U. S. DEPARTMENT OF INTERIOR
U.S. GEOLOGICAL SURVEY

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In Cooperation with the Oklahoma Water Resources Board
and Oklahoma Geological Survey

# Steady-State Simulation of Ground-Water Flow in the Rush Springs Aquifer, Western Oklahoma

Water-Resources Investigations Report 98–4082

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By Mark F. Becker

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**U.S. DEPARTMENT OF THE INTERIOR**
BRUCE BABBITT, Secretary

**U.S. GEOLOGICAL SURVEY**
THOMAS J. CASADEVALL, Acting Director



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**Box 25286**
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## CONVERSION FACTORS AND VERTICAL DATUM

| Multiply | By | To obtain |
|---|---|---|
| foot (ft) | 0.3048 | meter |
| inch (in.) | 25.4 | millimeter |
| mile (mi) | 1.609 | kilometer |
| square mile ($mi^2$) | 2.590 | square kilometer |
| acre | 4,047 | square meter |
| gallon | 0.133 | cubic feet |
| acre-foot | 1,233 | cubic meter |
| foot per day (ft/d) | 0.3048 | meter per day |
| foot squared per day ($ft^2/d$) | 0.09290 | meter squared per day |
| cubic foot per second ($ft^3/s$) | 0.02832 | cubic meter per second |

Degree Celsius (°C) may be converted to degree Fahrenheit (°F) by using the following equation:

$$°F = 1.8\ (°C) + 32.$$

Degree Fahrenheit (°F) may be converted to degree Celsius (°C) by using the following equation:

$$°C = .55\ (°F\text{-}32).$$

Sea level: In this report "sea level" refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929)— a geodetic datum derived from a general adjustment of the first-order level nets of both the United States and Canada, formerly called Sea Level Datum of 1929.

# Steady-State Simulation of Ground-Water Flow in the Rush Springs Aquifer, Western Oklahoma

By Mark F. Becker


## ABSTRACT

A simplified steady-state ground-water flow model was prepared for the Rush Springs aquifer in western Oklahoma. A 3-kilometer square grid was established over the area containing two layers with 674 active nodes simulated in the model. The steady-state model simulation used a mean recharge rate of $3.05 \times 10^{-4}$ feet per day and a hydraulic conductivity range from 0.8 to 10 feet per day. The error at each node in the model is defined as the difference between the measured and simulated water levels.The arithmetic mean error for 170 of the 674 active nodes was -0.11 feet, the absolute value mean error was 7.55 feet, and the standard deviation of the error was 10.21 feet. A net simulated recharge of 231 cubic feet per second is balanced by a discharge to drains and seeps of 190.6 cubic feet per second about 82 percent of the total recharge. Discharge to the main stem of the Washita River is about 41 cubic feet per second about 18 percent of the recharge.


## INTRODUCTION

Irrigators, municipalities, industry, and ranchers in western Oklahoma rely on the Rush Springs aquifer as a principal water supply. The Oklahoma Water Resources Board (OWRB) requires information on the ability of the aquifer to sustain this water supply. A simplified, steady-state model of the Rush Springs aquifer was prepared to simulate average conditions in the aquifer. The U.S. Geological Survey in cooperation with the OWRB and the Oklahoma Geological Survey (OGS) began a study of the hydrology of the Rush Springs aquifer in 1988.

### Purpose and Scope

The purpose of this report is to present a simplified conceptual model of the ground-water hydrology of the Rush Springs aquifer, to test the conceptual model using a numerical model of ground-water flow, and to make the numerical model available for use and modification by the OWRB and others. This report will provide the OWRB with a ground-water model fulfilling a legislative mandate by the State of Oklahoma that the OWRB determine the changes in storage from a transient simulation. This report is the steady-state step in this process where the transient simulation will be completed by the OWRB. Also available in the report is the general geologic setting, boundaries, input data to the model, and final model output.

The scope of the project is to create a numerical model of the ground water flow system and to make the numerical model available for use and modification by the OWRB and others. The model was developed to represent steady-state conditions prior to irrigation. The predevelopment period considered is before 1950.

### Location of the Study Area

The study area comprises all or parts of Blaine, Caddo, Canadian, Comanche, Custer, Dewey, Grady, Kiowa, Stephens, and Washita Counties (fig. 1). The southern and eastern boundary is the erosional extent of the Rush Springs Formation[1]. The northern and northeastern boundary is the Canadian River. The western boundary of the study area is the Washita River to Barnitz Creek and up the Dry Creek tributary of Barnitz Creek almost to the Canadian River. The approximate area of the study is 2,400 square miles.

The boundary of the study area was selected based on two criteria: the areal extent of the aquifer where considerable use occurs and hydrologic boundaries that can be realistically simulated. The Canadian River is a very good flow boundary to simulate. Likewise to the west the Washita River, Barnitz Creek, and Dry Creek combined to provide boundaries that are plausible.

[1] Geologic names and stratigraphic ages in this report are accepted by the Oklahoma Geological Survey and are not necessarily the same as those used by the U.S. Geological Survey.

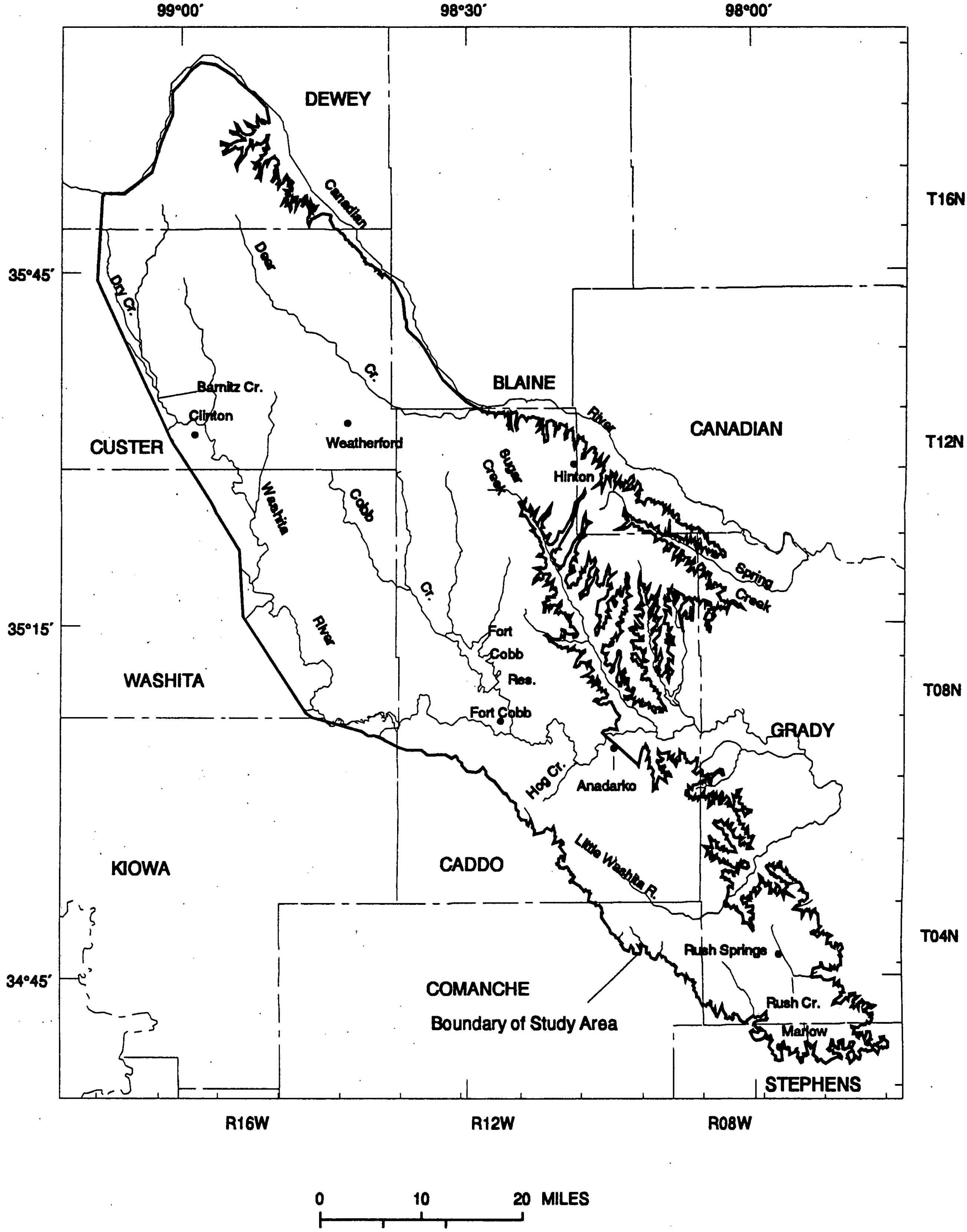


**Figure 1.** Geographic features within the study area.

### Geology

The study area is in the southeastern Anadarko basin (fig 2), which extends from south-central Oklahoma west-northwest into Texas. Dips of the Permian strata are mostly south southwest and up to 20 feet per mile but can exceed 50 to 100 feet per mile from the Wichita uplift north northeast into the basin.

Overlying the Rush Springs Formation along the portions of the western boundary and northern half of the study area is the Cloud Chief Formation of Permian age (fig. 3). Most of the Cloud Chief in the study area occurs as erosional remnants on hills and uplands. On the western portion of the study area the Cloud Chief is present as the easternmost extent of the main deposit of Cloud Chief in the Anadarko Basin. The Cloud Chief Formation is characterized by massive gypsum units interbedded with reddish-brown shales and siltstones. The Cloud Chief maximum thickness is more than 100 feet in the study area but generally is highly eroded and where gypsum is near land surface can develop karst topography.

The Rush Springs Formation of Permian age is a massive to highly cross-bedded sandstone with some interbedded dolomite or gypsum. The textural maturity and high degree of sorting support the hypothesis that the sandstones were primarily eolian in origin. Tanaka and Davis (1963) showed that the Rush Springs Formation in Caddo County is primarily very-fine grain. The sand tends to be subangular to subround and poorly cemented in most places. Within the study area the Rush Springs Formation is usually less than 250 feet thick but can exceed 300 feet thick in areas where the entire section is present.

Underlying the Rush Springs Formation is the Marlow Formation that is composed of interbedded sandstones, siltstones, mudstones, gypsum-anhydrite, and dolomite beds. The Marlow Formation, also of Permian age, is moderate to well-cemented throughout. According to Tanaka and Davis (1963) the Marlow Formation is as thick as 128 feet but it is generally 90 to 100 feet thick in the study area. Underlying the Marlow Formation is the El Reno Group, also of Permian age.

## HYDROLOGY

The Rush Springs aquifer, for the purposes of this report, consists of the Rush Springs Formation, alluvium within the study area, and parts of the Marlow Formation, particularly on the eastern edge of the study area. Parts of the Marlow are included in areas where permeability and porosity are greater due to weathering of the outcrop. In contrast, well cemented units in the Marlow generally appear to have extremely low permeability. Cores examined immediately following extraction contained sections that were dry, which indicates little or no flow through these sections. The Marlow acts as a lower confining layer to the Rush Springs aquifer throughout most of the study area.

The Rush Springs aquifer extends north and west into Kansas and Texas. Westward the aquifer becomes deeply buried and contains saline water. Northwest of the study area water from the Rush Springs aquifer has increasing concentrations of dissolved calcium and sulfate from the overlying gypsum-bearing Cloud Chief Formation. Well yields decrease as the aquifer thins northwest of the study area. For these reasons the highest water use from the Rush Springs aquifer is in Caddo, Custer, Blaine, Grady, and Stephens Counties. In the western part of the study area, the Cloud Chief acts as an upper confining layer of the Rush Springs aquifer.

Well yields from the Rush Springs aquifer vary, but the most productive irrigation wells are reported to yield more than 1,000 gallons per minute. The OWRB provided drillers' logs for 89 wells with reported discharges ranging from 11 to 850 gallons per minute with a mean discharge of 209 gallons per minute. Specific capacity is the pumping volumetric rate divided by the water-level drawdown within the well resulting from the pumping, for a given period of time. Specific capacities calculated for these wells from the 89 drillers' logs ranged from 0.7 to 15 gallons per minute per foot of drawdown with a mean of 2.3. Tanaka and Davis (1963) reported specific yields in the range of 13 to 34 percent and transmissivities calculated from four aquifer tests ranged from 670 to 1,870 feet squared per day.

The Rush Springs aquifer is recharged by the infiltration of precipitation. The 30-year average annual precipitation ranges from more than 26 inches per year to greater than 32.5 inches per year in the study area. Estimates of recharge range from less than 0. 5 inch per year (Pettyjohn, White, and Dunn, 1983) to over 2 inches per year (Tanaka and Davis, 1963).

Ground water from the Rush Springs aquifer discharges to streams and rivers, primarily the Washita River, in much of the study area where the Rush Springs aquifer crops out or is overlain by the Cloud Chief Formation but is hydraulically connected to the stream. Springs and seeps also are points of discharge and generally occur where the Rush Springs aquifer is deeply incised and the water table intersects steep valley walls. The Marlow Formation impedes flow because it is well-cemented and less permeable and results in springs and seeps where the Rush Springs Formation and Marlow Formation contact near land surface. Springs and seeps are observed near Hinton, in northern Caddo County, and within the town of Rush Springs in Grady County. There are hillside seeps at the Rush Springs Formation and Marlow Formation contact along the Canadian River, Spring Creek, and Sugar Creek drainage basins, and within valleys along the southern

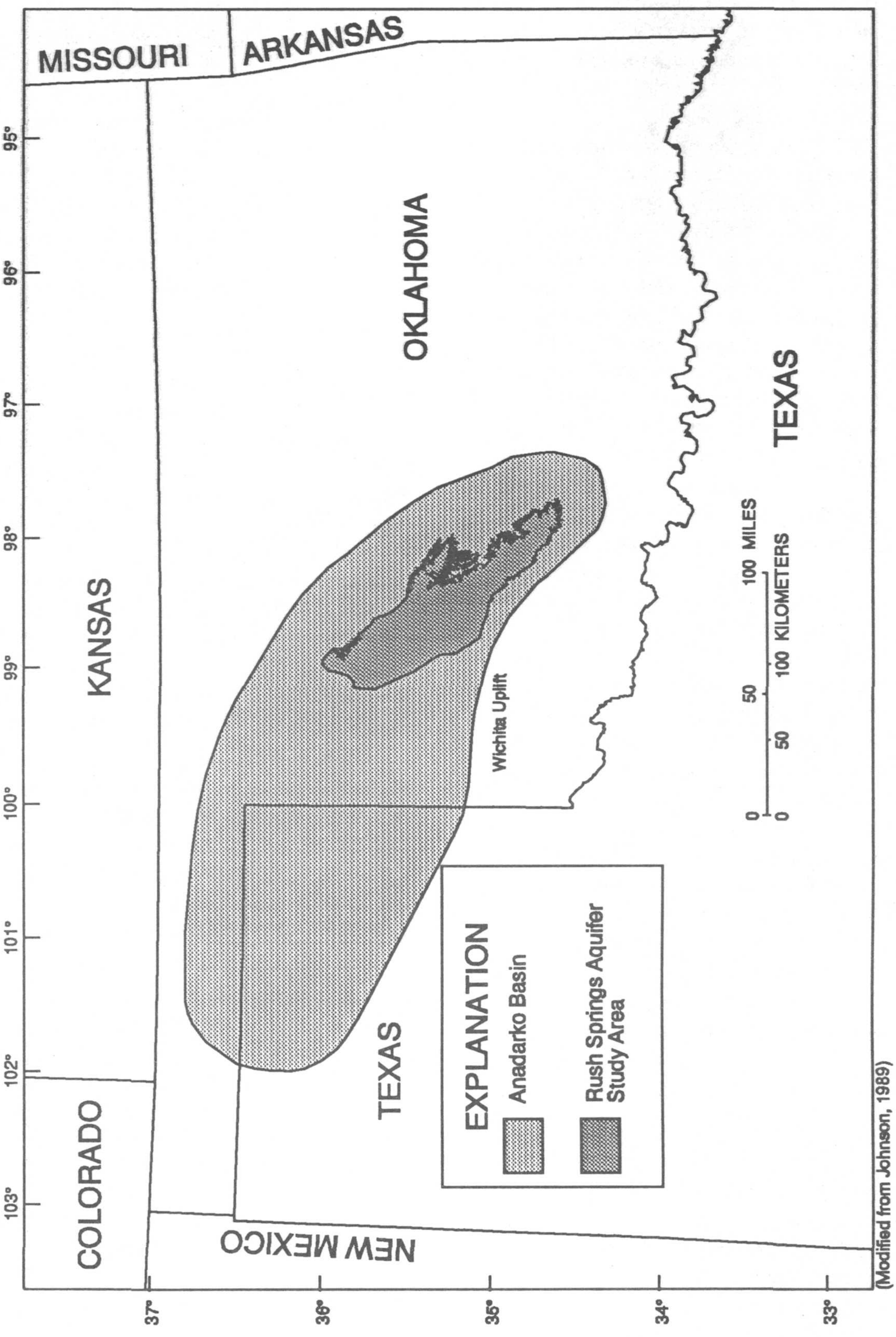


**Figure 2.** Location of Anadarko basin.

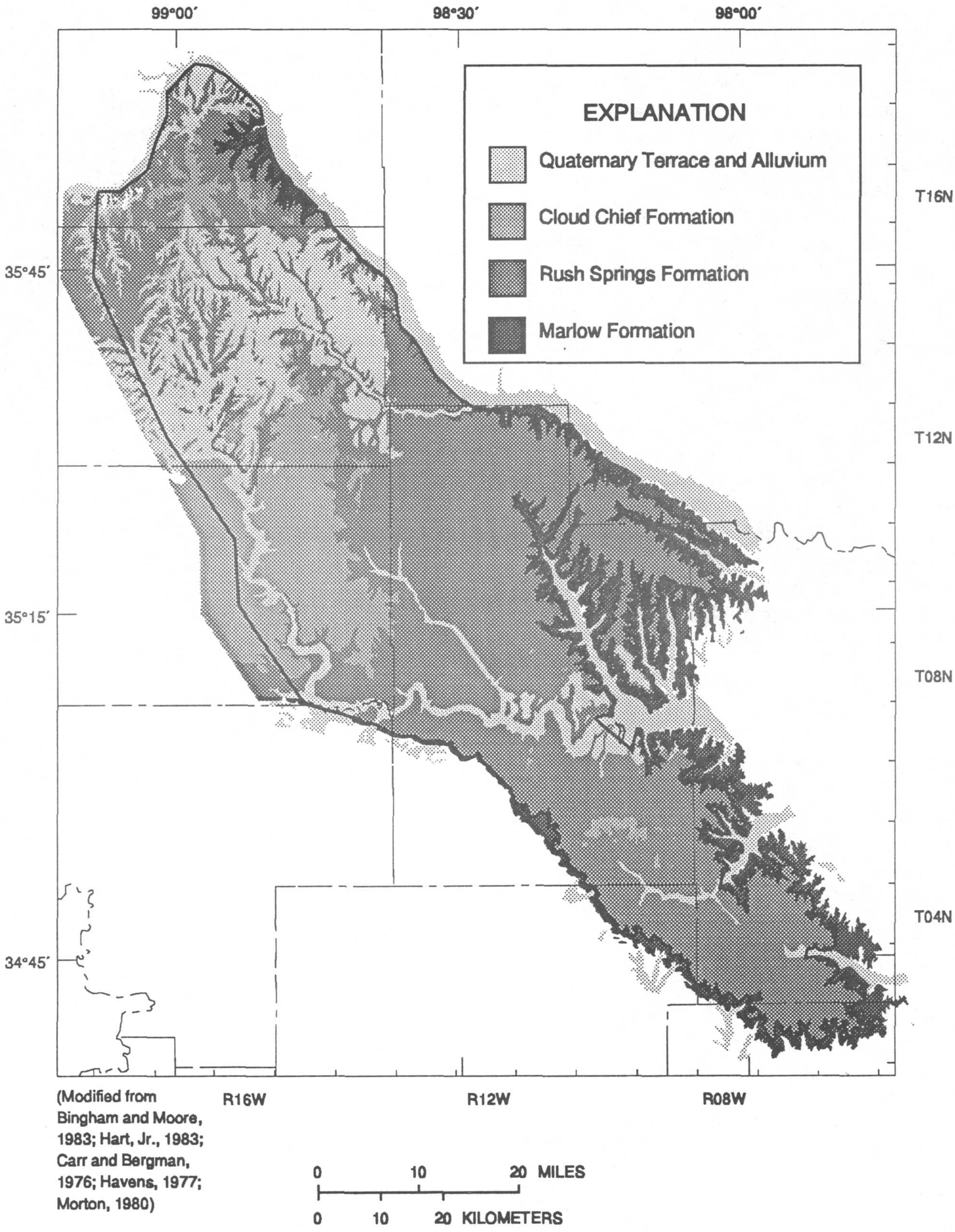


**Figure 3.** Surficial geologic units in the Rush Springs study area.

and eastern extent of the Rush Springs Formation. It is not known if there is vertical flow to the El Reno Group and there are no data to show if there is downward flow from the Rush Springs through the Marlow Formation to the El Reno Group.

