -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1  -1
         1   1   1   1  -1  -1  -1  -1  -1   1   1   1  -1  -1  -1

  39    -1  -1  -1  -1  -1  -1  -1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1  -1  -1
         1   1   1   1  -1  -1  -1  -1  -1   1  -1  -1  -1  -1  -1  -1

  40    -1  -1  -1  -1  -1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1  -1  -1
         1   1   1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1

  41    -1  -1  -1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1  -1  -1
         1   1   1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1

  42     1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1  -1  -1
         1   1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   1

  43     1   1  -1  -1   1   1   1   1   1   1   1   1   1  -1  -1  -1  -1  -1   1   1   1  -1  -1  -1
        -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   1

  44     1   1  -1  -1  -1  -1   1   1   1   1   1   1   1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1
        -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   1

  45     1   1  -1  -1  -1  -1   1   1   1   1   1   1   1   1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1
        -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   1

  46     1   1   1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1
        -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   1

  47     1   1   1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1
        -1  -1  -1  -1  -1  -1  -1   1   1   1  -1  -1  -1  -1  -1  -1



                                BOUNDARY ARRAY FOR LAYER  2 WILL BE READ ON UNIT  5 USING FORMAT:  (2014)
                ------------------------------------------------------------------------------------------------------------------------

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

   1     0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   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     0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   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   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   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   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   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   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   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   0   0   0   0   0   0   0   0   0
```

256																															
257	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
258		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
259																															
260	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
261		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
262																															
263	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
264		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
265																															
266	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
267		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
268																															
269	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	1
270		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
271																															
272	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0					
273		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
274																															
275	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0					
276		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
277																															
278	17	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1					
279		0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0													
280																															
281	18	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
282		1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0													
283																															
284	19	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
285		1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
286																															
287	20	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
288		1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
289																															
290	21	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
291		1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0													
292																															
293	22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
294		1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0													
295																															
296	23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
297		1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0													
298																															
299	24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
300		1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0													
301																															
302	25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
303		1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0													
304																															
305	26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
306		1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0													
307																															
308	27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
309		1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0													
310																															
311	28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
312		1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0													
313																															
314	29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
315		1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0													
316																															
317	30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
318		1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0													
319																															
320	31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
321		1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0													
322																															
323	32	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
324		1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0													
325																															
326	33	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
327		1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0														
328																															
329	34	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
330		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0													
331																															
332	35	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
333		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0													
334																															
335	36	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
336		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1													
337																															
338	37	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
339		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1													
340																															
341	38	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
342		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1													
343																															
344	39	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
345		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1													
346																															
347	40	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
348		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1													
349																															
350	41	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					

```
                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

          42    1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

          43    1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

          44    1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

          45    1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

          46    1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

          47    1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
                1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1



                                  BOUNDARY ARRAY FOR LAYER  3 WILL BE READ ON UNIT  5 USING FORMAT:  (20I4)
                                  ------------------------------------------------------------------------

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

          1    -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -
               -1  -1  -1  -1  -1  -1   0   0   0   0   0   0   0   0   0   0

          2    -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -
               -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   0   0   0   0   0   0

          3    -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1
                1   1   1   1  -1  -1  -1  -1  -1  -1  -1  -1  -1   0   0   0

          4    -1  -1  -1  -1  -1  -1  -1  -1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
                1  -1   1   1   1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1   0

          5    -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
                1   1   1   1   1   1  -1  -1  -1  -1  -1  -1  -1  -1  -1  -1

          6    -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
                1   1   1   1   1   1   1  -1  -1  -1  -1  -1  -1  -1  -1  -1

          7    -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
                1   1   1   1   1   1   1  -1  -1  -1  -1  -1  -1  -1  -1  -1

          8    -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
                1   1   1   1   1   1   1   1  -1  -1  -1  -1  -1  -1  -1  -1

          9    -1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1   1   1
                1   1   1   1   1   1   1   1  -1  -1  -1  -1  -1  -1  -1  -1

         10    -1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
                1   1   1   1   1   1   1   1  -1  -1  -1  -1  -1  -1  -1  -1

         11    -1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
                1   1   1   1   1   1   1   1  -1  -1  -1  -1  -1  -1  -1  -1

         12    -1  -1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
                1   1   1   1   1   1   1   1   1   1  -1  -1  -1  -1  -1  -1

         13    -1  -1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
                1   1   1   1   1   1   1   1   1   1  -1  -1  -1  -1  -1  -1

         14    -1  -1  -1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1   1   1   1   1   1
                1   1   1   1   1   1   1   1   1   1   1  -1  -1  -1  -1  -1

         15    -1  -1  -1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
                1   1   1   1   1   1   1   1   1   1   1  -1  -1  -1  -1  -1

         16    -1  -1  -1  -1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
                1   1   1   1   1   1   1   1   1   1   1   1  -1  -1  -1  -1

         17    -1  -1  -1  -1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
                1   1   1   1   1   1   1   1   1   1   1   1   1  -1  -1  -1

         18    -1  -1  -1  -1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
                1   1   1   1   1   1   1   1   1   1   1   1   1  -1  -1  -1

         19    -1  -1   1   1   1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
                1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1  -1

         20    -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
                1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1  -1

         21    -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
                1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1  -1

         22    -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
                1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1  -1
```

23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-1										
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-1										
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	-1	1	1	1	1	1	1	1	-1										
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	-1	1	-1	1	1	1	1	1	1	1	-1										
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	-1	-1	1	1	1	1	1	1	1	1	-1										
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-1										
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-1										
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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-1										
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-1										
32	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-1	1	-1									
33	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-1	-1										
34	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-1	-1										
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36	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1										
37	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1										
38	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1										
39	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1										
40	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1										
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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1										
42	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1										
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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1										
44	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1										
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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1										
46	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1										
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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1										

BOUNDARY ARRAY FOR LAYER 4 WILL BE READ ON UNIT 5 USING FORMAT: (2014)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41								
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0								
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0								
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0								

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636
637          36   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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639
640          37   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
641               1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
642
643          38   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
644               1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
645
646          39   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
647               1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
648
649          40   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
650               1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
651
652          41   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
653               1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
654
655          42   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
656               1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
657
658          43   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
659               1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
660
661          44   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
662               1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
663
664          45   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
665               1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
666
667          46   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
668               1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
669
670          47   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
671               1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
672
673
674
675
676                                   BOUNDARY ARRAY FOR LAYER  5 WILL BE READ ON UNIT  5 USING FORMAT:  (20I4)
677                                   ----------------------------------------------------------------------------------------------------
678
679                    1   2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24
680                   26  27  28  29  30  31  32  33  34  35  36  37  38  39  40  41
681 ....................................................................................................................................
682
683          1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
684               1   1   1   1   1   1   0   0   0   0   0   0   0   0   0   0
685
686          2   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
687               1   1   1   1   1   1   1   1   1   1   0   0   0   0   0   0
688
689          3   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
690               1   1   1   1   1   1   1   1   1   1   1   1   1   0   0   0
691
692          4   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
693               1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   0
694
695          5   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
696               1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
697
698          6   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
699               1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
700
701          7   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
702               1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
703
704          8   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
705               1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
706
707          9   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
708               1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
709
710         10   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
711               1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
712
713         11   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
714               1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
715
716         12   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
717               1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
718
719         13   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
720               1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
721
722         14   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
723               1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
724
725         15   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
726               1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
727
728         16   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
729               1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
730
```

```
 17   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
      1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

 18   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
      1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

 19   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
      1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

 20   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
      1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

 21   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
      1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

 22   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
      1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

 23   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
      1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

 24   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
      1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

 25   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
      1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

 26   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
      1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

 27   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
      1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

 28   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
      1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

 29   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
      1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

 30   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
      1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

 31   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
      1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

 32   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
      1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

 33   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
      1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

 34   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
      1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

 35   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
      1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

 36   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
      1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

 37   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
      1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

 38   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
      1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

 39   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
      1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

 40   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
      1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

 41   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
      1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

 42   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
      1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

 43   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
      1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

 44   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
      1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

 45   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
      1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

 46   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
      1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

 47   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
      1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1

AQUIFER HEAD WILL BE SET TO  999.00     AT ALL NO-FLOW NODES (IBOUND=0).
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INITIAL HEAD FOR LAYER 1 WILL BE READ ON UNIT 5 USING FORMAT: (15F8.0)

INITIAL HEAD FOR LAYER 2 WILL BE READ ON UNIT 5 USING FORMAT: (15F8.0)

INITIAL HEAD FOR LAYER 3 WILL BE READ ON UNIT 5 USING FORMAT: (15F8.0)

INITIAL HEAD FOR LAYER 4 WILL BE READ ON UNIT 5 USING FORMAT: (15F8.0)

INITIAL HEAD FOR LAYER 5 WILL BE READ ON UNIT 5 USING FORMAT: (15F8.0)

HEAD PRINT FORMAT IS FORMAT NUMBER 4 DRAWDOWN PRINT FORMAT IS FORMAT NUMBER 4

HEADS WILL BE SAVED ON UNIT 31 DRAWDOWNS WILL BE SAVED ON UNIT 0

OUTPUT CONTROL IS SPECIFIED EVERY TIME STEP

COLUMN TO ROW ANISOTROPY = 1.000000

DELR WILL BE READ ON UNIT 61 USING FORMAT: (10F10.0)

1350.0	1350.0	900.00	600.00	600.00	400.00	400.00	400.00	400.00	400.00
400.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00
400.00	400.00	400.00	400.00	400.00	400.00	600.00	600.00	600.00	900.00
900.00	900.00	900.00	1350.0	1350.0	1350.0	1350.0	2025.0	2025.0	2025.0
2025.0									

DELC WILL BE READ ON UNIT 61 USING FORMAT: (10F10.0)

2025.0	2025.0	1350.0	1350.0	1350.0	900.00	900.00	900.00	600.00	600.00
400.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00
400.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00
400.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00
600.00	600.00	600.00	600.00	900.00	1350.0	1350.0			

HYD. COND. ALONG ROWS FOR LAYER 1 WILL BE READ ON UNIT 61 USING FORMAT: (10F10.0)

BOTTOM FOR LAYER 1 WILL BE READ ON UNIT 61 USING FORMAT: (10F10.0)

VERT HYD COND /THICKNESS FOR LAYER 1 WILL BE READ ON UNIT 61 USING FORMAT: (10F10.0)

HYD. COND. ALONG ROWS FOR LAYER 2 WILL BE READ ON UNIT 61 USING FORMAT: (10F10.0)

BOTTOM FOR LAYER 2 WILL BE READ ON UNIT 61 USING FORMAT: (10F10.0)

VERT HYD COND /THICKNESS FOR LAYER 2 WILL BE READ ON UNIT 61 USING FORMAT: (10F10.0)

TOP FOR LAYER 2 WILL BE READ ON UNIT 61 USING FORMAT: (10F10.0)

HYD. COND. ALONG ROWS FOR LAYER 3 WILL BE READ ON UNIT 61 USING FORMAT: (10F10.0)

BOTTOM FOR LAYER 3 WILL BE READ ON UNIT 61 USING FORMAT: (10F10.0)

VERT HYD COND /THICKNESS FOR LAYER 3 WILL BE READ ON UNIT 61 USING FORMAT: (10F10.0)

TOP FOR LAYER 3 WILL BE READ ON UNIT 61 USING FORMAT: (10F10.0)

TRANSMIS. ALONG ROWS FOR LAYER 4 WILL BE READ ON UNIT 61 USING FORMAT: (10F10.0)

VERT HYD COND /THICKNESS FOR LAYER 4 WILL BE READ ON UNIT 61 USING FORMAT: (10F10.0)

TRANSMIS. ALONG ROWS FOR LAYER 5 WILL BE READ ON UNIT 61 USING FORMAT: (10F10.0)

SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE

MAXIMUM ITERATIONS ALLOWED FOR CLOSURE = 300
ACCELERATION PARAMETER = 1.0000
HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-02
SIP HEAD CHANGE PRINTOUT INTERVAL = 999

CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED
STRESS PERIOD NO. 1, LENGTH = 1.000000

NUMBER OF TIME STEPS = 1

MULTIPLIER FOR DELT = 1.000

INITIAL TIME STEP SIZE = 1.000000

0 WELLS

8 DRAINS

LAYER	ROW	COL	ELEVATION	CONDUCTANCE	DRAIN NO.
3	16	16	1.000	3000.	1
3	16	17	1.000	3000.	2
3	17	16	1.000	3000.	3
3	17	17	1.000	3000.	4
2	16	16	1.000	3000.	5
2	16	17	1.000	3000.	6
2	17	16	1.000	3000.	7
2	17	17	1.000	3000.	8

RECHARGE WILL BE READ ON UNIT 64 USING FORMAT: (10F10.0)

67 RIVER REACHES

LAYER	ROW	COL	STAGE	CONDUCTANCE	BOTTOM ELEVATION	RIVER REACH
1	18	10	3.000	1600.	2.000	1
1	19	11	3.500	800.0	2.000	2
1	20	11	4.000	800.0	2.000	3
1	21	11	4.000	800.0	2.000	4
1	22	11	5.000	800.0	3.000	5
1	23	11	5.000	800.0	3.000	6
1	23	22	9.000	82.00	7.000	7
1	24	11	5.100	800.0	3.100	8
1	24	12	5.600	800.0	3.600	9
1	24	21	8.200	800.0	6.200	10
1	25	13	5.600	800.0	3.600	11
1	25	14	6.000	800.0	4.000	12
1	25	15	6.900	800.0	4.900	13
1	25	16	7.300	800.0	5.300	14
1	25	17	7.500	800.0	5.500	15
1	25	18	7.600	800.0	5.600	16
1	25	19	7.600	800.0	5.600	17
1	25	20	7.700	800.0	5.700	18
3	7	6	20.00	450.0	17.00	19
3	7	7	20.00	450.0	18.00	20
3	7	8	20.00	800.0	18.00	21
3	7	9	20.00	800.0	18.00	22
3	7	10	21.00	800.0	19.00	23
3	7	11	23.00	800.0	21.00	24
3	7	12	25.00	800.0	23.00	25
3	7	13	28.00	800.0	26.00	26
3	7	14	31.00	800.0	29.00	27
3	7	15	33.00	800.0	31.00	28
3	7	16	34.00	800.0	32.00	29
3	7	17	36.00	800.0	34.00	30
3	7	18	36.00	800.0	34.00	31
3	7	19	37.00	800.0	35.00	32
3	7	20	37.00	800.0	35.00	33
3	7	21	38.00	800.0	36.00	34
3	7	22	40.00	800.0	38.00	35
3	7	23	43.00	800.0	41.00	36
3	7	24	47.00	800.0	45.00	37
3	7	25	51.00	800.0	49.00	38
3	7	26	58.00	800.0	56.00	39
3	7	27	67.00	800.0	65.00	40
3	8	3	12.00	1600.	10.00	41
3	8	4	13.00	1600.	11.00	42
3	8	5	13.00	1600.	11.00	43
3	8	6	15.00	800.0	13.00	44
3	9	3	8.000	1600.	6.000	45
3	10	3	4.000	1600.	2.000	46
3	13	19	10.80	800.0	8.800	47
3	13	20	12.80	800.0	10.80	48
3	13	21	15.60	800.0	13.60	49
3	13	22	18.30	800.0	16.30	50
3	14	6	2.000	1600.	0.0000E+00	51
3	14	7	2.000	1600.	0.0000E-00	52
3	14	8	2.000	1600.	0.0000E+00	53
3	14	17	7.200	800.0	5.200	54
3	14	18	7.200	800.0	5.200	55
3	15	5	2.000	1600.	0.0000E+00	56
3	15	8	2.000	1600.	0.0000E+00	57
3	15	16	4.800	800.0	2.800	58
3	16	5	0.0000E+00	1600.	-2.000	59
3	16	9	2.000	1600.	0.0000E+00	60
3	16	11	3.000	800.0	1.000	61
3	16	12	3.000	800.0	1.000	62
3	16	13	3.000	800.0	1.000	63
3	16	14	3.000	800.0	1.000	64
3	16	15	3.000	800.0	1.000	65
3	17	9	2.200	1600.	0.2000	66
3	17	10	3.000	800.0	1.000	67

159 HEAD-DEPENDENT BOUNDARY NODES

LAYER	ROW	COL	ELEVATION	CONDUCTANCE	BOUND NO.
5	1	1	9.800	0.1000E+06	1
5	1	2	10.10	0.1000E+06	2
5	1	3	10.60	0.1000E+06	3
5	1	4	11.00	0.1000E+06	4
5	1	5	11.30	0.1000E+06	5
5	1	6	11.70	0.1000E+06	6
5	1	7	11.90	0.1000E+06	7
5	1	8	12.10	0.1000E+06	8
5	1	9	12.40	0.1000E+06	9
5	1	10	12.70	0.1000E+06	10
5	1	11	13.80	0.1000E+06	11

1107	5	1	12	15.80	0.1000E+06	12
1108	5	1	13	17.90	0.1000E+06	13
1109	5	1	14	20.10	0.1000E+06	14
1110	5	1	15	22.30	0.1000E+06	15
1111	5	1	16	24.40	0.1000E+06	16
1112	5	1	17	26.50	0.1000E+06	17
1113	5	1	18	28.60	0.1000E+06	18
1114	5	1	19	30.70	0.1000E+06	19
1115	5	1	20	32.80	0.1000E+06	20
1116	5	1	21	35.10	0.1000E+06	21
1117	5	1	22	39.10	0.1000E+06	22
1118	5	1	23	44.30	0.1000E+06	23
1119	5	1	24	48.70	0.1000E+06	24
1120	5	1	25	53.70	0.1000E+06	25
1121	5	1	26	59.00	0.1000E+06	26
1122	5	1	27	66.00	0.1000E+06	27
1123	5	1	28	71.50	0.1000E+06	28
1124	5	1	29	75.00	0.1000E+06	29
1125	5	1	30	82.80	0.1000E+06	30
1126	5	1	31	76.60	0.1000E+06	31
1127	5	2	1	9.500	0.1000E+06	32
1128	5	3	1	8.900	0.1000E+06	33
1129	5	4	1	8.200	0.1000E+06	34
1130	5	5	1	7.500	0.1000E+06	35
1131	5	5	41	22.10	0.1000E+06	36
1132	5	6	1	6.900	0.1000E+06	37
1133	5	6	41	22.40	0.1000E+06	38
1134	5	7	1	6.400	0.1000E+06	39
1135	5	7	41	23.60	0.1000E+06	40
1136	5	8	1	5.800	0.1000E+06	41
1137	5	8	41	24.70	0.1000E+06	42
1138	5	9	1	5.300	0.1000E+06	43
1139	5	9	41	23.50	0.1000E+06	44
1140	5	10	1	4.900	0.1000E+06	45
1141	5	10	41	22.00	0.1000E+06	46
1142	5	11	1	4.600	0.1000E+06	47
1143	5	11	41	20.40	0.1000E+06	48
1144	5	12	1	4.400	0.1000E+06	49
1145	5	12	41	18.70	0.1000E+06	50
1146	5	13	1	4.200	0.1000E+06	51
1147	5	13	41	16.30	0.1000E+06	52
1148	5	14	1	4.000	0.1000E+06	53
1149	5	14	41	14.10	0.1000E+06	54
1150	5	15	1	3.800	0.1000E+06	55
1151	5	15	41	12.10	0.1000E+06	56
1152	5	16	1	3.600	0.1000E+06	57
1153	5	16	41	10.00	0.1000E+06	58
1154	5	17	1	3.500	0.1000E+06	59
1155	5	17	41	7.300	0.1000E+06	60
1156	5	18	1	3.400	0.1000E+06	61
1157	5	18	41	4.000	0.1000E+06	62
1158	5	19	1	3.400	0.1000E+06	63
1159	5	19	41	2.500	0.1000E+06	64
1160	5	20	1	3.300	0.1000E+06	65
1161	5	20	41	1.700	0.1000E+06	66
1162	5	21	1	3.300	0.1000E+06	67
1163	5	21	41	1.900	0.1000E+06	68
1164	5	22	1	3.300	0.1000E+06	69
1165	5	22	41	1.900	0.1000E+06	70
1166	5	23	1	3.300	0.1000E+06	71
1167	5	23	41	1.900	0.1000E+06	72
1168	5	24	1	3.400	0.1000E+06	73
1169	5	24	41	1.800	0.1000E+06	74
1170	5	25	1	3.500	0.1000E+06	75
1171	5	25	41	1.800	0.1000E+06	76
1172	5	26	1	3.600	0.1000E+06	77
1173	5	26	41	1.800	0.1000E+06	78
1174	5	27	1	3.800	0.1000E+06	79
1175	5	27	41	1.900	0.1000E+06	80
1176	5	28	1	3.900	0.1000E+06	81
1177	5	28	41	2.000	0.1000E+06	82
1178	5	29	1	4.000	0.1000E+06	83
1179	5	29	41	2.000	0.1000E+06	84
1180	5	30	1	4.100	0.1000E+06	85
1181	5	30	41	2.000	0.1000E+06	86
1182	5	31	1	4.200	0.1000E+06	87
1183	5	31	41	2.000	0.1000E+06	88
1184	5	32	1	4.300	0.1000E+06	89
1185	5	32	41	1.900	0.1000E+06	90
1186	5	33	1	4.400	0.1000E+06	91
1187	5	33	41	1.900	0.1000E+06	92
1188	5	34	1	4.400	0.1000E+06	93
1189	5	34	41	1.900	0.1000E+06	94
1190	5	35	1	4.500	0.1000E+06	95
1191	5	35	41	2.100	0.1000E+06	96
1192	5	36	1	4.600	0.1000E+06	97
1193	5	36	41	2.300	0.1000E+06	98
1194	5	37	1	4.700	0.1000E+06	99
1195	5	37	41	2.400	0.1000E+06	100
1196	5	38	1	4.700	0.1000E+06	101
1197	5	38	41	2.500	0.1000E+06	102
1198	5	39	1	4.800	0.1000E+06	103
1199	5	39	41	2.700	0.1000E+06	104
1200	5	40	1	4.800	0.1000E+06	105
1201	5	40	41	2.800	0.1000E+06	106

	5	41	1	4.900	0.1000E+06	107
	5	41	41	3.000	0.1000E+06	108
	5	42	1	5.000	0.1000E+06	109
	5	42	41	3.200	0.1000E+06	110
	5	43	1	5.000	0.1000E+06	111
	5	43	41	3.300	0.1000E+06	112
	5	44	1	5.000	0.1000E+06	113
	5	44	41	3.500	0.1000E+06	114
	5	45	1	5.100	0.1000E+06	115
	5	45	41	3.600	0.1000E+06	116
	5	46	1	5.100	0.1000E+06	117
	5	46	41	3.800	0.1000E+06	118
	5	47	1	5.200	0.1000E+06	119
	5	47	2	5.200	0.1000E+06	120
	5	47	3	5.200	0.1000E+06	121
	5	47	4	5.300	0.1000E+06	122
	5	47	5	5.300	0.1000E+06	123
	5	47	6	5.300	0.1000E+06	124
	5	47	7	5.400	0.1000E+06	125
	5	47	8	5.400	0.1000E+06	126
	5	47	9	5.400	0.1000E+06	127
	5	47	10	5.400	0.1000E+06	128
	5	47	11	5.500	0.1000E+06	129
	5	47	12	5.500	0.1000E+06	130
	5	47	13	5.500	0.1000E+06	131
	5	47	14	5.600	0.1000E+06	132
	5	47	15	5.600	0.1000E+06	133
	5	47	16	5.600	0.1000E+06	134
	5	47	17	5.600	0.1000E+06	135
	5	47	18	5.600	0.1000E+06	136
	5	47	19	5.700	0.1000E+06	137
	5	47	20	5.700	0.1000E+06	138
	5	47	21	5.700	0.1000E+06	139
	5	47	22	5.700	0.1000E+06	140
	5	47	23	5.700	0.1000E+06	141
	5	47	24	5.800	0.1000E+06	142
	5	47	25	5.800	0.1000E+06	143
	5	47	26	5.800	0.1000E+06	144
	5	47	27	5.800	0.1000E+06	145
	5	47	28	5.800	0.1000E+06	146
	5	47	29	5.800	0.1000E+06	147
	5	47	30	5.800	0.1000E+06	148
	5	47	31	5.800	0.1000E+06	149
	5	47	32	5.800	0.1000E+06	150
	5	47	33	5.700	0.1000E+06	151
	5	47	34	5.700	0.1000E+06	152
	5	47	35	5.600	0.1000E+06	153
	5	47	36	5.400	0.1000E+06	154
	5	47	37	5.200	0.1000E+06	155
	5	47	38	4.900	0.1000E+06	156
	5	47	39	4.600	0.1000E+06	157
	5	47	40	4.200	0.1000E+06	158
	5	47	41	4.000	0.1000E+06	159

AVERAGE SEED = 0.08680022
MINIMUM SEED = 0.00000000

5 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

0.0000000E+00 0.4572120E+00 0.7053813E+00 0.8400844E+00 0.9131998E+00

126 ITERATIONS FOR TIME STEP 1 IN STRESS PERIOD 1

MAXIMUM HEAD CHANGE FOR EACH ITERATION:

HEAD CHANGE	LAYER,ROW,COL	HEAD CHANGE	LAYER,ROW,COL	HEAD CHANGE	LAYER,ROW,COL	HEAD CHANGE	LAYER,ROW,COL	HEAD CHANGE	LAYER,ROW
-67.53	(4, 2, 25)	-9.099	(3, 4, 14)	5.278	(3, 16, 37)	-3.373	(5, 4, 31)	3.338	(3, 12
2.451	(4, 17, 38)	0.5819	(3, 12, 31)	0.6343	(3, 13, 31)	0.6547	(3, 15, 30)	0.6665	(3, 12
0.2673	(2, 17, 29)	0.1466	(3, 12, 29)	0.1506	(3, 15, 29)	0.1876	(5, 15, 17)	0.2723	(5, 16
0.5443E-01	(4, 12, 34)	0.6762E-01	(5, 16, 16)	0.9456E-01	(5, 16, 17)	0.1368	(5, 17, 18)	0.1961	(5, 16
0.5028E-01	(4, 18, 15)	0.5195E-01	(5, 17, 18)	0.7333E-01	(5, 18, 19)	0.1067	(5, 19, 20)	0.1578	(5, 18
0.3045E-01	(5, 18, 19)	0.4131E-01	(5, 18, 19)	0.5917E-01	(5, 20, 20)	0.8607E-01	(5, 18, 19)	0.1299	(5, 19
0.3319E-01	(4, 23, 22)	0.3379E-01	(5, 20, 21)	0.4819E-01	(5, 18, 20)	0.7223E-01	(5, 20, 20)	0.1055	(5, 19
0.2089E-01	(5, 23, 20)	0.2799E-01	(5, 19, 19)	0.4070E-01	(5, 21, 20)	0.5868E-01	(5, 22, 22)	0.9002E-01	(5, 20
0.2320E-01	(4, 24, 22)	0.2382E-01	(5, 23, 20)	0.3354E-01	(5, 22, 22)	0.5026E-01	(5, 21, 20)	0.7371E-01	(5, 22
0.1480E-01	(5, 24, 21)	0.1966E-01	(5, 23, 22)	0.2850E-01	(5, 21, 20)	0.4122E-01	(5, 22, 22)	0.6305E-01	(5, 21
0.1635E-01	(4, 24, 22)	0.1686E-01	(5, 23, 20)	0.2361E-01	(5, 22, 22)	0.3532E-01	(5, 21, 20)	0.5199E-01	(5, 23
0.1051E-01	(5, 24, 21)	0.1390E-01	(5, 23, 22)	0.2007E-01	(5, 22, 20)	0.2919E-01	(5, 26, 20)	0.4443E-01	(5, 21
0.1156E-01	(4, 24, 22)	0.1198E-01	(5, 24, 20)	0.1675E-01	(5, 26, 20)	0.2491E-01	(5, 21, 20)	0.3684E-01	(5, 26
0.7460E-02	(5, 24, 21)	0.9861E-02	(5, 26, 20)	0.1422E-01	(5, 22, 20)	0.2085E-01	(5, 26, 20)	0.3143E-01	(5, 22
0.8201E-02	(4, 24, 22)	0.8515E-02	(5, 24, 20)	0.1196E-01	(5, 26, 20)	0.1765E-01	(5, 22, 20)	0.2630E-01	(5, 26
0.5302E-02	(5, 24, 21)	0.7040E-02	(5, 26, 20)	0.1007E-01	(5, 22, 20)	0.1489E-01	(5, 26, 20)	0.2230E-01	(5, 22
0.5830E-02	(4, 24, 22)	0.6060E-02	(5, 24, 20)	0.8543E-02	(5, 26, 20)	0.1253E-01	(5, 22, 19)	0.1878E-01	(5, 26
0.3774E-02	(5, 24, 21)	0.5028E-02	(5, 26, 20)	0.7151E-02	(5, 22, 19)	0.1064E-01	(5, 26, 20)	0.1585E-01	(5, 22
0.4153E-02	(4, 24, 22)	0.4318E-02	(5, 24, 20)	0.6102E-02	(5, 26, 20)	0.8909E-02	(5, 22, 19)	0.1342E-01	(5, 26
0.2690E-02	(5, 24, 21)	0.3593E-02	(5, 26, 20)	0.5089E-02	(5, 22, 19)	0.7601E-02	(5, 26, 20)	0.1129E-01	(5, 22
0.2964E-02	(4, 26, 16)	0.3080E-02	(5, 24, 20)	0.4362E-02	(5, 26, 20)	0.6346E-02	(5, 22, 19)	0.9597E-02	(5, 26
0.1919E-02	(5, 24, 21)	0.2569E-02	(5, 26, 20)	0.3629E-02	(5, 23, 19)	0.5436E-02	(5, 26, 20)	0.8047E-02	(5, 22
0.2121E-02	(4, 26, 16)	0.2200E-02	(5, 24, 20)	0.3121E-02	(5, 26, 20)	0.4528E-02	(5, 22, 19)	0.6867E-02	(5, 26
0.1371E-02	(5, 24, 21)	0.1838E-02	(5, 26, 20)	0.2592E-02	(5, 23, 19)	0.3891E-02	(5, 26, 20)	0.5746E-02	(5, 22
0.1520E-02	(4, 27, 16)	0.1573E-02	(5, 24, 20)	0.2234E-02	(5, 26, 20)	0.3234E-02	(5, 22, 19)	0.4917E-02	(5, 26
0.9806E-03	(5, 24, 21)								

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1297
1298
1299
1300  HEAD/DRAWDOWN PRINTOUT FLAG = 1     TOTAL BUDGET PRINTOUT FLAG = 1     CELL-BY-CELL FLOW TERM FLAG = 1
1301
1302  OUTPUT FLAGS FOR EACH LAYER:
1303          HEAD    DRAWDOWN  HEAD  DRAWDOWN
1304  LAYER  PRINTOUT  PRINTOUT  SAVE    SAVE
1305  -----------------------------------------
1306     1       1         1       1       0
1307     2       1         1       1       0
1308     3       1         1       1       0
1309     4       1         1       1       0
1310     5       1         1       1       0
1311  "   CONSTANT HEAD" BUDGET VALUES WILL BE SAVED ON UNIT 30 AT END OF TIME STEP  1, STRESS PERIOD  1
1312  "FLOW RIGHT FACE " BUDGET VALUES WILL BE SAVED ON UNIT 30 AT END OF TIME STEP  1, STRESS PERIOD  1
1313  "FLOW FRONT FACE " BUDGET VALUES WILL BE SAVED ON UNIT 30 AT END OF TIME STEP  1, STRESS PERIOD  1
1314  "FLOW LOWER FACE " BUDGET VALUES WILL BE SAVED ON UNIT 30 AT END OF TIME STEP  1, STRESS PERIOD  1
1315  "          DRAINS" BUDGET VALUES WILL BE SAVED ON UNIT 30 AT END OF TIME STEP  1, STRESS PERIOD  1
1316  "        RECHARGE" BUDGET VALUES WILL BE SAVED ON UNIT 30 AT END OF TIME STEP  1, STRESS PERIOD  1
1317  "   RIVER LEAKAGE" BUDGET VALUES WILL BE SAVED ON UNIT 30 AT END OF TIME STEP  1, STRESS PERIOD  1
1318  " HEAD DEP BOUNDS" BUDGET VALUES WILL BE SAVED ON UNIT 30 AT END OF TIME STEP  1, STRESS PERIOD  1

1319                    HEAD IN LAYER  1 AT END OF TIME STEP  1 IN STRESS PERIOD  1
1320           ---------------------------------------------------------------------
1321
1322                 1       2       3       4       5       6       7       8       9      10      11      12      13      14      15
1323                16      17      18      19      20      21      22      23      24      25      26      27      28      29      30
1324                31      32      33      34      35      36      37      38      39      40      41
1325  ..........................................................................................................................................
1326
1327    1   999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1328        999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1329        999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1330
1331    2   999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1332        999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1333        999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1334
1335    3   999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1336        999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1337        999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1338
1339    4   999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1340        999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1341        999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1342
1343    5   999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1344        999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1345        999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1346
1347    6   999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1348        999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1349        999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1350
1351    7   999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1352        999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1353        999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1354
1355    8   999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1356        999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1357        999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1358
1359    9   999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1360        999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1361        999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1362
1363   10   999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1364        999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1365        999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1366
1367   11   999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1368        999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1369        999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1370
1371   12   999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1372        999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1373        999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1374
1375   13   999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1376        999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00   33.00  999.00  999.00  999.00  999.00
1377        999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1378
1379   14   999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1380        999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00   24.00   27.00   31.00  999.00  999.00  999.00  999.00
1381        999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1382
1383   15   999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1384        999.00   13.15   13.55   13.21   15.22   16.50  999.00  999.00  999.00   28.00   28.00  999.00  999.00  999.00  999.00
1385        999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1386
1387   16   999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1388         11.17   11.76   13.61   14.61   15.79   16.50   16.50  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
1389        999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
```