The predevelopment potentiometric surface (fig. 4) represents water-level elevations prior to 1950, before the development of irrigation wells. A lack of water-level data from the predevelopment period resulted in assumptions of flow conditions and water-level altitudes during predevelopment. Stream elevations, well data, and land surface elevations were used to determine the elevation of the water levels and flow paths. Water-level measurements were poorly distributed spatially. Nineteen wells were selected to develop this surface, most of which were found in Caddo County. Measurements from wells in 1986 were used primarily from Custer, Dewey, and Washita Counties. These more recent measurements were used due to the lack of pre-1950 measurements and based on the assumption that irrigation no longer existed in these areas and the water table had returned to predevelopment conditions. With the introduction of irrigation in areas this conceptual flow is probably disrupted during periods when withdrawals occur. Flow to some minor tributaries probably was perennial during predevelopment and has become intermittent during periods of large withdrawals.

Regionally the direction of ground-water flow is to the southeast. Ground water flows perpendicular to the water-level contours, from highest water-table altitudes to lowest water-table altitudes until the flow path intercepts land surface and discharges as base flow for streams, springs, and seeps. The predevelopment water table was about 1,800 feet above sea level in the northwest and 1,300 feet above sea level in the southeast.

The saturated thickness shown in figure 5 is the measured length from the top of the water table to the base of the aquifer used in the model. This saturated thickness represents predevelopment conditions. Saturated thickness ranged from less than 50 to greater than 300 feet. Along the erosional extent of the aquifer on the east and southern half of the study area the saturated thickness ranged from 0 to 50 feet. The thickest saturation is in the northern and western portion of the aquifer where the Anadarko Basin deepens. Saturated thickness here was greater than 300 feet. In central and northern Caddo County where the highest number of irrigation wells are concentrated the saturated thickness ranged from less than 200 to over 300 feet.

## MODEL DESCRIPTION

A geographic information system (GIS) interface was used to prepare, edit, and calibrate the ground-water flow model. The interface used was MODFLOWARC (Orzol and McGrath, 1992), which utilizes the GIS software ARC/INFO. The model grid was developed using ARC/INFO to cover a larger area than the final study area required. Due to the availability of sufficient computer resources the model grid was not changed during the study.

A simplified, steady-state model of the Rush Springs aquifer was prepared to simulate average conditions in the aquifer. The predevelopment setting is based on reasonable assumptions from the past and current observations of the hydrology of the aquifer. The assumptions are that: 1) predevelopment water-level altitudes exceeded current water-level elevations and 2) ground-water discharge is primarily to streams and that the altitude of the stream is a close approximation of the water table altitude. The area was divided into a 3-kilometer square model grid (fig 6). A total of 82 rows and 34 columns with nodes representing each cell were used. Only 674 of the 2,788 nodes represent active nodes with a total active area of 2,349 square miles.

Two layers were used to represent the hydrologic setting of the Rush Springs aquifer. The first layer is active in only 31 cells on the western edge of the study area and represents the Cloud Chief Formation where the thickness exceeds 50 feet and enough mudstone interbedded with the gypsum to be a confining layer to the Rush Springs aquifer. Layer two represents the Rush Springs aquifer.

The finite-difference modular model code of McDonald and Harbaugh (1988) was used in the simulation. The results are listed in Appendix A. The modular model uses consistent units in simulations. The length units used in this simulation are feet and the time units are days. The reader needs to refer to the model documentation (McDonald and Harbaugh, 1988) when interpreting these results. The simulation was evaluated using the Modular Model Statistical Program (MMSP) of Scott (1990). These results are in Appendix B.

### Boundary Conditions

The Rush Springs model area is bounded by the erosional extent of the Rush Springs Formation, the Canadian River to the north, the Washita River to the west, with tributaries of the Washita River, Barnitz Creek and Dry Creek extending north to near the Canadian River completing the western boundary. Springs and seeps occur along the erosional extent of the Rush Springs eventually discharging to streams.

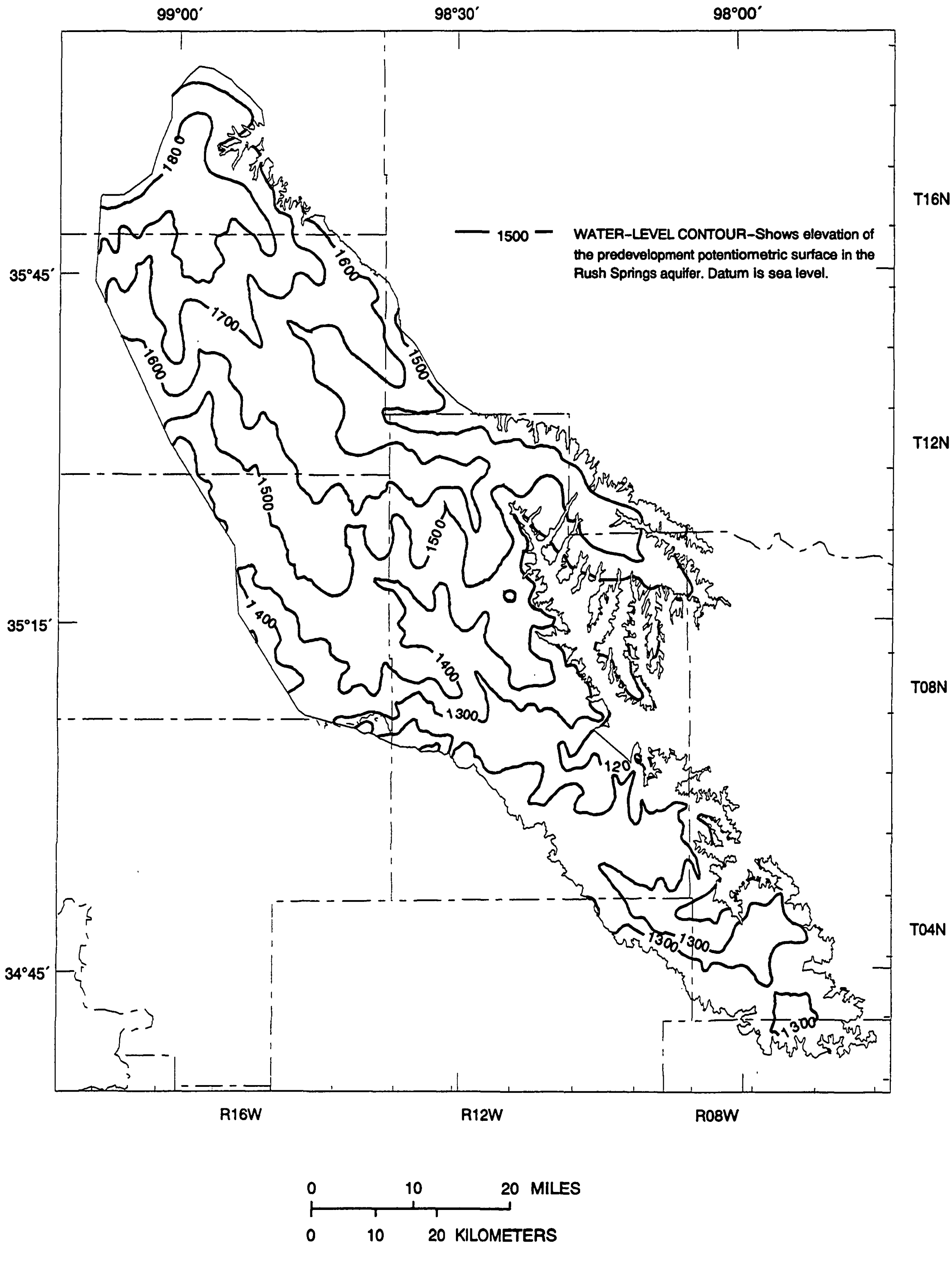


**Figure 4.** Predevelopment potentiometric surface of the Rush Springs aquifer.

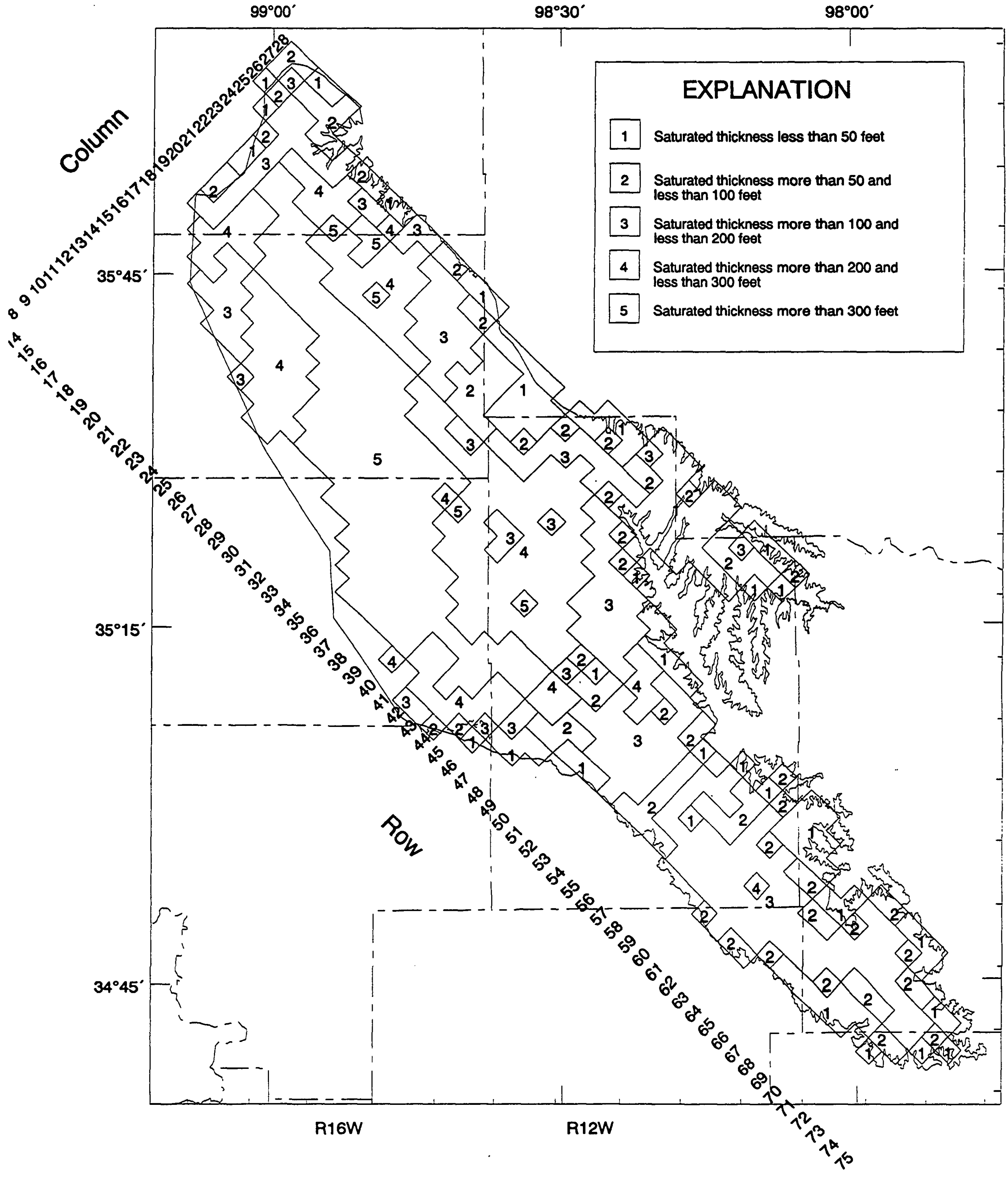


**Figure 5.** Range of saturated thickness in predevelopment steady-state model.

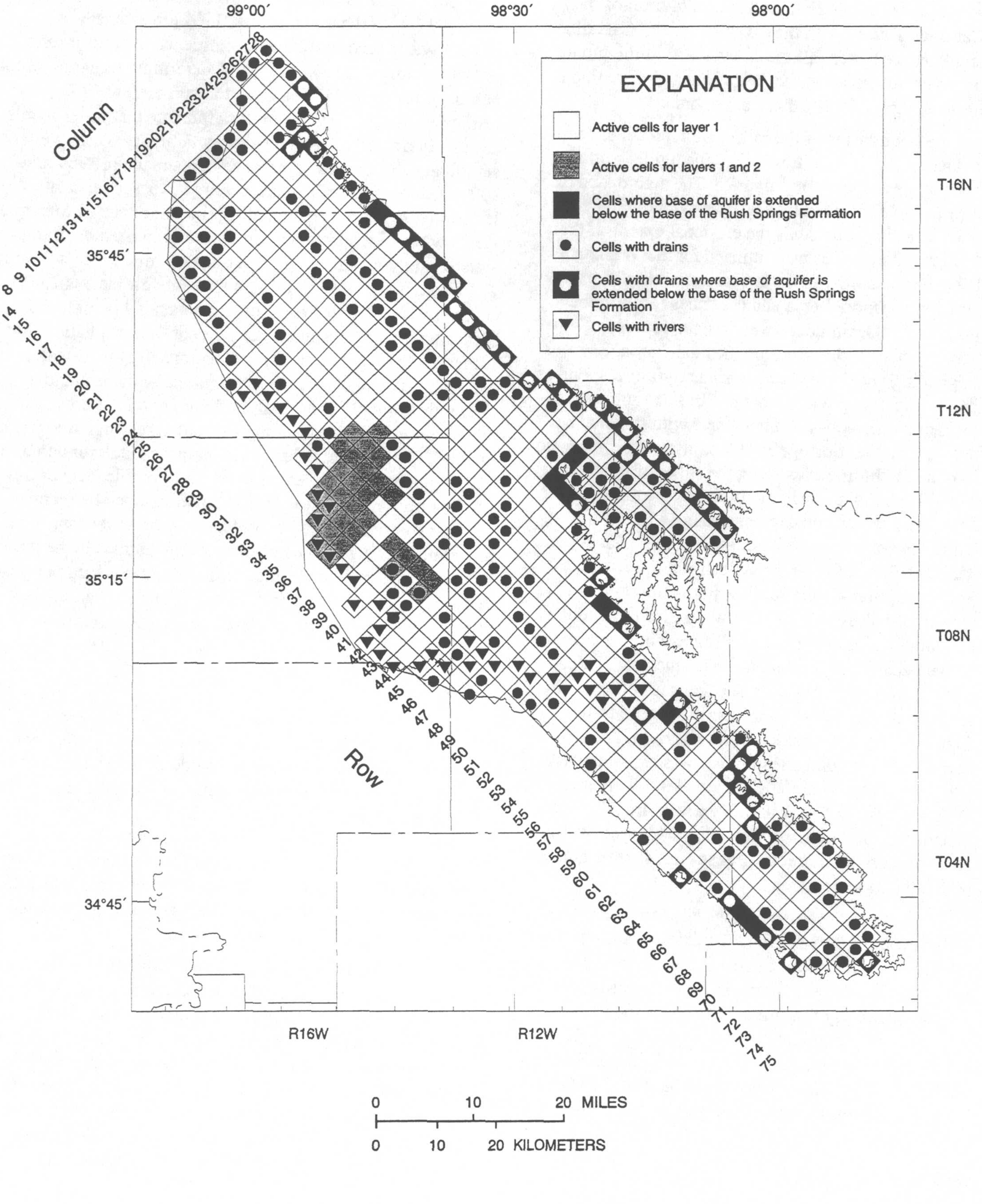


**Figure 6.** Active cells and boundaries of the Rush Springs model.

Cross-formation flow is probably limited but is likely to occur from the Rush Springs Formation into the weathered Marlow Formation and alluvium of the Canadian River. With the exception of the Canadian and Washita Rivers all the streams within the model boundary originate in the Rush Springs Formation or the overlying Cloud Chief Formation.

The boundaries of the model are represented as rivers, drains, and no flow cells. The model grid and boundaries are shown in figure 6. The active area of the model is bounded by a no-flow boundary. This boundary also represents the erosional extent of the aquifer. River nodes were utilized for the Washita River because flow in the stream is maintained prior to entering the model area and continues through the model area. Drain nodes were used to represent streams that originate within the model area. Streams originating within the Rush Springs aquifer respond as drains, removing water from the area as long as a hydraulic connection is maintained with the channel and water table. Springs and seeps also are represented as drains in boundaries along the edges of the model. They also behave similar to drains as discharge areas for ground water and cease discharge when the hydraulic connection with the water table is disrupted. The Canadian River is separated from the Rush Springs aquifer by the Marlow Formation and Quaternary alluvium. Ground water discharge to the Canadian River cannot be totally accounted for by the model because of discharge outside the model area. The northern, northeastern, and southern boundaries are represented as drains to show discharge to the Canadian River, Canadian River alluvium, springs, seeps, and perennial streams. The western boundary that depicts the Washita River represents a river and a drain for Barnitz Creek and Dry Creek. Interior boundaries include river nodes that depict the Washita River and drains that represent streams that originate within the modeled area.

The base of the Rush Springs Formation represents a no-flow boundary for the Rush Springs aquifer through most of the model. The base of the aquifer is modeled below the stratigraphic top of the Marlow Formation mostly in some eastern nodes to account for the increased hydraulic conductivity of the Marlow where it crops out (fig. 7). The top of the Rush Springs aquifer is either land surface or the base of the Cloud Chief Formation in the western part of the model.

## Recharge

An initial estimate of recharge was made by assuming that the system was in dynamic equilibrium with total discharge from the aquifer, therefore recharge was approximately equal to ground-water discharge to rivers, streams, springs and seeps. Stream discharge measurements were made at 31 locations in March 1989 and 38 locations in February 1991 (Blazs and others, 1992) to estimate ground-water runoff without the influence of surface runoff or evapotranspiration were used to determine recharge. Most pumpage for irrigation occurs in the summer; wells instrumented with water-level recorders indicate that water-levels have fully or near fully recovered by February. There were no significant differences in measurements made in 1989 and 1991. The estimate of annual recharge is based on data collected in 1989 and 1991 including the following: 1) Measurements within each stream basin were normalized by drainage area to estimate a mean-yield per square mile for each basin; 2) The surface area used for this recharge estimate is 2,400 square miles of study area; 3) A mean annual rainfall of 29 inches was used to estimate the percent of precipitation that recharges the aquifer; and 4) The estimated ground-water used in 1989 and 1991 in the study area by domestic, irrigation, public supply, industrial, and commercial users is 50,000 acre-feet. The resulting estimated recharge is approximately 7.0 percent of the average annual rainfall for a total of 310,000 acre-feet per year or $0.369 \times 10^8$ cubic feet per day for the entire model area. This is equal to about two inches per year distributed over the outcrop of the study area. The model utilizes a variable rate of recharge applied to the upper boundary. The recharge varies from less than 1 inch per year to over 2 inches per year (fig. 8) based upon variations in rainfall, topography, and model responses to calibration.

## Discharge

Water is discharged from the aquifer to rivers, springs, seeps and perennial streams within the modeled area and to peripheral rivers and creeks along the boundaries of the modeled area. The peripheral rivers and creeks can gain water from sources outside the simulated area, so only the reaches of rivers and perennial streams that are within the modeled area were used for the model adjustments. The streambed altitudes and streambed conductances of rivers and creeks simulated as drains are listed in Appendix A.

Streambed conductances were initially estimated by using the method described in McDonald and Harbaugh (1988, pg. 6-4). During the calibration the conductances were adjusted by using a multiplier to get surrounding simulated heads to match observed heads and to approximate simulated stream discharge with measured stream discharges. Adjustments to streambed conductances resulted in slight variations from cell to cell in some cases. These differences are probably not significant and are simply an artifact of the adjustment method.

Discharge simulated from nodes representing the internal drains was summarized using the program MMSP (Scott, 1990). This program compiles and presents summary

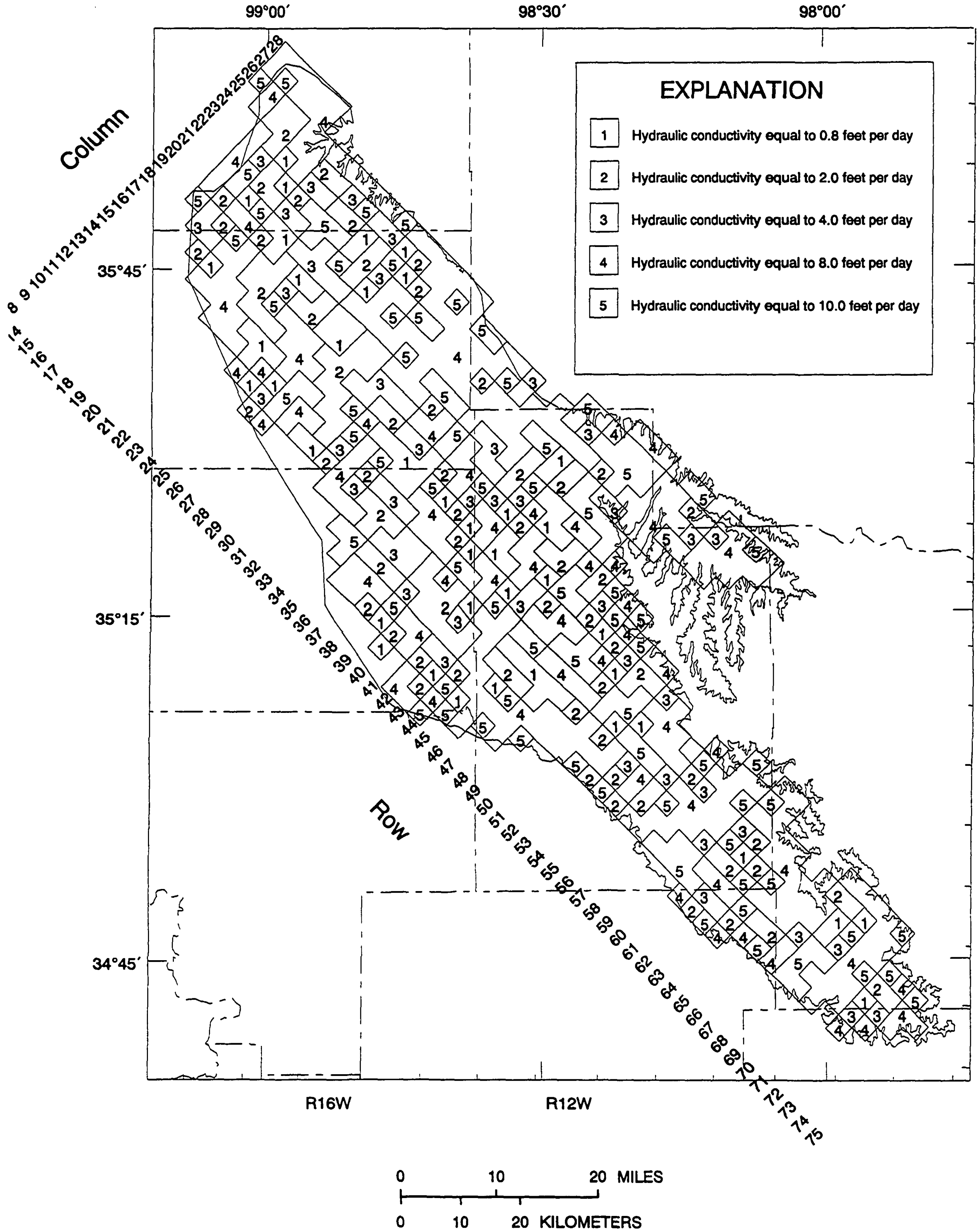


**Figure 7.** Distribution of hydraulic conductivity in feet per day in the Rush Springs model.

statistics of the discharge of specified zones representing streams. The simulation results for these and other nodes, as summarized by MMSP, are listed in Appendix B.

## STEADY–STATE SIMULATION

A steady-state simulation of the Rush Springs aquifer was run by adjusting hydraulic conductivity, streambed conductance of streams and drains, and areal recharge to minimize the difference between measured and simulated heads and between measured and simulated discharge to internal rivers and creeks. Implicit in the simulation is the assumption the aquifer was in long-term equilibrium and that a steady-state simulation of the predevelopment water levels and streamflow gains are a reasonable approximation of the predevelopment conditions.

### Model Adjustments

Initially, a uniform hydraulic conductivity of 5 feet per day and a 7 percent recharge of mean annual precipitation over the study area was used. A uniform hydraulic conductivity did not reproduce the distribution of head throughout the modeled area. Hydraulic conductivity was adjusted throughout the model within a range of 0.8 to 10 feet per day. This range of hydraulic conductivity is within the range that would be found in a friable sandstone (Freeze and Cherry, 1979, p. 29) and estimated from specific capacities of drillers' logs within the study area. Distribution of hydraulic conductivities throughout the modeled area is shown in figure 7.

When adjustments of hydraulic conductivities no longer improved the calibration the net recharge rate was adjusted until a reasonable agreement between measured and simulated heads and between measured and simulated total discharge to interior drains was achieved (Appendix B). Total recharge applied to the model was 231 cubic feet per second. Modeled recharge ranged from $1.94 \times 10^{-5}$ to $7.29 \times 10^{-4}$ feet per day (fig. 8) with a mean of $3.05 \times 10^{-4}$ feet per day.

Model simulations showed that saturation was reduced to zero in areas represented by the northeastern, eastern and the southern boundary cells along with interior cells containing streams. The saturated thickness in the Rush Springs aquifer is thin at these locations and the Marlow Formation probably is functioning as an aquifer. In the model, the base of the aquifer was lowered to account for this.

### Simulation Results

The error at each node in the model is defined as the difference between the measured and simulated water levels. Because of the sparse amount of measured water-level data from predevelopment the error was only computed in the modeled areas where measured water-level data existed. After adjustment the arithmetic mean error for the 170 of the 674 active nodes was -0.11 feet, the absolute value mean error (the average of the errors for active nodes, regardless of sign) was 7.55 feet, and the standard deviation of the error was 10.21 feet. A comparison of the predevelopment water table elevations and the simulated water table elevations is shown in figure 9. Simulated elevations were machine contoured and predevelopment elevations were manually contoured resulting in some discrepancies.

A net simulated recharge of 231 cubic feet per second is balanced by a discharge to drains and seeps of 190.6 cubic feet per second or about 82 percent of the total recharge. Discharge to the main stem of the Washita River is about 41 cubic feet per second or about 18 percent of the recharge. Measured and simulated discharges are in general agreement. Most streams show a simulated discharge less than the measured discharges with the exception of Rush Creek and the Little Washita River. Varying the streambed conductances of streams and drains was insufficient to correct the imbalance in discharges. This could be due to errors in the assigned distributions of hydraulic conductivity or recharge. Many streams within the study area are regulated by water retention structures and probably do not reflect predevelopment conditions.

**Table 1.** Measured base flow and simulated discharge to rivers and creeks

[$ft^3/s$, cubic feet per second]

| Stream | Average measured, 1989 and 1991 ($ft^3/s$) | | Simulated ($ft^3/s$) |
|---|---|---|---|
| Deer Creek | 35.7 | > | 31.2 |
| Rush Creek | 0.87 | < | 3.8 |
| Hog Creek | 4.29 | > | 1.3 |
| Sugar Creek | 17.0 | > | 12.7 |
| Little Washita River | 6.7 | < | 7.1 |
| Cobb Creek | 25.5 | > | 21.7 |
| Total | 90.0 | > | 77.8 |

## SUMMARY AND CONCLUSIONS

A simplified steady state model of the Rush Springs aquifer reasonably simulates predevelopment conditions. The predevelopment setting is based on reasonable assumptions from the past and current observations of the hydrology of the

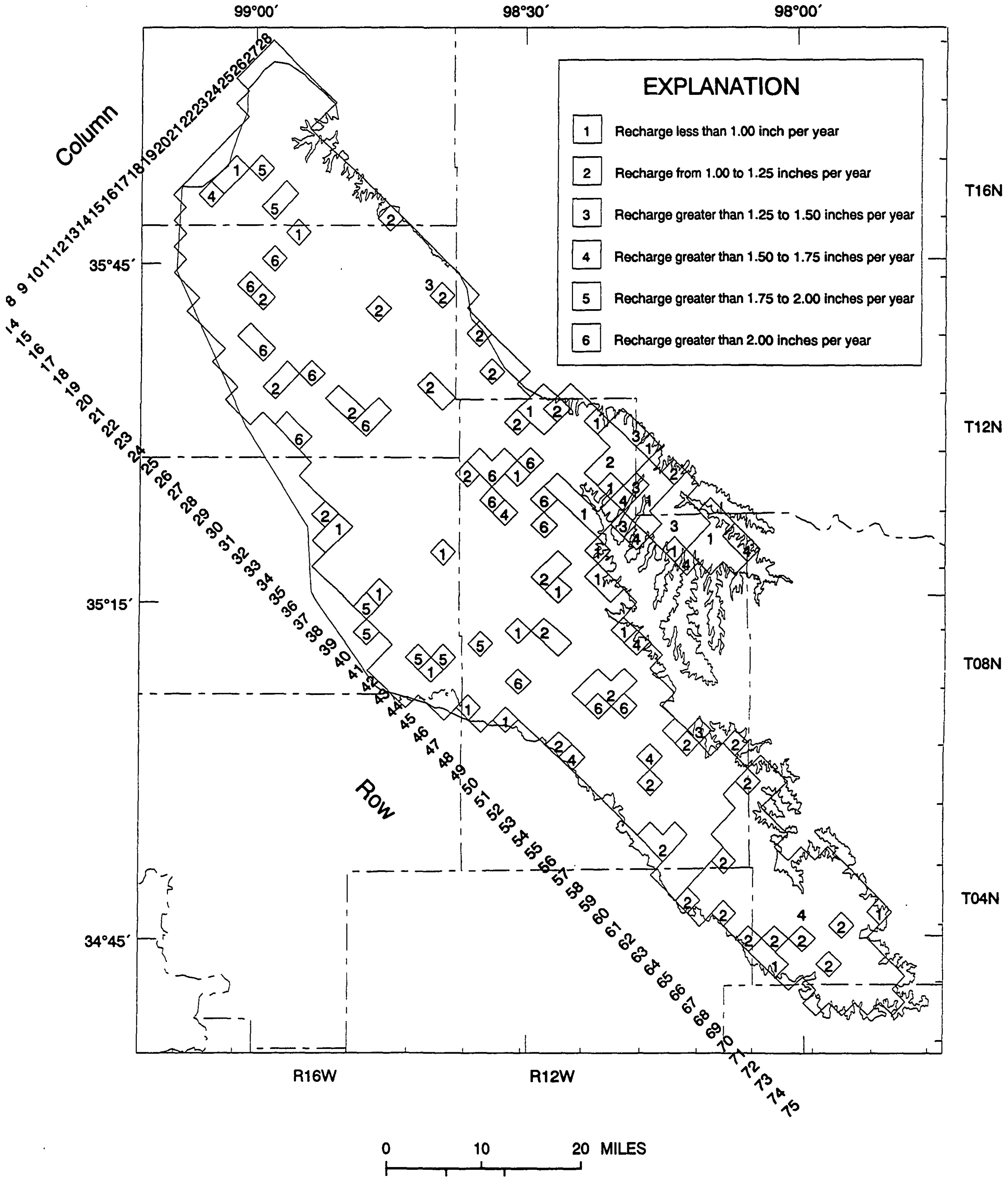


**Figure 8.** Distribution of recharge in inches per year in the Rush Springs model.

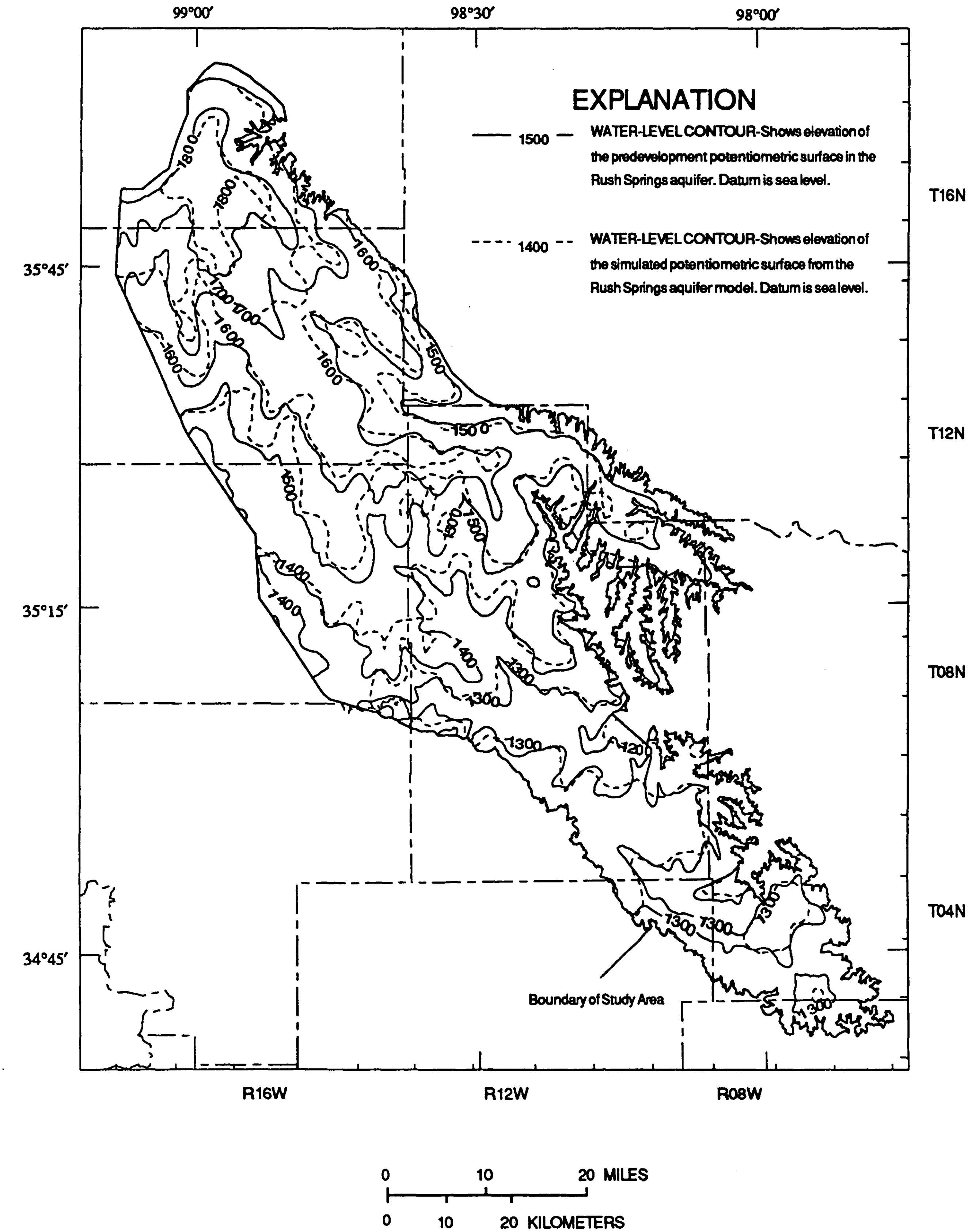


**Figure 9.** Comparison of predevelopment potentiometric surface and simulated potentiometric surface.

aquifer. The assumptions are that: 1) predevelopment water-level altitudes exceeded current water-level elevations and 2) ground-water discharge is primarily to streams and that the altitude of the stream is a close approximation of the water table altitude.