17	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	10.21	10.94	10.70	
	10.88	5.95	6.57	5.03	3.73	18.50	18.50	15.90	17.00	17.50	999.00	999.00	999.00	28.00	999.00	
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
18	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	4.52	6.89	8.17	8.47	10.16	11.19	
	12.00	7.31	4.49	5.95	7.12	8.06	8.48	8.20	12.00	17.00	19.50	999.00	999.00	26.00	999.00	
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
19	999.00	999.00	1.50	1.50	1.50	999.00	11.36	10.39	7.54	6.47	5.51	7.79	8.63	9.55	11.15	
	18.50	18.50	18.50	18.50	18.50	2.07	12.10	6.65	6.13	7.28	15.00	18.00	18.50	999.00	999.00	
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
20	999.00	1.50	1.50	1.50	1.50	1.50	0.02	10.19	9.26	7.48	5.99	8.16	9.13	10.12	11.40	
	18.50	10.70	11.60	12.60	13.20	13.00	10.30	18.50	18.50	0.51	18.50	17.50	18.50	999.00	999.00	
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
21	999.00	1.50	1.50	1.50	1.50	1.50	17.50	0.13	9.36	8.36	6.23	8.36	9.40	10.40	11.66	
	12.62	13.07	9.56	7.28	3.63	3.54	18.50	18.50	18.50	9.95	11.10	12.20	18.50	18.50	17.50	
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
22	1.50	1.50	1.50	1.50	1.50	1.50	14.50	13.40	14.70	8.44	6.66	8.41	9.42	10.30	11.14	
	12.27	12.84	13.24	13.47	7.87	7.96	8.46	10.10	4.86	8.00	18.50	0.18	18.50	18.50	13.50	
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
23	1.50	1.50	1.50	1.50	1.50	1.50	15.50	10.00	3.30	4.44	6.42	8.25	9.24	9.99	10.63	
	11.36	11.93	12.61	12.98	12.98	18.50	18.50	18.50	18.50	18.50	0.80	11.40	18.50	18.50	13.50	
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
24	1.50	1.50	1.50	1.50	1.50	3.50	7.97	6.71	7.19	8.35	6.26	7.46	8.86	9.49	10.01	
	10.57	11.07	11.43	11.82	12.22	11.78	13.22	12.20	14.50	15.90	16.40	15.60	7.01	17.50	18.50	
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
25	1.50	1.50	1.50	1.50	1.50	21.50	18.50	18.50	18.50	18.50	18.50	8.34	8.08	8.54	9.18	
	9.58	9.91	10.19	10.50	11.48	12.90	13.98	14.84	0.26	8.92	6.67	6.29	18.50	17.50	18.50	
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
26	1.50	1.50	1.50	1.50	1.50	17.50	17.50	6.94	7.88	11.40	14.00	14.40	10.19	10.98	11.32	
	11.69	11.79	12.07	12.66	13.20	13.96	14.63	15.00	7.73	9.31	12.10	2.75	18.50	11.50	18.50	
	999.00	999.00	999.00	999.00	21.50	999.00	999.00	999.00	999.00	999.00	999.00					
27	1.50	1.50	1.50	1.50	0.50	7.50	13.50	18.50	16.50	1.42	0.45	8.78	8.28	12.07	12.44	
	13.05	13.24	13.37	13.61	14.02	14.51	14.85	6.07	18.50	18.50	18.50	18.50	16.50	1.50	17.50	
	999.00	999.00	999.00	11.50	18.50	18.50	999.00	999.00	999.00	999.00	999.00					
28	1.50	1.50	1.50	1.50	0.50	3.50	6.50	10.50	13.50	16.50	11.60	10.40	9.82	11.90	6.81	
	13.88	13.91	13.99	18.50	17.50	0.60	10.40	9.91	9.55	18.50	18.50	7.11	10.30	2.50	4.50	
	1.50	1.50	5.50	18.50	18.50	18.50	18.50	999.00	999.00	999.00	999.00					
29	1.50	1.50	1.50	1.50	1.50	4.50	6.50	9.50	11.50	11.90	12.00	10.90	3.73	18.50	18.50	
	18.50	18.50	18.50	18.50	18.50	4.17	12.30	12.30	10.30	0.33	18.50	0.41	18.50	18.50	1.50	
	1.50	1.50	6.50	19.50	18.50	17.50	18.50	11.50	999.00	999.00	999.00					
30	1.50	1.50	1.50	0.50	3.50	5.50	8.50	10.50	13.50	11.00	18.50	8.28	12.00	11.50	11.10	
	18.50	18.50	6.16	9.31	8.88	8.33	7.65	6.34	0.49	18.50	17.50	18.50	17.50	18.50	1.50	
	1.50	1.50	6.50	18.50	18.50	18.50	18.50	5.50	999.00	999.00	999.00					
31	1.50	1.50	1.50	0.50	4.50	7.50	9.50	11.50	13.50	16.50	18.50	18.50	18.50	0.87	6.09	
	13.80	2.04	18.50	18.50	0.39	17.50	15.50	14.50	13.70	13.50	12.80	8.91	10.10	17.50	1.50	
	1.50	1.50	3.50	10.50	15.50	18.50	18.50	1.50	999.00	999.00	999.00					
32	1.50	1.50	1.50	0.50	4.50	8.50	11.50	13.50	15.50	17.50	1.35	1.65	3.02	4.20	2.60	
	1.07	18.50	12.50	11.50	0.03	17.50	16.50	4.50	1.50	3.12	4.12	7.34	9.66	18.50	18.50	
	1.50	1.50	1.50	1.50	16.50	17.50	18.50	1.50	999.00	999.00	999.00					
33	1.50	1.50	1.50	0.50	4.50	8.50	11.50	14.50	17.50	18.50	18.50	18.50	18.50	1.37	18.50	
	11.80	15.70	15.00	13.90	4.50	10.50	16.50	0.64	1.50	1.50	3.78	6.53	9.21	9.75	19.50	
	1.50	1.50	1.50	1.50	17.50	14.50	18.50	1.50	1.50	999.00	999.00					
34	1.50	2.50	1.50	0.50	4.50	8.50	11.50	14.50	17.50	17.50	18.50	18.00	18.00	0.01	18.50	
	17.40	13.50	4.50	0.50	1.50	3.50	11.50	11.50	1.50	1.50	3.43	6.55	9.02	9.03	6.13	
	1.50	1.50	1.50	2.50	17.50	11.50	18.50	1.50	1.50	999.00	999.00					
35	3.50	10.50	1.50	0.50	3.50	8.50	12.50	15.50	18.50	18.50	18.50	0.04	16.00	18.50	17.54	
	17.00	15.93	14.94	13.93	0.44	1.50	1.50	0.25	1.50	1.50	3.32	6.29	8.57	8.50	5.75	
	1.50	1.50	1.50	4.10	7.55	6.63	18.50	1.50	1.50	1.50	999.00					
36	6.50	17.50	1.50	1.50	4.50	10.50	13.50	17.50	18.50	18.50	18.50	18.50	2.66	17.92	17.50	
	16.72	15.71	14.46	12.53	9.58	7.28	5.13	1.50	1.50	1.50	3.21	6.11	8.00	7.47	4.45	
	1.50	1.50	1.50	3.64	6.79	5.99	12.50	1.50	1.50	1.50	1.50					
37	8.50	18.50	7.50	3.50	6.50	11.50	15.50	18.50	18.50	18.50	18.50	18.37	18.13	17.79	17.24	
	16.39	15.42	13.92	11.96	9.52	7.07	5.03	2.54	1.50	1.50	3.10	5.82	7.33	6.08	3.08	
	1.50	1.50	1.50	2.78	5.50	4.86	3.36	1.50	1.50	1.50	1.50					
38	10.50	18.50	12.50	9.50	8.50	13.50	17.50	18.50	18.50	18.50	18.26	18.17	17.84	17.34	16.69	
	15.91	14.96	13.42	11.57	8.99	6.41	4.17	1.50	1.50	1.50	3.04	5.31	6.43	4.50	1.50	
	1.50	1.50	1.50	1.50	4.16	3.39	2.63	1.50	1.50	1.50	1.50					
39	13.50	18.50	18.50	15.50	14.50	15.50	16.50	18.50	17.57	17.69	17.81	17.65	17.24	16.62	15.75	
	15.18	14.09	12.58	10.69	8.21	5.46	3.26	1.50	1.50	1.50	3.01	4.82	5.41	2.98	1.50	
	1.50	1.50	1.50	1.50	2.85	1.50	1.50	1.50	1.50	1.50	1.50					
40	15.50	18.50	18.50	18.50	17.50	17.50	15.76	16.24	16.88	17.10	17.08	16.78	16.22	15.50	14.89	
	13.95	12.78	11.55	9.87	7.37	4.43	1.50	1.50	1.50	2.19	3.13	4.48	4.61	1.50	1.50	

	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50				
41	18.50	18.50	18.50	17.50	11.18	12.79	14.30	15.19	15.74	15.90	15.69	15.12	14.26	13.21	12.17
	11.17	10.33	9.24	8.02	6.12	3.64	1.50	1.50	1.50	2.24	2.97	3.92	3.93	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50				
42	21.72	15.29	5.45	5.18	7.74	9.94	11.80	12.98	13.60	13.69	13.13	11.80	9.97	8.12	7.11
	6.62	5.93	5.41	5.30	4.35	2.76	1.50	1.50	1.50	1.50	2.18	2.51	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	10.15				
43	21.75	14.81	1.50	1.50	4.26	5.83	7.88	9.62	10.62	10.76	9.67	7.46	4.92	1.50	1.50
	1.50	1.50	1.50	2.44	2.44	2.04	1.12	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	9.99				
44	21.91	14.89	1.50	1.50	1.50	1.50	4.03	5.82	7.10	7.51	6.75	5.39	3.78	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	9.55				
45	22.29	15.66	1.50	1.50	1.50	1.50	2.99	3.97	4.50	4.66	4.55	4.14	3.45	2.52	1.50
	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	8.69				
46	23.13	18.69	9.72	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	6.61				
47	23.25	18.02	8.84	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	3.63	4.64	4.20	1.50	1.50	1.50	1.50	1.50	1.50				

HEAD IN LAYER 2 AT END OF TIME STEP 1 IN STRESS PERIOD 1

	1	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	32	33	34	35	36	37	38	39	40	41				
1	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00				
2	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00				
3	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00				
4	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00				
5	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00				
6	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00				
7	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00				
8	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00				
9	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00				
10	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00				
11	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00				
12	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00				
13	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	33.59	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00				
14	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	24.69	27.60	32.05	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00				

15	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	7.63	9.37	11.64	15.09	18.48	999.00	999.00	999.00	27.10	29.13	999.00	999.00	999.00	999.00	
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
16	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	1.65	1.93	12.24	12.67	14.98	17.89	19.25	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
17	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	6.82	6.66	6.19
	1.56	1.60	6.64	6.92	7.21	17.06	18.15	17.76	19.24	20.66	999.00	999.00	999.00	32.28	999.00	
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
18	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	4.78	6.15	6.83	7.91	7.39	9.13	
	9.26	6.63	6.04	7.73	8.92	10.37	11.31	11.63	14.64	18.79	21.98	999.00	999.00	29.31	999.00	
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
19	999.00	999.00	1.66	1.68	1.70	999.00	7.81	7.78	6.61	6.17	5.75	7.40	8.10	8.72	9.18	
	12.75	12.87	13.39	14.09	14.81	7.25	12.82	10.45	9.40	11.28	16.98	20.42	22.42	999.00	999.00	
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
20	999.00	1.66	1.84	1.80	2.02	2.12	1.25	7.40	7.24	6.84	6.17	7.52	8.24	8.88	9.51	
	13.09	9.35	10.16	11.19	12.02	12.40	11.47	15.91	16.15	5.43	17.85	18.41	20.76	999.00	999.00	
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
21	999.00	1.81	2.03	2.21	2.31	2.51	10.83	2.45	7.34	7.12	6.31	7.65	8.42	9.10	9.81	
	10.38	10.77	9.30	8.54	7.10	7.39	15.19	15.48	15.77	11.85	12.55	13.94	19.03	20.54	20.18	
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
22	1.72	1.97	2.19	2.39	2.54	2.77	9.48	9.17	10.05	7.18	6.55	7.71	8.48	9.14	9.72	
	10.38	10.83	11.24	11.61	9.08	9.37	9.84	10.88	8.48	10.31	15.77	4.72	17.39	18.30	15.35	
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
23	1.91	2.12	2.34	2.55	2.74	2.93	10.10	7.54	4.40	5.21	6.45	7.63	8.41	9.01	9.53	
	10.07	10.52	10.97	11.34	11.50	14.43	14.57	14.72	14.86	15.00	6.27	11.64	15.95	16.56	13.48	
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
24	2.08	2.26	2.50	2.70	2.89	4.06	6.44	5.96	6.39	7.18	6.38	7.24	8.19	8.73	9.19	
	9.67	10.09	10.40	10.72	10.97	10.85	11.66	11.23	12.44	13.19	13.49	13.08	8.58	14.71	14.87	
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
25	2.23	2.38	2.62	2.83	3.04	13.15	11.78	11.93	12.09	12.28	12.51	7.66	7.75	8.18	8.68	
	9.07	9.40	9.67	9.91	10.44	11.20	11.80	12.28	5.01	9.35	8.22	7.97	13.92	13.95	14.02	
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
26	2.34	2.49	2.72	2.95	3.09	11.21	11.34	6.20	6.82	8.76	10.26	10.67	8.76	9.33	9.66	
	10.00	10.25	10.50	10.83	11.14	11.57	11.94	12.15	8.53	9.30	10.67	5.91	13.59	9.67	13.64	
	999.00	999.00	999.00	999.00	21.17	999.00	999.00	999.00	999.00	999.00	999.00					
27	2.45	2.59	2.81	2.99	2.63	6.26	9.38	12.02	11.17	3.79	3.48	7.83	7.75	9.81	10.13	
	10.56	10.78	10.94	11.12	11.39	11.68	11.88	7.51	13.72	13.69	13.65	13.55	12.34	4.45	11.73	
	999.00	999.00	999.00	11.27	18.29	21.63	999.00	999.00	999.00	999.00	999.00					
28	2.56	2.68	2.88	3.05	2.68	4.31	5.92	8.06	9.70	11.35	9.05	8.61	8.47	9.65	7.23	
	10.88	10.98	11.10	13.42	12.97	4.56	9.50	9.26	9.07	13.52	13.47	7.68	9.08	4.84	5.26	
	2.87	2.39	5.41	14.17	17.13	19.87	21.77	999.00	999.00	999.00	999.00					
29	2.65	2.77	2.95	3.10	3.22	4.84	5.95	7.58	8.72	9.06	9.25	8.83	5.38	12.90	13.01	
	13.10	13.18	13.24	13.30	13.34	6.22	10.31	10.32	9.31	4.30	13.33	4.19	13.07	12.79	3.84	
	3.30	2.78	6.35	14.43	15.96	17.69	19.94	15.93	999.00	999.00	999.00					
30	2.75	2.85	3.01	2.65	4.27	5.38	6.98	8.10	9.73	8.61	12.48	7.50	9.48	9.34	9.25	
	13.04	13.11	6.99	8.61	8.43	8.19	7.87	7.22	4.29	13.27	12.72	13.14	12.50	12.78	3.94	
	3.61	3.73	6.58	13.75	15.42	16.94	18.23	10.23	999.00	999.00	999.00					
31	2.83	2.93	3.07	2.69	4.80	6.41	7.51	8.62	9.73	11.35	12.47	12.58	12.69	3.98	6.69	
	10.63	4.81	13.09	13.13	4.10	12.68	11.70	11.21	10.80	10.68	10.29	8.28	8.76	12.28	4.03	
	3.82	3.92	5.25	9.62	13.43	16.17	16.83	6.05	999.00	999.00	999.00					
32	2.90	2.99	3.12	2.74	4.84	6.95	8.54	9.63	10.74	11.84	3.87	4.12	4.91	5.59	4.89	
	4.20	12.98	10.03	9.56	3.85	12.61	12.12	6.13	4.63	5.42	5.88	7.44	8.50	12.80	12.61	
	3.98	4.07	4.37	5.03	13.53	14.99	15.98	5.04	999.00	999.00	999.00					
33	2.97	3.05	3.17	2.78	4.88	6.97	8.56	10.14	11.73	12.33	12.43	12.52	12.61	4.13	12.78	
	9.51	11.53	11.22	10.71	6.03	9.05	12.06	4.14	4.57	4.55	5.67	7.00	8.26	8.44	13.18	
	4.10	4.19	4.44	4.96	13.68	12.91	15.23	5.75	1.80	999.00	999.00					
34	3.03	3.60	3.22	2.82	4.91	7.00	8.57	10.15	11.73	11.82	12.41	12.25	12.33	3.41	12.74	
	12.26	10.37	5.92	3.96	4.48	5.50	9.51	9.52	4.52	4.51	5.45	6.98	8.16	8.10	6.55	
	4.20	4.28	4.49	5.40	13.42	10.91	14.60	5.24	2.10	999.00	999.00					
35	4.08	7.65	3.26	2.86	4.44	7.02	9.09	10.66	12.23	12.31	12.39	3.24	11.30	12.62	12.22	
	12.01	11.54	11.09	10.62	3.90	4.45	4.47	3.86	4.48	4.48	5.37	6.83	7.93	7.84	6.41	
	4.27	4.34	4.52	6.14	8.28	8.11	14.08	4.88	2.35	1.80	999.00					
36	5.63	11.20	3.30	3.39	4.97	8.04	9.60	11.67	12.23	12.30	12.38	12.45	4.60	12.30	12.16	
	11.83	11.38	10.80	9.88	8.43	7.30	6.24	4.44	4.45	4.46	5.29	6.72	7.64	7.34	5.79	
	4.32	4.39	4.53	5.85	7.75	7.55	10.73	4.63	2.96	2.05	1.71					
37	6.68	11.74	6.34	4.42	5.99	8.56	10.61	12.17	12.23	12.30	12.36	12.37	12.32	12.21	11.99	
	11.62	11.19	10.49	9.54	8.35	7.14	6.15	4.93	4.42	4.43	5.21	6.55	7.29	6.65	5.13	
	4.34	4.41	4.53	5.37	6.97	6.78	5.92	4.43	3.07	2.26	1.87					
38	7.73	11.78	8.87	7.44	7.01	9.57	11.62	12.18	12.23	12.29	12.24	12.25	12.15	11.96	11.69	
	11.35	10.92	10.19	9.30	8.04	6.77	5.67	4.36	4.38	4.39	5.15	6.28	6.83	5.86	4.35	
	4.36	4.42	4.51	4.67	6.19	5.87	5.37	4.28	3.16	2.41	2.03					

39	9.27	11.82	11.90	10.46	10.02	10.58	12.13	12.18	11.77	11.88	12.00	11.97	11.83	11.57	11.19
	10.95	10.45	9.73	8.92	7.61	6.26	5.19	4.32	4.34	4.35	5.10	6.01	6.31	5.08	4.35
	4.36	4.41	4.49	4.62	5.43	4.79	4.65	4.17	3.23	2.54	2.18				
40	10.30	11.85	11.92	11.98	11.54	11.59	10.77	11.05	11.42	11.59	11.62	11.52	11.30	10.99	10.73
	10.31	9.76	9.18	8.37	7.15	5.70	4.26	4.28	4.30	4.65	5.13	5.82	5.88	4.33	4.33
	4.35	4.39	4.46	4.56	4.66	4.67	4.52	4.08	3.28	2.66	2.32				
41	11.84	11.88	11.95	11.50	8.39	9.25	10.04	10.53	10.85	10.98	10.92	10.68	10.29	9.82	9.34
	8.88	8.50	7.99	7.40	6.48	5.26	4.22	4.23	4.25	4.64	5.01	5.50	5.51	4.30	4.31
	4.33	4.37	4.42	4.49	4.56	4.54	4.39	4.00	3.33	2.79	2.48				
42	13.48	10.31	5.45	5.36	6.69	7.83	8.80	9.43	9.78	9.86	9.62	9.00	8.12	7.23	6.77
	6.56	6.25	6.02	6.00	5.54	4.77	4.16	4.18	4.20	4.21	4.56	4.75	4.26	4.27	4.28
	4.30	4.33	4.37	4.42	4.45	4.41	4.26	3.92	3.38	2.91	6.98				
43	13.53	10.10	3.49	3.54	4.96	5.79	6.84	7.75	8.28	8.39	7.88	6.81	5.57	3.90	3.93
	3.96	4.00	4.03	4.52	4.54	4.37	3.93	4.13	4.15	4.17	4.18	4.20	4.22	4.24	4.25
	4.27	4.30	4.32	4.35	4.36	4.30	4.16	3.87	3.42	3.02	7.04				
44	13.63	10.15	3.51	3.55	3.59	3.62	4.92	5.84	6.52	6.75	6.40	5.75	4.98	3.87	3.90
	3.93	3.96	3.99	4.01	4.04	4.06	4.08	4.09	4.11	4.13	4.14	4.16	4.18	4.20	4.22
	4.24	4.26	4.28	4.30	4.29	4.22	4.08	3.82	3.44	3.10	6.93				
45	13.85	10.56	3.52	3.56	3.59	3.62	4.40	4.91	5.20	5.32	5.29	5.11	4.79	4.35	3.87
	3.89	3.92	3.95	3.97	4.00	4.02	4.04	4.06	4.07	4.09	4.11	4.13	4.15	4.17	4.19
	4.21	4.23	4.24	4.24	4.21	4.14	4.01	3.79	3.47	3.18	6.60				
46	14.29	12.10	7.65	3.57	3.59	3.62	3.64	3.66	3.68	3.71	3.73	3.76	3.78	3.81	3.84
	3.86	3.89	3.91	3.93	3.96	3.98	4.00	4.02	4.04	4.05	4.07	4.09	4.11	4.13	4.15
	4.17	4.18	4.19	4.18	4.14	4.06	3.94	3.75	3.49	3.26	5.67				
47	14.37	11.77	7.21	3.57	3.59	3.61	3.63	3.65	3.68	3.70	3.72	3.75	3.77	3.80	3.82
	3.85	3.87	3.89	3.91	3.94	3.96	3.98	4.00	4.01	4.03	4.05	4.07	4.09	4.10	4.12
	4.14	4.15	5.22	5.72	5.45	4.02	3.91	3.74	3.50	3.30	3.17				

HEAD IN LAYER 3 AT END OF TIME STEP 1 IN STRESS PERIOD 1

	1	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	32	33	34	35	36	37	38	39	40	41				
1	3.00	3.00	3.00	3.00	3.00	1.00	6.00	5.00	11.00	14.00	35.00	69.00	80.00	74.00	63.00
	67.00	71.00	64.00	56.00	71.00	66.00	38.50	60.00	79.00	80.00	100.00	98.00	97.00	98.00	98.00
	77.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00				
2	3.00	1.50	3.00	1.50	11.00	13.00	32.00	88.00	90.00	64.00	49.00	15.00	22.00	84.00	120.00
	109.00	86.00	78.00	78.00	81.00	90.00	107.00	136.00	169.00	183.00	180.00	178.00	148.00	99.00	59.50
	83.00	42.50	82.00	62.50	33.50	999.00	999.00	999.00	999.00	999.00	999.00				
3	3.00	2.00	16.00	15.00	18.00	19.00	17.00	16.00	24.00	35.00	48.00	56.00	59.00	72.00	87.00
	57.00	45.00	69.00	81.00	86.00	86.00	80.00	90.00	98.00	125.76	126.36	127.62	131.31	136.78	141.00
	77.00	98.00	79.00	30.50	18.50	23.50	41.50	83.00	999.00	999.00	999.00				
4	1.50	33.00	100.00	89.00	69.00	74.00	93.00	87.30	88.10	93.85	96.79	99.23	100.94	102.47	103.67
	104.35	104.94	105.53	106.82	107.01	107.58	108.86	110.94	111.74	111.82	109.58	102.00	117.13	123.96	130.72
	76.50	58.00	53.00	49.00	18.50	18.50	29.50	79.00	17.50	74.00	999.00				
5	1.50	33.01	57.17	61.01	62.62	63.53	64.32	65.71	67.16	72.07	75.31	77.90	80.87	82.96	83.83
	83.52	82.82	82.38	81.78	81.78	83.07	85.86	91.72	98.97	103.52	105.75	108.96	113.48	122.80	127.50
	126.09	66.50	42.00	17.50	19.50	20.50	21.50	63.00	67.00	24.50	98.00				
6	1.50	27.87	43.08	43.82	41.54	40.15	39.82	40.22	40.90	41.69	44.40	48.85	52.93	55.57	57.22
	57.87	57.86	58.21	59.05	61.11	62.04	63.12	66.31	72.37	81.81	89.72	97.32	104.93	113.23	120.52
	121.28	121.73	60.00	79.00	20.50	17.50	18.50	32.00	36.00	72.00	98.00				
7	1.50	18.73	30.59	31.81	29.44	27.48	26.87	26.39	26.53	27.10	27.93	28.77	30.96	33.85	36.76
	39.44	42.05	43.49	44.80	45.63	47.06	48.69	50.14	52.80	57.16	62.83	73.80	92.45	102.29	109.98
	114.01	114.49	98.00	65.00	15.50	18.00	20.00	19.00	17.00	77.00	98.00				
8	1.50	8.63	12.71	14.43	16.21	18.52	20.49	21.62	22.54	23.33	24.13	25.13	26.19	27.36	30.19
	33.77	36.79	39.10	41.11	42.44	43.34	45.45	48.19	51.74	56.52	62.40	70.90	81.85	90.80	97.65
	101.50	100.93	94.29	72.00	17.00	19.50	17.00	4.50	61.00	19.00	79.00				
9	1.50	1.50	6.95	9.52	11.74	13.81	15.50	16.95	18.20	19.24	19.94	20.90	21.98	23.01	23.90
	25.46	27.26	28.78	30.68	33.32	35.64	38.00	38.11	40.09	44.23	50.08	58.14	69.06	78.43	85.97
	90.42	89.33	83.25	58.00	17.00	17.50	12.50	1.50	1.50	1.50	56.00				
10	1.50	1.50	4.47	6.91	9.11	10.86	12.23	13.57	14.81	15.96	16.77	17.53	18.29	19.03	19.86
	20.88	22.08	22.84	24.19	26.17	28.42	30.63	32.26	34.01	36.99	42.40	50.78	61.30	71.15	78.99
	83.27	82.90	78.60	42.00	18.00	1.50	1.50	1.50	1.50	1.50	47.00				
11	1.50	1.50	3.15	5.38	7.41	8.94	10.06	11.21	12.38	13.49	14.28	14.86	15.41	15.98	16.85
	17.71	18.71	19.17	20.28	22.31	24.81	27.12	29.10	30.86	33.27	37.90	46.93	57.20	66.27	74.40
	77.83	79.13	78.65	15.00	18.00	1.50	1.50	1.50	1.50	1.50	88.00				
12	1.50	1.50	1.50	4.07	5.96	7.31	8.32	9.32	10.40	11.42	12.23	12.56	12.98	13.31	13.85
	14.39	15.23	16.30	17.41	19.53	22.26	24.87	27.08	29.05	31.26	34.90	42.96	52.36	60.79	68.88
	72.45	75.45	77.37	79.65	72.33	19.50	1.50	1.50	1.50	1.50	92.00				
13	1.50	1.50	1.50	2.85	4.45	5.57	6.41	7.36	8.60	9.61	10.38	10.83	11.17	11.36	11.35

		11.46	11.91	12.84	13.68	16.60	19.70	22.68	25.39	27.53	29.54	34.07	41.10	47.70	54.51	61.58
		66.50	70.99	74.14	74.72	68.62	59.50	1.50	1.50	1.50	1.50	100.00				
	14	1.50	1.50	1.50	1.50	3.23	3.86	4.43	5.16	6.82	8.02	8.77	9.17	9.39	9.49	9.43
		9.36	9.58	9.97	8.29	15.03	18.88	21.67	23.73	25.41	28.18	33.00	38.69	43.77	48.63	53.64
		57.72	64.73	68.60	72.37	67.54	37.49	18.00	9.00	3.00	1.50	100.00				
	15	1.50	1.50	1.50	1.50	2.41	3.35	3.98	4.40	5.61	6.66	7.33	7.69	7.86	7.80	7.48
		7.01	7.54	9.20	10.98	14.95	18.47	21.19	22.91	24.17	26.18	30.30	35.84	40.22	43.97	46.19
		48.34	56.48	61.56	68.26	66.52	49.84	17.00	18.00	13.00	1.50	101.00				
	16	1.50	1.50	1.50	1.50	1.50	2.88	3.59	4.20	4.62	5.71	6.19	6.54	6.65	6.45	5.77
		3.20	3.14	7.40	10.61	14.11	17.25	20.09	22.28	23.80	25.72	28.15	32.72	36.97	40.42	40.91
		42.71	48.79	53.97	61.81	63.82	58.19	70.63	17.00	31.00	1.50	88.00				
	17	1.50	1.50	1.50	1.50	1.50	2.66	3.33	4.01	4.39	5.28	6.05	6.46	6.71	6.51	5.62
		2.67	2.90	6.74	9.87	12.90	15.49	17.78	20.03	22.04	24.74	27.39	30.24	33.85	36.85	38.47
		39.17	41.40	46.60	55.29	60.02	60.09	69.54	70.81	33.00	1.50	43.00				
	18	1.50	1.50	1.50	1.50	1.50	2.38	3.14	4.04	4.74	5.24	6.03	6.62	7.08	7.00	6.43
		5.66	5.95	7.59	9.51	11.58	13.65	15.33	16.78	18.33	21.13	25.14	28.37	31.06	33.10	36.12
		36.34	36.07	39.20	49.25	55.77	59.31	66.96	68.82	32.00	1.50	1.50				
	19	1.50	1.50	1.82	1.87	1.91	1.50	3.04	4.27	5.24	5.69	6.15	6.82	7.32	7.52	7.20
		7.01	7.23	8.29	9.69	11.13	12.43	13.53	14.24	14.11	17.03	20.22	24.32	27.82	29.97	33.29
		32.80	33.30	33.95	43.75	52.13	56.78	63.72	65.49	53.27	1.50	1.50				
	20	1.50	1.82	2.18	2.39	2.54	2.73	3.67	4.61	5.22	5.87	6.35	6.88	7.34	7.63	7.62
		7.69	8.00	8.75	9.79	10.84	11.80	12.64	13.31	13.81	15.13	17.00	19.66	23.88	27.54	29.69
		25.97	29.45	30.84	38.58	46.27	53.26	59.99	61.63	51.43	1.50	1.50				
	21	1.50	2.13	2.55	2.92	3.12	3.52	4.15	4.76	5.32	5.87	6.39	6.94	7.43	7.81	7.96
		8.15	8.48	9.04	9.79	10.56	11.25	11.87	12.45	13.04	13.74	14.73	16.58	19.75	23.38	23.91
		18.53	23.32	23.43	32.87	41.41	49.20	55.60	57.19	47.61	1.50	1.50				
	22	1.93	2.44	2.88	3.27	3.58	4.03	4.46	4.93	5.41	5.91	6.43	7.01	7.54	7.98	8.30
		8.50	8.82	9.24	9.75	10.29	10.77	11.22	11.65	12.10	12.62	13.03	13.81	15.85	18.01	18.11
		14.94	16.76	15.14	26.84	37.53	44.72	50.48	52.18	41.82	1.50	1.50				
	23	2.32	2.74	3.19	3.61	3.98	4.35	4.70	5.08	5.50	5.97	6.47	7.02	7.58	8.04	8.44
		8.78	9.11	9.34	9.69	10.03	10.35	10.65	10.93	11.21	11.49	11.73	11.89	12.35	13.77	13.44
		11.63	11.11	11.32	21.14	33.06	40.14	44.99	46.27	35.32	7.40	1.50				
	24	2.67	3.02	3.50	3.90	4.29	4.61	4.90	5.22	5.59	6.02	6.49	7.03	7.51	7.96	8.38
		8.76	9.10	9.38	9.61	9.72	9.91	10.10	10.26	10.38	10.49	10.58	10.56	10.14	10.54	9.67
		8.49	7.16	7.75	15.95	26.92	35.08	39.28	39.73	29.29	9.87	1.50				
	25	2.95	3.27	3.75	4.16	4.57	4.81	5.06	5.35	5.68	6.07	6.51	6.98	7.43	7.81	8.19
		8.56	8.90	9.16	9.32	9.40	9.51	9.63	9.72	9.76	9.78	9.77	9.66	9.34	8.70	7.32
		6.01	5.42	3.00	12.90	22.94	31.02	34.71	34.57	24.67	10.86	1.50				
	26	3.18	3.47	3.95	4.39	4.67	4.93	5.18	5.45	5.76	6.12	6.52	6.93	7.32	7.68	8.00
		8.32	8.70	8.93	8.99	9.08	9.18	9.26	9.31	9.32	9.30	9.23	9.07	8.69	7.85	6.26
		3.00	4.23	3.00	12.08	20.75	28.86	31.96	31.44	21.64	10.54	1.50				
	27	3.40	3.67	4.11	4.48	4.77	5.03	5.27	5.54	5.83	6.17	6.52	6.87	7.22	7.54	7.82
		8.07	8.32	8.51	8.64	8.75	8.84	8.91	8.94	8.93	8.89	8.79	8.60	8.18	7.40	5.96
		3.00	3.00	4.12	10.91	18.00	25.64	29.50	28.68	18.49	9.59	1.50				
	28	3.61	3.87	4.26	4.59	4.86	5.11	5.35	5.61	5.90	6.20	6.51	6.82	7.12	7.41	7.66
		7.87	8.05	8.21	8.33	8.44	8.53	8.60	8.62	8.60	8.54	8.43	8.24	7.85	7.19	6.02
		4.24	4.11	5.25	9.83	15.32	21.65	26.00	26.11	15.09	8.15	1.50				
	29	3.81	4.05	4.40	4.69	4.95	5.19	5.41	5.67	5.94	6.21	6.49	6.77	7.04	7.29	7.52
		7.71	7.86	7.99	8.09	8.18	8.26	8.32	8.34	8.32	8.26	8.16	7.98	7.64	7.09	6.19
		5.09	5.26	6.20	9.37	13.42	17.95	21.80	22.52	11.33	6.65	1.50				
	30	3.99	4.21	4.53	4.79	5.03	5.25	5.47	5.71	5.97	6.22	6.47	6.71	6.96	7.19	7.40
		7.57	7.71	7.82	7.91	7.98	8.05	8.09	8.10	8.09	8.04	7.95	7.78	7.49	7.06	6.38
		5.71	5.97	6.65	9.01	12.33	15.39	17.89	18.35	7.32	5.30	1.50				
	31	4.16	4.35	4.64	4.89	5.11	5.32	5.52	5.74	5.97	6.21	6.43	6.65	6.87	7.09	7.29
		7.45	7.58	7.68	7.75	7.82	7.87	7.90	7.92	7.90	7.86	7.78	7.64	7.41	7.07	6.57
		6.15	6.35	7.00	8.74	11.37	13.85	15.15	14.76	4.20	3.95	1.50				
	32	4.31	4.48	4.75	4.97	5.18	5.39	5.57	5.77	5.97	6.19	6.40	6.60	6.80	6.99	7.17
		7.33	7.46	7.56	7.62	7.67	7.72	7.75	7.77	7.76	7.72	7.65	7.54	7.35	7.09	6.73
		6.46	6.64	7.23	8.56	10.55	12.49	13.46	11.81	1.50	2.79	1.50				
	33	4.44	4.60	4.84	5.05	5.26	5.45	5.61	5.79	5.97	6.16	6.36	6.54	6.72	6.90	7.07
		7.22	7.35	7.45	7.51	7.56	7.60	7.63	7.64	7.64	7.61	7.55	7.46	7.32	7.13	6.87
		6.70	6.87	7.39	8.41	9.85	11.32	11.96	9.99	2.39	1.50	1.50				
	34	4.56	4.71	4.94	5.14	5.32	5.50	5.65	5.81	5.97	6.14	6.32	6.49	6.66	6.82	6.97
		7.12	7.25	7.34	7.41	7.46	7.50	7.53	7.55	7.54	7.52	7.48	7.41	7.30	7.16	6.98
		6.89	7.06	7.48	8.29	9.34	10.32	10.70	8.98	3.25	1.50	1.50				
	35	4.67	4.81	5.02	5.21	5.38	5.54	5.68	5.82	5.97	6.12	6.28	6.45	6.60	6.75	6.89
		7.02	7.14	7.24	7.32	7.37	7.41	7.44	7.46	7.47	7.46	7.42	7.36	7.28	7.19	7.06
		7.03	7.19	7.54	8.18	9.00	9.59	9.66	8.26	3.97	2.09	1.50				
	36	4.77	4.90	5.10	5.28	5.43	5.58	5.70	5.83	5.97	6.11	6.25	6.40	6.55	6.69	6.81
		6.94	7.05	7.14	7.22	7.27	7.32	7.35	7.39	7.41	7.42	7.37	7.32	7.27	7.21	7.13
		7.14	7.28	7.56	8.07	8.71	9.11	8.95	7.76	4.42	2.61	1.92				

1861	37	4.87	4.99	5.17	5.33	5.48	5.61	5.72	5.84	5.97	6.10	6.23	6.36	6.50	6.63	6.75
1862		6.86	6.96	7.05	7.12	7.18	7.22	7.26	7.31	7.34	7.35	7.32	7.29	7.25	7.22	7.18
1863		7.19	7.32	7.56	7.96	8.45	8.70	8.49	7.37	4.65	3.03	2.25				
1864																
1865	38	4.95	5.06	5.24	5.38	5.52	5.64	5.74	5.85	5.97	6.09	6.21	6.33	6.45	6.58	6.69
1866		6.78	6.88	6.96	7.03	7.09	7.13	7.17	7.23	7.26	7.27	7.26	7.25	7.23	7.21	7.20
1867		7.22	7.33	7.53	7.84	8.22	8.36	8.11	7.05	4.82	3.32	2.56				
1868																
1869	39	5.03	5.13	5.29	5.43	5.55	5.66	5.76	5.86	5.97	6.08	6.19	6.30	6.41	6.53	6.63
1870		6.72	6.80	6.88	6.94	7.00	7.05	7.10	7.15	7.17	7.19	7.20	7.20	7.21	7.19	7.20
1871		7.22	7.32	7.48	7.73	8.01	8.07	7.80	6.84	4.96	3.58	2.87				
1872																
1873	40	5.10	5.19	5.34	5.46	5.58	5.68	5.77	5.87	5.97	6.07	6.17	6.27	6.37	6.48	6.58
1874		6.66	6.74	6.81	6.87	6.93	6.97	7.02	7.06	7.09	7.12	7.14	7.15	7.15	7.16	7.17
1875		7.20	7.29	7.42	7.62	7.82	7.83	7.54	6.67	5.06	3.82	3.15				
1876																
1877	41	5.18	5.26	5.39	5.50	5.61	5.71	5.79	5.87	5.96	6.05	6.14	6.24	6.33	6.42	6.51
1878		6.59	6.67	6.73	6.79	6.84	6.89	6.93	6.97	7.00	7.03	7.05	7.07	7.09	7.10	7.13
1879		7.16	7.24	7.34	7.49	7.61	7.57	7.28	6.50	5.16	4.07	3.47				
1880																
1881	42	5.25	5.33	5.44	5.55	5.64	5.73	5.80	5.88	5.95	6.03	6.11	6.19	6.27	6.35	6.43
1882		6.50	6.58	6.64	6.69	6.74	6.79	6.83	6.86	6.89	6.92	6.95	6.98	7.01	7.04	7.07
1883		7.11	7.17	7.24	7.34	7.40	7.32	7.02	6.35	5.26	4.33	3.80				
1884																
1885	43	5.31	5.38	5.49	5.58	5.66	5.74	5.81	5.87	5.94	6.01	6.08	6.16	6.23	6.30	6.36
1886		6.43	6.49	6.55	6.60	6.65	6.69	6.73	6.77	6.80	6.83	6.86	6.90	6.94	6.97	7.01
1887		7.05	7.09	7.15	7.21	7.22	7.11	6.82	6.23	5.33	4.54	4.08				
1888																
1889	44	5.36	5.42	5.52	5.60	5.68	5.75	5.81	5.87	5.93	5.99	6.05	6.12	6.18	6.24	6.30
1890		6.36	6.42	6.47	6.53	6.57	6.61	6.65	6.69	6.72	6.76	6.79	6.83	6.87	6.91	6.95
1891		6.99	7.03	7.06	7.10	7.07	6.94	6.66	6.15	5.38	4.70	4.31				
1892																
1893	45	5.41	5.46	5.54	5.62	5.69	5.75	5.80	5.85	5.91	5.96	6.02	6.07	6.13	6.18	6.24
1894		6.29	6.34	6.40	6.45	6.49	6.54	6.58	6.61	6.65	6.68	6.71	6.75	6.80	6.84	6.88
1895		6.92	6.95	6.97	6.98	6.93	6.78	6.52	6.07	5.43	4.86	4.52				
1896																
1897	46	5.46	5.51	5.57	5.63	5.69	5.74	5.78	5.82	5.87	5.92	5.97	6.02	6.07	6.12	6.17
1898		6.22	6.27	6.32	6.37	6.41	6.46	6.50	6.54	6.57	6.61	6.64	6.68	6.72	6.76	6.80
1899		6.84	6.86	6.87	6.86	6.78	6.62	6.38	6.00	5.47	5.01	4.73				
1900																
1901	47	5.48	5.52	5.58	5.63	5.68	5.72	5.77	5.81	5.85	5.90	5.95	6.00	6.04	6.09	6.14
1902		6.19	6.24	6.28	6.33	6.37	6.41	6.45	6.49	6.53	6.56	6.59	6.63	6.67	6.71	6.75
1903		6.79	6.81	6.81	6.79	6.70	6.54	6.32	5.97	5.50	5.09	4.84				

1904 HEAD IN LAYER 4 AT END OF TIME STEP 1 IN STRESS PERIOD 1

1905 ----------

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1907	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1909	31	32	33	34	35	36	37	38	39	40	41				
1910															
1911															
1912	1 6.40	6.56	6.81	7.00	7.16	6.35	8.95	8.56	11.71	13.40	24.45	42.42	48.96	47.05	42.64
1913	45.69	48.73	46.28	43.33	51.89	50.58	38.82	52.14	63.86	66.86	79.50	81.91	84.16	86.50	90.04
1914	76.80	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00				
1915															
1916	2 6.26	5.95	7.18	6.80	11.88	13.18	22.94	51.23	52.57	39.97	32.94	16.48	20.56	52.19	70.84
1917	66.02	55.25	52.04	52.90	55.34	60.88	70.51	86.19	103.88	112.05	111.65	111.89	98.08	74.39	55.10
1918	65.77	42.73	60.34	48.58	32.77	999.00	999.00	999.00	999.00	999.00	999.00				
1919															
1920	3 5.96	6.05	13.65	13.61	15.50	16.34	15.63	15.44	19.77	25.62	32.51	36.93	38.88	45.86	53.87
1921	39.40	33.95	46.53	53.11	56.20	56.83	54.47	60.12	64.78	79.30	80.20	81.51	83.99	87.16	89.51
1922	57.15	66.70	56.09	30.42	22.86	23.52	31.56	51.68	999.00	999.00	999.00				
1923															
1924	4 4.87	21.32	55.49	50.47	40.87	43.73	53.53	50.99	51.71	54.92	56.75	58.33	59.57	60.73	61.75
1925	62.52	63.26	63.99	65.07	65.61	66.33	67.40	68.86	69.67	70.10	69.34	65.97	73.92	77.59	81.10
1926	53.80	44.06	40.87	37.88	21.43	20.37	25.17	49.35	18.29	46.77	999.00				
1927															
1928	5 4.52	21.05	33.81	36.22	37.44	38.24	38.93	39.93	40.98	43.76	45.72	47.37	49.20	50.59	51.38
1929	51.59	51.59	51.73	51.77	52.10	53.05	54.75	57.97	61.87	64.40	65.75	67.61	70.10	74.91	77.32
1930	76.46	46.31	33.57	20.60	20.76	20.60	20.58	40.88	42.80	22.12	60.04				
1931															
1932	6 4.21	18.21	26.51	27.37	26.64	26.29	26.42	26.91	27.54	28.25	29.94	32.50	34.87	36.53	37.69
1933	38.35	38.67	39.15	39.86	41.17	41.89	42.67	44.49	47.72	52.64	56.76	60.75	64.72	68.95	72.59
1934	72.78	72.71	41.46	50.39	20.31	18.40	18.50	24.83	26.86	45.70	60.21				
1935															
1936	7 3.96	13.41	20.05	21.15	20.37	19.73	19.70	19.75	20.11	20.70	21.42	22.16	23.57	25.33	27.10
1937	28.76	30.37	31.38	32.30	32.98	33.93	34.95	35.87	37.38	39.72	42.69	48.33	57.77	62.74	66.55
1938	68.41	68.40	59.83	42.80	16.95	18.15	18.77	17.78	16.84	47.90	60.78				
1939															
1940	8 3.66	8.10	10.87	12.23	13.52	15.00	16.26	17.10	17.84	18.53	19.22	20.01	20.84	21.72	23.43
1941	25.51	27.31	28.74	30.00	30.91	31.58	32.82	34.37	36.30	38.83	41.88	46.26	51.84	56.36	59.77
1942	61.56	61.08	57.50	45.92	17.71	18.55	16.79	9.83	38.12	18.31	51.77				
1943															
1944	9 3.41	4.31	7.77	9.54	11.06	12.43	13.55	14.53	15.42	16.22	16.85	17.61	18.43	19.23	19.95
1945	21.00	22.17	23.19	24.38	25.93	27.30	28.66	28.88	30.02	32.22	35.27	39.42	44.99	49.73	53.51
1946	55.65	54.94	51.68	38.67	17.56	17.28	14.17	7.65	7.56	8.64	39.72				
1947															
1948	10 3.21	4.13	6.33	8.04	9.53	10.74	11.70	12.63	13.50	14.34	15.01	15.66	16.31	16.95	17.63
1949	18.40	19.25	19.88	20.78	21.99	23.32	24.61	25.59	26.61	28.23	31.06	35.38	40.75	45.75	49.71
1950	51.80	51.47	49.12	30.46	17.90	9.06	8.40	7.30	7.10	8.03	34.47				
1951															
1952	11 3.06	3.99	5.52	7.11	8.51	9.60	10.42	11.26	12.09	12.90	13.55	14.10	14.63	15.18	15.87
1953	16.55	17.29	17.76	18.53	19.76	21.20	22.55	23.71	24.73	26.07	28.50	33.16	38.42	43.05	47.17