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Underlying the Rush Springs Formation is the Marlow Formation that is composed of interbedded sandstones, siltstones, mudstones, gypsum-anhydrite, and dolomite beds. According to Tanaka and Davis (1963) the Marlow Formation is as thick as 128 feet but it is generally 90 to 100 feet thick in the study area. The Rush Springs Formation is a massive to highly cross-bedded sandstone with some interbedded dolomite or gypsum. Within the study area the Rush Springs Formation is usually less than 250 feet thick but can exceed 300 feet thick in areas where the entire section is present. Overlying the Rush Springs Formation along the portions of the western boundary and northern half of the study area is the Cloud Chief Formation. The Cloud Chief maximum thickness is more than 100 feet in the study area but it generally is highly eroded and where, gypsum is near land surface, can develop karst topography. The Rush Springs aquifer is equivalent to the Rush Springs Formation. For this report and model the Rush Springs aquifer will include alluvium within the study area and parts of the Marlow Formation, particularly on the eastern part of the study area.

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The arithmetic mean error for the 170 of the 674 active nodes was -0.11 feet, the absolute value mean error was 7.55 feet, and the standard deviation of the error was 10.21 feet. A net simulated recharge of 231 cubic feet per second is balanced by discharge to drains and seeps of 190.6 cubic feet per second or about 82 percent of the total recharge. Discharge to the main stem of the Washita River is about 41 cubic feet per second or about 18 percent of the recharge.

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# Appendix A: Modular Model Results for a Steady State Simulation of Ground-Water Flow in the Rush Springs Aquifer, Western Oklahoma

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

Steady state model of Rush Springs Aquifer                                    Compiled By Mark F. Becker, USGS WRD, Oklahoma C
   2 LAYERS        82 ROWS        34 COLUMNS
  1 STRESS PERIOD(S) IN SIMULATION
MODEL TIME UNIT IS DAYS

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:  8  0  9 11  0  0  0 18 16  0  0 19  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
START HEAD WILL BE SAVED
   58672 ELEMENTS IN X ARRAY ARE USED BY BAS
   58672 ELEMENTS OF X ARRAY USED OUT OF  350000

BCF2 -- BLOCK-CENTERED FLOW PACKAGE, VERSION 2, 7/1/91 INPUT READ FROM UNIT  8
STEADY-STATE SIMULATION
CELL-BY-CELL FLOWS WILL BE RECORDED ON UNIT 77
HEAD AT CELLS THAT CONVERT TO DRY=  0.00000E+00
WETTING CAPABILITY IS NOT ACTIVE
     LAYER  AQUIFER TYPE
     -------------------
        1         1
        2         3
   13942 ELEMENTS IN X ARRAY ARE USED BY BCF
   72614 ELEMENTS OF X ARRAY USED OUT OF  350000

DRN1 -- DRAIN PACKAGE, VERSION 1, 9/1/87 INPUT READ FROM UNIT  9
MAXIMUM OF  238 DRAINS
CELL-BY-CELL FLOWS WILL BE RECORDED ON UNIT 77
    1190 ELEMENTS IN X ARRAY ARE USED FOR DRAINS
   73804 ELEMENTS OF X ARRAY USED OUT OF  350000

RCH1 -- RECHARGE PACKAGE, VERSION 1, 9/1/87 INPUT READ FROM UNIT 18
OPTION 3 -- RECHARGE TO HIGHEST ACTIVE NODE IN EACH VERTICAL COLUMN
CELL-BY-CELL FLOW TERMS WILL BE RECORDED ON UNIT 78
    2788 ELEMENTS OF X ARRAY USED FOR RECHARGE
   76592 ELEMENTS OF X ARRAY USED OUT OF  350000

RIV1 -- RIVER PACKAGE, VERSION 1, 9/1/87 INPUT READ FROM UNIT 11
MAXIMUM OF   41 RIVER NODES
CELL-BY-CELL FLOWS WILL BE RECORDED ON UNIT 77
     246 ELEMENTS IN X ARRAY ARE USED FOR RIVERS
   76838 ELEMENTS OF X ARRAY USED OUT OF  350000

SIP1 -- STRONGLY IMPLICIT PROCEDURE SOLUTION PACKAGE, VERSION 1, 9/1/87 INPUT READ FROM UNIT 16
MAXIMUM OF 500 ITERATIONS ALLOWED FOR CLOSURE
 5 ITERATION PARAMETERS
   24309 ELEMENTS IN X ARRAY ARE USED BY SIP
  101147 ELEMENTS OF X ARRAY USED OUT OF  350000
```

BOUNDARY ARRAY FOR LAYER 1 WILL BE READ ON UNIT 20 USING FORMAT: (8I10)

BOUNDARY ARRAY FOR LAYER 2 WILL BE READ ON UNIT 21 USING FORMAT: (8I10)

AQUIFER HEAD WILL BE SET TO 0.00000E+00 AT ALL NO-FLOW NODES (IBOUND=0).

INITIAL HEAD FOR LAYER 1 WILL BE READ ON UNIT 22 USING FORMAT: (8F10.2)

| | 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 | | | | | | |
| 1 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 2 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 3 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 4 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 5 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 6 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 7 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 8 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 9 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 10 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 11 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 12 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 13 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 14 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 15 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 16 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 17 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 18 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 19 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 20 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 21 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 22 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 23 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 24 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 25 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 26 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 27 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 28 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 29 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 30 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 31 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 32 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 33 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1546. | 1597. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 34 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 1430. | 1469. | 1527. | 1578. | 1630. | 1712. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 35 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 1398. | 1448. | 1491. | 1536. | 1584. | 1623. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 36 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1397. |
| | 1429. | 1465. | 1525. | 1564. | 1606. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 37 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1394. |
| | 1422. | 1487. | 1527. | 0.0000E+00 | 1576. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 38 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 39 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 1538. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 40 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 1487. | 1535. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 41 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 1510. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 42 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 1495. | 1509. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 43 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 44 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 45 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 46 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 47 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 48 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 49 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 50 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 51 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 52 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 53 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 54 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 55 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 56 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 57 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 58 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 59 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 60 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 61 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 62 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 63 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 64 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 65 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 66 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 67 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 68 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 69 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 70 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 71 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 72 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 73 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 74 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 75 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 76 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 77 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 78 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 79 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 80 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 81 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 82 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |

INITIAL HEAD FOR LAYER 2 WILL BE READ ON UNIT 23 USING FORMAT: (8F10.2)

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | | | | | | |
| 1 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 2 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 3 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 4 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 5 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 6 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 7 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 8 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 9 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 10 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 11 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 12 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 13 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 14 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1663. | 1662. | 1687. | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 15 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1694. | 1741. | 1704. | 1645. | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 16 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1784. | 1744. |
| | 1758. | 1718. | 1729. | 1771. | 1813. | 1796. | 1745. | 1674. | 0.0000E+00 | 0.0000E+00 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 17 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1815. | 1813. | 1820. |
| | 1805. | 1806. | 1810. | 1836. | 1823. | 1800. | 1753. | 1652. | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 18 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1779. | 1786. | 1804. | 1802. |
| | 1839. | 1853. | 1856. | 1840. | 1753. | 1736. | 1737. | 1694. | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 19 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1702. | 1747. | 1724. | 1750. | 1772. |
| | 1802. | 1859. | 1866. | 1812. | 1765. | 1703. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 20 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1685. | 1679. | 1692. | 1748. | 1799. |
| | 1845. | 1855. | 1851. | 1826. | 1789. | 1741. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 21 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1639. | 1637. | 1688. | 1747. | 1780. | 1833. |
| | 1853. | 1834. | 1819. | 1817. | 1794. | 1704. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 22 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1606. | 1659. | 1726. | 1760. | 1784. | 1822. |
| | 1817. | 1780. | 1791. | 1814. | 1764. | 1686. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 23 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1605. | 1691. | 1711. | 1682. | 1735. | 1796. |
| | 1789. | 1753. | 1773. | 1806. | 1736. | 1645. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 24 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1575. | 1650. | 1713. | 1676. | 1646. | 1706. | 1754. |
| | 1742. | 1709. | 1797. | 1797. | 1719. | 1607. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 25 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1589. | 1646. | 1656. | 1602. | 1643. | 1698. | 1723. |
| | 1696. | 1747. | 1757. | 1744. | 1652. | 1610. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 26 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 1543. | 1554. | 1600. | 1571. | 1562. | 1629. | 1691. | 1705. |
| | 1651. | 1710. | 1711. | 1707. | 1698. | 1602. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 27 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 1488. | 1502. | 1507. | 1522. | 1589. | 1635. | 1689. | 1695. |
| | 1649. | 1642. | 1657. | 1703. | 1671. | 1590. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 28 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1486. | 1501. | 1536. | 1617. | 1666. | 1683. | 1667. |
| | 1611. | 1625. | 1644. | 1674. | 1652. | 1587. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 29 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1495. | 1536. | 1588. | 1632. | 1655. | 1669. | 1654. |
| | 1614. | 1594. | 1612. | 1654. | 1637. | 1594. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 30 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1494. | 1555. | 1601. | 1599. | 1650. | 1653. | 1630. |
| | 1591. | 1571. | 1604. | 1631. | 1602. | 1564. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 31 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1468. | 1534. | 1545. | 1601. | 1655. | 1648. | 1616. |
| | 1565. | 1564. | 1615. | 1626. | 1594. | 1508. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 32 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 1429. | 1472. | 1519. | 1568. | 1647. | 1661. | 1651. | 1619. |
| | 1580. | 1557. | 1612. | 1607. | 1553. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 33 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 1428. | 1487. | 1551. | 1585. | 1654. | 1651. | 1628. | 1630. |
| | 1575. | 1557. | 1604. | 1604. | 1543. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 34 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 1432. | 1470. | 1530. | 1567. | 1618. | 1655. | 1632. | 1592. | 1565. |
| | 1565. | 1537. | 1601. | 1583. | 1473. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 35 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 1410. | 1421. | 1492. | 1539. | 1570. | 1613. | 1650. | 1642. | 1599. | 1575. |
| | 1526. | 1492. | 1549. | 1545. | 1448. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 36 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1393. |
| | 1432. | 1477. | 1506. | 1546. | 1561. | 1574. | 1573. | 1622. | 1612. | 1608. |
| | 1593. | 1490. | 1498. | 1533. | 1421. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 37 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1380. |
| | 1424. | 1490. | 1513. | 1530. | 1526. | 1540. | 1605. | 1591. | 1605. | 1620. |
| | 1606. | 1521. | 1474. | 1437. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 38 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1387. |
| | 1422. | 1478. | 1508. | 1518. | 1503. | 1493. | 1550. | 1568. | 1561. | 1620. |
| | 1605. | 1579. | 1527. | 1452. | 1434. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 39 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1395. |
| | 1418. | 1469. | 1507. | 1510. | 1475. | 1500. | 1547. | 1481. | 1573. | 1616. |
| | 1622. | 1613. | 1556. | 1544. | 1472. | 1381. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 40 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1383. | 1401. |
| | 1425. | 1467. | 1494. | 1471. | 1427. | 1495. | 1460. | 1501. | 1562. | 1556. |
| | 1556. | 1619. | 1607. | 1567. | 1480. | 1438. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 41 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1346. |
| | 1408. | 1460. | 1476. | 1467. | 1396. | 1409. | 1505. | 1540. | 1502. | 1488. |
| | 1576. | 1589. | 1576. | 1570. | 1545. | 1476. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 42 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1330. | 1343. | 1365. |
| | 1414. | 1452. | 1456. | 1455. | 1407. | 1408. | 1459. | 1445. | 1445. | 1530. |
| | 1614. | 1540. | 1479. | 1560. | 1560. | 1525. | 1455. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 43 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1326. | 1371. | 1407. |
| | 1416. | 1436. | 1440. | 1404. | 1360. | 1418. | 1401. | 1433. | 1489. | 1580. |
| | 1552. | 1510. | 1432. | 1505. | 1500. | 1520. | 1452. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 44 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1305. | 1348. | 1350. |
| | 1410. | 1396. | 1410. | 1392. | 1342. | 1352. | 1403. | 1490. | 1526. | 1540. |
| | 1530. | 1475. | 1400. | 1440. | 1505. | 1540. | 1475. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 45 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1291. | 1320. |
| | 1357. | 1379. | 1418. | 1413. | 1344. | 1359. | 1425. | 1450. | 1472. | 1495. |
| | 1461. | 140[illegible]. | 1408. | 1450. | 1531. | 1545. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 46 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1296. | 1292. |
| | 1299. | 1304. | 1399. | 1417. | 1339. | 1356. | 1389. | 1400. | 1480. | 1480. |
| | 1382. | 0.0000E+00 | 1407. | 1456. | 1515. | 1528. | 1470. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 47 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1303. |
| | 1301. | 1256. | 1362. | 1410. | 1343. | 1345. | 1411. | 1457. | 1466. | 1419. |
| | 0.0000E+00 | 0.0000E+00 | 1411. | 1460. | 1550. | 1526. | 1500. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 48 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1322. |
| | 1305. | 1253. | 1351. | 1397. | 1310. | 1358. | 1412. | 1464. | 1428. | 1407. |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1454. | 1541. | 1530. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 49 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 1300. | 1294. | 1253. | 1330. | 1295. | 1361. | 1414. | 1433. | 1349. | 1365. |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1432. | 1493. | 1503. | 1442. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 50 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 1313. | 1260. | 1295. | 1282. | 1356. | 1414. | 1412. | 1350. | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1381. | 1447. | 1474. | 1437. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 51 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 1305. | 1281. | 1247. | 1268. | 1296. | 1375. | 1399. | 1311. | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1419. | 1458. | 1402. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 52 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 1309. | 1294. | 1244. | 1252. | 1257. | 1280. | 1374. | 1315. | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1447. | 1386. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 53 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 1387. | 1318. | 1281. | 1254. | 1230. | 1323. | 1352. | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 54 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 1350. | 1344. | 1303. | 1241. | 1225. | 1232. | 1308. | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 55 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 1359. | 1277. | 1270. | 1238. | 1192. | 1187. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 56 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0.0000E+00 | 1329. | 1357. | 1342. | 1290. | 1235. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 57 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 1303. | 1353. | 1300. | 1255. | 1288. | 1213. | 1198. | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 58 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 1347. | 1370. | 1358. | 1331. | 1309. | 1248. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 59 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 1338. | 1347. | 1371. | 1347. | 1270. | 1274. | 1259. | 1305. | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 60 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 1320. | 1305. | 1375. | 1376. | 1345. | 1310. | 1293. | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 61 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 1302. | 1308. | 1276. | 1351. | 1391. | 1388. | 1338. | 1281. | 1253. | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 62 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 1350. | 1313. | 1247. | 1327. | 1363. | 1360. | 1252. | 1212. | 1244. | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 63 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 1287. | 1303. | 1243. | 1247. | 1314. | 1297. | 1249. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 64 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 1259. | 1303. | 1240. | 1213. | 1243. | 1281. | 1227. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 65 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 1288. | 1289. | 1200. | 1192. | 1190. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 66 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 1265. | 1307. | 1246. | 1197. | 1192. | 1215. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 67 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 1223. | 1304. | 1293. | 1263. | 1262. | 1304. | 1250. | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 68 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 1253. | 1293. | 1313. | 1352. | 1348. | 1353. | 1295. | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 69 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 1249. | 1266. | 1290. | 1328. | 1285. | 1349. | 1272. | 0.0000E+00 | 0.0000E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 70 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 1229. | 1199. | 1289. | 1302. | 1254. | 1294. | 1235. | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 71 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 1223. | 1262. | 1275. | 1225. | 1243. | 1253. | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 72 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 1244. | 1295. | 1338. | 1318. | 1265. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 73 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 1273. | 1304. | 1308. | 1231. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 74 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1231. | 1250. | 1225. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 75 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1213. | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 76 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 77 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 78 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 79 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 80 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 81 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 82 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |

```
     0.0000E+00  0.0000E+00  0.0000E+00  0.0000E+00

HEAD PRINT FORMAT IS FORMAT NUMBER  -7    DRAWDOWN PRINT FORMAT IS FORMAT NUMBER  -7

HEADS WILL BE SAVED ON UNIT 79    DRAWDOWNS WILL BE SAVED ON UNIT 80

OUTPUT CONTROL IS SPECIFIED EVERY TIME STEP

                                                     COLUMN TO ROW ANISOTROPY =   1.000000

                                                                       DELR =   9840.000

                                                                       DELC =   9840.000

                                                        HYD. COND. ALONG ROWS =  0.5000000     FOR LAYER  1


                                         BOTTOM FOR LAYER  1 WILL BE READ ON UNIT 33 USING FORMAT:  (8F10.2)
                              ----------------------------------------------------------------------------------------------------

                                                     VERT HYD COND /THICKNESS =  0.1000000E-04 FOR LAYER  1


                           HYD. COND. ALONG ROWS FOR LAYER  2 WILL BE READ ON UNIT 32 USING FORMAT:  (8F10.2)
                              ----------------------------------------------------------------------------------------------------


                                         BOTTOM FOR LAYER  2 WILL BE READ ON UNIT 38 USING FORMAT:  (8F10.2)
                              ----------------------------------------------------------------------------------------------------


                                            TOP FOR LAYER  2 WILL BE READ ON UNIT 36 USING FORMAT:  (8F10.2)
                              ----------------------------------------------------------------------------------------------------


                                                     SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
                                                     -------------------------------------------

                                            MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =       500
                                                           ACCELERATION PARAMETER =      1.0000
                                                 HEAD CHANGE CRITERION FOR CLOSURE =    0.10000E-02
                                                 SIP HEAD CHANGE PRINTOUT INTERVAL =         1