1954		48.86	49.40	48.96	16.80	17.75	8.90	8.22	7.16	6.88	7.61	54.17				
1955																
1956	12	2.95	3.87	4.57	6.32	7.65	8.64	9.40	10.15	10.94	11.70	12.35	12.77	13.23	13.65	14.17
1957		14.68	15.33	16.09	16.86	18.12	19.68	21.17	22.45	23.59	24.83	26.77	30.95	35.79	40.10	44.23
1958		46.01	47.40	48.18	48.98	45.29	17.77	8.10	7.14	6.80	7.32	55.32				
1959																
1960	13	2.85	3.77	4.45	5.59	6.76	7.63	8.29	9.02	9.88	10.63	11.25	11.72	12.14	12.48	12.71
1961		13.00	13.45	14.13	14.75	16.41	18.15	19.82	21.35	22.59	23.74	26.13	29.79	33.25	36.77	40.40
1962		42.87	45.02	46.41	46.38	42.80	17.63	7.98	7.11	6.73	7.08	58.15				
1963																
1964	14	2.75	3.67	4.33	4.78	6.01	6.63	7.16	7.76	8.83	9.66	10.28	10.71	11.06	11.36	11.55
1965		11.73	12.05	12.46	11.82	15.38	17.49	19.06	20.27	21.27	22.82	25.37	28.37	31.07	33.64	36.25
1966		38.32	41.73	43.49	45.05	42.12	26.49	16.11	10.82	7.39	6.80	57.06				
1967																
1968	15	2.65	3.57	4.22	4.66	5.47	6.23	6.79	7.23	8.07	8.82	9.38	9.78	10.11	10.32	10.37
1969		10.34	10.81	11.84	12.93	15.10	17.03	18.57	19.59	20.39	21.56	23.78	26.72	29.09	31.11	32.35
1970		33.46	37.45	39.81	42.84	41.45	32.52	15.49	15.25	12.27	6.45	56.55				
1971																
1972	16	2.56	3.48	4.12	4.54	4.88	5.86	6.45	6.99	7.42	8.19	8.65	9.04	9.32	9.45	9.33
1973		8.23	8.39	10.71	12.51	14.44	16.18	17.76	19.01	19.94	21.06	22.44	24.92	27.24	29.15	29.54
1974		30.48	33.44	35.85	39.44	39.93	36.55	42.18	14.66	21.14	6.05	48.99				
1975																
1976	17	2.50	3.41	4.03	4.43	4.75	5.62	6.19	6.75	7.16	7.82	8.42	8.84	9.18	9.29	9.05
1977		7.76	8.06	10.16	11.90	13.59	15.05	16.35	17.63	18.79	20.30	21.78	23.41	25.43	27.13	28.11
1978		28.53	29.57	31.99	36.00	37.87	37.34	41.49	41.45	21.98	5.64	25.15				
1979																
1980	18	2.45	3.35	3.94	4.31	4.63	5.35	5.96	6.63	7.20	7.66	8.27	8.77	9.20	9.36	9.27
1981		9.06	9.37	10.37	11.50	12.70	13.89	14.88	15.75	16.67	18.22	20.38	22.20	23.77	24.99	26.71
1982		26.90	26.71	28.09	32.80	35.56	36.78	40.05	40.33	21.31	5.24	2.80				
1983																
1984	19	2.45	3.30	4.01	4.38	4.71	4.78	5.78	6.61	7.32	7.76	8.19	8.72	9.17	9.46	9.48
1985		9.55	9.82	10.50	11.37	12.25	13.05	13.75	14.24	14.31	15.91	17.65	19.89	21.87	23.16	25.05
1986		24.90	25.09	25.25	29.84	33.05	35.34	38.28	38.54	31.77	4.87	2.02				
1987																
1988	20	2.40	3.41	4.09	4.53	4.90	5.26	5.96	6.67	7.19	7.73	8.17	8.62	9.03	9.36	9.52
1989		9.71	10.02	10.55	11.22	11.90	12.52	13.08	13.54	13.92	14.70	15.77	17.27	19.61	21.67	22.99
1990		21.23	22.91	23.44	27.02	30.44	33.40	36.25	36.46	30.68	4.58	1.62				
1991																
1992	21	2.40	3.50	4.17	4.65	5.06	5.52	6.07	6.63	7.13	7.62	8.07	8.53	8.95	9.30	9.53
1993		9.78	10.09	10.52	11.04	11.56	12.04	12.48	12.88	13.29	13.75	14.35	15.43	17.24	19.28	19.81
1994		17.20	19.55	19.45	23.91	27.81	31.18	33.89	34.09	28.59	4.33	1.70				
1995																
1996	22	2.62	3.60	4.26	4.71	5.16	5.63	6.12	6.62	7.08	7.54	7.99	8.45	8.87	9.25	9.56
1997		9.80	10.10	10.45	10.84	11.24	11.61	11.95	12.26	12.57	12.92	13.23	13.74	14.95	16.24	16.57
1998		15.06	15.92	14.97	20.63	25.66	28.76	31.17	31.42	25.51	4.11	1.70				
1999																
2000	23	2.81	3.72	4.34	4.78	5.22	5.71	6.17	6.61	7.05	7.48	7.91	8.35	8.78	9.15	9.49
2001		9.79	10.09	10.33	10.62	10.92	11.20	11.45	11.67	11.89	12.10	12.30	12.48	12.85	13.74	13.80
2002		12.98	12.70	12.70	17.51	23.21	26.29	28.25	28.31	22.08	6.90	1.70				
2003																
2004	24	3.03	3.86	4.42	4.85	5.28	5.76	6.20	6.61	7.02	7.42	7.82	8.24	8.63	8.99	9.32
2005		9.64	9.93	10.17	10.39	10.56	10.77	10.95	11.10	11.23	11.35	11.45	11.53	11.41	11.70	11.39
2006		10.96	10.33	10.56	14.62	19.95	23.57	25.22	24.87	18.87	7.98	1.65				
2007																
2008	25	3.23	3.98	4.50	4.90	5.27	5.78	6.21	6.61	6.99	7.36	7.74	8.12	8.47	8.79	9.09
2009		9.39	9.67	9.89	10.06	10.18	10.33	10.47	10.59	10.67	10.75	10.80	10.80	10.70	10.40	9.75
2010		9.28	9.06	7.81	12.80	17.79	21.34	22.76	22.12	16.38	8.31	1.65				
2011																
2012	26	3.39	4.08	4.58	4.93	5.36	5.80	6.21	6.60	6.96	7.30	7.64	7.98	8.30	8.59	8.86
2013		9.12	9.41	9.62	9.72	9.83	9.94	10.06	10.16	10.23	10.28	10.30	10.26	10.09	9.67	8.89
2014		7.36	8.12	7.53	12.11	16.41	20.06	21.20	20.39	14.68	7.99	1.65				
2015																
2016	27	3.60	4.20	4.69	5.05	5.44	5.84	6.20	6.57	6.91	7.23	7.54	7.84	8.13	8.40	8.64
2017		8.86	9.08	9.26	9.40	9.52	9.62	9.72	9.80	9.85	9.88	9.87	9.81	9.61	9.20	8.49
2018		7.08	7.20	7.83	11.27	14.76	18.24	19.80	18.84	12.94	7.37	1.70				
2019																
2020	28	3.76	4.31	4.79	5.15	5.52	5.88	6.20	6.53	6.85	7.15	7.44	7.71	7.97	8.21	8.44
2021		8.64	8.82	8.98	9.12	9.24	9.35	9.44	9.50	9.54	9.54	9.51	9.44	9.24	8.89	8.30
2022		7.47	7.52	8.16	10.50	13.17	16.05	17.87	17.40	11.07	6.52	1.75				
2023																
2024	29	3.91	4.42	4.89	5.25	5.58	5.91	6.19	6.50	6.79	7.07	7.33	7.58	7.82	8.04	8.25
2025		8.44	8.60	8.75	8.88	9.00	9.11	9.20	9.25	9.26	9.26	9.21	9.13	8.95	8.67	8.21
2026		7.70	7.88	8.42	10.05	12.00	14.02	15.61	15.45	9.05	5.65	1.75				
2027																
2028	30	4.05	4.53	4.98	5.32	5.64	5.93	6.19	6.46	6.73	6.98	7.22	7.45	7.67	7.88	8.08
2029		8.25	8.40	8.54	8.66	8.77	8.88	8.96	9.00	9.01	8.99	8.95	8.87	8.72	8.49	8.14
2030		7.84	8.03	8.46	9.67	11.25	12.56	13.49	13.23	6.90	4.88	1.75				
2031																
2032	31	4.18	4.63	5.06	5.39	5.68	5.95	6.18	6.42	6.66	6.89	7.11	7.33	7.53	7.73	7.91
2033		8.08	8.22	8.34	8.44	8.54	8.63	8.71	8.76	8.76	8.75	8.71	8.64	8.52	8.34	8.09
2034		7.90	8.05	8.45	9.35	10.58	11.62	11.98	11.30	5.22	4.12	1.75				
2035																
2036	32	4.30	4.72	5.14	5.44	5.71	5.96	6.17	6.38	6.60	6.81	7.01	7.21	7.39	7.57	7.75
2037		7.91	8.04	8.15	8.24	8.31	8.38	8.45	8.49	8.51	8.51	8.49	8.44	8.34	8.21	8.03
2038		7.91	8.04	8.39	9.10	10.01	10.79	10.99	9.70	3.76	3.46	1.71				
2039																
2040	33	4.42	4.81	5.20	5.49	5.74	5.97	6.16	6.35	6.54	6.73	6.92	7.09	7.26	7.43	7.59
2041		7.73	7.86	7.97	8.04	8.11	8.16	8.21	8.25	8.26	8.29	8.28	8.25	8.19	8.09	7.96
2042		7.89	8.01	8.31	8.87	9.50	10.06	10.11	8.67	4.10	2.74	1.71				
2043																
2044	34	4.48	4.88	5.26	5.53	5.76	5.97	6.14	6.31	6.48	6.66	6.83	6.99	7.14	7.29	7.44
2045		7.57	7.69	7.79	7.87	7.92	7.97	8.01	8.05	8.07	8.09	8.09	8.08	8.03	7.97	7.88
2046		7.84	7.95	8.21	8.65	9.10	9.43	9.36	8.05	4.44	2.67	1.71				
2047																
2048	35	4.59	4.95	5.30	5.56	5.78	5.97	6.12	6.27	6.42	6.59	6.74	6.89	7.04	7.17	7.30

	7.42	7.53	7.63	7.70	7.76	7.80	7.83	7.87	7.89	7.90	7.91	7.91	7.89	7.85	7.79
	7.77	7.88	8.10	8.45	8.80	8.94	8.72	7.59	4.71	2.91	1.80				
36	4.69	5.01	5.34	5.58	5.79	5.96	6.10	6.24	6.38	6.52	6.66	6.80	6.93	7.06	7.17
	7.28	7.39	7.47	7.54	7.60	7.64	7.67	7.70	7.71	7.71	7.74	7.76	7.74	7.72	7.69
	7.68	7.78	7.98	8.26	8.53	8.57	8.25	7.25	4.86	3.11	2.11				
37	4.78	5.07	5.38	5.60	5.79	5.95	6.08	6.21	6.34	6.46	6.59	6.72	6.84	6.95	7.06
	7.16	7.25	7.33	7.39	7.44	7.48	7.51	7.54	7.55	7.56	7.59	7.61	7.61	7.60	7.58
	7.60	7.69	7.84	8.08	8.28	8.26	7.92	6.98	4.92	3.31	2.33				
38	4.83	5.12	5.41	5.61	5.79	5.93	6.05	6.17	6.29	6.41	6.52	6.64	6.75	6.86	6.95
	7.04	7.12	7.19	7.25	7.30	7.34	7.37	7.39	7.42	7.44	7.47	7.49	7.49	7.48	7.46
	7.51	7.59	7.72	7.91	8.05	7.98	7.63	6.75	4.97	3.50	2.54				
39	4.91	5.17	5.43	5.62	5.78	5.92	6.03	6.14	6.25	6.36	6.46	6.57	6.67	6.77	6.86
	6.93	7.01	7.07	7.12	7.17	7.20	7.24	7.26	7.30	7.32	7.35	7.37	7.36	7.37	7.36
	7.42	7.50	7.60	7.75	7.84	7.74	7.38	6.56	5.00	3.66	2.78				
40	4.95	5.21	5.45	5.63	5.77	5.90	6.00	6.10	6.20	6.30	6.40	6.50	6.59	6.68	6.76
	6.84	6.90	6.96	7.01	7.05	7.09	7.12	7.15	7.18	7.21	7.24	7.26	7.26	7.28	7.29
	7.33	7.40	7.49	7.59	7.64	7.52	7.16	6.40	5.03	3.81	2.98				
41	5.04	5.25	5.47	5.63	5.76	5.88	5.97	6.06	6.15	6.24	6.33	6.41	6.50	6.58	6.65
	6.72	6.78	6.83	6.88	6.92	6.95	6.98	7.01	7.05	7.08	7.10	7.12	7.14	7.16	7.19
	7.23	7.28	7.35	7.41	7.42	7.28	6.93	6.23	5.05	3.98	3.24				
42	5.12	5.30	5.49	5.63	5.75	5.85	5.93	6.02	6.10	6.17	6.25	6.32	6.39	6.46	6.53
	6.59	6.65	6.69	6.74	6.77	6.81	6.84	6.86	6.89	6.92	6.95	6.97	7.00	7.03	7.06
	7.10	7.14	7.18	7.22	7.18	7.02	6.69	6.06	5.07	4.15	3.50				
43	5.16	5.33	5.50	5.62	5.73	5.82	5.89	5.97	6.04	6.11	6.17	6.23	6.30	6.36	6.42
	6.47	6.52	6.56	6.60	6.64	6.67	6.70	6.73	6.76	6.78	6.81	6.84	6.87	6.90	6.94
	6.97	7.00	7.03	7.04	6.97	6.80	6.48	5.93	5.09	4.29	3.70				
44	5.18	5.35	5.51	5.62	5.71	5.79	5.85	5.92	5.98	6.04	6.10	6.15	6.21	6.26	6.32
	6.36	6.41	6.45	6.49	6.52	6.55	6.58	6.61	6.63	6.66	6.68	6.72	6.75	6.78	6.82
	6.85	6.88	6.88	6.87	6.79	6.61	6.31	5.82	5.09	4.40	3.90				
45	5.25	5.38	5.51	5.60	5.68	5.75	5.80	5.86	5.91	5.96	6.01	6.06	6.11	6.16	6.21
	6.25	6.29	6.32	6.36	6.39	6.42	6.45	6.47	6.50	6.52	6.55	6.58	6.62	6.65	6.68
	6.71	6.72	6.72	6.69	6.60	6.42	6.13	5.70	5.09	4.50	4.06				
46	5.28	5.38	5.48	5.56	5.62	5.67	5.72	5.76	5.81	5.85	5.89	5.93	5.97	6.01	6.05
	6.09	6.12	6.15	6.19	6.22	6.25	6.27	6.30	6.33	6.35	6.38	6.41	6.44	6.46	6.49
	6.51	6.52	6.50	6.47	6.36	6.18	5.93	5.57	5.08	4.60	4.27				
47	5.34	5.36	5.39	5.47	5.49	5.51	5.58	5.60	5.63	5.65	5.72	5.75	5.78	5.85	5.87
	5.90	5.92	5.95	6.01	6.04	6.06	6.08	6.10	6.16	6.18	6.20	6.22	6.24	6.26	6.28
	6.29	6.31	6.26	6.25	6.15	5.97	5.76	5.44	5.05	4.65	4.42				

HEAD IN LAYER 5 AT END OF TIME STEP 1 IN STRESS PERIOD 1

	1	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	32	33	34	35	36	37	38	39	40	41				
1	9.80	10.11	10.61	11.01	11.32	11.70	11.91	12.12	12.42	12.79	13.91	15.83	17.92	20.10	22.27
	24.37	26.46	28.56	30.67	32.79	35.15	39.14	44.27	48.73	53.72	59.01	65.83	71.33	75.00	82.07
	76.61	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00				
2	9.52	10.39	11.35	12.10	12.76	13.36	13.88	14.47	15.15	15.95	16.89	17.96	19.13	20.37	21.67
	23.04	24.51	26.09	27.80	29.69	31.76	34.01	36.37	38.76	41.09	43.30	45.78	48.16	49.78	50.71
	48.55	42.95	38.68	34.66	32.04	999.00	999.00	999.00	999.00	999.00	999.00				
3	8.92	10.10	11.30	12.22	13.00	13.69	14.26	14.87	15.53	16.25	17.03	17.87	18.76	19.71	20.73
	21.80	22.90	24.05	25.21	26.41	27.65	28.94	30.24	31.55	32.84	34.04	35.40	36.68	37.54	38.01
	37.29	35.40	33.17	30.34	27.21	23.54	21.61	20.36	999.00	999.00	999.00				
4	8.23	9.65	10.97	11.94	12.75	13.46	14.05	14.67	15.32	15.99	16.70	17.44	18.20	18.99	19.82
	20.69	21.57	22.45	23.33	24.22	25.09	25.95	26.79	27.61	28.38	29.11	29.94	30.71	31.21	31.49
	31.11	30.12	28.75	26.76	24.37	22.25	20.83	19.70	19.07	19.54	999.00				
5	7.54	9.08	10.46	11.43	12.25	12.96	13.54	14.15	14.79	15.45	16.13	16.83	17.53	18.23	18.94
	19.66	20.37	21.07	21.75	22.41	23.04	23.65	24.22	24.77	25.28	25.74	26.26	26.73	27.02	27.15
	26.83	26.11	25.13	23.71	22.02	20.69	19.65	18.75	18.59	19.75	22.08				
6	6.93	8.55	9.95	10.92	11.74	12.44	13.01	13.59	14.19	14.81	15.47	16.14	16.81	17.49	18.16
	18.83	19.47	20.09	20.67	21.22	21.74	22.21	22.66	23.08	23.46	23.81	24.18	24.50	24.66	24.65
	24.28	23.68	22.93	21.77	20.12	19.31	18.49	17.65	17.71	19.40	22.41				
7	6.43	8.09	9.51	10.49	11.29	11.98	12.54	13.11	13.69	14.30	14.91	15.54	16.17	16.81	17.44
	18.07	18.68	19.26	19.81	20.33	20.80	21.22	21.60	21.95	22.27	22.56	22.86	23.10	23.20	23.13
	22.80	22.31	21.66	20.60	18.41	18.30	17.54	16.55	16.68	18.80	23.55				
8	5.83	7.57	9.03	10.03	10.83	11.49	12.03	12.58	13.15	13.72	14.31	14.90	15.49	16.08	16.67
	17.26	17.83	18.38	18.89	19.37	19.81	20.20	20.55	20.86	21.13	21.37	21.62	21.83	21.92	21.88
	21.63	21.24	20.72	19.84	18.41	17.60	16.59	15.17	15.24	17.61	24.55				
9	5.32	7.13	8.58	9.57	10.38	11.06	11.59	12.11	12.64	13.19	13.75	14.32	14.88	15.45	16.00
	16.55	17.08	17.60	18.08	18.54	18.95	19.32	19.66	19.96	20.22	20.45	20.70	20.91	21.03	21.06
	20.98	20.56	20.11	19.33	18.11	17.06	15.83	13.80	13.61	15.78	23.43				

10	4.92	6.76	8.20	9.17	9.96	10.62	11.17	11.69	12.19	12.71	13.24	13.78	14.33	14.87	15.40
	15.92	16.42	16.91	17.38	17.82	18.22	18.59	18.91	19.21	19.47	19.71	19.97	20.20	20.35	20.42
	20.32	20.05	19.64	18.93	17.80	16.63	15.30	13.10	12.70	14.56	21.94				
11	4.61	6.47	7.89	8.84	9.61	10.26	10.78	11.31	11.81	12.31	12.82	13.34	13.86	14.38	14.90
	15.39	15.87	16.34	16.78	17.20	17.60	17.98	18.32	18.61	18.87	19.11	19.39	19.64	19.82	19.94
	19.89	19.66	19.28	18.59	17.50	16.30	14.95	12.82	12.27	13.72	20.35				
12	4.41	6.25	7.65	8.58	9.34	9.97	10.48	10.99	11.49	11.98	12.47	12.98	13.48	13.99	14.49
	14.97	15.43	15.88	16.31	16.71	17.10	17.47	17.82	18.14	18.40	18.65	18.93	19.21	19.42	19.58
	19.56	19.35	18.98	18.32	17.25	16.04	14.70	12.78	12.11	13.14	18.64				
13	4.21	6.04	7.40	8.33	9.07	9.68	10.18	10.68	11.16	11.64	12.13	12.61	13.11	13.60	14.08
	14.53	14.98	15.41	15.83	16.23	16.60	16.96	17.31	17.65	17.94	18.19	18.49	18.79	19.03	19.22
	19.24	19.04	18.68	18.03	16.98	15.77	14.46	12.72	11.97	12.66	16.31				
14	4.01	5.83	7.16	8.07	8.79	9.40	9.88	10.36	10.84	11.31	11.78	12.25	12.73	13.22	13.67
	14.10	14.53	14.95	15.35	15.74	16.11	16.45	16.80	17.13	17.46	17.74	18.05	18.38	18.64	18.87
	18.91	18.73	18.38	17.73	16.69	15.49	14.23	12.63	11.78	12.09	14.12				
15	3.81	5.64	6.95	7.82	8.53	9.12	9.59	10.06	10.53	10.98	11.43	11.88	12.36	12.83	13.27
	13.67	14.08	14.48	14.88	15.25	15.61	15.95	16.28	16.61	16.95	17.27	17.61	17.97	18.26	18.52
	18.58	18.42	18.06	17.42	16.38	15.20	13.98	12.50	11.55	11.40	12.11				
16	3.61	5.47	6.75	7.58	8.26	8.85	9.31	9.77	10.23	10.67	11.10	11.53	11.98	12.45	12.88
	13.26	13.64	14.02	14.41	14.77	15.10	15.43	15.75	16.08	16.40	16.74	17.12	17.52	17.88	18.17
	18.26	18.09	17.73	17.08	16.05	14.90	13.72	12.32	11.27	10.61	9.99				
17	3.51	5.32	6.56	7.35	8.01	8.58	9.04	9.49	9.94	10.37	10.79	11.21	11.64	12.07	12.49
	12.86	13.21	13.58	13.94	14.29	14.61	14.92	15.23	15.54	15.85	16.17	16.59	17.02	17.40	17.76
	17.90	17.74	17.37	16.72	15.71	14.58	13.44	12.10	10.96	9.79	7.29				
18	3.41	5.20	6.37	7.13	7.76	8.32	8.78	9.22	9.66	10.08	10.50	10.91	11.32	11.73	12.11
	12.46	12.80	13.14	13.48	13.82	14.13	14.43	14.73	15.02	15.32	15.62	16.03	16.48	16.89	17.29
	17.46	17.34	16.98	16.35	15.35	14.25	13.14	11.85	10.61	8.98	4.10				
19	3.40	5.10	6.19	6.90	7.51	8.06	8.51	8.96	9.40	9.82	10.23	10.62	11.01	11.39	11.75
	12.08	12.40	12.72	13.05	13.37	13.67	13.96	14.24	14.52	14.80	15.08	15.46	15.92	16.35	16.81
	17.00	16.89	16.55	15.93	14.97	13.90	12.83	11.58	10.27	8.24	2.55				
20	3.31	4.99	6.00	6.66	7.26	7.80	8.26	8.72	9.16	9.58	9.98	10.35	10.72	11.08	11.41
	11.73	12.04	12.34	12.65	12.95	13.24	13.51	13.77	14.02	14.27	14.53	14.88	15.35	15.80	16.29
	16.48	16.38	16.04	15.45	14.60	13.55	12.51	11.29	9.93	7.67	1.74				
21	3.30	4.88	5.79	6.38	7.00	7.53	7.99	8.49	8.94	9.36	9.75	10.11	10.46	10.79	11.10
	11.41	11.70	11.99	12.28	12.57	12.84	13.09	13.31	13.54	13.75	13.97	14.28	14.72	15.18	15.72
	15.88	15.78	15.47	14.94	14.21	13.17	12.18	10.99	9.57	7.17	1.90				
22	3.30	4.76	5.64	6.16	6.73	7.22	7.79	8.30	8.75	9.16	9.54	9.89	10.21	10.52	10.82
	11.10	11.38	11.65	11.93	12.20	12.45	12.67	12.86	13.05	13.23	13.42	13.68	14.04	14.48	15.04
	15.18	15.08	14.80	14.42	13.79	12.80	11.85	10.67	9.21	6.71	1.91				
23	3.30	4.70	5.50	5.95	6.46	7.07	7.63	8.15	8.59	8.99	9.35	9.68	9.98	10.27	10.54
	10.81	11.06	11.32	11.56	11.82	12.05	12.25	12.41	12.56	12.72	12.87	13.08	13.35	13.70	14.15
	14.34	14.29	14.09	13.87	13.36	12.44	11.51	10.34	8.83	6.40	1.90				
24	3.40	4.69	5.35	5.81	6.27	6.92	7.49	8.01	8.45	8.82	9.16	9.46	9.75	10.02	10.27
	10.52	10.75	10.97	11.18	11.41	11.62	11.80	11.94	12.07	12.20	12.33	12.50	12.67	12.87	13.10
	13.43	13.49	13.36	13.26	12.97	12.06	11.16	10.00	8.46	6.08	1.81				
25	3.50	4.69	5.25	5.63	5.96	6.76	7.35	7.88	8.30	8.66	8.97	9.25	9.51	9.76	10.00
	10.22	10.44	10.63	10.80	10.97	11.15	11.31	11.45	11.59	11.71	11.82	11.95	12.05	12.10	12.18
	12.55	12.71	12.63	12.70	12.64	11.66	10.80	9.67	8.08	5.76	1.80				
26	3.60	4.69	5.21	5.47	6.04	6.68	7.24	7.75	8.16	8.49	8.77	9.03	9.27	9.50	9.73
	9.93	10.13	10.30	10.45	10.58	10.71	10.86	11.00	11.14	11.26	11.36	11.45	11.50	11.49	11.52
	11.73	12.00	12.07	12.15	12.07	11.25	10.45	9.34	7.73	5.44	1.81				
27	3.80	4.72	5.26	5.62	6.12	6.66	7.14	7.60	7.99	8.30	8.57	8.82	9.05	9.26	9.46
	9.66	9.84	10.01	10.16	10.28	10.40	10.53	10.65	10.77	10.88	10.95	11.01	11.03	11.01	11.02
	11.15	11.41	11.54	11.64	11.52	10.85	10.09	9.01	7.39	5.14	1.91				
28	3.90	4.76	5.32	5.72	6.18	6.64	7.06	7.46	7.81	8.11	8.37	8.60	8.82	9.02	9.22
	9.40	9.58	9.75	9.90	10.05	10.18	10.29	10.39	10.48	10.55	10.59	10.63	10.63	10.60	10.59
	10.69	10.92	11.07	11.17	11.02	10.46	9.75	8.69	7.06	4.88	2.00				
29	4.00	4.80	5.38	5.80	6.22	6.63	6.98	7.33	7.64	7.92	8.16	8.39	8.60	8.80	8.98
	9.16	9.34	9.50	9.66	9.82	9.96	10.07	10.15	10.21	10.25	10.27	10.28	10.27	10.24	10.23
	10.30	10.49	10.64	10.73	10.57	10.08	9.41	8.39	6.76	4.66	2.01				
30	4.10	4.85	5.43	5.85	6.24	6.61	6.91	7.21	7.49	7.74	7.97	8.19	8.39	8.58	8.76
	8.93	9.10	9.25	9.41	9.56	9.71	9.84	9.91	9.94	9.95	9.96	9.96	9.94	9.92	9.90
	9.96	10.10	10.27	10.34	10.17	9.73	9.10	8.11	6.49	4.47	2.01				
31	4.20	4.90	5.49	5.89	6.25	6.57	6.84	7.10	7.35	7.58	7.80	8.00	8.19	8.37	8.54
	8.71	8.86	9.00	9.13	9.27	9.40	9.52	9.59	9.62	9.64	9.64	9.64	9.63	9.62	9.61
	9.65	9.75	9.90	9.97	9.80	9.40	8.81	7.85	6.24	4.29	2.00				
32	4.30	4.96	5.53	5.91	6.24	6.53	6.77	7.00	7.23	7.43	7.63	7.82	7.99	8.16	8.32
	8.48	8.62	8.74	8.85	8.95	9.05	9.14	9.22	9.27	9.30	9.32	9.33	9.34	9.33	9.33
	9.35	9.44	9.55	9.64	9.46	9.09	8.52	7.59	6.01	4.13	1.92				
33	4.40	5.01	5.56	5.92	6.22	6.49	6.70	6.91	7.11	7.30	7.48	7.65	7.81	7.96	8.11
	8.25	8.38	8.49	8.59	8.66	8.72	8.79	8.86	8.92	8.97	9.00	9.03	9.05	9.06	9.06

	9.08	9.14	9.23	9.32	9.15	8.80	8.26	7.35	5.81	3.98	1.91				
34	4.40	5.06	5.58	5.92	6.20	6.44	6.63	6.82	7.00	7.17	7.33	7.49	7.63	7.77	7.90
	8.03	8.14	8.24	8.32	8.39	8.44	8.49	8.54	8.60	8.65	8.70	8.75	8.77	8.79	8.79
	5.79	8.85	8.94	9.00	8.86	8.54	8.01	7.13	5.62	3.84	1.93				
35	4.50	5.09	5.58	5.91	6.17	6.39	6.56	6.73	6.89	7.05	7.20	7.34	7.47	7.59	7.71
	7.82	7.93	8.02	8.09	8.14	8.19	8.23	8.27	8.30	8.34	8.40	8.46	8.49	8.51	8.52
	8.50	8.57	8.66	8.72	8.60	8.29	7.78	6.93	5.45	3.72	2.11				
36	4.60	5.13	5.58	5.89	6.14	6.34	6.50	6.65	6.80	6.94	7.07	7.20	7.32	7.43	7.54
	7.63	7.72	7.80	7.87	7.92	7.96	7.99	8.01	8.02	8.01	8.11	8.19	8.21	8.24	8.24
	8.22	8.29	8.39	8.46	8.35	8.04	7.56	6.75	5.31	3.62	2.30				
37	4.70	5.16	5.58	5.87	6.10	6.28	6.43	6.57	6.70	6.83	6.95	7.07	7.18	7.28	7.37
	7.46	7.54	7.60	7.66	7.71	7.74	7.76	7.77	7.77	7.77	7.87	7.94	7.97	7.98	7.98
	8.01	8.06	8.13	8.21	8.12	7.81	7.35	6.59	5.19	3.60	2.41				
38	4.70	5.18	5.58	5.85	6.05	6.23	6.36	6.49	6.62	6.73	6.84	6.94	7.04	7.13	7.22
	7.30	7.37	7.43	7.47	7.51	7.54	7.56	7.56	7.59	7.60	7.67	7.73	7.74	7.75	7.72
	7.80	7.85	7.92	7.98	7.89	7.61	7.15	6.46	5.11	3.67	2.52				
39	4.80	5.20	5.57	5.82	6.01	6.17	6.29	6.41	6.53	6.63	6.73	6.83	6.92	7.00	7.08
	7.15	7.21	7.26	7.30	7.33	7.36	7.38	7.37	7.42	7.46	7.50	7.53	7.51	7.55	7.53
	7.61	7.68	7.72	7.76	7.66	7.42	6.97	6.29	5.04	3.74	2.70				
40	4.80	5.22	5.57	5.79	5.97	6.12	6.23	6.34	6.44	6.54	6.64	6.73	6.81	6.88	6.95
	7.01	7.06	7.11	7.15	7.18	7.20	7.22	7.23	7.27	7.31	7.34	7.37	7.37	7.40	7.41
	7.47	7.52	7.55	7.57	7.46	7.22	6.79	6.14	5.00	3.81	2.81				
41	4.90	5.25	5.55	5.76	5.92	6.05	6.15	6.25	6.35	6.43	6.51	6.59	6.67	6.74	6.80
	6.85	6.90	6.94	6.97	7.00	7.02	7.03	7.06	7.09	7.12	7.15	7.17	7.20	7.22	7.25
	7.29	7.33	7.35	7.34	7.22	6.99	6.58	5.96	4.95	3.89	3.00				
42	5.00	5.27	5.53	5.71	5.85	5.98	6.07	6.16	6.24	6.31	6.38	6.45	6.51	6.57	6.63
	6.68	6.72	6.75	6.78	6.80	6.83	6.85	6.87	6.90	6.92	6.94	6.97	6.99	7.02	7.05
	7.09	7.12	7.12	7.09	6.96	6.73	6.35	5.78	4.89	3.97	3.20				
43	5.00	5.28	5.51	5.67	5.80	5.90	5.98	6.06	6.13	6.20	6.26	6.31	6.37	6.42	6.47
	6.51	6.55	6.58	6.61	6.63	6.65	6.67	6.69	6.71	6.73	6.76	6.78	6.80	6.83	6.87
	6.90	6.92	6.91	6.86	6.73	6.50	6.14	5.62	4.84	4.04	3.31				
44	5.00	5.29	5.50	5.63	5.74	5.83	5.90	5.97	6.03	6.09	6.14	6.19	6.24	6.28	6.33
	6.37	6.40	6.43	6.45	6.47	6.49	6.50	6.52	6.54	6.56	6.58	6.61	6.63	6.66	6.69
	6.71	6.72	6.71	6.65	6.51	6.28	5.96	5.48	4.80	4.10	3.50				
45	5.10	5.29	5.48	5.59	5.68	5.75	5.81	5.86	5.92	5.96	6.01	6.05	6.09	6.13	6.18
	6.21	6.23	6.25	6.27	6.28	6.30	6.31	6.33	6.35	6.37	6.38	6.41	6.43	6.46	6.48
	6.50	6.50	6.47	6.41	6.27	6.05	5.75	5.33	4.75	4.15	3.61				
46	5.10	5.26	5.39	5.49	5.56	5.61	5.66	5.70	5.74	5.78	5.82	5.85	5.88	5.91	5.93
	5.95	5.97	5.99	6.00	6.02	6.03	6.05	6.07	6.09	6.10	6.12	6.14	6.15	6.17	6.18
	6.19	6.17	6.13	6.08	5.94	5.74	5.48	5.13	4.68	4.20	3.81				
47	5.20	5.20	5.20	5.30	5.30	5.30	5.40	5.40	5.40	5.41	5.50	5.50	5.51	5.60	5.60
	5.60	5.60	5.61	5.70	5.70	5.70	5.70	5.71	5.80	5.80	5.80	5.80	5.80	5.80	5.80
	5.80	5.80	5.70	5.70	5.60	5.41	5.20	4.91	4.60	4.20	4.00				

HEAD WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 1, STRESS PERIOD 1

DRAWDOWN IN LAYER 1 AT END OF TIME STEP 1 IN STRESS PERIOD 1

	1	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	32	33	34	35	36	37	38	39	40	41				
1	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00				
2	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00				
3	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00				
4	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00				
5	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00				
6	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00				
7	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00

2330		999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
2331																	
2332	8	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	
2333		999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	
2334		999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
2335																	
2336	9	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	
2337		999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	
2338		999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
2339																	
2340	10	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	
2341		999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	
2342		999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
2343																	
2344	11	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	
2345		999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	
2346		999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
2347																	
2348	12	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	
2349		999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	
2350		999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
2351																	
2352	13	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	
2353		999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	0.00	999.00	999.00	999.00	999.00	
2354		999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
2355																	
2356	14	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	
2357		999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	0.00	0.00	0.00	999.00	999.00	999.00	999.00	
2358		999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
2359																	
2360	15	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	
2361		999.00	-4.74	-3.57	-2.29	-2.25	0.00	999.00	999.00	999.00	0.00	0.00	999.00	999.00	999.00	999.00	
2362		999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
2363																	
2364	16	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	
2365		-4.69	-3.10	-2.81	-2.26	-1.90	0.00	0.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	
2366		999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
2367																	
2368	17	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	-1.93	-2.44	-3.43	
2369		-2.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.00	999.00	999.00	0.00	999.00	
2370		999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
2371																	
2372	18	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	0.19	-1.37	-2.19	-2.02	-3.06	-2.11	
2373		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.00	999.00	0.00	999.00	
2374		999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
2375																	
2376	19	999.00	999.00	0.00	0.00	0.00	999.00	-0.16	-0.21	-0.33	-0.52	-0.72	-1.44	-1.74	-1.94	-1.91	
2377		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.00	999.00	
2378		999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
2379																	
2380	20	999.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-0.32	-0.48	-0.64	-1.63	-2.02	-2.24	-1.94	
2381		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.00	999.00	
2382		999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
2383																	
2384	21	999.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.36	-0.43	-0.64	-1.64	-2.06	-2.24	-1.94	
2385		-1.77	-1.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2386		999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
2387																	
2388	22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	-0.62	-1.47	-1.92	-2.15	-2.13	
2389		-1.83	-1.67	-1.47	-1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2390		999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
2391																	
2392	23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.35	-0.99	-1.59	-1.90	-2.00	
2393		-2.00	-1.87	-1.51	-1.27	-1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2394		999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
2395																	
2396	24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.50	-1.01	-1.44	-1.60	
2397		-1.68	-1.65	-1.54	-1.36	-0.83	-0.49	-0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2398		999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
2399																	
2400	25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.46	-0.49	-0.65	-0.92	
2401		-0.98	-1.08	-1.05	-0.88	-0.60	-0.56	-0.56	-0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2402		999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
2403																	
2404	26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.58	-0.71	-0.85	
2405		-1.04	-1.42	-1.37	-0.97	-0.72	-0.62	-0.59	-0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2406		999.00	999.00	999.00	999.00	0.00	999.00	999.00	999.00	999.00	999.00	999.00					
2407																	
2408	27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.76	-0.85	
2409		-0.98	-1.11	-1.10	-0.93	-0.76	-0.67	-0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2410		999.00	999.00	999.00	0.00	0.00	0.00	999.00	999.00	999.00	999.00	999.00					
2411																	
2412	28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2413		-0.99	-1.03	-1.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2414		0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.00	999.00	999.00	999.00					
2415																	
2416	29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2417		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2418		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.00	999.00	999.00					
2419																	
2420	30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2421		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2422		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.00	999.00	999.00					
2423																	
2424	31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

```
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00  999.00  999.00  999.00

  32            0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00  999.00  999.00  999.00

  33            0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00  999.00  999.00

  34            0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00  999.00  999.00

  35            0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00  999.00

  36            0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00

  37            0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00

  38            0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00

  39            0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00

  40            0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00

  41            0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00

  42            0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00

  43            0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00

  44            0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00

  45            0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00

  46            0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00

  47            0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00

                    DRAWDOWN IN LAYER  2 AT END OF TIME STEP  1 IN STRESS PERIOD  1
                ---------------------------------------------------------------

                  1       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      32      33      34      35      36      37      38      39      40      41
 ...............................................................................................................................

  1  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
     999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
     999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00

  2  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
     999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
     999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00

  3  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
     999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
     999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00

  4  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
     999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
     999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00

  5  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
     999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
     999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
```

6	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
7	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00				
8	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00				
9	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00				
10	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00				
11	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00				
12	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00				
13	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	-0.59	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00				
14	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	-0.69	-0.60	-1.05	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
15	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	0.78	0.61	-0.72	-2.12	0.02	999.00	999.00	999.00	0.90	-1.13	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
16	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	4.83	6.73	-1.44	-0.32	-1.09	0.61	-0.75	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
17	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	1.46	1.84	1.08
	6.40	4.35	-0.07	-1.89	-3.48	1.44	0.35	-1.86	-2.24	-3.16	999.00	999.00	999.00	-4.28	999.00	
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
18	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	-0.07	-0.63	-0.85	-1.46	-0.29	-0.05	
	2.74	0.68	-1.55	-1.78	-1.80	-2.31	-2.83	-3.43	-2.64	-1.79	-2.48	999.00	999.00	-3.31	999.00	
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
19	999.00	999.00	-0.16	-0.18	-0.20	999.00	3.39	2.40	0.60	-0.22	-0.96	-1.05	-1.21	-1.11	0.06	
	5.75	5.63	5.11	4.41	3.69	-5.18	-0.72	-3.80	-3.27	-4.00	-1.98	-2.42	-3.92	999.00	999.00	
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
20	999.00	-0.16	-0.34	-0.30	-0.52	-0.62	-1.23	2.52	1.70	0.16	-0.82	-0.99	-1.13	-1.00	-0.05	
	5.41	1.35	1.42	1.41	1.18	0.60	-1.17	2.59	2.35	-4.92	0.65	-0.91	-2.26	999.00	999.00	
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
21	999.00	-0.31	-0.53	-0.71	-0.81	-1.01	6.67	-2.32	1.66	0.81	-0.72	-0.93	-1.08	-0.94	-0.09	
	0.47	0.63	0.26	-1.26	-3.47	-3.85	3.31	3.02	2.73	-1.90	-1.45	-1.74	-0.53	-2.04	-2.68	
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
22	-0.22	-0.47	-0.69	-0.89	-1.04	-1.27	5.02	4.23	4.65	0.79	-0.51	-0.77	-0.98	-0.99	-0.71	
	0.06	0.34	0.53	0.51	-1.21	-1.41	-1.38	-0.78	-3.62	-2.31	2.73	-4.54	1.11	0.20	-1.85	
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
23	-0.41	-0.62	-0.84	-1.05	-1.24	-1.43	5.40	2.46	-1.10	-0.77	-0.38	-0.37	-0.76	-0.92	-0.90	
	-0.71	-0.46	0.13	0.37	0.46	4.07	3.93	3.78	3.64	3.50	-5.47	-0.24	2.55	1.94	0.02	
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
24	-0.58	-0.76	-1.00	-1.20	-1.39	-0.56	1.53	0.75	0.80	1.17	-0.32	-0.28	-0.34	-0.68	-0.78	
	-0.78	-0.67	-0.51	-0.26	0.42	0.44	1.05	0.97	2.06	2.71	2.91	2.52	-1.57	2.79	3.63	
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
25	-0.73	-0.88	-1.12	-1.33	-1.54	8.35	6.72	6.57	6.41	6.22	5.99	0.22	-0.16	-0.29	-0.42	
	-0.47	-0.57	-0.53	-0.29	0.44	1.14	1.62	1.99	-4.75	-0.43	-1.55	-1.68	4.58	3.55	4.48	
	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00					
26	-0.84	-0.99	-1.22	-1.45	-1.59	6.29	6.16	0.74	1.06	2.64	3.74	3.73	0.85	0.94	0.81	
	0.65	0.12	0.20	0.86	1.34	1.77	2.10	2.27	-0.80	0.01	1.43	-3.16	4.91	1.83	4.86	
	999.00	999.00	999.00	999.00	0.33	999.00	999.00	999.00	999.00	999.00	999.00					
27	-0.95	-1.09	-1.31	-1.49	-2.13	1.24	4.12	6.48	5.33	-2.37	-3.03	0.95	0.53	1.50	1.46	
	1.51	1.35	1.33	1.56	1.87	2.16	2.35	-1.44	4.76	4.81	4.85	4.95	4.16	-2.95	5.77	
	999.00	999.00	999.00	0.23	0.21	-3.13	999.00	999.00	999.00	999.00	999.00					
28	-1.06	-1.18	-1.38	-1.55	-2.18	-0.81	0.58	2.44	3.80	5.15	2.55	1.79	1.35	2.25	-0.42	
	2.01	1.90	1.84	5.08	4.53	-3.96	0.90	0.65	0.48	4.98	5.03	-0.57	1.22	-2.34	-0.76	
	-1.37	-0.89	0.09	4.33	1.37	-1.37	-3.27	999.00	999.00	999.00	999.00					
29	-1.15	-1.27	-1.45	-1.60	-1.72	-0.34	0.55	1.92	2.78	2.84	2.75	2.07	-1.65	5.60	5.49	
	5.40	5.32	5.26	5.20	5.16	-2.05	1.99	1.98	0.99	-3.97	5.17	-3.78	5.43	5.71	-2.34	

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                -1.80   -1.28    0.15    5.07    2.54   -0.19   -1.44   -4.43  999.00  999.00  999.00

      30        -1.25   -1.35   -1.51   -2.15   -0.77    0.12    1.52    2.40    3.77    2.39    6.02    0.78    2.52    2.16    1.85
                 5.46    5.39   -0.83    0.70    0.45    0.14   -0.22   -0.88   -3.80    5.23    4.78    5.36    5.00    5.72   -2.44
                -2.11   -2.23   -0.08    4.75    3.08    1.56    0.27   -4.73  999.00  999.00  999.00

      31        -1.33   -1.43   -1.57   -2.19   -0.30    1.09    1.99    2.88    3.77    5.15    6.03    5.92    5.81   -3.11   -0.60
                 3.17   -2.77    5.41    5.37   -3.71    4.82    3.80    3.29    2.90    2.82    2.51    0.63    1.34    5.22   -2.53
                -2.32   -2.42   -1.75    0.88    2.07    2.33    1.67   -4.55  999.00  999.00  999.00

      32        -1.40   -1.49   -1.62   -2.24   -0.34    1.55    2.96    3.87    4.76    5.66   -2.52   -2.47   -1.89   -1.39   -2.29
                -3.13    5.52    2.47    1.94   -3.82    4.89    4.38   -1.63   -3.13   -2.30   -1.76   -0.10    1.16    5.70    5.89
                -2.48   -2.57   -2.87   -3.53    2.97    2.51    2.52   -3.54  999.00  999.00  999.00

      33        -1.47   -1.55   -1.67   -2.28   -0.38    1.53    2.94    4.36    5.77    6.17    6.07    5.98    5.89   -2.76    5.72
                 2.29    4.17    3.78    3.19   -1.53    1.45    4.44   -3.50   -3.07   -3.05   -1.89   -0.47    0.95    1.31    6.32
                -2.60   -2.69   -2.94   -3.46    3.82    1.59    3.27   -4.25   -0.30  999.00  999.00

      34        -1.53   -1.10   -1.72   -2.32   -0.41    1.50    2.93    4.35    5.77    5.68    6.09    5.75    5.67   -3.40    5.76
                 5.14    3.13   -1.42   -3.46   -2.98   -2.00    1.99    1.98   -3.02   -3.01   -2.02   -0.43    0.86    0.93   -0.42
                -2.70   -2.78   -2.99   -2.90    4.08    0.59    3.90   -3.74   -0.60  999.00  999.00

      35        -0.58    2.85   -1.76   -2.36   -0.94    1.48    3.41    4.84    6.27    6.19    6.11   -3.20    4.70    5.88    5.32
                 4.99    4.39    3.85    3.31   -3.46   -2.95   -2.97   -3.61   -2.98   -2.98   -2.05   -0.54    0.64    0.66   -0.66
                -2.77   -2.84   -3.02   -2.04   -0.73   -1.48    4.42   -3.38   -0.85   -0.30  999.00

      36         0.87    6.30   -1.80   -1.89   -0.47    2.46    3.90    5.83    6.27    6.20    6.12    6.05   -1.94    5.62    5.34
                 4.89    4.33    3.66    2.65    1.15   -0.02   -1.11   -2.94   -2.95   -2.96   -2.08   -0.61    0.36    0.13   -1.34
                -2.82   -2.89   -3.03   -2.21   -0.96   -1.56    1.77   -3.13   -1.46   -0.55   -0.21

      37         1.82    6.76    1.16   -0.92    0.51    2.94    4.89    6.33    6.27    6.20    6.14    6.00    5.81    5.58    5.25
                 4.77    4.23    3.43    2.42    1.17   -0.07   -1.12   -2.39   -2.92   -2.93   -2.11   -0.73    0.04   -0.57   -2.05
                -2.84   -2.91   -3.03   -2.59   -1.47   -1.92   -2.56   -2.93   -1.57   -0.76   -0.37

      38         2.77    6.72    3.63    2.06    1.49    3.93    5.88    6.32    6.27    6.21    6.02    5.92    5.69    5.38    5.00
                 4.56    4.04    3.23    2.27    0.95   -0.36   -1.50   -2.86   -2.88   -2.89   -2.11   -0.97   -0.40   -1.36   -2.85
                -2.86   -2.92   -3.01   -3.17   -2.03   -2.48   -2.74   -2.78   -1.66   -0.91   -0.53

      39         4.23    6.68    6.60    5.04    4.48    4.92    6.37    6.32    5.80    5.81    5.81    5.68    5.41    5.05    4.56
                 4.23    3.64    2.85    1.97    0.60   -0.80   -1.91   -2.82   -2.84   -2.85   -2.09   -1.19   -0.90   -2.10   -2.85
                -2.86   -2.91   -2.99   -3.12   -2.58   -3.29   -3.15   -2.67   -1.73   -1.04   -0.68

      40         5.20    6.65    6.58    6.52    5.96    5.91    4.99    5.19    5.46    5.51    5.46    5.26    4.92    4.51    4.16
                 3.64    3.02    2.37    1.50    0.22   -1.27   -2.76   -2.78   -2.80   -2.46   -2.00   -1.34   -1.27   -2.83   -2.83
                -2.85   -2.89   -2.96   -3.06   -3.16   -3.17   -3.02   -2.58   -1.78   -1.16   -0.82

      41         6.66    6.62    6.55    6.00    2.79    3.54    4.26    4.66    4.89    4.92    4.77    4.44    3.97    3.39    2.83
                 2.29    1.83    1.25    0.62   -0.36   -1.62   -2.72   -2.73   -2.75   -2.40   -2.04   -1.58   -1.58   -2.80   -2.81
                -2.83   -2.87   -2.92   -2.99   -3.06   -3.04   -2.89   -2.50   -1.83   -1.29   -0.98

      42         8.24    4.98    0.00   -0.18    1.05    2.11    3.00    3.55    3.82    3.83    3.51    2.80    1.85    0.89    0.34
                 0.06   -0.32   -0.61   -0.70   -1.19   -2.01   -2.66   -2.68   -2.70   -2.71   -2.38   -2.24   -2.76   -2.77   -2.78
                -2.80   -2.83   -2.87   -2.92   -2.95   -2.91   -2.76   -2.42   -1.88   -1.41    3.17

      43         8.22    4.71   -1.99   -2.04   -0.70    0.04    1.04    1.87    2.34    2.37    1.79    0.65   -0.65   -2.40   -2.43
                -2.46   -2.50   -2.53   -2.08   -2.10   -2.33   -2.81   -2.63   -2.65   -2.67   -2.68   -2.70   -2.72   -2.74   -2.75
                -2.77   -2.80   -2.82   -2.85   -2.86   -2.80   -2.66   -2.37   -1.92   -1.52    2.95

      44         8.28    4.74   -2.01   -2.05   -2.09   -2.12   -0.89   -0.02    0.58    0.76    0.35   -0.36   -1.20   -2.37   -2.40
                -2.43   -2.46   -2.49   -2.51   -2.54   -2.56   -2.58   -2.59   -2.61   -2.63   -2.64   -2.66   -2.68   -2.70   -2.72
                -2.74   -2.76   -2.78   -2.80   -2.79   -2.72   -2.58   -2.32   -1.94   -1.60    2.62

      45         8.44    5.10   -2.02   -2.06   -2.09   -2.12   -1.41   -0.94   -0.70   -0.64   -0.74   -0.97   -1.34   -1.83   -2.37
                -2.39   -2.42   -2.45   -2.47   -2.50   -2.52   -2.54   -2.56   -2.57   -2.59   -2.61   -2.63   -2.65   -2.67   -2.69
                -2.71   -2.73   -2.74   -2.74   -2.71   -2.64   -2.51   -2.29   -1.97   -1.68    2.09

      46         8.84    6.59    2.07   -2.07   -2.09   -2.12   -2.14   -2.16   -2.18   -2.21   -2.23   -2.26   -2.28   -2.31   -2.34
                -2.36   -2.39   -2.41   -2.43   -2.46   -2.48   -2.50   -2.52   -2.54   -2.55   -2.57   -2.59   -2.61   -2.63   -2.65
                -2.67   -2.68   -2.69   -2.68   -2.64   -2.56   -2.44   -2.25   -1.99   -1.76    0.94

      47         8.88    6.25    1.63   -2.07   -2.09   -2.11   -2.13   -2.15   -2.18   -2.20   -2.22   -2.25   -2.27   -2.30   -2.32
                -2.35   -2.37   -2.39   -2.41   -2.44   -2.46   -2.48   -2.50   -2.51   -2.53   -2.55   -2.57   -2.59   -2.60   -2.62
                -2.64   -2.65   -1.59   -1.08   -1.25   -2.52   -2.41   -2.24   -2.00   -1.80   -1.67


                        DRAWDOWN IN LAYER  3 AT END OF TIME STEP  1 IN STRESS PERIOD  1
                ---------------------------------------------------------------------------

                  1       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      32      33      34      35      36      37      38      39      40      41
..............................................................................................................................................

       1         0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                 0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                 0.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00

       2         0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                 0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                 0.00    0.00    0.00    0.00    0.00  999.00  999.00  999.00  999.00  999.00  999.00