    5 ITERATION PARAMETERS CALCULATED FROM SPECIFIED WSEED = 0.00100000 :

           0.0000000E+00  0.8221720E+00  0.9683772E+00  0.9943766E+00  0.9990000E+00
```

STRESS PERIOD NO. 1, LENGTH = 1.000000

NUMBER OF TIME STEPS = 1

MULTIPLIER FOR DELT = 1.000

INITIAL TIME STEP SIZE = 1.000000

238 DRAINS

| LAYER | ROW | COL | ELEVATION | CONDUCTANCE | DRAIN NO. |
|---|---|---|---|---|---|
| 2 | 14 | 26 | 1682. | 0.5510E+05 | 1 |
| 2 | 14 | 27 | 1662. | 0.1291E+05 | 2 |
| 2 | 14 | 28 | 1650. | 107.6 | 3 |
| 2 | 15 | 25 | 1695. | 6457. | 4 |
| 2 | 15 | 28 | 1647. | 0.1291E+05 | 5 |
| 2 | 16 | 20 | 1745. | 0.1722E+05 | 6 |
| 2 | 16 | 21 | 1735. | 1722. | 7 |
| 2 | 16 | 22 | 1725. | 0.2690E+05 | 8 |
| 2 | 16 | 23 | 1712. | 6457. | 9 |
| 2 | 16 | 24 | 1705. | 645.7 | 10 |
| 2 | 16 | 28 | 1645. | 1722. | 11 |
| 2 | 17 | 18 | 1817. | 0.7000 | 12 |
| 2 | 17 | 23 | 1770. | 1099. | 13 |
| 2 | 17 | 28 | 1645. | 0.1291E+05 | 14 |
| 2 | 18 | 17 | 1740. | 1125. | 15 |
| 2 | 18 | 25 | 1728. | 5166. | 16 |
| 2 | 18 | 26 | 1720. | 3444. | 17 |
| 2 | 18 | 27 | 1725. | 1722. | 18 |
| 2 | 18 | 28 | 1660. | 1076. | 19 |
| 2 | 19 | 16 | 1700. | 3400. | 20 |
| 2 | 19 | 20 | 1750. | 6800. | 21 |
| 2 | 19 | 25 | 1750. | 6888. | 22 |
| 2 | 19 | 26 | 1700. | 0.1722E+05 | 23 |
| 2 | 20 | 16 | 1665. | 1913. | 24 |
| 2 | 20 | 17 | 1665. | 8500. | 25 |
| 2 | 20 | 18 | 1685. | 0.3400E+05 | 26 |
| 2 | 20 | 19 | 1715. | 1700. | 27 |
| 2 | 20 | 26 | 1702. | 860.9 | 28 |
| 2 | 21 | 15 | 1615. | 1700. | 29 |
| 2 | 21 | 16 | 1625. | 8500. | 30 |
| 2 | 21 | 26 | 1710. | 0.2583E+05 | 31 |
| 2 | 22 | 15 | 1600. | 5313. | 32 |
| 2 | 22 | 26 | 1645. | 2152. | 33 |
| 2 | 23 | 15 | 1575. | 3400. | 34 |
| 2 | 23 | 26 | 1615. | 3444. | 35 |
| 2 | 24 | 14 | 1558. | 4250. | 36 |
| 2 | 24 | 18 | 1633. | 0.2258E+05 | 37 |
| 2 | 24 | 26 | 1580. | 4305. | 38 |
| 2 | 25 | 14 | 1550. | 850.0 | 39 |
| 2 | 25 | 17 | 1600. | 7056. | 40 |
| 2 | 26 | 13 | 1510. | 318.8 | 41 |
| 2 | 26 | 17 | 1560. | 0.2205E+05 | 42 |
| 2 | 26 | 26 | 1567. | 2583. | 43 |
| 2 | 27 | 16 | 1538. | 0.9032E+05 | 44 |
| 2 | 27 | 26 | 1570. | 6888. | 45 |
| 2 | 28 | 15 | 1500. | 0.2258E+05 | 46 |
| 2 | 28 | 26 | 1570. | 6457. | 47 |
| 2 | 29 | 26 | 1590. | 8609. | 48 |
| 2 | 30 | 26 | 1550. | 8609. | 49 |
| 2 | 31 | 16 | 1561. | 0.3125E+05 | 50 |
| 2 | 31 | 25 | 1560. | 1291. | 51 |

| | | | | | |
|---|---|---|---|---|---|
| 2 | 31 | 26 | 1496. | 2690. | 52 |
| 2 | 32 | 14 | 1460. | 0.2109E+05 | 53 |
| 2 | 32 | 15 | 1480. | 2.740 | 54 |
| 2 | 32 | 25 | 1470. | 766.1 | 55 |
| 2 | 33 | 25 | 1465. | 390.6 | 56 |
| 2 | 34 | 25 | 1465. | 0.1291E+05 | 57 |
| 2 | 35 | 25 | 1438. | 8609. | 58 |
| 2 | 36 | 17 | 1550. | 1953. | 59 |
| 2 | 36 | 25 | 1426. | 0.1051E+05 | 60 |
| 2 | 37 | 16 | 1500. | 385.5 | 61 |
| 2 | 37 | 24 | 1445. | 0.8438E+05 | 62 |
| 2 | 38 | 16 | 1470. | 0.1735E+05 | 63 |
| 2 | 38 | 24 | 1440. | 0.1290E+05 | 64 |
| 2 | 38 | 25 | 1430. | 0.1500E+05 | 65 |
| 2 | 39 | 18 | 1476. | 0.3084E+05 | 66 |
| 2 | 39 | 26 | 1393. | 0.3444E+05 | 67 |
| 1 | 40 | 12 | 1465. | 0.3000 | 68 |
| 2 | 40 | 17 | 1435. | 3084. | 69 |
| 2 | 40 | 18 | 1482. | 192.8 | 70 |
| 2 | 40 | 21 | 1550. | 4819. | 71 |
| 2 | 40 | 26 | 1450. | 0.3405E+05 | 72 |
| 2 | 41 | 11 | 1375. | 5.850 | 73 |
| 2 | 41 | 12 | 1430. | 0.3000 | 74 |
| 2 | 41 | 16 | 1400. | 0.3084E+05 | 75 |
| 2 | 41 | 20 | 1462. | 8674. | 76 |
| 2 | 41 | 26 | 1475. | 0.1722E+05 | 77 |
| 2 | 42 | 11 | 1403. | 0.6100 | 78 |
| 1 | 42 | 12 | 1489. | 0.9600 | 79 |
| 2 | 42 | 16 | 1370. | 771.0 | 80 |
| 2 | 42 | 18 | 1443. | 771.0 | 81 |
| 2 | 42 | 19 | 1430. | 0.3084E+05 | 82 |
| 2 | 42 | 27 | 1445. | 0.1291E+05 | 83 |
| 2 | 43 | 14 | 1410. | 96.37 | 84 |
| 2 | 43 | 15 | 1370. | 0.3084E+05 | 85 |
| 2 | 43 | 17 | 1380. | 7710. | 86 |
| 2 | 43 | 18 | 1395. | 1735. | 87 |
| 2 | 43 | 23 | 1403. | 2950. | 88 |
| 2 | 43 | 27 | 1450. | 0.1291E+05 | 89 |
| 2 | 44 | 12 | 1365. | 759.4 | 90 |
| 2 | 44 | 14 | 1380. | 12.04 | 91 |
| 2 | 44 | 15 | 1341. | 0.3084E+05 | 92 |
| 2 | 44 | 16 | 1331. | 0.1157E+05 | 93 |
| 2 | 44 | 23 | 1365. | 2517. | 94 |
| 2 | 44 | 24 | 1415. | 2655. | 95 |
| 2 | 44 | 27 | 1430. | 968.5 | 96 |
| 2 | 45 | 11 | 1315. | 225.0 | 97 |
| 2 | 45 | 16 | 1341. | 7710. | 98 |
| 2 | 45 | 22 | 1334. | 1563. | 99 |
| 2 | 45 | 23 | 1403. | 0.1007E+05 | 100 |
| 2 | 45 | 24 | 1405. | 1062. | 101 |
| 2 | 45 | 25 | 1410. | 140.6 | 102 |
| 2 | 46 | 11 | 1295. | 6328. | 103 |
| 2 | 46 | 16 | 1340. | 0.1542E+05 | 104 |
| 2 | 46 | 17 | 1365. | 3084. | 105 |
| 2 | 46 | 21 | 1374. | 0.2014E+05 | 106 |
| 2 | 46 | 23 | 1403. | 3146. | 107 |
| 2 | 46 | 24 | 1460. | 0.1007E+05 | 108 |
| 2 | 46 | 25 | 1500. | 1500. | 109 |
| 2 | 46 | 27 | 1499. | 0.2500E+05 | 110 |
| 2 | 47 | 13 | 1360. | 0.6100 | 111 |
| 2 | 47 | 15 | 1310. | 1542. | 112 |
| 2 | 47 | 23 | 1340. | 700.7 | 113 |
| 2 | 47 | 26 | 1495. | 1406. | 114 |
| 2 | 47 | 27 | 1485. | 1614. | 115 |
| 2 | 48 | 15 | 1290. | 6168. | 116 |
| 2 | 48 | 20 | 1400. | 0.1007E+05 | 117 |

| | | | | | |
|---|---|---|---|---|---|
| 2 | 48 | 24 | 1460. | 0.1229E+05 | 118 |
| 2 | 48 | 26 | 1475. | 527.3 | 119 |
| 2 | 49 | 15 | 1270. | 4626. | 120 |
| 2 | 49 | 19 | 1342. | 7866. | 121 |
| 2 | 49 | 20 | 1359. | 2458. | 122 |
| 2 | 49 | 24 | 1400. | 1259. | 123 |
| 2 | 49 | 27 | 1420. | 1875. | 124 |
| 2 | 50 | 15 | 1245. | 2168. | 125 |
| 2 | 50 | 24 | 1352. | 2517. | 126 |
| 2 | 50 | 25 | 1435. | 2517. | 127 |
| 2 | 50 | 27 | 1390. | 703.1 | 128 |
| 2 | 51 | 19 | 1285. | 2212. | 129 |
| 2 | 51 | 25 | 1405. | 5034. | 130 |
| 2 | 51 | 27 | 1415. | 0.3955E+05 | 131 |
| 2 | 52 | 19 | 1310. | 0.1007E+05 | 132 |
| 2 | 52 | 26 | 1440. | 1875. | 133 |
| 2 | 52 | 27 | 1381. | 4688. | 134 |
| 2 | 53 | 18 | 1305. | 1.030 | 135 |
| 2 | 54 | 17 | 1200. | 2930. | 136 |
| 2 | 54 | 18 | 1305. | 1259. | 137 |
| 2 | 55 | 13 | 1266. | 0.1500E+05 | 138 |
| 2 | 55 | 14 | 1242. | 1875. | 139 |
| 2 | 56 | 12 | 1315. | 5000. | 140 |
| 2 | 57 | 12 | 1310. | 0.4395E+05 | 141 |
| 2 | 57 | 18 | 1198. | 0.1000E+05 | 142 |
| 2 | 58 | 17 | 1210. | 2250. | 143 |
| 2 | 59 | 16 | 1256. | 7500. | 144 |
| 2 | 60 | 18 | 1272. | 3750. | 145 |
| 2 | 61 | 11 | 1290. | 2500. | 146 |
| 2 | 61 | 13 | 1250. | 5863. | 147 |
| 2 | 61 | 19 | 1240. | 3000. | 148 |
| 2 | 62 | 13 | 1246. | 0.5863E+05 | 149 |
| 2 | 62 | 17 | 1250. | 5859. | 150 |
| 2 | 62 | 18 | 1200. | 7500. | 151 |
| 2 | 62 | 19 | 1228. | 1500. | 152 |
| 2 | 63 | 13 | 1230. | 0.2931E+05 | 153 |
| 2 | 63 | 17 | 1236. | 3750. | 154 |
| 2 | 64 | 11 | 1249. | 0.2000E+05 | 155 |
| 2 | 64 | 14 | 1210. | 0.1466E+05 | 156 |
| 2 | 64 | 17 | 1230. | 0.1500E+05 | 157 |
| 2 | 65 | 12 | 1220. | 187.5 | 158 |
| 2 | 65 | 14 | 1180. | 0.1173E+05 | 159 |
| 2 | 65 | 15 | 1175. | 5863. | 160 |
| 2 | 65 | 16 | 1160. | 2931. | 161 |
| 2 | 66 | 12 | 1240. | 953.7 | 162 |
| 2 | 66 | 16 | 1170. | 2500. | 163 |
| 2 | 66 | 17 | 1202. | 1875. | 164 |
| 2 | 67 | 16 | 1220. | 1500. | 165 |
| 2 | 67 | 18 | 1233. | 5000. | 166 |
| 2 | 69 | 13 | 1233. | 1875. | 167 |
| 2 | 69 | 16 | 1295. | 0.3189E+05 | 168 |
| 2 | 70 | 12 | 1213. | 3750. | 169 |
| 2 | 70 | 18 | 1216. | 4000. | 170 |
| 2 | 71 | 13 | 1205. | 7500. | 171 |
| 2 | 71 | 16 | 1215. | 6719. | 172 |
| 2 | 71 | 17 | 1220. | 4031. | 173 |
| 2 | 72 | 12 | 1235. | 0.1500E+05 | 174 |
| 2 | 73 | 13 | 1250. | 1875. | 175 |
| 2 | 73 | 16 | 1220. | 0.1500E+05 | 176 |
| 2 | 74 | 14 | 1223. | 3662. | 177 |
| 2 | 74 | 16 | 1236. | 0.3708E+05 | 178 |
| 2 | 75 | 15 | 1190. | 1875. | 179 |
| 2 | 21 | 23 | 1794. | 1.640 | 180 |
| 2 | 22 | 23 | 1761. | 1948. | 181 |
| 2 | 23 | 22 | 1735. | 6299. | 182 |
| 2 | 24 | 22 | 1716. | 0.1055E+05 | 183 |

| | | | | | |
|---|---|---|---|---|---|
| 2 | 25 | 21 | 1662. | 2126. | 184 |
| 2 | 26 | 21 | 1630. | 0.1008E+05 | 185 |
| 2 | 27 | 21 | 1625. | 1594. | 186 |
| 2 | 28 | 21 | 1600. | 0.1075E+05 | 187 |
| 2 | 29 | 22 | 1580. | 0.1075E+05 | 188 |
| 2 | 30 | 22 | 1565. | 0.1290E+05 | 189 |
| 2 | 31 | 22 | 1550. | 0.1075E+05 | 190 |
| 2 | 32 | 22 | 1541. | 0.1075E+05 | 191 |
| 2 | 33 | 22 | 1530. | 3189. | 192 |
| 2 | 35 | 22 | 1469. | 4031. | 193 |
| 2 | 36 | 22 | 1467. | 2016. | 194 |
| 2 | 36 | 23 | 1465. | 2126. | 195 |
| 2 | 37 | 23 | 1458. | 2834. | 196 |
| 2 | 35 | 21 | 1510. | 0.1075E+05 | 197 |
| 2 | 37 | 22 | 1495. | 4031. | 198 |
| 2 | 31 | 21 | 1560. | 0.1344E+05 | 199 |
| 2 | 29 | 23 | 1636. | 0.1266E+06 | 200 |
| 2 | 28 | 23 | 1640. | 0.1134E+05 | 201 |
| 2 | 27 | 23 | 1650. | 0.1075E+05 | 202 |
| 2 | 26 | 23 | 1705. | 1.310 | 203 |
| 2 | 34 | 22 | 1505. | 3189. | 204 |
| 2 | 34 | 20 | 1560. | 0.1075E+05 | 205 |
| 2 | 34 | 19 | 1565. | 3543. | 206 |
| 2 | 59 | 17 | 1231. | 1000. | 207 |
| 2 | 59 | 18 | 1239. | 6000. | 208 |
| 2 | 57 | 15 | 1235. | 8000. | 209 |
| 2 | 56 | 16 | 1205. | 2400. | 210 |
| 2 | 46 | 9 | 1298. | 4000. | 211 |
| 2 | 48 | 10 | 1312. | 4000. | 212 |
| 2 | 48 | 11 | 1295. | 8000. | 213 |
| 2 | 50 | 12 | 1280. | 250.0 | 214 |
| 2 | 51 | 12 | 1279. | 781.3 | 215 |
| 2 | 52 | 13 | 1270. | 2250. | 216 |
| 2 | 67 | 15 | 1246. | 4500. | 217 |
| 2 | 66 | 15 | 1180. | 0.1200E+05 | 218 |
| 2 | 73 | 14 | 1245. | 195.3 | 219 |
| 2 | 74 | 15 | 1245. | 0.6000E+05 | 220 |
| 2 | 69 | 18 | 1233. | 1250. | 221 |
| 2 | 67 | 12 | 1195. | 4000. | 222 |
| 2 | 68 | 18 | 1245. | 500.0 | 223 |
| 2 | 70 | 13 | 1200. | 0.1172E+05 | 224 |
| 2 | 70 | 16 | 1250. | 0.2150E+05 | 225 |
| 2 | 71 | 14 | 1250. | 9375. | 226 |
| 2 | 45 | 26 | 1520. | 375.0 | 227 |
| 2 | 40 | 25 | 1450. | 2500. | 228 |
| 2 | 42 | 23 | 1450. | 4688. | 229 |
| 2 | 43 | 25 | 1512. | 2500. | 230 |
| 2 | 25 | 25 | 1626. | 3000. | 231 |
| 2 | 19 | 18 | 1712. | 5000. | 232 |
| 2 | 30 | 25 | 1595. | 3000. | 233 |
| 2 | 39 | 15 | 1439. | 2813. | 234 |
| 2 | 40 | 14 | 1470. | 5000. | 235 |
| 2 | 41 | 15 | 1401. | 0.1221E+05 | 236 |
| 2 | 40 | 15 | 1425. | 6500. | 237 |
| 2 | 46 | 18 | 1390. | 5000. | 238 |

RECHARGE WILL BE READ ON UNIT 75 USING FORMAT: (8E10.3)

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| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 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 | | | | | | |

..................................................................................................................................

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 2 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 3 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 4 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 5 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 6 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 7 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 8 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 9 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 10 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 11 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 12 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 13 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 14 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 2.8633E-04 | 2.8633E-04 | 2.8644E-04 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 15 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 2.8809E-04 | 2.8809E-04 | 2.8820E-04 | 2.8820E-04 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 16 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 2.9238E-04 | 2.9161E-04 |
| | 2.9095E-04 | 2.9051E-04 | 2.9018E-04 | 2.8996E-04 | 2.8996E-04 | 2.8996E-04 | 2.8996E-04 | 2.9007E-04 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 17 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 2.9579E-04 | 2.9491E-04 | 3.6762E-04 |
| | 1.6500E-04 | 1.6478E-04 | 2.9238E-04 | 2.9216E-04 | 2.9194E-04 | 2.9172E-04 | 2.9172E-04 | 2.9183E-04 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 18 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 2.9909E-04 | 2.9821E-04 | 2.9744E-04 | 2.9656E-04 |
| | 2.9590E-04 | 2.9524E-04 | 4.4220E-04 | 2.9425E-04 | 2.9370E-04 | 2.9348E-04 | 2.9348E-04 | 2.9348E-04 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 19 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 3.0206E-04 | 3.0151E-04 | 3.0074E-04 | 2.9997E-04 | 2.9909E-04 |
| | 2.9843E-04 | 2.9777E-04 | 2.9722E-04 | 2.9634E-04 | 2.9546E-04 | 2.9524E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 20 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 3.0437E-04 | 3.0393E-04 | 3.0327E-04 | 3.0250E-04 | 3.0173E-04 |
| | 3.0107E-04 | 4.5056E-04 | 4.4902E-04 | 2.9788E-04 | 2.9700E-04 | 2.9700E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 21 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 3.0668E-04 | 3.0657E-04 | 3.0624E-04 | 3.0569E-04 | 3.0503E-04 | 3.0437E-04 |
| | 3.0371E-04 | 3.0261E-04 | 3.0085E-04 | 2.9920E-04 | 2.9865E-04 | 2.9876E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 22 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 3.0877E-04 | 3.0877E-04 | 3.0855E-04 | 4.6211E-04 | 3.0767E-04 | 4.6068E-04 |
| | 3.0602E-04 | 2.2803E-04 | 3.0206E-04 | 3.0096E-04 | 3.0052E-04 | 3.0052E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 23 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 3.1086E-04 | 3.1108E-04 | 3.1097E-04 | 2.3298E-04 | 3.1009E-04 | 3.0921E-04 |
| | 3.0756E-04 | 3.0514E-04 | 3.0316E-04 | 3.0239E-04 | 3.0228E-04 | 3.0217E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 24 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 3.1174E-04 | 3.1240E-04 | 4.6948E-04 | 3.1306E-04 | 3.1295E-04 | 3.1218E-04 | 3.1064E-04 |
| | 3.0844E-04 | 3.0613E-04 | 3.0437E-04 | 3.0360E-04 | 3.0393E-04 | 3.0382E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 25 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 3.1339E-04 | 3.1383E-04 | 4.7113E-04 | 3.1416E-04 | 3.1416E-04 | 3.1361E-04 | 3.1141E-04 |
| | 3.0899E-04 | 3.0701E-04 | 3.0602E-04 | 3.0536E-04 | 3.0558E-04 | 2.2913E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 26 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 3.1350E-04 | 3.1350E-04 | 3.1416E-04 | 3.1416E-04 | 3.1416E-04 | 3.1416E-04 | 3.1394E-04 | 3.1218E-04 |
| | 3.0921E-04 | 3.0767E-04 | 3.0734E-04 | 3.0712E-04 | 3.0712E-04 | 3.0701E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 27 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 3.1383E-04 | 3.1361E-04 | 2.3518E-04 | 2.3562E-04 | 3.1383E-04 | 3.1416E-04 | 3.1394E-04 | 3.1251E-04 |
| | 3.1009E-04 | 3.0855E-04 | 3.0833E-04 | 3.0855E-04 | 3.0855E-04 | 3.0844E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 28 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 3.1405E-04 | 3.1361E-04 | 3.1339E-04 | 4.9005E-04 | 3.1350E-04 | 3.1372E-04 | 3.1207E-04 |
| | 3.1097E-04 | 2.3232E-04 | 3.0932E-04 | 3.0987E-04 | 3.0987E-04 | 3.0987E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 29 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 4.9082E-04 | 3.1416E-04 | 3.1372E-04 | 3.1350E-04 | 3.1350E-04 | 3.1350E-04 | 3.1317E-04 |
| | 3.1218E-04 | 3.1108E-04 | 3.1053E-04 | 3.1108E-04 | 3.1119E-04 | 3.1119E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 30 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 4.9082E-04 | 3.1416E-04 | 3.1416E-04 | 2.3529E-04 | 3.1350E-04 | 3.1350E-04 | 3.1339E-04 |
| | 3.1295E-04 | 3.1229E-04 | 3.1196E-04 | 3.1229E-04 | 2.3430E-04 | 3.1240E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 31 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 3.1416E-04 | 3.1416E-04 | 3.1416E-04 | 2.3551E-04 | 3.1350E-04 | 3.1350E-04 | 3.1328E-04 |
| | 3.1317E-04 | 3.1306E-04 | 3.1306E-04 | 3.1339E-04 | 3.1350E-04 | 3.1361E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 32 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 3.1416E-04 | 3.1416E-04 | 3.1416E-04 | 3.1416E-04 | 4.7069E-04 | 4.7025E-04 | 3.1339E-04 | 3.1328E-04 |