       3         0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00
                 0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00   -2.62   -2.08   -1.86   -5.23   -4.94    0.00
                 0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00  999.00  999.00  999.00
```

4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.35	-8.19	-9.58	-10.18	-10.80	-11.69
	-12.63	-13.63	-14.46	-15.28	-14.98	-13.59	-11.54	-9.43	-7.46	-5.97	-4.23	0.00	-3.56	-5.58	-8.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.00				
5	0.00	-4.16	-4.36	-5.33	-6.75	-8.02	-8.12	-7.70	-7.94	-10.21	-11.35	-11.75	-11.47	-10.97	-11.01
	-11.20	-10.96	-10.52	-10.31	-10.36	-10.58	-10.76	-10.14	-9.44	-9.29	-9.27	-9.66	-10.59	-14.17	-16.45
	-18.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
6	0.00	-4.59	-5.02	-5.73	-5.86	-5.37	-5.05	-4.96	-4.96	-5.08	-5.79	-6.67	-7.61	-7.78	-7.37
	-6.74	-6.06	-5.54	-5.15	-4.97	-4.70	-4.67	-4.88	-5.19	-6.47	-7.18	-8.52	-11.17	-14.16	-16.08
	-17.16	-19.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
7	0.00	-3.99	-4.47	-3.98	-2.95	-1.47	-0.99	-0.52	-0.34	-0.37	-0.50	-0.51	-0.63	-0.60	-0.33
	0.06	0.07	0.25	0.38	0.58	0.57	0.53	0.52	0.32	-0.09	-1.19	-2.70	-10.41	-13.85	-14.88
	-16.21	-17.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
8	0.00	-1.65	-1.05	-0.13	0.41	0.37	0.11	0.05	0.05	0.08	0.19	0.38	0.42	0.35	0.05
	-0.15	-0.16	0.02	0.27	0.50	0.44	-0.32	-0.82	-1.14	-2.18	-3.80	-6.15	-9.66	-13.13	-14.59
	-15.07	-13.94	-10.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
9	0.00	0.00	0.18	0.76	0.85	0.87	0.86	0.80	0.76	0.67	0.60	1.03	1.39	1.52	1.73
	1.76	1.80	2.19	2.18	1.33	0.59	0.00	-0.35	0.06	0.22	-1.52	-4.63	-7.56	-11.06	-12.81
	-13.57	-11.43	-6.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
10	0.00	0.00	0.08	0.30	0.38	0.34	0.38	0.36	0.30	0.27	0.16	0.14	0.35	0.54	0.68
	0.63	0.27	-0.04	-0.31	-1.30	-2.39	-2.76	-3.61	-4.52	-3.54	-3.01	-6.07	-8.70	-11.31	-13.47
	-13.92	-11.96	-7.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
11	0.00	0.00	-0.10	-0.23	-0.25	-0.32	-0.32	-0.33	-0.42	-0.54	-0.64	-0.97	-1.00	-0.96	-0.87
	-1.05	-1.73	-2.67	-3.10	-3.49	-4.06	-4.99	-5.92	-6.68	-7.35	-7.43	-8.28	-11.13	-13.33	-16.33
	-16.07	-15.31	-13.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
12	0.00	0.00	0.00	-0.25	-0.34	-0.38	-0.41	-0.49	-0.64	-0.83	-1.06	-1.23	-1.33	-1.38	-1.39
	-1.43	-1.69	-2.08	-2.37	-2.87	-3.67	-4.66	-5.66	-6.51	-7.35	-8.58	-10.44	-12.67	-14.42	-17.45
	-16.99	-16.84	-16.53	-27.91	-27.68	0.00	0.00	0.00	0.00	0.00	0.00				
13	0.00	0.00	0.00	-0.17	-0.27	-0.26	-0.27	-0.37	-0.64	-0.91	-1.15	-1.31	-1.42	-1.46	-1.42
	-1.25	-1.14	-1.25	-1.33	-2.11	-3.03	-4.08	-5.38	-6.39	-7.07	-9.45	-12.22	-13.95	-15.43	-17.48
	-18.34	-18.28	-19.10	-26.04	-25.34	0.00	0.00	0.00	0.00	0.00	0.00				
14	0.00	0.00	0.00	0.00	-0.14	0.02	0.10	0.05	-0.46	-0.83	-1.07	-1.26	-1.39	-1.43	-1.34
	-0.93	-0.55	-0.49	0.00	-2.22	-3.56	-4.50	-5.17	-5.89	-7.34	-10.20	-12.69	-14.30	-15.81	-17.02
	-18.44	-18.96	-20.11	-25.39	-25.05	-10.10	0.00	0.00	0.00	0.00	0.00				
15	0.00	0.00	0.00	0.00	-0.07	-0.11	-0.07	0.01	-0.34	-0.67	-0.91	-1.10	-1.26	-1.39	-1.36
	-0.46	0.32	-0.20	-0.91	-2.46	-4.00	-5.06	-5.48	-5.87	-7.12	-9.66	-12.38	-14.04	-15.62	-16.26
	-16.70	-17.98	-19.25	-24.23	-25.08	-17.46	0.00	0.00	0.00	0.00	0.00				
16	0.00	0.00	0.00	0.00	0.00	-0.15	-0.19	-0.18	-0.13	-0.52	-0.69	-0.86	-1.06	-1.37	-2.10
	0.81	3.46	0.94	-0.59	-2.09	-3.47	-4.84	-5.81	-6.42	-7.59	-9.09	-11.54	-13.49	-15.34	-15.31
	-15.46	-16.71	-17.59	-22.12	-24.40	-22.65	-30.75	0.00	0.00	0.00	0.00				
17	0.00	0.00	0.00	0.00	0.00	-0.18	-0.26	-0.28	-0.20	-0.50	-0.84	-1.06	-1.37	-1.69	-2.26
	0.90	3.16	1.08	-0.26	-1.53	-2.62	-3.62	-4.74	-5.80	-7.59	-9.39	-11.09	-12.71	-14.26	-14.69
	-14.52	-15.11	-16.04	-20.10	-23.24	-24.21	-30.41	-32.19	0.00	0.00	0.00				
18	0.00	0.00	0.00	0.00	0.00	-0.16	-0.29	-0.43	-0.48	-0.59	-0.96	-1.30	-1.68	-1.74	-1.55
	-0.48	0.38	0.19	-0.17	-0.83	-1.65	-2.23	-2.77	-3.56	-5.57	-8.51	-10.85	-12.11	-12.74	-14.03
	-13.62	-13.56	-14.66	-18.70	-22.08	-24.51	-29.43	-31.27	0.00	0.00	0.00				
19	0.00	0.00	-0.06	-0.04	-0.09	0.00	-0.26	-0.64	-0.91	-0.96	-1.11	-1.46	-1.76	-1.86	-1.53
	-1.04	-0.46	-0.40	-0.57	-0.86	-1.18	-1.39	-1.36	-0.64	-3.14	-5.61	-8.64	-10.93	-11.89	-13.20
	-12.33	-12.59	-13.41	-17.63	-20.94	-24.03	-28.28	-29.84	-25.07	0.00	0.00				
20	0.00	-0.06	-0.15	-0.21	-0.25	-0.24	-0.55	-0.83	-0.89	-1.11	-1.24	-1.41	-1.58	-1.62	-1.44
	-1.18	-0.90	-0.80	-0.87	-1.03	-1.22	-1.38	-1.48	-1.41	-2.36	-3.89	-5.93	-8.91	-11.50	-12.39
	-9.69	-11.06	-12.04	-16.13	-19.82	-23.22	-27.09	-28.38	-24.59	0.00	0.00				
21	0.00	-0.12	-0.24	-0.40	-0.41	-0.50	-0.69	-0.82	-0.93	-1.07	-1.19	-1.34	-1.46	-1.51	-1.41
	-1.27	-1.12	-1.05	-1.07	-1.16	-1.29	-1.41	-1.53	-1.65	-1.98	-2.72	-4.22	-6.61	-9.34	-9.91
	-6.61	-8.60	-9.04	-13.79	-18.71	-22.15	-25.69	-26.81	-23.08	0.00	0.00				
22	-0.06	-0.17	-0.31	-0.45	-0.52	-0.63	-0.74	-0.83	-0.94	-1.04	-1.14	-1.28	-1.39	-1.44	-1.41
	-1.32	-1.24	-1.19	-1.19	-1.25	-1.33	-1.43	-1.54	-1.67	-1.88	-2.08	-2.73	-4.49	-6.31	-6.76
	-5.05	-5.98	-5.63	-11.20	-17.55	-20.88	-23.94	-25.01	-20.16	0.00	0.00				
23	-0.11	-0.22	-0.38	-0.52	-0.62	-0.69	-0.76	-0.84	-0.93	-1.02	-1.12	-1.22	-1.31	-1.37	-1.38
	-1.35	-1.31	-1.26	-1.26	-1.29	-1.35	-1.43	-1.51	-1.61	-1.74	-1.86	-1.97	-2.68	-4.04	-4.35
	-3.62	-3.60	-3.89	-8.76	-15.55	-19.46	-21.90	-22.62	-16.70	-3.02	0.00				
24	-0.16	-0.27	-0.44	-0.57	-0.68	-0.73	-0.78	-0.85	-0.91	-1.00	-1.07	-1.17	-1.23	-1.28	-1.30
	-1.30	-1.30	-1.28	-1.28	-1.30	-1.34	-1.40	-1.47	-1.53	-1.61	-1.68	-1.74	-1.73	-2.40	-2.50
	-2.27	-1.66	-2.23	-6.55	-12.91	-17.59	-19.66	-19.76	-13.61	-4.18	0.00				
25	-0.21	-0.32	-0.48	-0.61	-0.74	-0.77	-0.80	-0.85	-0.90	-0.97	-1.04	-1.10	-1.17	-1.20	-1.21
	-1.23	-1.24	-1.24	-1.25	-1.29	-1.33	-1.37	-1.42	-1.46	-1.50	-1.55	-1.58	-1.60	-1.57	-1.37
	-1.21	-1.07	0.00	-5.20	-11.25	-15.93	-17.79	-17.49	-11.44	-4.65	0.00				
26	-0.24	-0.34	-0.51	-0.66	-0.72	-0.76	-0.80	-0.84	-0.89	-0.95	-1.01	-1.07	-1.11	-1.15	-1.18
	-1.20	-1.22	-1.23	-1.24	-1.27	-1.31	-1.34	-1.38	-1.41	-1.44	-1.45	-1.46	-1.44	-1.28	-0.86
	0.00	-0.54	0.00	-4.75	-9.96	-15.14	-16.67	-16.15	-10.06	-4.51	0.00				
27	-0.28	-0.37	-0.51	-0.63	-0.70	-0.75	-0.78	-0.83	-0.87	-0.93	-0.98	-1.03	-1.08	-1.11	-1.14
	-1.16	-1.18	-1.19	-1.22	-1.25	-1.27	-1.31	-1.33	-1.35	-1.38	-1.38	-1.37	-1.31	-1.15	-0.77
	0.00	0.00	-0.35	-3.96	-8.03	-13.20	-15.70	-15.05	-8.63	-4.06	0.00				

```
2801
2802          28   -0.31   -0.40   -0.51   -0.61   -0.67   -0.72   -0.77   -0.81   -0.86   -0.91   -0.96   -1.00   -1.04   -1.08   -1.11
2803               -1.13   -1.15   -1.17   -1.19   -1.22   -1.25   -1.28   -1.30   -1.31   -1.32   -1.32   -1.30   -1.24   -1.11   -0.84
2804               -0.42   -0.40   -1.03   -3.20   -6.07  -10.31  -13.60  -14.04   -6.98   -3.36    0.00
2805
2806          29   -0.34   -0.41   -0.52   -0.60   -0.66   -0.71   -0.75   -0.80   -0.84   -0.89   -0.93   -0.98   -1.02   -1.05   -1.08
2807               -1.11   -1.12   -1.15   -1.17   -1.19   -1.21   -1.24   -1.26   -1.28   -1.28   -1.28   -1.26   -1.22   -1.11   -0.93
2808               -0.73   -1.03   -1.56   -2.94   -4.81   -7.58  -10.59  -11.93   -5.05   -2.62    0.00
2809
2810          30   -0.36   -0.43   -0.52   -0.59   -0.64   -0.69   -0.74   -0.78   -0.83   -0.87   -0.92   -0.95   -0.99   -1.03   -1.06
2811               -1.08   -1.11   -1.13   -1.15   -1.17   -1.20   -1.21   -1.23   -1.25   -1.25   -1.25   -1.23   -1.19   -1.13   -1.02
2812               -0.97   -1.32   -1.66   -2.71   -4.28   -5.88   -7.75   -9.07   -2.97   -1.94    0.00
2813
2814          31   -0.38   -0.43   -0.52   -0.59   -0.64   -0.68   -0.72   -0.76   -0.81   -0.85   -0.89   -0.92   -0.96   -1.00   -1.04
2815               -1.06   -1.09   -1.11   -1.13   -1.15   -1.17   -1.19   -1.21   -1.22   -1.23   -1.23   -1.22   -1.20   -1.16   -1.10
2816               -1.12   -1.39   -1.73   -2.53   -3.80   -5.12   -5.96   -6.65   -1.36   -1.26    0.00
2817
2818          32   -0.39   -0.44   -0.52   -0.58   -0.62   -0.67   -0.70   -0.75   -0.79   -0.83   -0.87   -0.91   -0.95   -0.98   -1.01
2819               -1.04   -1.07   -1.10   -1.11   -1.13   -1.15   -1.17   -1.19   -1.21   -1.21   -1.21   -1.21   -1.19   -1.17   -1.16
2820               -1.21   -1.44   -1.76   -2.40   -3.38   -4.43   -5.11   -4.63    0.00   -0.66    0.00
2821
2822          33   -0.40   -0.45   -0.52   -0.57   -0.62   -0.66   -0.69   -0.73   -0.77   -0.81   -0.85   -0.88   -0.92   -0.96   -0.99
2823               -1.02   -1.05   -1.08   -1.10   -1.12   -1.14   -1.16   -1.17   -1.19   -1.20   -1.20   -1.20   -1.20   -1.20   -1.21
2824               -1.27   -1.47   -1.78   -2.29   -3.01   -3.83   -4.32   -3.53   -0.33    0.00    0.00
2825
2826          34   -0.41   -0.46   -0.52   -0.57   -0.61   -0.65   -0.68   -0.72   -0.75   -0.79   -0.83   -0.86   -0.90   -0.94   -0.97
2827               -1.01   -1.04   -1.06   -1.08   -1.10   -1.12   -1.14   -1.16   -1.17   -1.19   -1.20   -1.21   -1.21   -1.21   -1.24
2828               -1.32   -1.50   -1.76   -2.19   -2.74   -3.31   -3.66   -3.06   -0.76    0.00    0.00
2829
2830          35   -0.41   -0.46   -0.51   -0.56   -0.60   -0.64   -0.67   -0.70   -0.74   -0.77   -0.80   -0.85   -0.88   -0.92   -0.95
2831               -0.98   -1.01   -1.04   -1.07   -1.09   -1.11   -1.13   -1.15   -1.17   -1.19   -1.20   -1.20   -1.20   -1.22   -1.25
2832               -1.34   -1.51   -1.74   -2.11   -2.56   -2.93   -3.11   -2.69   -1.12   -0.22    0.00
2833
2834          36   -0.41   -0.45   -0.51   -0.56   -0.59   -0.63   -0.65   -0.69   -0.72   -0.75   -0.78   -0.82   -0.86   -0.90   -0.92
2835               -0.96   -0.99   -1.02   -1.05   -1.07   -1.10   -1.11   -1.15   -1.17   -1.20   -1.19   -1.19   -1.21   -1.23   -1.26
2836               -1.35   -1.50   -1.71   -2.02   -2.40   -2.68   -2.72   -2.39   -1.27   -0.43   -0.12
2837
2838          37   -0.42   -0.46   -0.50   -0.54   -0.59   -0.62   -0.64   -0.67   -0.71   -0.74   -0.77   -0.80   -0.84   -0.87   -0.91
2839               -0.94   -0.97   -1.00   -1.03   -1.05   -1.07   -1.10   -1.13   -1.16   -1.18   -1.18   -1.19   -1.20   -1.23   -1.27
2840               -1.35   -1.49   -1.67   -1.94   -2.25   -2.45   -2.47   -2.15   -1.26   -0.58   -0.21
2841
2842          38   -0.41   -0.45   -0.50   -0.54   -0.58   -0.61   -0.63   -0.66   -0.69   -0.72   -0.75   -0.78   -0.81   -0.85   -0.89
2843               -0.91   -0.95   -0.98   -1.00   -1.03   -1.05   -1.07   -1.12   -1.14   -1.15   -1.16   -1.18   -1.19   -1.22   -1.26
2844               -1.35   -1.46   -1.63   -1.85   -2.12   -2.26   -2.26   -1.93   -1.23   -0.64   -0.29
2845
2846          39   -0.41   -0.44   -0.49   -0.53   -0.56   -0.59   -0.62   -0.64   -0.68   -0.71   -0.74   -0.76   -0.79   -0.83   -0.86
2847               -0.89   -0.91   -0.95   -0.97   -1.00   -1.02   -1.06   -1.09   -1.10   -1.12   -1.14   -1.16   -1.19   -1.21   -1.26
2848               -1.33   -1.45   -1.58   -1.77   -2.00   -2.10   -2.09   -1.80   -1.21   -0.69   -0.38
2849
2850          40   -0.41   -0.44   -0.49   -0.52   -0.55   -0.58   -0.60   -0.63   -0.66   -0.69   -0.72   -0.74   -0.77   -0.81   -0.84
2851               -0.86   -0.89   -0.92   -0.95   -0.98   -0.99   -1.02   -1.05   -1.07   -1.10   -1.12   -1.14   -1.16   -1.20   -1.24
2852               -1.31   -1.42   -1.54   -1.71   -1.89   -1.97   -1.94   -1.68   -1.18   -0.73   -0.45
2853
2854          41   -0.41   -0.43   -0.47   -0.50   -0.53   -0.57   -0.59   -0.61   -0.63   -0.66   -0.68   -0.72   -0.75   -0.77   -0.81
2855               -0.83   -0.86   -0.89   -0.91   -0.94   -0.96   -0.99   -1.01   -1.03   -1.06   -1.08   -1.10   -1.14   -1.17   -1.22
2856               -1.28   -1.38   -1.48   -1.63   -1.77   -1.83   -1.79   -1.57   -1.15   -0.76   -0.53
2857
2858          42   -0.39   -0.42   -0.45   -0.49   -0.51   -0.54   -0.56   -0.59   -0.60   -0.63   -0.65   -0.68   -0.70   -0.73   -0.76
2859               -0.78   -0.82   -0.85   -0.87   -0.89   -0.92   -0.94   -0.96   -0.98   -1.00   -1.03   -1.06   -1.10   -1.14   -1.19
2860               -1.26   -1.34   -1.42   -1.54   -1.65   -1.70   -1.64   -1.46   -1.13   -0.80   -0.61
2861
2862          43   -0.38   -0.40   -0.44   -0.46   -0.49   -0.51   -0.54   -0.55   -0.57   -0.60   -0.62   -0.65   -0.67   -0.70   -0.72
2863               -0.75   -0.77   -0.80   -0.82   -0.85   -0.87   -0.89   -0.92   -0.94   -0.96   -0.99   -1.02   -1.07   -1.11   -1.16
2864               -1.22   -1.29   -1.37   -1.46   -1.55   -1.58   -1.53   -1.37   -1.10   -0.84   -0.67
2865
2866          44   -0.37   -0.39   -0.42   -0.44   -0.47   -0.49   -0.51   -0.53   -0.55   -0.57   -0.59   -0.61   -0.63   -0.65   -0.68
2867               -0.70   -0.73   -0.75   -0.79   -0.80   -0.83   -0.85   -0.88   -0.90   -0.93   -0.95   -0.99   -1.03   -1.08   -1.13
2868               -1.19   -1.26   -1.32   -1.40   -1.46   -1.48   -1.43   -1.31   -1.08   -0.86   -0.72
2869
2870          45   -0.36   -0.37   -0.39   -0.42   -0.44   -0.46   -0.48   -0.49   -0.52   -0.53   -0.55   -0.57   -0.59   -0.61   -0.64
2871               -0.66   -0.68   -0.71   -0.74   -0.76   -0.79   -0.82   -0.84   -0.87   -0.89   -0.91   -0.95   -1.00   -1.04   -1.09
2872               -1.15   -1.21   -1.27   -1.33   -1.38   -1.39   -1.35   -1.24   -1.06   -0.89   -0.76
2873
2874          46   -0.35   -0.37   -0.37   -0.39   -0.41   -0.42   -0.44   -0.45   -0.47   -0.49   -0.50   -0.52   -0.54   -0.57   -0.59
2875               -0.61   -0.64   -0.67   -0.69   -0.72   -0.75   -0.78   -0.80   -0.82   -0.86   -0.88   -0.92   -0.96   -1.00   -1.05
2876               -1.11   -1.16   -1.21   -1.27   -1.30   -1.30   -1.26   -1.18   -1.04   -0.92   -0.83
2877
2878          47   -0.34   -0.35   -0.36   -0.37   -0.38   -0.39   -0.41   -0.43   -0.44   -0.46   -0.48   -0.51   -0.52   -0.54   -0.57
2879               -0.60   -0.62   -0.64   -0.67   -0.70   -0.72   -0.75   -0.78   -0.81   -0.83   -0.85   -0.89   -0.93   -0.97   -1.02
2880               -1.08   -1.14   -1.18   -1.23   -1.26   -1.25   -1.22   -1.15   -1.03   -0.92   -0.86

2881                    DRAWDOWN IN LAYER  4 AT END OF TIME STEP  1 IN STRESS PERIOD  1
2882               ---------------------------------------------------------------------
2883
2884                     1       2       3       4       5       6       7       8       9      10      11      12      13      14      15
2885                    16      17      18      19      20      21      22      23      24      25      26      27      28      29      30
2886                    31      32      33      34      35      36      37      38      39      40      41
2887               .....................................................................................................................
2888
2889           1   -3.40   -3.56   -3.81   -4.00   -4.16   -5.35   -2.95   -3.56   -0.71    0.60   10.55   26.58   31.04   26.95   20.36
2890               21.31   22.27   17.72   12.67   19.11   15.42   -0.32    7.86   15.14   13.14   20.50   16.09   12.84   11.50    7.96
2891                0.20  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00  999.00
2892
2893           2   -3.26   -4.45   -4.18   -5.30   -0.88   -0.18    9.06   36.77   37.43   24.03   16.06   -1.48    1.44   31.81   49.16
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		42.98	30.75	25.96	25.10	25.66	29.12	36.49	49.81	65.12	70.95	68.35	66.11	49.92	24.61	4.40
		17.23	-0.23	21.66	13.92	0.73	999.00	999.00	999.00	999.00	999.00	999.00				
	3	-2.96	-4.05	2.35	1.39	2.50	2.66	1.37	0.56	4.23	9.38	15.49	19.07	20.12	26.14	33.13
		17.60	11.05	22.47	27.89	29.80	29.17	25.53	29.88	33.22	43.84	44.08	44.25	42.09	44.68	51.49
		19.85	31.30	22.91	0.08	-4.36	-0.02	9.94	31.32	999.00	999.00	999.00				
	4	-3.37	11.68	44.51	38.53	28.13	30.27	39.47	36.31	36.39	33.58	31.85	31.32	31.19	30.94	30.23
		29.20	28.05	27.08	26.47	26.42	27.66	29.92	32.65	34.61	35.75	36.01	36.03	39.65	40.79	41.59
		22.70	13.94	12.13	11.12	-2.93	-1.87	4.33	29.65	-0.79	27.23	999.00				
	5	-3.02	7.80	19.00	19.46	18.43	17.27	17.27	18.08	18.24	18.10	18.24	18.78	20.20	21.40	21.44
		20.73	20.27	20.13	19.70	19.32	19.44	20.35	23.61	27.66	29.83	30.73	31.69	32.79	33.72	33.73
		31.39	20.19	8.43	-3.10	-1.26	-0.10	0.92	22.12	24.20	2.38	37.96				
	6	-2.71	5.07	11.55	10.72	9.04	8.49	8.35	8.35	8.40	8.36	8.67	9.68	10.45	11.26	12.16
		12.78	13.13	13.52	14.04	14.97	15.45	15.78	16.94	19.46	22.70	25.78	28.05	29.04	30.12	31.85
		31.34	29.78	18.54	28.61	0.19	-0.90	0.00	7.17	9.14	26.30	37.79				
	7	-2.46	1.33	6.07	6.68	6.12	6.26	6.18	6.12	6.08	6.03	6.01	6.10	6.76	7.92	9.33
		10.74	11.75	12.36	12.88	13.23	13.70	14.27	14.79	15.74	17.35	18.95	22.77	24.27	25.70	28.55
		29.39	28.70	38.17	22.20	-1.45	-0.15	1.23	1.22	0.16	29.10	37.22				
	8	-2.16	-1.12	0.79	2.07	3.10	3.89	4.34	4.57	4.75	4.88	5.10	5.50	5.77	5.99	6.81
		8.11	9.32	10.38	11.38	12.03	12.20	12.31	13.00	14.30	15.51	16.72	18.49	20.35	21.31	23.29
		24.87	25.91	26.33	26.08	-0.71	0.95	0.21	-5.33	22.88	0.69	27.23				
	9	-1.91	-2.81	-0.64	0.74	1.53	2.25	2.81	3.22	3.54	3.69	3.69	4.32	4.94	5.30	5.68
		6.22	6.89	7.78	8.48	8.72	8.93	9.34	8.88	10.13	12.23	13.29	14.09	16.51	17.64	19.65
		21.20	22.96	25.34	19.33	-0.56	0.22	-1.67	-6.15	-6.06	-7.14	16.28				
	10	-1.71	-2.63	-1.78	-0.83	-0.04	0.46	0.91	1.30	1.61	1.89	1.92	2.01	2.33	2.62	2.91
		3.11	3.10	2.92	3.10	2.88	2.71	3.26	3.06	2.88	5.22	8.33	9.33	11.85	14.09	15.81
		17.55	19.47	21.80	11.54	0.10	-7.56	-6.90	-5.80	-5.60	-6.53	12.53				
	11	-2.56	-2.49	-2.47	-1.96	-1.35	-0.98	-0.68	-0.38	-0.13	0.05	0.09	-0.21	-0.22	-0.16	0.11
		0.11	-0.31	-1.26	-1.35	-0.94	-0.45	-0.42	-0.53	-0.55	-0.15	1.97	5.49	7.65	9.89	10.90
		12.90	14.42	15.98	-1.80	0.25	-7.40	-6.72	-5.66	-5.38	-6.11	33.83				
	12	-1.45	-2.37	-3.07	-2.50	-2.03	-1.71	-1.49	-1.32	-1.18	-1.11	-1.18	-1.44	-1.58	-1.72	-1.71
		-1.72	-1.79	-1.87	-1.82	-1.46	-1.09	-0.96	-1.03	-1.05	-0.92	-0.45	1.57	3.90	6.27	7.20
		9.45	11.21	12.66	2.76	0.36	1.73	-6.60	-5.64	-5.30	-5.82	36.68				
	13	-1.35	-2.27	-2.95	-2.91	-2.58	-2.32	-2.15	-2.03	-1.92	-1.93	-2.02	-2.20	-2.39	-2.58	-2.78
		-2.79	-2.68	-2.54	-2.40	-1.92	-1.48	-1.22	-1.34	-1.45	-1.27	-1.51	-0.91	0.50	2.31	3.70
		5.29	7.69	8.63	2.30	0.48	1.87	-6.48	-5.61	-5.23	-5.58	41.85				
	14	-1.25	-2.17	-2.83	-3.26	-2.92	-2.75	-2.63	-2.55	-2.47	-2.47	-2.58	-2.80	-3.06	-3.30	-3.46
		-3.30	-3.02	-2.98	-3.53	-2.57	-2.17	-1.89	-1.71	-1.75	-1.98	-2.57	-2.37	-1.60	-0.82	0.37
		0.96	4.04	5.00	1.93	0.37	0.90	1.89	-1.82	-4.39	-5.30	42.94				
	15	-1.15	-2.07	-2.72	-3.16	-3.13	-2.99	-2.88	-2.82	-2.80	-2.83	-2.96	-3.19	-3.51	-3.91	-4.25
		-3.79	-2.95	-2.84	-2.86	-2.61	-2.56	-2.44	-2.16	-2.09	-2.50	-3.14	-3.26	-2.91	-2.76	-2.42
		-1.82	1.05	2.50	1.19	-0.01	-0.14	1.51	2.75	0.73	-4.95	44.45				
	16	-1.06	-1.98	-2.62	-3.04	-3.38	-3.13	-3.05	-2.97	-2.93	-3.00	-3.15	-3.36	-3.73	-4.37	-5.66
		-4.22	-1.79	-2.37	-2.49	-2.42	-2.40	-2.51	-2.54	-2.56	-2.93	-3.38	-3.74	-3.76	-4.07	-3.94
		-3.23	-1.36	0.53	0.25	-0.51	-1.01	-2.30	2.34	9.86	-4.55	39.01				
	17	-1.00	-1.91	-2.53	-2.93	-3.25	-3.14	-3.12	-3.02	-2.97	-3.04	-3.21	-3.44	-3.84	-4.47	-5.69
		-4.19	-2.00	-2.34	-2.29	-2.22	-2.18	-2.19	-2.34	-2.55	-3.15	-3.78	-4.26	-4.29	-4.54	-4.33
		-3.88	-3.28	-1.43	-0.81	-1.09	-1.46	-2.36	-2.83	11.02	-4.14	17.85				
	18	-0.95	-1.85	-2.44	-2.81	-3.13	-3.13	-3.11	-3.02	-2.94	-3.01	-3.20	-3.45	-3.80	-4.10	-4.39
		-3.88	-3.04	-2.59	-2.16	-1.95	-1.89	-1.78	-1.74	-1.90	-2.66	-3.75	-4.68	-4.82	-4.63	-4.62
		-4.18	-4.20	-3.55	-2.25	-1.87	-1.98	-2.52	-2.78	10.69	-3.74	-1.30				
	19	-0.95	-1.80	-2.25	-2.55	-2.89	-3.28	-3.00	-2.98	-2.99	-3.03	-3.15	-3.36	-3.61	-3.80	-3.81
		-3.58	-3.05	-2.61	-2.25	-1.98	-1.80	-1.61	-1.36	-0.84	-2.02	-3.04	-4.21	-4.98	-5.08	-4.96
		-4.43	-4.38	-4.71	-3.72	-2.86	-2.59	-2.84	-2.89	-3.57	-3.37	-0.52				
	20	-0.90	-1.65	-2.06	-2.35	-2.61	-2.77	-2.84	-2.89	-2.86	-2.97	-3.06	-3.15	-3.27	-3.35	-3.34
		-3.20	-2.92	-2.60	-2.30	-2.09	-1.94	-1.82	-1.71	-1.52	-1.93	-2.66	-3.54	-4.64	-5.63	-5.69
		-4.95	-4.52	-4.64	-4.57	-3.99	-3.36	-3.35	-3.21	-3.84	-3.08	-0.12				
	21	-0.90	-1.49	-1.86	-2.13	-2.35	-2.50	-2.61	-2.69	-2.74	-2.82	-2.87	-2.93	-2.98	-3.00	-2.98
		-2.90	-2.73	-2.53	-2.32	-2.16	-2.08	-2.02	-1.96	-1.90	-1.99	-2.34	-3.07	-4.10	-5.24	-5.81
		-5.28	-4.83	-5.06	-4.83	-5.11	-4.13	-3.98	-3.71	-4.06	-2.83	-0.20				
	22	-0.75	-1.33	-1.69	-1.89	-2.10	-2.23	-2.40	-2.52	-2.61	-2.67	-2.70	-2.72	-2.72	-2.71	-2.67
		-2.62	-2.52	-2.40	-2.28	-2.20	-2.17	-2.16	-2.15	-2.14	-2.18	-2.28	-2.66	-3.59	-4.54	-5.22
		-5.17	-5.14	-5.46	-4.99	-5.68	-4.92	-4.63	-4.25	-3.85	-2.61	-0.20				
	23	-0.60	-1.20	-1.53	-1.69	-1.86	-2.05	-2.23	-2.37	-2.48	-2.53	-2.56	-2.55	-2.51	-2.48	-2.43
		-2.36	-2.29	-2.25	-2.19	-2.18	-2.20	-2.23	-2.25	-2.29	-2.35	-2.43	-2.56	-3.18	-4.01	-4.71
		-4.97	-5.19	-5.27	-5.13	-5.70	-5.61	-5.16	-4.67	-3.46	-2.52	-0.20				
	24	-0.52	-1.11	-1.36	-1.52	-1.67	-1.88	-2.08	-2.24	-2.34	-2.40	-2.40	-2.38	-2.35	-2.31	-2.24
		-2.18	-2.13	-2.07	-2.06	-2.14	-2.20	-2.25	-2.31	-2.38	-2.47	-2.55	-2.71	-3.00	-3.56	-4.22
		-4.74	-5.03	-5.04	-5.22	-5.94	-6.08	-5.60	-4.90	-3.19	-2.29	-0.15				
	25	-0.49	-1.03	-1.23	-1.35	-1.44	-1.74	-1.95	-2.11	-2.21	-2.26	-2.27	-2.24	-2.21	-2.18	-2.11
		-2.06	-2.01	-1.97	-1.99	-2.07	-2.15	-2.21	-2.29	-2.37	-2.47	-2.58	-2.72	-2.96	-3.27	-3.80
		-4.48	-4.71	-4.81	-5.10	-6.10	-6.25	-5.84	-5.04	-3.15	-2.10	-0.15				

26	-0.45	-0.95	-1.14	-1.20	-1.41	-1.63	-1.83	-1.99	-2.09	-2.13	-2.13	-2.12	-2.09	-2.06	-2.04
	-2.00	-1.93	-1.92	-1.97	-2.02	-2.07	-2.14	-2.23	-2.32	-2.42	-2.52	-2.65	-2.84	-3.10	-3.49
	-4.36	-4.43	-4.53	-4.78	-5.62	-6.34	-5.91	-5.10	-3.12	-1.96	-0.15				
27	-0.48	-0.90	-1.09	-1.20	-1.37	-1.56	-1.71	-1.86	-1.95	-1.99	-2.00	-2.00	-1.99	-1.97	-1.96
	-1.95	-1.94	-1.94	-1.98	-2.02	-2.05	-2.12	-2.19	-2.27	-2.37	-2.46	-2.58	-2.74	-2.95	-3.30
	-4.08	-4.20	-4.06	-4.32	-4.79	-5.80	-6.00	-5.21	-3.08	-1.84	-0.20				
28	-0.46	-0.84	-1.04	-1.17	-1.33	-1.49	-1.62	-1.73	-1.81	-1.86	-1.89	-1.89	-1.89	-1.88	-1.89
	-1.90	-1.92	-1.94	-1.96	-2.02	-2.07	-2.12	-2.18	-2.25	-2.32	-2.40	-2.50	-2.63	-2.81	-3.12
	-3.65	-3.81	-3.94	-3.87	-3.92	-4.71	-5.47	-5.33	-2.96	-1.73	-0.25				
29	-0.44	-0.78	-1.01	-1.16	-1.29	-1.43	-1.53	-1.63	-1.69	-1.75	-1.77	-1.79	-1.80	-1.80	-1.81
	-1.84	-1.86	-1.91	-1.96	-2.01	-2.06	-2.12	-2.17	-2.22	-2.28	-2.33	-2.41	-2.53	-2.69	-2.95
	-3.34	-3.65	-3.78	-3.62	-3.39	-3.65	-4.40	-4.86	-2.77	-1.62	-0.25				
30	-0.42	-0.75	-0.97	-1.12	-1.25	-1.37	-1.46	-1.53	-1.59	-1.63	-1.67	-1.69	-1.70	-1.72	-1.74
	-1.76	-1.80	-1.85	-1.90	-1.96	-2.03	-2.08	-2.13	-2.17	-2.20	-2.25	-2.32	-2.42	-2.56	-2.78
	-3.10	-3.38	-3.47	-3.37	-3.20	-3.05	-3.35	-3.95	-2.55	-1.52	-0.25				
31	-0.40	-0.71	-0.94	-1.09	-1.21	-1.31	-1.38	-1.44	-1.50	-1.53	-1.57	-1.60	-1.62	-1.64	-1.66
	-1.69	-1.73	-1.77	-1.82	-1.87	-1.93	-2.00	-2.05	-2.08	-2.12	-2.16	-2.22	-2.31	-2.43	-2.62
	-2.87	-3.09	-3.18	-3.14	-3.01	-2.89	-2.79	-3.19	-2.38	-1.43	-0.25				
32	-0.38	-0.68	-0.91	-1.05	-1.15	-1.24	-1.30	-1.36	-1.42	-1.45	-1.48	-1.52	-1.54	-1.56	-1.59
	-1.62	-1.65	-1.69	-1.73	-1.77	-1.81	-1.87	-1.91	-1.96	-2.00	-2.05	-2.11	-2.18	-2.29	-2.46
	-2.66	-2.84	-2.92	-2.94	-2.84	-2.73	-2.64	-2.52	-2.26	-1.33	-0.21				
33	-0.38	-0.66	-0.88	-1.01	-1.10	-1.18	-1.24	-1.29	-1.34	-1.38	-1.41	-1.43	-1.46	-1.49	-1.51
	-1.53	-1.56	-1.60	-1.63	-1.67	-1.70	-1.74	-1.78	-1.83	-1.88	-1.93	-1.99	-2.07	-2.16	-2.30
	-2.46	-2.61	-2.70	-2.75	-2.66	-2.57	-2.47	-2.21	-2.04	-1.24	-0.21				
34	-0.33	-0.63	-0.84	-0.96	-1.05	-1.12	-1.17	-1.22	-1.26	-1.31	-1.34	-1.36	-1.38	-1.41	-1.44
	-1.46	-1.48	-1.51	-1.54	-1.56	-1.59	-1.62	-1.66	-1.70	-1.76	-1.81	-1.88	-1.94	-2.02	-2.14
	-2.27	-2.39	-2.49	-2.55	-2.50	-2.42	-2.32	-2.13	-1.95	-1.17	-0.21				
35	-0.33	-0.60	-0.79	-0.91	-1.00	-1.07	-1.11	-1.15	-1.20	-1.24	-1.26	-1.29	-1.32	-1.34	-1.36
	-1.38	-1.40	-1.43	-1.45	-1.48	-1.50	-1.52	-1.56	-1.59	-1.63	-1.69	-1.75	-1.81	-1.88	-1.98
	-2.08	-2.20	-2.30	-2.38	-2.36	-2.28	-2.17	-2.02	-1.86	-1.04	-0.30				
36	-0.33	-0.56	-0.75	-0.86	-0.95	-1.01	-1.05	-1.10	-1.13	-1.16	-1.19	-1.22	-1.24	-1.27	-1.28
	-1.30	-1.33	-1.35	-1.37	-1.40	-1.42	-1.43	-1.46	-1.47	-1.49	-1.56	-1.63	-1.68	-1.74	-1.82
	-1.89	-2.00	-2.13	-2.21	-2.22	-2.14	-2.02	-1.88	-1.71	-0.93	-0.31				
37	-0.33	-0.54	-0.71	-0.81	-0.90	-0.96	-1.00	-1.04	-1.08	-1.10	-1.13	-1.16	-1.18	-1.19	-1.22
	-1.24	-1.26	-1.28	-1.30	-1.31	-1.33	-1.35	-1.36	-1.37	-1.39	-1.45	-1.51	-1.56	-1.61	-1.67
	-1.76	-1.86	-1.95	-2.06	-2.08	-2.01	-1.90	-1.76	-1.53	-0.86	-0.29				
38	-0.29	-0.51	-0.67	-0.77	-0.85	-0.90	-0.94	-0.98	-1.01	-1.04	-1.06	-1.09	-1.11	-1.13	-1.15
	-1.17	-1.19	-1.21	-1.22	-1.24	-1.26	-1.27	-1.28	-1.30	-1.32	-1.37	-1.42	-1.45	-1.49	-1.52
	-1.64	-1.72	-1.82	-1.92	-1.95	-1.88	-1.78	-1.63	-1.38	-0.82	-0.27				
39	-0.29	-0.48	-0.63	-0.72	-0.79	-0.85	-0.89	-0.92	-0.96	-0.99	-1.01	-1.03	-1.05	-1.07	-1.09
	-1.10	-1.12	-1.14	-1.15	-1.17	-1.17	-1.20	-1.20	-1.23	-1.25	-1.29	-1.33	-1.34	-1.39	-1.42
	-1.53	-1.63	-1.70	-1.79	-1.83	-1.77	-1.67	-1.52	-1.25	-0.77	-0.29				
40	-0.26	-0.46	-0.60	-0.69	-0.74	-0.80	-0.83	-0.86	-0.89	-0.92	-0.95	-0.97	-0.99	-1.01	-1.02
	-1.04	-1.05	-1.07	-1.09	-1.10	-1.11	-1.12	-1.14	-1.16	-1.19	-1.22	-1.25	-1.27	-1.32	-1.36
	-1.44	-1.53	-1.61	-1.68	-1.71	-1.66	-1.56	-1.41	-1.15	-0.72	-0.28				
41	-0.27	-0.42	-0.55	-0.63	-0.68	-0.74	-0.77	-0.80	-0.82	-0.85	-0.87	-0.89	-0.92	-0.93	-0.95
	-0.96	-0.97	-0.99	-1.00	-1.02	-1.02	-1.04	-1.05	-1.08	-1.11	-1.13	-1.15	-1.19	-1.23	-1.28
	-1.35	-1.42	-1.49	-1.55	-1.58	-1.54	-1.44	-1.30	-1.04	-0.67	-0.30				
42	-0.26	-0.39	-0.50	-0.57	-0.62	-0.66	-0.69	-0.73	-0.75	-0.77	-0.79	-0.81	-0.82	-0.84	-0.86
	-0.87	-0.89	-0.90	-0.92	-0.92	-0.94	-0.95	-0.96	-0.98	-1.00	-1.03	-1.05	-1.09	-1.13	-1.18
	-1.25	-1.31	-1.36	-1.42	-1.43	-1.40	-1.31	-1.17	-0.94	-0.62	-0.31				
43	-0.23	-0.35	-0.45	-0.50	-0.56	-0.59	-0.62	-0.65	-0.67	-0.70	-0.71	-0.72	-0.74	-0.76	-0.78
	-0.79	-0.80	-0.81	-0.82	-0.84	-0.85	-0.86	-0.88	-0.90	-0.91	-0.94	-0.96	-1.00	-1.04	-1.09
	-1.14	-1.20	-1.25	-1.29	-1.30	-1.27	-1.19	-1.07	-0.86	-0.59	-0.29				
44	-0.19	-0.32	-0.41	-0.46	-0.50	-0.53	-0.55	-0.58	-0.60	-0.62	-0.64	-0.64	-0.66	-0.67	-0.70
	-0.70	-0.72	-0.73	-0.75	-0.75	-0.77	-0.78	-0.80	-0.81	-0.83	-0.84	-0.88	-0.91	-0.95	-1.00
	-1.05	-1.11	-1.14	-1.17	-1.18	-1.15	-1.08	-0.98	-0.79	-0.56	-0.31				
45	-0.20	-0.29	-0.36	-0.40	-0.43	-0.46	-0.48	-0.50	-0.52	-0.53	-0.54	-0.56	-0.57	-0.59	-0.61
	-0.62	-0.63	-0.63	-0.65	-0.66	-0.67	-0.69	-0.70	-0.72	-0.73	-0.75	-0.78	-0.82	-0.85	-0.89
	-0.94	-0.98	-1.02	-1.04	-1.05	-1.03	-0.96	-0.87	-0.72	-0.53	-0.30				
46	-0.17	-0.24	-0.28	-0.32	-0.34	-0.35	-0.38	-0.39	-0.41	-0.42	-0.42	-0.43	-0.44	-0.46	-0.47
	-0.48	-0.49	-0.50	-0.51	-0.53	-0.54	-0.55	-0.56	-0.58	-0.60	-0.62	-0.65	-0.68	-0.70	-0.74
	-0.78	-0.82	-0.84	-0.86	-0.88	-0.86	-0.81	-0.75	-0.65	-0.51	-0.37				
47	-0.20	-0.19	-0.17	-0.21	-0.19	-0.18	-0.22	-0.22	-0.22	-0.21	-0.25	-0.26	-0.26	-0.30	-0.30
	-0.31	-0.30	-0.31	-0.35	-0.37	-0.37	-0.38	-0.39	-0.44	-0.45	-0.46	-0.48	-0.50	-0.52	-0.55
	-0.58	-0.64	-0.63	-0.69	-0.71	-0.68	-0.66	-0.62	-0.58	-0.48	-0.44				

DRAWDOWN IN LAYER 5 AT END OF TIME STEP 1 IN STRESS PERIOD 1

1	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	32	33	34	35	36	37	38	39	40	41				

1	0.04	0.01	-0.02	-0.01	0.02	-0.05	-0.02	0.02	0.01	-0.05	-0.06	-0.06	-0.07	-0.01	0.02
	0.06	0.07	0.06	0.06	0.02	-0.07	-0.03	0.05	-0.02	-0.01	0.03	0.19	0.21	-0.04	0.69
	-0.02	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00				
2	0.02	-0.61	-1.09	-1.45	-1.74	-1.98	-2.20	-2.50	-2.90	-3.42	-4.07	-4.83	-5.65	-5.74	-5.23
	-4.97	-5.04	-5.35	-5.79	-6.24	-5.74	-0.80	4.22	8.01	12.87	14.37	13.04	11.65	10.40	7.93
	5.44	3.91	10.73	20.94	2.53	999.00	999.00	999.00	999.00	999.00	999.00				
3	-0.03	-0.97	-1.80	-2.39	-2.83	-3.24	-3.60	-4.01	-4.50	-4.89	-5.22	-5.65	-6.08	-6.33	-6.45
	-6.50	-6.67	-6.96	-6.24	-2.22	3.54	8.71	13.07	17.10	19.89	19.24	19.49	17.93	16.19	14.13
	12.16	10.92	10.57	4.61	-2.15	1.04	9.87	5.86	999.00	999.00	999.00				
4	-0.07	-1.18	-2.13	-2.87	-3.38	-3.76	-4.09	-4.50	-5.00	-5.51	-6.05	-6.62	-7.24	-7.45	-7.33
	-7.20	-6.80	-5.77	-3.38	0.82	5.99	11.36	14.53	16.23	17.64	18.58	18.84	18.72	18.64	18.41
	16.75	14.22	11.33	7.06	-4.34	-3.08	3.49	2.20	-0.13	1.36	999.00				
5	-0.07	-1.31	-2.26	-2.93	-3.48	-3.93	-4.28	-4.64	-5.03	-5.43	-5.85	-6.28	-6.69	-7.09	-7.46
	-7.78	-8.03	-8.13	-8.02	-8.01	-7.36	-1.10	6.75	11.54	14.49	16.67	18.59	19.71	19.88	19.94
	18.90	15.99	11.06	0.96	-1.44	-1.04	-2.10	-0.92	-0.12	1.00	0.04				
6	-0.02	-1.34	-2.33	-2.97	-3.50	-3.93	-4.27	-4.61	-4.95	-5.30	-5.68	-6.04	-6.39	-6.71	-6.99
	-7.24	-7.41	-7.51	-7.53	-7.50	-7.50	-5.19	-1.30	1.63	3.73	5.32	7.07	13.24	18.02	21.14
	22.62	22.24	18.51	11.70	0.37	-3.01	-3.28	-3.74	-0.89	0.28	0.01				
7	-0.06	-1.38	-2.38	-3.02	-3.52	-3.93	-4.26	-4.58	-4.90	-5.24	-5.55	-5.87	-6.16	-6.44	-6.67
	-6.87	-7.02	-7.09	-7.08	-6.95	-6.85	-4.08	-0.68	1.49	3.05	4.25	5.70	11.86	17.05	21.12
	24.17	25.95	24.78	20.61	-2.90	-3.23	-3.82	-5.18	-2.47	-0.71	0.10				
8	-0.02	-1.43	-2.45	-3.10	-3.58	-3.96	-4.26	-4.56	-4.86	-5.16	-5.46	-5.73	-6.00	-6.24	-6.46
	-6.66	-6.82	-6.94	-6.98	-6.96	-7.01	-5.87	-4.63	-4.37	-3.96	-3.54	-3.06	-1.32	0.70	2.50
	3.81	4.46	4.26	2.84	-2.95	-3.21	-4.68	-8.99	-5.12	-4.39	0.17				
9	0.00	-1.50	-2.49	-3.11	-3.60	-3.99	-4.27	-4.53	-4.80	-5.07	-5.35	-5.62	-5.87	-6.12	-6.34
	-6.55	-6.73	-6.89	-7.00	-7.08	-7.21	-7.42	-7.52	-7.57	-7.58	-7.59	-7.61	-7.72	-7.63	-7.38
	-6.89	-6.35	-5.80	-5.03	-4.99	-4.48	-5.75	-11.75	-11.81	-13.82	0.07				
10	0.02	-1.53	-2.51	-3.10	-3.55	-3.91	-4.21	-4.47	-4.70	-4.95	-5.20	-5.45	-5.70	-5.95	-6.17
	-6.39	-6.58	-6.76	-6.93	-7.08	-7.21	-7.34	-7.43	-7.49	-7.53	-7.57	-7.60	-7.62	-7.56	-7.36
	-6.99	-6.53	-6.08	-5.57	-5.32	-5.61	-7.04	-11.10	-11.12	-13.00	0.05				
11	0.02	-1.57	-2.55	-3.11	-3.53	-3.86	-4.13	-4.39	-4.63	-4.85	-5.08	-5.32	-5.56	-5.79	-6.03
	-6.23	-6.44	-6.64	-6.81	-6.97	-7.12	-7.26	-7.37	-7.44	-7.50	-7.54	-7.58	-7.58	-7.54	-7.39
	-7.08	-6.68	-6.28	-5.92	-5.51	-5.59	-7.02	-10.27	-10.30	-12.17	0.09				
12	-0.01	-1.61	-2.60	-3.12	-3.52	-3.82	-4.07	-4.31	-4.54	-4.76	-4.97	-5.20	-5.42	-5.66	-5.88
	-6.09	-6.29	-6.49	-6.68	-6.84	-7.00	-7.14	-7.28	-7.39	-7.47	-7.55	-7.56	-7.57	-7.54	-7.43
	-7.16	-6.78	-6.39	-6.02	-5.51	-5.23	-6.60	-9.25	-9.50	-11.52	0.04				
13	-0.03	-1.64	-2.64	-3.14	-3.51	-3.79	-4.02	-4.24	-4.45	-4.65	-4.86	-5.07	-5.30	-5.52	-5.73
	-5.92	-6.12	-6.31	-6.51	-6.70	-6.86	-7.00	-7.14	-7.30	-7.41	-7.51	-7.54	-7.55	-7.54	-7.46
	-7.23	-6.86	-6.46	-6.02	-5.44	-5.02	-5.99	-8.04	-8.53	-10.20	0.00				
14	-0.05	-1.67	-2.68	-3.15	-3.49	-3.76	-3.96	-4.16	-4.36	-4.55	-4.75	-4.94	-5.15	-5.38	-5.56
	-5.74	-5.93	-6.12	-6.32	-6.51	-6.70	-6.82	-6.94	-7.08	-7.27	-7.38	-7.46	-7.51	-7.53	-7.48
	-7.26	-6.91	-6.51	-5.99	-5.35	-4.86	-5.37	-6.81	-7.47	-9.18	-0.01				
15	-0.05	-1.68	-2.68	-3.14	-3.47	-3.71	-3.90	-4.09	-4.27	-4.44	-4.63	-4.80	-4.99	-5.19	-5.37
	-5.51	-5.69	-5.87	-6.07	-6.27	-6.47	-6.64	-6.74	-6.85	-7.01	-7.19	-7.35	-7.46	-7.51	-7.48
	-7.28	-6.93	-6.50	-5.94	-5.22	-4.67	-4.80	-5.75	-6.40	-8.34	-0.05				
16	-0.01	-1.71	-2.65	-3.12	-3.44	-3.66	-3.83	-4.01	-4.18	-4.33	-4.49	-4.66	-4.83	-5.01	-5.16
	-5.28	-5.42	-5.58	-5.77	-5.96	-6.15	-6.36	-6.52	-6.67	-6.80	-6.98	-7.20	-7.36	-7.47	-7.46
	-7.28	-6.92	-6.47	-5.85	-5.06	-4.47	-4.33	-4.73	-5.63	-7.49	0.04				
17	-0.05	-1.67	-2.59	-3.06	-3.39	-3.59	-3.76	-3.93	-4.09	-4.23	-4.37	-4.51	-4.66	-4.81	-4.95
	-5.05	-5.16	-5.31	-5.46	-5.64	-5.82	-6.02	-6.22	-6.41	-6.61	-6.80	-7.02	-7.22	-7.40	-7.44
	-7.24	-6.87	-6.40	-5.73	-4.88	-4.24	-3.98	-4.08	-4.83	-6.65	0.02				
18	-0.03	-1.63	-2.52	-2.99	-3.32	-3.52	-3.68	-3.83	-3.99	-4.12	-4.24	-4.37	-4.51	-4.63	-4.73
	-4.82	-4.92	-5.04	-5.17	-5.33	-5.50	-5.69	-5.89	-6.09	-6.30	-6.53	-6.80	-7.03	-7.17	-7.34
	-7.16	-6.78	-6.29	-5.60	-4.67	-3.99	-3.65	-3.60	-4.01	-5.87	-0.09				
19	-0.05	-1.59	-2.41	-2.86	-3.20	-3.44	-3.58	-3.74	-3.88	-4.01	-4.12	-4.23	-4.34	-4.45	-4.53
	-4.60	-4.69	-4.79	-4.91	-5.04	-5.20	-5.37	-5.55	-5.77	-5.98	-6.20	-6.48	-6.79	-6.96	-7.21
	-7.06	-6.66	-6.14	-5.41	-4.41	-3.71	-3.32	-3.17	-3.32	-5.24	-0.03				
20	0.02	-1.51	-2.28	-2.70	-3.03	-3.29	-3.47	-3.64	-3.78	-3.90	-4.01	-4.09	-4.19	-4.27	-4.33
	-4.40	-4.48	-4.56	-4.67	-4.79	-4.93	-5.07	-5.20	-5.44	-5.64	-5.84	-6.10	-6.44	-6.75	-7.05
	-6.87	-6.46	-5.94	-5.16	-4.14	-3.42	-3.01	-2.75	-2.72	-4.44	-0.05				
21	0.02	-1.43	-2.15	-2.53	-2.84	-3.11	-3.32	-3.51	-3.67	-3.79	-3.89	-3.96	-4.04	-4.10	-4.16
	-4.22	-4.27	-4.35	-4.45	-4.57	-4.69	-4.83	-4.95	-5.13	-5.29	-5.46	-5.68	-6.02	-6.39	-6.77
	-6.59	-6.21	-5.67	-4.91	-3.92	-3.19	-2.71	-2.35	-2.32	-3.88	-0.02				
22	0.02	-1.34	-1.99	-2.34	-2.63	-2.91	-3.16	-3.37	-3.54	-3.67	-3.77	-3.84	-3.89	-3.94	-3.99
	-4.03	-4.09	-4.14	-4.23	-4.34	-4.46	-4.57	-4.68	-4.81	-4.94	-5.08	-5.26	-5.53	-5.88	-6.30
	-6.19	-5.84	-5.34	-4.65	-3.72	-2.97	-2.42	-2.09	-2.04	-3.48	-0.01				
23	0.03	-1.25	-1.83	-2.12	-2.40	-2.72	-3.00	-3.24	-3.42	-3.56	-3.65	-3.71	-3.74	-3.78	-3.81
	-3.85	-3.88	-3.94	-4.00	-4.10	-4.20	-4.30	-4.38	-4.48	-4.58	-4.68	-4.83	-5.02	-5.29	-5.63
	-5.62	-5.36	-4.96	-4.39	-3.57	-2.77	-2.22	-1.83	-1.83	-2.95	-0.03				
24	0.00	-1.15	-1.66	-1.93	-2.17	-2.53	-2.84	-3.10	-3.29	-3.42	-3.51	-3.55	-3.59	-3.61	-3.63