| | 3.1339E-04 | 3.1350E-04 | 3.1405E-04 | 3.1438E-04 | 3.1460E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 33 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 3.1097E-04 | 3.1185E-04 | 3.1284E-04 | 3.1262E-04 | 3.1295E-04 | 3.1350E-04 | 3.1328E-04 | 3.1339E-04 |
| | 2.3529E-04 | 3.1405E-04 | 3.1460E-04 | 3.1537E-04 | 2.3672E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 34 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 2.2913E-04 | 3.0701E-04 | 3.0811E-04 | 3.0910E-04 | 3.1009E-04 | 3.1141E-04 | 3.1295E-04 | 3.1339E-04 | 3.1372E-04 |
| | 2.3562E-04 | 3.1482E-04 | 3.1537E-04 | 3.1636E-04 | 3.1669E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 35 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 2.2462E-04 | 2.2594E-04 | 3.0272E-04 | 3.0426E-04 | 3.0602E-04 | 3.0811E-04 | 3.0998E-04 | 3.1196E-04 | 3.1350E-04 | 3.1405E-04 |
| | 3.1482E-04 | 3.1559E-04 | 3.1647E-04 | 2.3782E-04 | 3.1768E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 36 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 2.9502E-04 |
| | 2.9601E-04 | 2.9733E-04 | 2.9909E-04 | 3.0129E-04 | 3.0404E-04 | 3.0723E-04 | 3.0976E-04 | 3.1218E-04 | 3.1372E-04 | 3.1438E-04 |
| | 3.1526E-04 | 3.1647E-04 | 3.1713E-04 | 3.1801E-04 | 3.1834E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 37 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 2.9183E-04 |
| | 2.9293E-04 | 2.9436E-04 | 2.9656E-04 | 2.9953E-04 | 3.0305E-04 | 3.0701E-04 | 3.0998E-04 | 3.1196E-04 | 3.1372E-04 | 3.1449E-04 |
| | 3.1559E-04 | 3.1680E-04 | 3.1790E-04 | 3.1867E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 38 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 2.8974E-04 |
| | 2.9073E-04 | 2.9238E-04 | 2.9502E-04 | 2.9832E-04 | 3.0261E-04 | 3.0701E-04 | 3.0998E-04 | 3.1163E-04 | 2.3474E-04 | 4.7113E-04 |
| | 3.1537E-04 | 3.1658E-04 | 2.3848E-04 | 1.5950E-04 | 1.5972E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 39 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 4.5001E-04 |
| | 2.1703E-04 | 2.9106E-04 | 2.9392E-04 | 2.9788E-04 | 3.0261E-04 | 3.0701E-04 | 3.0965E-04 | 3.1097E-04 | 3.1185E-04 | 4.6948E-04 |
| | 4.7102E-04 | 3.1526E-04 | 3.1691E-04 | 1.5939E-04 | 2.3969E-04 | 3.2010E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 40 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 4.4704E-04 | 2.8710E-04 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2.8853E-04 | 2.9040E-04 | 2.9370E-04 | 2.9799E-04 | 2.2704E-04 | 3.0624E-04 | 3.0844E-04 | 3.0987E-04 | 4.6618E-04 | 3.1174E-04 |
| | 1.1726E-04 | 4.7135E-04 | 3.1614E-04 | 3.1823E-04 | 3.1944E-04 | 3.2043E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 41 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 2.8688E-04 |
| | 2.8853E-04 | 2.9062E-04 | 2.9414E-04 | 2.9865E-04 | 3.0294E-04 | 3.0558E-04 | 3.0723E-04 | 3.0866E-04 | 3.8731E-04 | 3.1086E-04 |
| | 3.1185E-04 | 3.1328E-04 | 3.1515E-04 | 3.1702E-04 | 3.1900E-04 | 1.6027E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 42 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 2.8567E-04 | 2.8633E-04 | 2.8765E-04 |
| | 2.8941E-04 | 2.9161E-04 | 2.9535E-04 | 2.9920E-04 | 3.0272E-04 | 3.0503E-04 | 3.0635E-04 | 3.0778E-04 | 3.0899E-04 | 3.1020E-04 |
| | 7.2985E-04 | 1.5642E-04 | 3.1460E-04 | 3.1658E-04 | 3.1845E-04 | 2.4024E-04 | 3.2208E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 43 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 2.8787E-04 | 2.8864E-04 | 4.3450E-04 |
| | 2.9106E-04 | 2.9337E-04 | 2.9678E-04 | 2.9964E-04 | 3.0217E-04 | 3.0415E-04 | 3.0569E-04 | 3.0712E-04 | 3.0855E-04 | 4.6497E-04 |
| | 3.1141E-04 | 1.5653E-04 | 3.1471E-04 | 2.3738E-04 | 2.3870E-04 | 2.4013E-04 | 3.2219E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 44 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 2.9051E-04 | 2.9117E-04 | 2.1901E-04 |
| | 4.4011E-04 | 2.9568E-04 | 2.9799E-04 | 2.9997E-04 | 3.0195E-04 | 3.0382E-04 | 3.0536E-04 | 3.0679E-04 | 3.0844E-04 | 3.1009E-04 |
| | 3.1174E-04 | 7.8320E-05 | 3.1526E-04 | 1.5851E-04 | 2.3914E-04 | 2.4035E-04 | 1.6115E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 45 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 2.9403E-04 | 2.9502E-04 |
| | 2.9612E-04 | 2.9755E-04 | 4.4869E-04 | 3.0063E-04 | 3.0239E-04 | 3.0415E-04 | 3.0558E-04 | 2.3034E-04 | 2.3166E-04 | 3.1075E-04 |
| | 3.1251E-04 | 1.9888E-04 | 1.5807E-04 | 3.5783E-04 | 3.1988E-04 | 1.0043E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 46 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 2.9689E-04 | 2.9755E-04 |
| | 2.9843E-04 | 2.9931E-04 | 3.0041E-04 | 3.0184E-04 | 2.2759E-04 | 3.0492E-04 | 3.0635E-04 | 1.7325E-04 | 3.0998E-04 | 3.1185E-04 |
| | 1.5686E-04 | 0.0000E+00 | 3.1746E-04 | 1.5972E-04 | 1.6071E-04 | 8.0630E-05 | 2.4343E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 47 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 2.2462E-04 |
| | 3.0019E-04 | 3.0096E-04 | 3.0228E-04 | 3.0360E-04 | 3.0514E-04 | 2.2990E-04 | 3.0789E-04 | 3.0954E-04 | 3.1152E-04 | 7.8320E-05 |
| | 0.0000E+00 | 0.0000E+00 | 3.5871E-04 | 4.0150E-05 | 3.2384E-04 | 3.2560E-04 | 3.2725E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 48 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 3.0129E-04 |
| | 3.0206E-04 | 3.0316E-04 | 4.5694E-04 | 3.0602E-04 | 3.0723E-04 | 2.3133E-04 | 3.0965E-04 | 3.1152E-04 | 3.1328E-04 | 1.5741E-04 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 3.2307E-04 | 3.2626E-04 | 3.3000E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 49 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 2.2825E-04 | 3.0558E-04 | 3.0745E-04 | 3.0855E-04 | 3.0943E-04 | 3.1042E-04 | 3.1152E-04 | 3.1273E-04 | 3.1372E-04 | 3.1471E-04 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1.6247E-04 | 3.2879E-04 | 3.3308E-04 | 1.6885E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 50 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 3.0811E-04 | 3.0998E-04 | 3.1130E-04 | 3.1185E-04 | 3.1229E-04 | 3.1306E-04 | 3.1350E-04 | 1.9580E-05 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 3.6762E-04 | 1.6566E-04 | 1.6808E-04 | 1.7061E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 51 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 3.1174E-04 | 3.1295E-04 | 3.1350E-04 | 2.3518E-04 | 2.3518E-04 | 3.1350E-04 | 3.1295E-04 | 3.5200E-04 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1.6687E-04 | 1.6951E-04 | 3.4463E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 52 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 2.3628E-04 | 3.1592E-04 | 3.1504E-04 | 4.9016E-04 | 2.3518E-04 | 2.3485E-04 | 3.1284E-04 | 3.1284E-04 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 1.7083E-04 | 3.4749E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 53 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 3.9809E-04 | 3.1823E-04 | 3.1636E-04 | 3.1416E-04 | 4.8983E-04 | 3.1295E-04 | 3.1284E-04 | 0.0000E+00 | 0.0000E+00 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 54 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 3.2153E-04 | 3.2010E-04 | 3.1746E-04 | 3.1460E-04 | 3.1284E-04 | 3.1284E-04 | 3.1295E-04 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 55 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 3.2406E-04 | 3.2164E-04 | 3.1845E-04 | 3.1537E-04 | 3.1317E-04 | 3.1295E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 56 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 3.2637E-04 | 3.2362E-04 | 3.2043E-04 | 3.9710E-04 | 3.1581E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 57 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 3.2912E-04 | 3.2736E-04 | 2.4365E-04 | 3.2241E-04 | 3.2032E-04 | 2.3947E-04 | 3.1966E-04 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 58 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 3.3231E-04 | 3.3187E-04 | 3.3088E-04 | 3.2923E-04 | 3.2725E-04 | 3.2560E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 59 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 2.5124E-04 | 3.3517E-04 | 3.3561E-04 | 3.3572E-04 | 3.3495E-04 | 3.3363E-04 | 3.3231E-04 | 2.4882E-04 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 60 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 2.5300E-04 | 2.5333E-04 | 3.3836E-04 | 3.3891E-04 | 3.3924E-04 | 3.3968E-04 | 3.3957E-04 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 61 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 3.3913E-04 | 3.3924E-04 | 3.3968E-04 | 3.4034E-04 | 3.4111E-04 | 3.4199E-04 | 3.4309E-04 | 2.5773E-04 | 3.4364E-04 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 62 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 3.4089E-04 | 3.4111E-04 | 3.4166E-04 | 3.4232E-04 | 3.4320E-04 | 3.4419E-04 | 3.4507E-04 | 3.4584E-04 | 3.4639E-04 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 63 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 2.5685E-04 | 3.4276E-04 | 3.4331E-04 | 2.5817E-04 | 3.4518E-04 | 3.4617E-04 | 3.4716E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 64 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 3.4364E-04 | 3.4408E-04 | 3.4474E-04 | 3.4573E-04 | 3.4683E-04 | 3.4793E-04 | 3.4903E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 65 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 2.5894E-04 | 3.4617E-04 | 3.4716E-04 | 3.4837E-04 | 3.4958E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 66 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 3.4650E-04 | 3.4738E-04 | 3.4848E-04 | 3.4980E-04 | 3.5101E-04 | 3.5211E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 67 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 2.6081E-04 | 3.4870E-04 | 3.4980E-04 | 3.5101E-04 | 3.5211E-04 | 3.5332E-04 | 3.5431E-04 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 68 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 1.9624E-04 | 2.6235E-04 | 3.5090E-04 | 3.5200E-04 | 3.5321E-04 | 3.5431E-04 | 3.5530E-04 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 69 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 1.9679E-04 | 3.5079E-04 | 2.6389E-04 | 3.5299E-04 | 3.5409E-04 | 3.5519E-04 | 3.5618E-04 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 70 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 3.5068E-04 | 3.5178E-04 | 3.5277E-04 | 3.5387E-04 | 2.6609E-04 | 3.5596E-04 | 3.5706E-04 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 71 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 3.5277E-04 | 2.6543E-04 | 3.5508E-04 | 3.5574E-04 | 3.5673E-04 | 2.0130E-04 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 72 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 3.5255E-04 | 3.5376E-04 | 3.5519E-04 | 3.5618E-04 | 3.5695E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 73 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 3.5442E-04 | 3.5607E-04 | 3.5717E-04 | 3.5761E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 74 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 3.5585E-04 | 3.5750E-04 | 3.5794E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 75 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 3.5475E-04 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 76 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 77 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 78 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 79 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 80 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 81 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |
| 82 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | | | | | |

41 RIVER REACHES

| LAYER | ROW | COL | STAGE | CONDUCTANCE | BOTTOM ELEVATION | RIVER REACH |
|---|---|---|---|---|---|---|
| 2 | 27 | 13 | 1490. | 0.2500E+05 | 1487. | 1 |
| 2 | 27 | 14 | 1487. | 850.0 | 1484. | 2 |
| 2 | 28 | 14 | 1485. | 0.1500E+05 | 1482. | 3 |
| 2 | 29 | 14 | 1465. | 2500. | 1462. | 4 |
| 2 | 30 | 14 | 1450. | 1000. | 1447. | 5 |
| 2 | 31 | 14 | 1444. | 0.4000E+05 | 1441. | 6 |
| 2 | 32 | 13 | 1430. | 0.2000E+05 | 1427. | 7 |
| 2 | 33 | 13 | 1423. | 0.4000E+05 | 1420. | 8 |
| 1 | 34 | 12 | 1413. | 0.5000E+05 | 1410. | 9 |
| 1 | 35 | 11 | 1393. | 0.5000E+05 | 1390. | 10 |
| 1 | 35 | 12 | 1420. | 0.5000E+05 | 1417. | 11 |
| 2 | 36 | 10 | 1385. | 0.1500E+05 | 1382. | 12 |
| 2 | 37 | 10 | 1375. | 0.2500E+05 | 1372. | 13 |
| 2 | 38 | 10 | 1365. | 0.2500E+05 | 1362. | 14 |
| 2 | 39 | 10 | 1360. | 2500. | 1357. | 15 |
| 2 | 40 | 9 | 1355. | 1500. | 1352. | 16 |
| 2 | 41 | 10 | 1345. | 0.3000E+05 | 1342. | 17 |
| 2 | 42 | 8 | 1325. | 0.1000E+05 | 1322. | 18 |
| 2 | 42 | 9 | 1335. | 0.1500E+05 | 1332. | 19 |
| 2 | 42 | 10 | 1340. | 0.1000E+05 | 1337. | 20 |
| 2 | 43 | 8 | 1325. | 0.1000E+05 | 1322. | 21 |
| 2 | 44 | 8 | 1315. | 0.1000E+05 | 1312. | 22 |
| 2 | 45 | 9 | 1295. | 0.1000E+05 | 1292. | 23 |
| 2 | 45 | 10 | 1285. | 3000. | 1282. | 24 |
| 2 | 46 | 10 | 1280. | 0.1500E+05 | 1277. | 25 |
| 2 | 46 | 12 | 1265. | 4000. | 1262. | 26 |
| 2 | 47 | 11 | 1275. | 1000. | 1272. | 27 |
| 2 | 47 | 12 | 1260. | 0.2000E+05 | 1257. | 28 |
| 2 | 48 | 12 | 1255. | 0.1500E+05 | 1252. | 29 |
| 2 | 49 | 13 | 1245. | 0.2000E+05 | 1242. | 30 |
| 2 | 50 | 13 | 1265. | 0.1000E+05 | 1262. | 31 |
| 2 | 51 | 14 | 1230. | 0.2000E+05 | 1227. | 32 |
| 2 | 52 | 14 | 1225. | 0.2000E+05 | 1222. | 33 |
| 2 | 52 | 15 | 1215. | 1500. | 1212. | 34 |
| 2 | 52 | 16 | 1205. | 1000. | 1202. | 35 |
| 2 | 53 | 15 | 1218. | 425.0 | 1215. | 36 |
| 2 | 53 | 16 | 1195. | 2000. | 1192. | 37 |
| 2 | 54 | 15 | 1190. | 1000. | 1187. | 38 |
| 2 | 54 | 16 | 1202. | 425.0 | 1199. | 39 |
| 2 | 55 | 16 | 1185. | 0.2000E+05 | 1182. | 40 |
| 2 | 55 | 17 | 1175. | 0.1000E+05 | 1172. | 41 |

24 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,COL
------------------------------------------------------------------------------------------------------------------------------------
   301.1      (  2, 39, 26)  -283.5     (  2, 39, 26)   65.91     (  2, 36, 24)  -52.62     (  2, 36, 24)   21.42     (  2, 36, 24)
  -14.60      (  2, 36, 24)   7.486     (  2, 36, 24)  -4.659     (  2, 36, 24)   2.695     (  2, 36, 24)  -1.600     (  2, 36, 24)
  0.9931      (  2, 36, 24) -0.6115     (  2, 36, 24)  0.3409     (  2, 36, 24) -0.1905     (  2, 36, 24)  0.1137     (  2, 36, 24)
 -0.6469E-01 (  2, 36, 24)  0.3781E-01 (  2, 36, 24) -0.2231E-01 (  2, 36, 24)  0.1334E-01 (  2, 36, 24) -0.7824E-02 (  2, 36, 24)
  0.4953E-02 (  2, 36, 24) -0.2943E-02 (  2, 36, 24)  0.1570E-02 (  2, 36, 24) -0.8875E-03 (  2, 36, 24)


HEAD/DRAWDOWN PRINTOUT FLAG = 1     TOTAL BUDGET PRINTOUT FLAG = 1     CELL-BY-CELL FLOW TERM FLAG = 1

OUTPUT FLAGS FOR EACH LAYER:
         HEAD     DRAWDOWN  HEAD  DRAWDOWN
LAYER  PRINTOUT  PRINTOUT  SAVE    SAVE
-----------------------------------------
   1       1         1        1       1
   2       1         1        1       1
"   CONSTANT HEAD" BUDGET VALUES WILL BE SAVED ON UNIT 77 AT END OF TIME STEP  1, STRESS PERIOD  1
"FLOW RIGHT FACE " BUDGET VALUES WILL BE SAVED ON UNIT 77 AT END OF TIME STEP  1, STRESS PERIOD  1
"FLOW FRONT FACE " BUDGET VALUES WILL BE SAVED ON UNIT 77 AT END OF TIME STEP  1, STRESS PERIOD  1
"FLOW LOWER FACE " BUDGET VALUES WILL BE SAVED ON UNIT 77 AT END OF TIME STEP  1, STRESS PERIOD  1
"          DRAINS" BUDGET VALUES WILL BE SAVED ON UNIT 77 AT END OF TIME STEP  1, STRESS PERIOD  1
"        RECHARGE" BUDGET VALUES WILL BE SAVED ON UNIT 78 AT END OF TIME STEP  1, STRESS PERIOD  1
"   RIVER LEAKAGE" BUDGET VALUES WILL BE SAVED ON UNIT 77 AT END OF TIME STEP  1, STRESS PERIOD  1
```