		-3.65	-3.68	-3.70	-3.74	-3.82	-3.91	-3.99	-4.05	-4.13	-4.21	-4.29	-4.40	-4.51	-4.64	-4.78
		-4.97	-4.85	-4.57	-4.13	-3.43	-2.62	-2.10	-1.70	-1.71	-2.49	-0.02				
	25	0.02	-1.05	-1.50	-1.71	-1.87	-2.33	-2.67	-2.96	-3.15	-3.27	-3.35	-3.40	-3.41	-3.42	-3.43
		-3.44	-3.46	-3.47	-3.48	-3.51	-3.57	-3.64	-3.70	-3.77	-3.85	-3.91	-4.00	-4.04	-4.04	-4.05
		-4.34	-4.35	-4.19	-3.87	-3.33	-2.52	-1.99	-1.60	-1.65	-2.08	-0.03				
	26	0.04	-0.95	-1.37	-1.51	-1.81	-2.17	-2.51	-2.81	-3.00	-3.11	-3.17	-3.21	-3.23	-3.23	-3.24
		-3.23	-3.23	-3.23	-3.23	-3.24	-3.26	-3.32	-3.38	-3.45	-3.52	-3.58	-3.63	-3.64	-3.59	-3.57
		-3.76	-3.89	-3.84	-3.64	-3.17	-2.47	-1.91	-1.51	-1.61	-1.74	-0.01				
	27	-0.04	-0.87	-1.29	-1.49	-1.76	-2.07	-2.36	-2.63	-2.81	-2.92	-2.98	-3.03	-3.05	-3.05	-3.04
		-3.04	-3.03	-3.03	-3.05	-3.05	-3.07	-3.12	-3.16	-3.21	-3.26	-3.29	-3.32	-3.30	-3.26	-3.24
		-3.37	-3.53	-3.53	-3.38	-2.92	-2.37	-1.88	-1.53	-1.57	-1.51	0.01				
	28	-0.03	-0.80	-1.22	-1.45	-1.71	-1.97	-2.23	-2.45	-2.62	-2.73	-2.79	-2.83	-2.85	-2.85	-2.86
		-2.86	-2.86	-2.86	-2.88	-2.93	-2.97	-3.01	-3.03	-3.04	-3.06	-3.06	-3.07	-3.04	-2.99	-2.96
		-3.07	-3.23	-3.25	-3.10	-2.69	-2.21	-1.82	-1.58	-1.54	-1.34	0.00				
	29	-0.03	-0.75	-1.16	-1.42	-1.66	-1.90	-2.10	-2.29	-2.43	-2.53	-2.59	-2.64	-2.66	-2.68	-2.68
		-2.69	-2.70	-2.71	-2.74	-2.80	-2.86	-2.91	-2.92	-2.91	-2.89	-2.87	-2.85	-2.81	-2.76	-2.74
		-2.80	-2.93	-2.97	-2.85	-2.48	-2.06	-1.71	-1.56	-1.52	-1.24	0.02				
	30	-0.03	-0.70	-1.11	-1.37	-1.60	-1.81	-1.98	-2.13	-2.26	-2.35	-2.41	-2.45	-2.48	-2.50	-2.51
		-2.52	-2.54	-2.55	-2.59	-2.64	-2.72	-2.80	-2.81	-2.78	-2.73	-2.70	-2.67	-2.62	-2.56	-2.54
		-2.59	-2.68	-2.75	-2.65	-2.31	-1.94	-1.62	-1.50	-1.53	-1.19	-0.01				
	31	-0.03	-0.64	-1.07	-1.32	-1.54	-1.72	-1.86	-1.99	-2.10	-2.18	-2.24	-2.28	-2.31	-2.33	-2.35
		-2.37	-2.39	-2.40	-2.42	-2.46	-2.53	-2.60	-2.63	-2.61	-2.58	-2.53	-2.49	-2.45	-2.42	-2.39
		-2.42	-2.47	-2.54	-2.46	-2.16	-1.83	-1.56	-1.46	-1.55	-1.16	-0.03				
	32	-0.03	-0.61	-1.02	-1.27	-1.46	-1.62	-1.75	-1.86	-1.96	-2.02	-2.07	-2.12	-2.14	-2.17	-2.19
		-2.22	-2.23	-2.24	-2.25	-2.26	-2.29	-2.35	-2.39	-2.40	-2.39	-2.35	-2.31	-2.29	-2.27	-2.26
		-2.27	-2.32	-2.36	-2.33	-2.04	-1.76	-1.49	-1.41	-1.60	-1.16	-0.02				
	33	-0.04	-0.57	-0.98	-1.21	-1.38	-1.54	-1.64	-1.74	-1.82	-1.88	-1.93	-1.96	-1.99	-2.01	-2.04
		-2.07	-2.08	-2.09	-2.09	-2.08	-2.08	-2.11	-2.16	-2.19	-2.20	-2.18	-2.15	-2.14	-2.15	-2.14
		-2.17	-2.19	-2.22	-2.21	-1.96	-1.70	-1.46	-1.40	-1.62	-1.17	-0.04				
	34	0.04	-0.54	-0.92	-1.15	-1.31	-1.44	-1.53	-1.62	-1.69	-1.74	-1.78	-1.82	-1.84	-1.86	-1.89
		-1.92	-1.94	-1.95	-1.94	-1.93	-1.92	-1.93	-1.96	-2.00	-2.02	-2.03	-2.03	-2.01	-2.01	-2.02
		-2.04	-2.08	-2.12	-2.09	-1.90	-1.67	-1.42	-1.40	-1.62	-1.20	-0.01				
	35	0.02	-0.50	-0.86	-1.08	-1.23	-1.35	-1.43	-1.50	-1.56	-1.61	-1.65	-1.68	-1.71	-1.72	-1.75
		-1.77	-1.80	-1.82	-1.82	-1.80	-1.79	-1.79	-1.81	-1.83	-1.85	-1.87	-1.89	-1.88	-1.88	-1.89
		-1.90	-1.97	-2.01	-1.99	-1.84	-1.62	-1.40	-1.39	-1.62	-1.22	0.03				
	36	-0.02	-0.47	-0.80	-1.00	-1.15	-1.26	-1.33	-1.39	-1.45	-1.49	-1.53	-1.56	-1.58	-1.60	-1.63
		-1.64	-1.66	-1.67	-1.68	-1.68	-1.67	-1.66	-1.66	-1.66	-1.65	-1.71	-1.76	-1.76	-1.75	-1.75
		-1.77	-1.84	-1.89	-1.88	-1.76	-1.55	-1.36	-1.38	-1.65	-1.22	-0.01				
	37	-0.05	-0.43	-0.74	-0.93	-1.07	-1.16	-1.23	-1.29	-1.34	-1.38	-1.41	-1.44	-1.47	-1.49	-1.50
		-1.52	-1.54	-1.54	-1.54	-1.55	-1.54	-1.53	-1.52	-1.51	-1.50	-1.58	-1.63	-1.64	-1.64	-1.63
		-1.66	-1.71	-1.76	-1.76	-1.67	-1.48	-1.31	-1.35	-1.56	-1.09	-0.01				
	38	0.02	-0.39	-0.69	-0.86	-0.97	-1.07	-1.13	-1.19	-1.24	-1.27	-1.31	-1.33	-1.36	-1.38	-1.40
		-1.41	-1.42	-1.43	-1.42	-1.42	-1.41	-1.41	-1.39	-1.41	-1.41	-1.46	-1.51	-1.52	-1.53	-1.51
		-1.55	-1.60	-1.65	-1.66	-1.57	-1.42	-1.24	-1.33	-1.42	-0.96	-0.02				
	39	-0.01	-0.36	-0.63	-0.79	-0.90	-0.98	-1.04	-1.09	-1.15	-1.18	-1.21	-1.24	-1.26	-1.28	-1.29
		-1.30	-1.31	-1.31	-1.31	-1.30	-1.30	-1.30	-1.27	-1.30	-1.33	-1.36	-1.39	-1.38	-1.41	-1.41
		-1.45	-1.50	-1.54	-1.55	-1.46	-1.37	-1.19	-1.23	-1.26	-0.83	-0.04				
	40	0.04	-0.32	-0.58	-0.72	-0.82	-0.90	-0.96	-1.01	-1.05	-1.09	-1.13	-1.16	-1.17	-1.18	-1.20
		-1.20	-1.20	-1.21	-1.21	-1.20	-1.20	-1.19	-1.19	-1.21	-1.24	-1.26	-1.28	-1.29	-1.32	-1.33
		-1.36	-1.39	-1.43	-1.44	-1.36	-1.27	-1.11	-1.12	-1.11	-0.71	0.00				
	41	0.01	-0.29	-0.51	-0.65	-0.74	-0.81	-0.86	-0.91	-0.96	-0.98	-1.01	-1.03	-1.06	-1.07	-1.08
		-1.08	-1.09	-1.09	-1.08	-1.08	-1.08	-1.07	-1.08	-1.09	-1.11	-1.13	-1.15	-1.18	-1.20	-1.22
		-1.24	-1.27	-1.30	-1.29	-1.23	-1.15	-1.00	-0.99	-0.95	-0.59	0.00				
	42	-0.03	-0.26	-0.45	-0.56	-0.65	-0.72	-0.77	-0.81	-0.85	-0.87	-0.89	-0.91	-0.92	-0.93	-0.95
		-0.96	-0.96	-0.95	-0.95	-0.94	-0.95	-0.95	-0.95	-0.97	-0.98	-0.99	-1.01	-1.03	-1.05	-1.08
		-1.11	-1.13	-1.14	-1.13	-1.07	-1.00	-0.87	-0.83	-0.77	-0.48	-0.01				
	43	0.01	-0.23	-0.40	-0.50	-0.58	-0.63	-0.67	-0.71	-0.73	-0.76	-0.78	-0.78	-0.80	-0.81	-0.82
		-0.82	-0.83	-0.82	-0.82	-0.82	-0.81	-0.82	-0.82	-0.83	-0.84	-0.86	-0.87	-0.88	-0.91	-0.94
		-0.97	-0.99	-0.99	-0.98	-0.93	-0.85	-0.74	-0.68	-0.61	-0.40	0.03				
	44	0.05	-0.21	-0.36	-0.44	-0.50	-0.55	-0.58	-0.61	-0.63	-0.65	-0.66	-0.67	-0.69	-0.69	-0.70
		-0.71	-0.71	-0.71	-0.70	-0.70	-0.69	-0.69	-0.69	-0.70	-0.71	-0.72	-0.74	-0.75	-0.78	-0.81
		-0.83	-0.84	-0.85	-0.83	-0.78	-0.71	-0.62	-0.54	-0.47	-0.32	-0.03				
	45	-0.01	-0.17	-0.31	-0.37	-0.42	-0.45	-0.48	-0.50	-0.52	-0.53	-0.54	-0.55	-0.55	-0.56	-0.58
		-0.58	-0.57	-0.56	-0.55	-0.54	-0.54	-0.53	-0.54	-0.55	-0.56	-0.56	-0.58	-0.59	-0.62	-0.64
		-0.66	-0.67	-0.67	-0.65	-0.61	-0.54	-0.46	-0.40	-0.32	-0.22	0.01				
	46	0.03	-0.10	-0.19	-0.24	-0.28	-0.29	-0.32	-0.33	-0.34	-0.35	-0.36	-0.36	-0.36	-0.36	-0.35
		-0.34	-0.34	-0.33	-0.32	-0.32	-0.31	-0.31	-0.32	-0.33	-0.33	-0.34	-0.35	-0.35	-0.37	-0.38
		-0.40	-0.40	-0.38	-0.39	-0.35	-0.30	-0.24	-0.20	-0.17	-0.10	0.01				
	47	-0.05	-0.02	0.02	-0.04	0.00	0.03	-0.05	-0.02	0.01	0.03	-0.04	-0.01	0.01	-0.06	-0.03
		-0.01	0.02	0.03	-0.04	-0.02	0.00	0.01	0.02	-0.06	-0.05	-0.04	-0.04	-0.03	-0.03	-0.03
		-0.04	-0.06	0.01	-0.04	-0.05	-0.01	0.01	0.02	-0.04	-0.01	-0.05				

VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 1 IN STRESS PERIOD 1

CUMULATIVE VOLUMES	L**3	RATES FOR THIS TIME STEP	L**3/T
IN:		IN:	
STORAGE =	0.00000E+00	STORAGE =	0.00000E+00
CONSTANT HEAD =	53199.	CONSTANT HEAD =	53199.
WELLS =	0.00000E+00	WELLS =	0.00000E+00
DRAINS =	0.00000E+00	DRAINS =	0.00000E+00
RECHARGE =	0.86505E+06	RECHARGE =	0.86505E+06
RIVER LEAKAGE =	1675.7	RIVER LEAKAGE =	1675.7
HEAD DEP BOUNDS =	0.17965E+06	HEAD DEP BOUNDS =	0.17965E+06
TOTAL IN =	0.10996E+07	TOTAL IN =	0.10996E+07
OUT:		OUT:	
STORAGE =	0.00000E+00	STORAGE =	0.00000E+00
CONSTANT HEAD =	0.72207E+06	CONSTANT HEAD =	0.72207E+06
WELLS =	0.00000E+00	WELLS =	0.00000E+00
DRAINS =	31917.	DRAINS =	31917.
RECHARGE =	0.00000E+00	RECHARGE =	0.00000E+00
RIVER LEAKAGE =	0.20492E+06	RIVER LEAKAGE =	0.20492E+06
HEAD DEP BOUNDS =	0.13955E+06	HEAD DEP BOUNDS =	0.13955E+06
TOTAL OUT =	0.10985E+07	TOTAL OUT =	0.10985E+07
IN - OUT =	1103.0	IN - OUT =	1103.0
PERCENT DISCREPANCY =	0.10	PERCENT DISCREPANCY =	0.1

TIME SUMMARY AT END OF TIME STEP 1 IN STRESS PERIOD 1

TIME STEP LENGTH =	1.00000
STRESS PERIOD TIME =	1.00000
TOTAL SIMULATION TIME =	1.00000

Appendix C: MODFLOW Input Files

```
MODMAN TEST PROBLEM (canal creek for 10 ppb capture)
   1(MODE)       .01       .01      0.01    0.0005       0.0         1(LVLOUT)
SET1   TIME PARAMETERS
          1         1.         1       1.0
SET2   WELL INFORMATION
 110  55  55
          1         3        24        14  0.00E+00   NOTE: All 55 locations specified as unmanaged
          2         3        24        15  0.00E+00         wells so that tests for nonlinearities
          3         3        24        16  0.00E+00         can be easily performed.
          4         3        25        14  0.00E+00                A
          5         3        25        15  0.00E+00
          6         3        25        16  0.00E+00
          7         3        25        17  0.00E+00
          8         3        26        14  0.00E+00                B
          9         3        26        15  0.00E+00
         10         3        26        16  0.00E+00
         11         3        26        17  0.00E+00
         12         3        26        18  0.00E+00
         13         3        27        14  0.00E+00                C
         14         3        27        15  0.00E+00
         15         3        27        16  0.00E+00
         16         3        27        17  0.00E+00
         17         3        27        18  0.00E+00
         18         3        28        15  0.00E+00                D
         19         3        28        16  0.00E+00
         20         3        28        17  0.00E+00
         21         3        28        18  0.00E+00
         22         3        28        19  0.00E+00
         23         3        29        15  0.00E+00                E
         24         3        29        16  0.00E+00
         25         3        29        17  0.00E+00
         26         3        29        18  0.00E+00
         27         3        29        19  0.00E+00
         28         3        29        20  0.00E+00
         29         3        30        15  0.00E+00                F
         30         3        30        16  0.00E+00
         31         3        30        17  0.00E+00
         32         3        30        18  0.00E+00
         33         3        30        19  0.00E+00
         34         3        30        20  0.00E+00
         35         3        31        15  0.00E+00                G
         36         3        31        16  0.00E+00                H
         37         3        31        17  0.00E+00
         38         3        31        18  0.00E+00
         39         3        31        19  0.00E+00
         40         3        31        20  0.00E+00
         41         3        31        21  0.00E+00
         42         3        32        16  0.00E+00
         43         3        32        17  0.00E+00                J
         44         3        32        18  0.00E+00
         45         3        32        19  0.00E+00
         46         3        32        20  0.00E+00
         47         3        32        21  0.00E+00
         48         3        33        17  0.00E+00
         49         3        33        18  0.00E+00                K
         50         3        33        19  0.00E+00                L
         51         3        33        20  0.00E+00
         52         3        33        21  0.00E+00
         53         3        34        19  0.00E+00                M
         54         3        34        20  0.00E+00
         55         3        34        21  0.00E+00                N
         56         3        24        14          -0.10E+05
         57         3        24        15          -0.10E+05
         58         3        24        16          -0.10E+05
         59         3        25        14          -0.10E+05       A
         60         3        25        15          -0.10E+05
         61         3        25        16          -0.10E+05
         62         3        25        17          -0.10E+05
         63         3        26        14          -0.10E+05       B
         64         3        26        15          -0.10E+05
         65         3        26        16          -0.10E+05
         66         3        26        17          -0.10E+05
         67         3        26        18          -0.10E+05
         68         3        27        14          -0.10E+05       C
         69         3        27        15          -0.10E+05
         70         3        27        16          -0.10E+05
         71         3        27        17          -0.10E+05
         72         3        27        19          -0.10E+05
         73         3        28        15          -0.10E+05       D
         74         3        28        16          -0.10E+05
         75         3        28        17          -0.10E+05
         76         3        28        18          -0.10E+05
         77         3        28        19          -0.10E+05
         78         3        29        15          -0.10E+05       E
         79         3        29        16          -0.10E+05
         80         3        29        17          -0.10E+05
         81         3        29        18          -0.10E+05
         82         3        29        19          -0.10E+05
         83         3        29        20          -0.10E+05
         84         3        30        15          -0.10E+05       F
         85         3        30        16          -0.10E+05
         86         3        30        17          -0.10E+05
         87         3        30        18          -0.10E+05
         88         3        30        19          -0.10E+05
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                    89          3          30          20          -0.10E+05
                    90          3          31          15          -0.10E+05    G
                    91          3          31          16          -0.10E+05    H
                    92          3          31          17          -0.10E+05
                    93          3          31          18          -0.10E+05
                    94          3          31          19          -0.10E+05
                    95          3          31          20          -0.10E+05
                    96          3          31          21          -0.10E+05
                    97          3          32          16          -0.10E+05
                    98          3          32          17          -0.10E+05    J
                    99          3          32          18          -0.10E+05
                   100          3          32          19          -0.10E+05
                   101          3          32          20          -0.10E+05
                   102          3          32          21          -0.10E+05
                   103          3          33          17          -0.10E+05
                   104          3          33          18          -0.10E+05    K
                   105          3          33          19          -0.10E+05    L
                   106          3          33          20          -0.10E+05
                   107          3          33          21          -0.10E+05
                   108          3          34          19          -0.10E+05    M
                   109          3          34          20          -0.10E+05
                   110          3          34          21          -0.10E+05    N
               1        56          M          -0.34E+05          0.
               1        57          M          -0.34E+05          0.
               1        58          M          -0.34E+05          0.
               1        59          M          -0.34E+05          0.
               1        60          M          -0.34E+05          0.
               1        61          M          -0.34E+05         0.
               1        62          M          -0.34E+05         0.
               1        63          M          -0.34E+05         0.
               1        64          M          -0.34E+05         0.
               1        65          M          -0.34E+05         0.
               1        66          M          -0.34E+05         0.
               1        67          M          -0.34E+05          0.
               1        68          M          -0.34E+05          0.
               1        69          M          -0.34E+05          0.
               1        70          M          -0.34E+05          0.
               1        71          M          -0.34E+05         0.
               1        72          M          -0.34E+05         0.
               1        73          M          -0.34E+05         0.
               1        74          M          -0.34E+05         0.
               1        75          M          -0.34E+05         0.
               1        76          M          -0.34E+05         0.
               1        77          M          -0.34E+05          0.
               1        78          M          -0.34E+05          0.
               1        79          M          -0.34E+05          0.
               1        80          M          -0.34E+05          0.
               1        81          M          -0.34E+05         0.
               1        82          M          -0.34E+05         0.
               1        83          M          -0.34E+05         0.
               1        84          M          -0.34E+05         0.
               1        85          M          -0.34E+05         0.
               1        86          M          -0.34E+05         0.
               1        87          M          -0.34E+05          0.
               1        88          M          -0.34E+05          0.
               1        89          M          -0.34E+05          0.
               1        90          M          -0.34E+05          0.
               1        91          M          -0.34E+05         0.
               1        92          M          -0.34E+05         0.
               1        93          M          -0.34E+05         0.
               1        94          M          -0.34E+05         0.
               1        95          M          -0.34E+05         0.
               1        96          M          -0.34E+05         0.
               1        97          M          -0.34E+05          0.
               1        98          M          -0.34E+05          0.
               1        99          M          -0.34E+05          0.
               1       100          M          -0.34E+05          0.
               1       101          M          -0.34E+05         0.
               1       102          M          -0.34E+05         0.
               1       103          M          -0.34E+05         0.
               1       104          M          -0.34E+05         0.
               1       105          M          -0.34E+05         0.
               1       106          M          -0.34E+05         0.
               1       107          M          -0.34E+05          0.
               1       108          M          -0.34E+05          0.
               1       109          M          -0.34E+05          0.
               1       110          M          -0.34E+05          0.
SET3   CONTROL NODES
 123
                1          3          21          13
                2          3          21          14
                3          3          21          15
                4          3          21          16
                5          3          21          17
                6          3          21          18
                7          3          21          19
                8          3          21          20
                9          3          22          13
               10          3          22          14
               11          3          22          15
               12          3          22          16
               13          3          22          17
               14          3          22          18
               15          3          22          19
               16          3          23          13
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190	17	3	23	14	
191	18	3	23	15	
192	19	3	23	16	
193	20	3	23	17	
194	21	3	23	18	
195	22	3	23	19	
196	23	3	24	12	
197	24	3	24	13	
198	25	3	24	14	
199	26	3	24	15	
200	27	3	24	16	
201	28	3	25	12	
202	29	3	25	13	
203	30	3	25	14	loc. A
204	31	3	25	15	
205	32	3	25	16	
206	33	3	26	12	
207	34	3	26	13	
208	35	3	26	14	loc. B
209	36	3	26	15	
210	37	3	26	16	
211	38	3	26	17	
212	39	3	26	18	
213	40	3	27	12	
214	41	3	27	13	
215	42	3	27	14	C
216	43	3	27	15	
217	44	3	27	16	
218	45	3	27	17	
219	46	3	27	18	
220	47	3	28	12	
221	48	3	28	13	
222	49	3	28	14	
223	50	3	28	15	D
224	51	3	28	16	
225	52	3	28	17	
226	53	3	28	18	
227	54	3	28	19	
228	55	3	29	12	
229	56	3	29	13	
230	57	3	29	14	
231	58	3	29	15	E
232	59	3	29	16	
233	60	3	29	17	
234	61	3	29	18	
235	62	3	29	19	
236	63	3	29	20	
237	64	3	30	13	
238	65	3	30	14	
239	66	3	30	15	F
240	67	3	30	16	
241	68	3	30	17	
242	69	3	30	18	
243	70	3	30	19	
244	71	3	30	20	
245	72	3	30	21	
246	73	3	31	13	
247	74	3	31	14	
248	75	3	31	15	G
249	76	3	31	16	H
250	77	3	31	17	
251	78	3	31	18	
252	79	3	31	19	
253	80	3	31	20	
254	81	3	31	21	
255	82	3	31	22	
256	83	3	32	14	
257	84	3	32	15	
258	85	3	32	16	
259	86	3	32	17	J
260	87	3	32	18	
261	88	3	32	19	
262	89	3	32	20	
263	90	3	32	21	
264	91	3	32	22	
265	92	3	32	23	
266	93	3	33	15	
267	94	3	33	16	
268	95	3	33	17	
269	96	3	33	18	K
270	97	3	33	19	L
271	98	3	33	20	
272	99	3	33	21	
273	100	3	33	22	
274	101	3	33	23	
275	102	3	34	16	
276	103	3	34	17	
277	104	3	34	18	
278	105	3	34	19	M
279	106	3	34	20	
280	107	3	34	21	N
281	108	3	34	22	
282	109	3	34	23	
283	110	3	35	17	
284	111	3	35	18	

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                112          3         35         19
                113          3         35         20
                114          3         35         21
                115          3         35         22
                116          3         24         17
                117          3         36         19
                118          3         36         20
                119          3         36         21
                120          3         36         22
                121          3         36         23
                122          3         35         23
                123          3         25         17
SET4    HEAD LIMITS
  55
                  1          1         25       -15.        8.
                  2          1         26       -15.        8.
                  3          1         27       -15.        8.
                  4          1         30       -15.        8.  site A
                  5          1         31       -15.        8.
                  6          1         32       -15.        8.
                  7          1        123       -15.        8.
                  8          1         35       -15.        8.       B
                  9          1         36       -15.        8.
                 10          1         37       -15.        8.
                 11          1         38       -15.        8.
                 12          1         39       -15.        8.
                 13          1         42       -15.        8.       C
                 14          1         43       -15.        8.
                 15          1         44       -15.        8.
                 16          1         45       -15.        8.
                 17          1         46       -15.        8.
                 18          1         50       -15.        8.       D
                 19          1         51       -15.        8.
                 20          1         52       -15.        8.
                 21          1         53       -15.        8.
                 22          1         54       -15.        8.
                 23          1         58       -15.        8.       E
                 24          1         59       -15.        8.
                 25          1         60       -18.        8.
                 26          1         61       -18.        8.
                 27          1         62       -18.        8.
                 28          1         63       -18.        8.
                 29          1         66       -20.        8.     F
                 30          1         67       -20.        8.
                 31          1         68       -20.        8.
                 32          1         69       -20.        8.
                 33          1         70       -20.        8.
                 34          1         71       -20.        8.
                 35          1         75       -20.        8.    G
                 36          1         76       -20.        8.    H
                 37          1         77       -20.        8.
                 38          1         78       -20.        8.
                 39          1         79       -22.        8.
                 40          1         80       -22.        8.
                 41          1         81       -22.        8.
                 42          1         85       -22.        8.
                 43          1         86       -25.        8.    J
                 44          1         87       -25.        8.
                 45          1         88       -25.        8.
                 46          1         89       -25.        8.
                 47          1         90       -25.        8.
                 48          1         95       -25.        8.
                 49          1         96       -25.        8.   K
                 50          1         97       -30.        8.   L
                 51          1         98       -30.        8.
                 52          1         99       -30.        8.
                 53          1        105       -30.        8.   M
                 54          1        106       -30.        8.
                 55          1        107       -40.        8.   N
SET5    HEAD DIFFERENCE LIMITS
   0
SET6    DRAWDOWN LIMITS
  55
                  1          1         25         M      -50.        9.
                  2          1         26         M      -50.        9.
                  3          1         27         M      -50.        9.
                  4          1         30         M      -50.        9.   A
                  5          1         31         M      -50.        9.
                  6          1         32         M      -50.        9.
                  7          1        123         M      -50.        9.
                  8          1         35         M      -50.        9.   B
                  9          1         36         M      -50.        9.
                 10          1         37         M      -50.        9.
                 11          1         38         M      -50.        9.
                 12          1         39         M      -50.        9.
                 13          1         42         M      -50.        9.   C
                 14          1         43         M      -50.        9.
                 15          1         44         M      -50.        9.
                 16          1         45         M      -50.        9.
                 17          1         46         M      -50.        9.
                 18          1         50         M      -50.        9.   D
                 19          1         51         M      -50.        9.
                 20          1         52         M      -50.        9.
                 21          1         53         M      -50.        9.
                 22          1         54         M      -50.        9.
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                23          1         58         M      -50.         9.   E
                24          1         59         M      -50.         9.
                25          1         60         M      -50.         9.
                26          1         61         M      -50.         9.
                27          1         62         M      -50.         9.
                28          1         63         M      -50.         9.
                29          1         66         M      -50.         9.   F
                30          1         67         M      -50.         9.
                31          1         68         M      -50.         9.
                32          1         69         M      -50.         9.
                33          1         70         M      -50.         9.
                34          1         71         M      -50.         9.
                35          1         75         M      -50.         9.   G
                36          1         76         M      -50.         9.   H
                37          1         77         M      -50.         9.
                38          1         78         M      -50.         9.
                39          1         79         M      -50.         9.
                40          1         80         M      -50.         9.
                41          1         81         M      -50.         9.
                42          1         85         M      -50.         9.
                43          1         86         M      -50.         9.   J
                44          1         87         M      -50.         9.
                45          1         88         M      -50.         9.
                46          1         89         M      -50.         9.
                47          1         90         M      -50.         9.
                48          1         95         M      -50.         9.
                49          1         96         M      -50.         9.   K
                50          1         97         M      -50.         9.   L
                51          1         98         M      -50.         9.
                52          1         99         M      -50.         9.
                53          1        105         M      -50.         9.   M
                54          1        106         M      -50.         9.
                55          1        107         M      -50.         9.   N
SET7A  GRADIENT LIMITS
  35
                 1          1         14         5  2.0E-05   1.0E+20
                 2          1         19        27  2.0E-05   1.0E+20
                 3          1         18        10  2.0E-05   1.0E+20
                 4          1         18        26  2.0E-05   1.0E+20
                 5          1         24        30  2.0E-05   1.0E+20   A
                 6          1         57        58  2.0E-05   1.0E+20   E
                 7          1         41        42  2.0E-05   1.0E+20   C
                 8          1         93        85  2.0E-05   1.0E+20
                 9          1        103        96  2.0E-05   1.0E+20   K
                10          1        111       105  2.0E-05   1.0E+20   M
                11          1        115       107  2.0E-05   1.0E+20   N
                12          1        101       100  2.0E-05   1.0E+20
                13          1         74        66  2.0E-05   1.0E+20   F
                14          1         34        35  2.0E-05   1.0E+20   B
                15          1         17        25  2.0E-05   1.0E+20
                16          1         29        30  2.0E-05   1.0E+20   A
                17          1         49        50  2.0E-05   1.0E+20   D
                18          1         65        66  2.0E-05   1.0E+20   F
                19          1         84        76  2.0E-05   1.0E+20   H
                20          1         94        86  2.0E-05   1.0E+20   J
                21          1        104        97  2.0E-05   1.0E+20   L
                22          1        113       106  2.0E-05   1.0E+20
                23          1        114       107  2.0E-05   1.0E+20   N
                24          1        108       107  2.0E-05   1.0E+20   N
                25          1         91        90  2.0E-05   1.0E+20
                26          1         13         4  2.0E-05   1.0E+20
                27          1         12         3  2.0E-05   1.0E+20
                28          1         17         9  2.0E-05   1.0E+20
                29          1         20        27  2.0E-05   1.0E+20
                30          1         65        75  2.0E-05   1.0E+20   G
                31          1         65        58  2.0E-05   1.0E+20   E
                32          1         57        66  2.0E-05   1.0E+20   F
                33          1         57        50  2.0E-05   1.0E+20   D
                34          1         49        58  2.0E-05   1.0E+20   E
                35          1         48        42  2.0E-05   1.0E+20   C
SET7B  VELOCITY LIMITS
   0
SET7C  RELATIVE GRADIENT LIMITS
   0
SET8   BALANCE CONSTRAINTS
   0
SET9   INTEGER CONSTRAINTS
   0
SET10  OBJECTIVE FUNCTION
                 1         -2
```