HEAD 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 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. |
| 3 | 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. |
| 5 | 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. |
| 7 | 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. |
| 9 | 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. |
| 11 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 12 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 13 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 14 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 15 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 16 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 17 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 18 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 19 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 20 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 21 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 22 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 23 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 24 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 25 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 26 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 27 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 28 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 29 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 30 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 32 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 33 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 34 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 35 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 36 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 37 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 38 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 39 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 40 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 41 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 42 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 43 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 44 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 45 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 46 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 47 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 48 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 49 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 50 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 51 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 52 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 53 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 54 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 55 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 56 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 57 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 58 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 59 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 60 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 61 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 62 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 63 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

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

| | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 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. |
| 3 | 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. |
| 5 | 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. |
| 7 | 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. |
| 9 | 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. |
| 11 | 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. |
| 13 | 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. |
| 15 | 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. |
| 17 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 18 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 19 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 20 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 21 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 22 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 23 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 24 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 25 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 26 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 27 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 28 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 29 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 30 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 32 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 33 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1579. | 1611. | 0. | 0. | 0. | 0. |
| 34 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1414. | 1491. | 1545. | 1593. | 1641. | 1684. | 0. | 0. | 0. |
| 35 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1394. | 1421. | 1519. | 1568. | 1598. | 1635. | 0. | 0. | 0. | 0. |
| 36 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1423. | 1455. | 1498. | 1541. | 1573. | 1589. | 0. | 0. | 0. | 0. | 0. |
| 37 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1413. | 1457. | 1508. | 1546. | 0. | 1587. | 0. | 0. | 0. | 0. | 0. |
| 38 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 39 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1531. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 40 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1502. | 1519. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 41 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1510. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 42 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1496. | 1513. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 43 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 44 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 45 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 46 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 47 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 48 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 49 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 50 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 51 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 52 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 53 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 54 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 55 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 56 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 57 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 58 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 59 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 60 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 61 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 62 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 63 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 64 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 65 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 66 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 67 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 68 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 69 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 70 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 71 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 72 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 73 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 74 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 75 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 76 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 77 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 78 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 79 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 80 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 81 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 82 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 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. |
| 3 | 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. |
| 5 | 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. |
| 7 | 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. |
| 9 | 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. |
| 11 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 12 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 13 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 14 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 15 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 16 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1800. | 1751. |
| 17 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1814. | 1815. | 1810. |
| 18 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1767. | 1782. | 1799. | 1799. |
| 19 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1702. | 1741. | 1729. | 1758. | 1773. |
| 20 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1676. | 1675. | 1690. | 1743. | 1792. |
| 21 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1630. | 1641. | 1688. | 1730. | 1774. | 1827. |
| 22 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1616. | 1658. | 1708. | 1744. | 1779. | 1822. |
| 23 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1602. | 1689. | 1706. | 1701. | 1738. | 1794. |
| 24 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1572. | 1648. | 1711. | 1667. | 1643. | 1710. | 1759. |
| 25 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1587. | 1641. | 1656. | 1610. | 1638. | 1695. | 1722. |
| 26 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1533. | 1547. | 1591. | 1571. | 1571. | 1622. | 1692. | 1707. |
| 27 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1494. | 1513. | 1527. | 1540. | 1579. | 1633. | 1693. | 1692. |
| 28 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1493. | 1510. | 1548. | 1606. | 1654. | 1678. | 1661. |
| 29 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1493. | 1537. | 1576. | 1625. | 1653. | 1666. | 1649. |
| 30 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1498. | 1553. | 1589. | 1619. | 1644. | 1650. | 1633. |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 64 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 65 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 66 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 67 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 68 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 69 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 70 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 71 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 72 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 73 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 74 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 75 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 76 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 77 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 78 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 79 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 80 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 81 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 82 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1448. | 1538. | 1565. | 1605. | 1644. | 1646. | 1625. |
| 32 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1435. | 1466. | 1528. | 1566. | 1637. | 1660. | 1644. | 1626. |
| 33 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1429. | 1480. | 1547. | 1580. | 1643. | 1648. | 1632. | 1618. |
| 34 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1450. | 1460. | 1513. | 1562. | 1611. | 1654. | 1637. | 1601. | 1572. |
| 35 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1434. | 1449. | 1489. | 1540. | 1568. | 1605. | 1635. | 1643. | 1611. | 1595. |
| 36 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1391. | 1429. | 1471. | 1513. | 1544. | 1559. | 1567. | 1580. | 1614. | 1616. | 1610. |
| 37 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1381. | 1427. | 1480. | 1517. | 1533. | 1535. | 1536. | 1587. | 1605. | 1612. | 1618. |
| 38 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1370. | 1439. | 1481. | 1512. | 1518. | 1505. | 1484. | 1547. | 1571. | 1598. | 1618. |
| 39 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1388. | 1447. | 1475. | 1502. | 1495. | 1469. | 1494. | 1520. | 1484. | 1568. | 1605. |
| 40 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1388. | 1405. | 1438. | 1472. | 1490. | 1468. | 1440. | 1469. | 1466. | 1493. | 1564. | 1553. |
| 41 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1352. | 1415. | 1460. | 1481. | 1461. | 1410. | 1403. | 1474. | 1501. | 1499. | 1482. |
| 42 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1329. | 1338. | 1349. | 1421. | 1454. | 1464. | 1449. | 1403. | 1406. | 1446. | 1444. | 1435. | 1538. |
| 43 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1329. | 1359. | 1406. | 1426. | 1435. | 1432. | 1398. | 1374. | 1398. | 1395. | 1426. | 1480. | 1572. |
| 44 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1321. | 1352. | 1372. | 1400. | 1403. | 1408. | 1391. | 1348. | 1342. | 1397. | 1468. | 1511. | 1540. |
| 45 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1303. | 1305. | 1360. | 1387. | 1411. | 1408. | 1360. | 1351. | 1406. | 1450. | 1484. | 1498. |
| 46 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1304. | 1285. | 1308. | 1287. | 1389. | 1406. | 1360. | 1349. | 1383. | 1409. | 1475. | 1477. |
| 47 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1315. | 1296. | 1266. | 1348. | 1393. | 1348. | 1375. | 1408. | 1452. | 1470. | 1464. |
| 48 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1318. | 1298. | 1261. | 1345. | 1378. | 1309. | 1381. | 1419. | 1467. | 1452. | 1405. |
| 49 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1328. | 1300. | 1251. | 1332. | 1293. | 1376. | 1414. | 1430. | 1355. | 1373. |
| 50 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1314. | 1270. | 1287. | 1282. | 1349. | 1417. | 1419. | 1386. | 0. |
| 51 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1314. | 1280. | 1238. | 1283. | 1308. | 1363. | 1400. | 1317. | 0. |
| 52 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1335. | 1294. | 1230. | 1256. | 1289. | 1326. | 1375. | 1314. | 0. |
| 53 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1382. | 1321. | 1296. | 1276. | 1234. | 1312. | 1346. | 0. | 0. |
| 54 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1389. | 1341. | 1298. | 1256. | 1236. | 1236. | 1309. | 0. | 0. |
| 55 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1368. | 1273. | 1272. | 1256. | 1193. | 1180. | 0. | 0. | 0. |
| 56 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1324. | 1341. | 1332. | 1280. | 1227. | 0. | 0. | 0. | 0. |
| 57 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1313. | 1349. | 1339. | 1254. | 1283. | 1264. | 1203. | 0. | 0. |
| 58 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1356. | 1363. | 1361. | 1336. | 1306. | 1246. | 0. | 0. | 0. |
| 59 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1359. | 1362. | 1369. | 1353. | 1276. | 1275. | 1251. | 1319. | 0. |
| 60 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1345. | 1341. | 1369. | 1373. | 1342. | 1324. | 1287. | 0. | 0. |
| 61 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1309. | 1318. | 1282. | 1352. | 1382. | 1377. | 1337. | 1298. | 1254. | 0. |
| 62 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1337. | 1305. | 1249. | 1310. | 1376. | 1356. | 1261. | 1210. | 1247. | 0. |
| 63 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1305. | 1294. | 1235. | 1260. | 1305. | 1307. | 1252. | 0. | 0. | 0. |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 64 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1253. | 1294. | 1253. | 1219. | 1249. | 1272. | 1233. | 0. | 0. | 0. |
| 65 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1286. | 1272. | 1192. | 1189. | 1183. | 0. | 0. | 0. | 0. |
| 66 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1271. | 1291. | 1242. | 1191. | 1192. | 1225. | 0. | 0. | 0. |
| 67 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1222. | 1296. | 1288. | 1253. | 1254. | 1305. | 1248. | 0. | 0. |
| 68 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1287. | 1307. | 1319. | 1344. | 1348. | 1346. | 1293. | 0. | 0. |
| 69 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1279. | 1263. | 1316. | 1320. | 1296. | 1343. | 1274. | 0. | 0. |
| 70 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1225. | 1208. | 1292. | 1295. | 1255. | 1288. | 1230. | 0. | 0. |
| 71 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1214. | 1258. | 1285. | 1232. | 1235. | 1286. | 0. | 0. |
| 72 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1238. | 1291. | 1331. | 1314. | 1281. | 0. | 0. | 0. | 0. |
| 73 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1278. | 1302. | 1303. | 1225. | 0. | 0. | 0. | 0. |
| 74 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1238. | 1246. | 1237. | 0. | 0. | 0. | 0. |
| 75 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1211. | 0. | 0. | 0. | 0. | 0. |
| 76 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 77 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 78 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 79 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 80 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 81 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 82 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

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

| | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 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. |
| 3 | 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. |
| 5 | 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. |
| 7 | 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. |
| 9 | 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. |
| 11 | 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. |
| 13 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 14 | 0. | 0. | 0. | 0. | 0. | 1683. | 1668. | 1684. | 0. | 0. | 0. | 0. | 0. | 0. |
| 15 | 0. | 0. | 0. | 0. | 1704. | 1733. | 1714. | 1653. | 0. | 0. | 0. | 0. | 0. | 0. |
| 16 | 1762. | 1728. | 1722. | 1772. | 1801. | 1786. | 1744. | 1668. | 0. | 0. | 0. | 0. | 0. | 0. |
| 17 | 1804. | 1807. | 1808. | 1823. | 1809. | 1789. | 1745. | 1651. | 0. | 0. | 0. | 0. | 0. | 0. |
| 18 | 1834. | 1844. | 1855. | 1833. | 1745. | 1732. | 1733. | 1690. | 0. | 0. | 0. | 0. | 0. | 0. |
| 19 | 1812. | 1848. | 1859. | 1815. | 1760. | 1706. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 20 | 1844. | 1857. | 1855. | 1831. | 1791. | 1732. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 21 | 1849. | 1834. | 1826. | 1825. | 1787. | 1713. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 22 | 1814. | 1806. | 1803. | 1807. | 1763. | 1685. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 23 | 1783. | 1758. | 1792. | 1789. | 1746. | 1640. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 24 | 1745. | 1728. | 1779. | 1774. | 1714. | 1603. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 25 | 1693. | 1731. | 1745. | 1731. | 1659. | 1631. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 26 | 1644. | 1699. | 1710. | 1723. | 1690. | 1598. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 27 | 1641. | 1650. | 1657. | 1706. | 1665. | 1581. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 28 | 1615. | 1629. | 1642. | 1668. | 1648. | 1581. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 29 | 1618. | 1595. | 1629. | 1644. | 1637. | 1595. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 30 | 1608. | 1576. | 1618. | 1631. | 1610. | 1555. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31 | 1574. | 1560. | 1610. | 1623. | 1588. | 1515. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 32 | 1596. | 1552. | 1607. | 1616. | 1553. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 33 | 1589. | 1554. | 1604. | 1608. | 1549. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 34 | 1566. | 1527. | 1600. | 1590. | 1470. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 35 | 1523. | 1490. | 1554. | 1561. | 1445. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 36 | 1586. | 1497. | 1492. | 1530. | 1431. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 37 | 1599. | 1522. | 1476. | 1446. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 38 | 1608. | 1582. | 1553. | 1451. | 1432. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 39 | 1612. | 1606. | 1571. | 1539. | 1487. | 1395. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 40 | 1563. | 1627. | 1611. | 1565. | 1480. | 1451. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 41 | 1575. | 1585. | 1573. | 1575. | 1557. | 1478. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 42 | 1607. | 1537. | 1484. | 1552. | 1554. | 1546. | 1448. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 43 | 1551. | 1529. | 1429. | 1523. | 1530. | 1542. | 1454. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 44 | 1524. | 1498. | 1390. | 1437. | 1532. | 1537. | 1467. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 45 | 1482. | 1401. | 1405. | 1448. | 1532. | 1536. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 46 | 1379. | 0. | 1415. | 1461. | 1511. | 1528. | 1500. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 47 | 0. | 0. | 1414. | 1482. | 1545. | 1520. | 1505. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 48 | 0. | 0. | 0. | 1464. | 1535. | 1527. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 49 | 0. | 0. | 0. | 1432. | 1492. | 1498. | 1438. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 50 | 0. | 0. | 0. | 1374. | 1448. | 1467. | 1431. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 51 | 0. | 0. | 0. | 0. | 1411. | 1454. | 1416. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 52 | 0. | 0. | 0. | 0. | 0. | 1443. | 1393. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 53 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 54 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 55 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 56 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 57 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 58 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 59 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 60 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 61 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 62 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 63 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 64 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 65 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 66 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 67 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 68 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 69 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 70 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 71 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 72 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 73 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 74 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 75 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 76 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 77 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 78 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 79 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 80 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 81 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 82 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

HEAD WILL BE SAVED ON UNIT 79 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 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. |
| 3 | 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. |
| 5 | 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. |
| 7 | 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. |
| 9 | 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. |
| 11 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 12 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 13 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 14 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 15 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 16 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 17 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 18 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 19 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 20 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 21 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 22 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 23 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 24 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 25 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 26 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 27 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 28 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 29 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 30 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 32 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 33 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -33. | -14. | 0. | 0. | 0. | 0. |
| 34 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 16. | -22. | -18. | -15. | -11. | 28. | 0. | 0. | 0. |
| 35 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 4. | 27. | -28. | -32. | -14. | -12. | 0. | 0. | 0. | 0. |
| 36 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -26. | -26. | -33. | -16. | -9. | 17. | 0. | 0. | 0. | 0. | 0. |
| 37 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -19. | -35. | -21. | -19. | 0. | -11. | 0. | 0. | 0. | 0. | 0. |
| 38 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 39 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 7. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 40 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -15. | 16. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 41 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 42 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -1. | -4. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 43 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 44 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 45 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 46 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 47 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 48 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 49 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 50 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 51 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 52 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 53 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 54 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 55 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 56 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 57 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 58 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 59 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 60 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 61 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 62 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 63 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 64 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 65 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 66 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 67 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 68 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 69 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 70 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 71 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 72 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 73 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 74 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 75 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 76 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 77 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 78 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 79 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 80 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 81 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 82 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

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

| | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 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. |
| 3 | 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. |
| 5 | 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. |
| 7 | 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. |
| 9 | 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. |
| 11 | 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. |
| 13 | 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. |
| 15 | 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. |
| 17 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 18 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 19 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 20 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 21 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 22 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 23 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 24 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 25 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 26 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 27 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 28 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 29 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 30 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 32 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 33 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 34 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 35 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 36 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 37 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 38 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 39 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 40 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 41 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 42 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 43 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 44 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 45 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 46 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 47 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 48 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 49 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 50 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 51 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 52 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 53 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 54 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 55 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 56 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 57 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 58 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 59 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 60 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 61 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 62 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 63 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 64 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 65 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 66 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 67 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 68 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 69 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 70 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 71 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 72 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 73 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 74 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 75 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 76 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 77 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 78 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 79 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 80 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 81 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 82 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 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. |
| 3 | 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. |
| 5 | 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. |
| 7 | 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. |
| 9 | 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. |
| 11 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 12 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 13 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 14 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 15 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 16 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -16. | -7. |
| 17 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 2. | -2. | 10. |
| 18 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 11. | 4. | 6. | 3. |
| 19 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 7. | -5. | -8. | -1. |
| 20 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 9. | 3. | 2. | 6. | 8. |
| 21 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 9. | -4. | 1. | 16. | 6. | 6. |
| 22 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -9. | 1. | 19. | 16. | 5. | 0. |
| 23 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 3. | 2. | 5. | -19. | -3. | 2. |
| 24 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 3. | 2. | 2. | 9. | 3. | -3. | -5. |
| 25 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 2. | 6. | 0. | -8. | 5. | 3. | 1. |
| 26 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 10. | 7. | 9. | -1. | -9. | 8. | -2. | -3. |
| 27 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -6. | -11. | -20. | -18. | 10. | 2. | -4. | 3. |
| 28 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -8. | -8. | -11. | 11. | 13. | 5. | 5. |
| 29 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1. | -1. | 13. | 7. | 2. | 4. | 5. |
| 30 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -4. | 2. | 11. | -20. | 6. | 3. | -3. |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 20. | -3. | -20. | -4. | 12. | 2. | -9. |
| 32 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -6. | 6. | -10. | 1. | 10. | 2. | 6. | -6. |
| 33 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -1. | 7. | 4. | 5. | 12. | 3. | -4. | 12. |
| 34 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -18. | 10. | 16. | 4. | 7. | 1. | -4. | -9. | -7. |
| 35 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -24. | -28. | 2. | -1. | 2. | 8. | 15. | -1. | -12. | -20. |
| 36 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 2. | 3. | 6. | -7. | 2. | 2. | 7. | -7. | 7. | -3. | -2. |
| 37 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -1. | -4. | 10. | -5. | -3. | -8. | 4. | 18. | -14. | -7. | 2. |
| 38 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 17. | -17. | -3. | -5. | 1. | -2. | 9. | 3. | -2. | -38. | 2. |
| 39 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 7. | -29. | -5. | 5. | 15. | 6. | 7. | 27. | -3. | 5. | 11. |
| 40 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -5. | -4. | -13. | -4. | 5. | 3. | -14. | 26. | -6. | 8. | -2. | 4. |
| 41 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -6. | -7. | 0. | -5. | 7. | -14. | 6. | 31. | 39. | 3. | 6. |
| 42 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 2. | 5. | 16. | -7. | -2. | -8. | 6. | 4. | 1. | 14. | 1. | 10. | -8. |
| 43 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -3. | 12. | 1. | -10. | 1. | 8. | 6. | -14. | 20. | 6. | 7. | 9. | 8. |
| 44 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -16. | -4. | -22. | 10. | -7. | 2. | 1. | -6. | 10. | 6. | 22. | 16. | 0. |
| 45 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -13. | 15. | -4. | -8. | 7. | 5. | -16. | 8. | 19. | 0. | -12. | -4. |
| 46 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -8. | 7. | -10. | 18. | 10. | 10. | -21. | 7. | 6. | -9. | 5. | 3. |
| 47 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -12. | 5. | -11. | 14. | 17. | -5. | -31. | 2. | 6. | -4. | -45. |
| 48 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 4. | 6. | -9. | 6. | 19. | 2. | -24. | -7. | -4. | -24. | 2. |
| 49 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -28. | -6. | 2. | -2. | 3. | -15. | -1. | 3. | -6. | -7. |
| 50 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -1. | -10. | 8. | 0. | 7. | -3. | -7. | -36. | 0. |
| 51 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -9. | 1. | 8. | -15. | -12. | 13. | -1. | -6. | 0. |
| 52 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -27. | 0. | 14. | -5. | -32. | -47. | -1. | 1. | 0. |
| 53 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 5. | -2. | -15. | -22. | -4. | 10. | 6. | 0. | 0. |
| 54 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -39. | 2. | 6. | -15. | -10. | -4. | -1. | 0. | 0. |
| 55 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -8. | 4. | -2. | -18. | 0. | 7. | 0. | 0. | 0. |
| 56 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 6. | 16. | 10. | 10. | 9. | 0. | 0. | 0. | 0. |
| 57 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -10. | 4. | -40. | 2. | 5. | -51. | -5. | 0. | 0. |
| 58 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -9. | 7. | -3. | -5. | 3. | 2. | 0. | 0. | 0. |
| 59 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -22. | -15. | 2. | -6. | -6. | -1. | 7. | -15. | 0. |
| 60 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -25. | -36. | 7. | 4. | 3. | -14. | 6. | 0. | 0. |
| 61 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -7. | -9. | -6. | -1. | 9. | 11. | 1. | -17. | -1. | 0. |
| 62 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 13. | 8. | -2. | 17. | -13. | 4. | -10. | 2. | -3. | 0. |
| 63 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -18. | 9. | 8. | -13. | 10. | -9. | -3. | 0. | 0. | 0. |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 64 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 6. | 9. | -12. | -6. | -7. | 9. | -6. | 0. | 0. | 0. |
| 65 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1. | 17. | 8. | 3. | 7. | 0. | 0. | 0. | 0. |
| 66 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -7. | 15. | 4. | 6. | 0. | -9. | 0. | 0. | 0. |
| 67 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1. | 8. | 6. | 10. | 8. | -1. | 2. | 0. | 0. |
| 68 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -34. | -14. | -7. | 8. | 0. | 7. | 3. | 0. | 0. |
| 69 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -29. | 3. | -26. | 7. | -11. | 6. | -1. | 0. | 0. |
| 70 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 3. | -9. | -3. | 7. | -1. | 7. | 5. | 0. | 0. |
| 71 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 10. | 4. | -10. | -7. | 9. | -33. | 0. | 0. |
| 72 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 6. | 4. | 7. | 3. | -16. | 0. | 0. | 0. | 0. |
| 73 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -4. | 1. | 6. | 5. | 0. | 0. | 0. | 0. |
| 74 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | -7. | 5. | -12. | 0. | 0. | 0. | 0. |
| 75 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 2. | 0. | 0. | 0. | 0. | 0. |
| 76 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 77 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 78 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 79 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 80 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 81 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 82 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

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

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

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31 | -9. | 4. | 5. | 3. | 6. | -7. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 32 | -16. | 5. | 5. | -9. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 33 | -14. | 3. | 0. | -4. | -6. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 34 | -1. | 10. | 0. | -7. | 2. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 35 | 4. | 2. | -6. | -16. | 3. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 36 | 6. | -7. | 6. | 3. | -10. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 37 | 7. | 0. | -2. | -8. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 38 | -3. | -3. | -26. | 1. | 2. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 39 | 10. | 7. | -15. | 4. | -14. | -14. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 40 | -7. | -8. | -3. | 2. | 0. | -12. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 41 | 2. | 4. | 3. | -5. | -12. | -2. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 42 | 7. | 3. | -5. | 8. | 6. | -21. | 7. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 43 | 1. | -19. | 2. | -18. | -30. | -22. | -2. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 44 | 6. | -23. | 10. | 2. | -27. | 3. | 8. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 45 | -21. | 1. | 3. | 3. | -1. | 9. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 46 | 3. | 0. | -8. | -5. | 4. | 0. | -30. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 47 | 0. | 0. | -3. | -23. | 5. | 7. | -5. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 48 | 0. | 0. | 0. | -10. | 6. | 3. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 49 | 0. | 0. | 0. | 0. | 1. | 5. | 4. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 50 | 0. | 0. | 0. | 7. | -2. | 7. | 7. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 51 | 0. | 0. | 0. | 0. | 8. | 4. | -14. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 52 | 0. | 0. | 0. | 0. | 0. | 5. | -7. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 53 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 54 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 55 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 56 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 57 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 58 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 59 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 60 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 61 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 62 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 63 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 64 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 65 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 66 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 67 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 68 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 69 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 70 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 71 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 72 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 73 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 74 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 75 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 76 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 77 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 78 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 79 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 80 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 81 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 82 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

DRAWDOWN WILL BE SAVED ON UNIT 80 AT END OF TIME STEP 1, STRESS PERIOD 1

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 = | 0.00000E+00 | CONSTANT HEAD = | 0.00000E+00 |
| DRAINS = | 0.00000E+00 | DRAINS = | 0.00000E+00 |
| RECHARGE = | 0.20012E+08 | RECHARGE = | 0.20012E+08 |
| RIVER LEAKAGE = | 0.00000E+00 | RIVER LEAKAGE = | 0.00000E+00 |
| TOTAL IN = | 0.20012E+08 | TOTAL IN = | 0.20012E+08 |
| OUT: | | OUT: | |
| STORAGE = | 0.00000E+00 | STORAGE = | 0.00000E+00 |
| CONSTANT HEAD = | 0.00000E+00 | CONSTANT HEAD = | 0.00000E+00 |
| DRAINS = | 0.16467E+08 | DRAINS = | 0.16467E+08 |
| RECHARGE = | 0.00000E+00 | RECHARGE = | 0.00000E+00 |
| RIVER LEAKAGE = | 0.35449E+07 | RIVER LEAKAGE = | 0.35449E+07 |

TOTAL OUT = 0.20012E+08

IN - OUT = 6.0000

PERCENT DISCREPANCY = 0.00

TOTAL OUT = 0.20012E+08

IN - OUT = 6.0000

PERCENT DISCREPANCY = 0.00

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

| | SECONDS | MINUTES | HOURS | DAYS | YEARS |
|---|---|---|---|---|---|
| TIME STEP LENGTH | 86400.0 | 1440.00 | 24.0000 | 1.00000 | 0.273785E-02 |
| STRESS PERIOD TIME | 86400.0 | 1440.00 | 24.0000 | 1.00000 | 0.273785E-02 |
| TOTAL SIMULATION TIME | 86400.0 | 1440.00 | 24.0000 | 1.00000 | 0.273785E-02 |

# Appendix B: Modular model post-processor results of a steady state simulation of ground-water flow in the rush springs aquifer, western Oklahoma

```
1                    U.S. GEOLOGICAL SURVEY MODULAR FINITE-DIFFERENCE GROUND-WATER MODEL
                              STATISTICAL PRE- AND POST- PROCESSOR

 Steady state model of Rush Springs Aquifer                                   Compiled By Mark F. Becker, USGS WRD, Oklahoma C

 LAYERS =          2 ROWS =         82 COLUMNS =         34 NODES =       5576 STRESS PERIODS =          1


 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:  8  0  9 11  0  0  0 18 16  0  0 19  0  0  0  0  0  0  0  0  0  0  0  0


      LAYER  AQUIFER TYPE
      -------------------
         1          1
         2          3


 DYNAMIC STORAGE UTILIZATION

  117221 ELEMENTS ALLOCATED
  500000 ELEMENTS AVAILABLE

    23.4% UTILIZED

  382779 elements available for graphic storage


1Steady state model of Rush Springs Aquifer                                   Compiled By Mark F. Becker, USGS WRD, Oklahoma C
 Rush Springs aquifer
 TITL SUM DRAIN DISCHARGES FOR SELECTED DRAINS


 Processing:  READ CBCDRN 77 3 R  1 1   CELL BY CELL DRAIN DISCH


                 READING : CBCDRN -  CELL BY CELL DRAIN DISC
                                     ON UNIT:  77
                                     STRESS PERIOD   1
                                     TIME STEP       1

          --> FAST-FORWARDING...  found    CONSTANT HEAD:  stress period  1, time step  1

          --> FAST-FORWARDING...  found FLOW RIGHT FACE :  stress period  1, time step  1

          --> FAST-FORWARDING...  found FLOW FRONT FACE :  stress period  1, time step  1

          --> FAST-FORWARDING...  found FLOW LOWER FACE :  stress period  1, time step  1

        THREE-DIMENSIONAL STACK CONTENTS AFTER READ COMMAND

            STACK   DATA SET STRESS TIME
           POSITION   NAME   PERIOD STEP DESCRIPTION

              4                 0     0
              3                 0     0
              2                 0     0
              1     CBCDRN      1     1   CELL BY CELL DRAIN DISC
1Steady state model of Rush Springs Aquifer                                   Compiled By Mark F. Becker, USGS WRD, Oklahoma C
 Rush Springs aquifer
```

```
TITL SUM DRAIN DISCHARGES FOR SELECTED DRAINS


Processing:  READ UBOUND 61 3 I        ./drnmask.dir/cobb.file



                READING : UBOUND -  ./drnmask.dir/cobb.file
                                    ON UNIT:  61


                                   ./drnmask.dir/cobb.file FOR LAYER  1 WILL BE READ ON UNIT 61 USING FORMAT:   (8I10)
                                   ------------------------------------------------------------------------------------------------


                                   ./drnmask.dir/cobb.file FOR LAYER  2 WILL BE READ ON UNIT 61 USING FORMAT:   (8I10)
                                   ------------------------------------------------------------------------------------------------
1Steady state model of Rush Springs Aquifer                                       Compiled By Mark F. Becker, USGS WRD, Oklahoma C
 Rush Springs aquifer
 TITL SUM DRAIN DISCHARGES FOR SELECTED DRAINS


 Processing:  STAT CBCDRN 02      1



         STATISTICS FOR : CBCDRN -  CELL BY CELL DRAIN DISC
                                    LAYER   2
                                    STRESS PERIOD   1
                                    TIME STEP       1


         Beginning mask from layer  2

         Masking was performed on CBCDRN

       22 points remain out of     2788

     2766 points excluded that were outside the user boundary



         Zero or negative values present in matrix, therefore geometric and harmonic means were not computed


         ARITHMETIC      ABSOLUTE VALUE         GEOMETRIC          HARMONIC          ROOT MEAN
               MEAN                MEAN              MEAN              MEAN             SQUARE            VARIANCE
           -85468.8            85468.8         0.000000E+00      0.000000E+00         112511.            0.560864E+10

                                                   SUM OF          STANDARD              MEAN            NUMBER OF
            MINIMUM             MAXIMUM            VALUES         DEVIATION         DEVIATION               VALUES
           -247115.        0.000000E+00      -0.188031E+07          74890.9           56649.3                   22

         COEFFICIENT              LOWER                               UPPER      NON-PARAMETRIC
         OF SKEWNESS           QUARTILE              MEDIAN        QUARTILE            SKEWNESS
          -0.806289            -115180.            -82733.0        -8105.10            0.393945
```

```
STATISTICS FOR : CBCDRN -  CELL BY CELL DRAIN DISC
                           LAYER   2
                           STRESS PERIOD   1
                           TIME STEP       1


Beginning mask from layer  2

Masking was performed on CBCDRN

2 points remain out of     2788

2786 points excluded that were outside the user boundary



Zero or negative values present in matrix, therefore geometric and harmonic means were not computed

Upper and lower quartiles equal, therefore non-parametric skewness was not computed

Number of observations < 3, therefore skewness was not computed
```

| ARITHMETIC MEAN | ABSOLUTE VALUE MEAN | GEOMETRIC MEAN | HARMONIC MEAN | ROOT MEAN SQUARE | VARIANCE |
|---|---|---|---|---|---|
| -56203.8 | 56203.8 | 0.000000E+00 | 0.000000E+00 | 75605.0 | 0.511451E+10 |

| MINIMUM | MAXIMUM | SUM OF VALUES | STANDARD DEVIATION | MEAN DEVIATION | NUMBER OF VALUES |
|---|---|---|---|---|---|
| -106773. | -5634.52 | -112408. | 71515.8 | 50569.3 | 2 |

| COEFFICIENT OF SKEWNESS | LOWER QUARTILE | MEDIAN | UPPER QUARTILE | NON-PARAMETRIC SKEWNESS |
|---|---|---|---|---|
| 0.000000E+00 | -56203.8 | -56203.8 | -56203.8 | 0.000000E+00 |

| STATISTIC | LOCATION ROW | COLUMN | LAYER |
|---|---|---|---|
| MINIMUM | 54 | 17 | 2 |
| MAXIMUM | 54 | 18 | 2 |
| MEDIAN | 54 | 18 | 2 |
| MEDIAN | 1 | 3 | 1 |

```
1Steady state model of Rush Springs Aquifer                         Compiled By Mark F. Becker, USGS WRD, Oklahoma C
 Rush Springs aquifer
 TITL SUM DRAIN DISCHARGES FOR SELECTED DRAINS


 Processing:  READ CBCDRN 77 3 R  1 1   CELL BY CELL DRAIN DISCH


           READING : CBCDRN -  CELL BY CELL DRAIN DISC
                               ON UNIT:  77
                               STRESS PERIOD   1
                               TIME STEP       1
```

```
Processing:  READ CBCDRN 77 3 R  1 1   CELL BY CELL DRAIN DISCH


                READING : CBCDRN -  CELL BY CELL DRAIN DISC
                                   ON UNIT:  77
                                   STRESS PERIOD   1
                                   TIME STEP       1

         --> FAST-FORWARDING...  found    RIVER LEAKAGE:  stress period  1, time step  1

         --> REWINDING UNIT  77

         --> FAST-FORWARDING...  found    CONSTANT HEAD:  stress period  1, time step  1

         --> FAST-FORWARDING...  found FLOW RIGHT FACE :  stress period  1, time step  1

         --> FAST-FORWARDING...  found FLOW FRONT FACE :  stress period  1, time step  1

         --> FAST-FORWARDING...  found FLOW LOWER FACE :  stress period  1, time step  1


      THREE-DIMENSIONAL STACK CONTENTS AFTER READ COMMAND

          STACK   DATA SET STRESS TIME
         POSITION   NAME   PERIOD STEP DESCRIPTION

             4                 0     0
             3     CBCDRN      1     1   CELL BY CELL DRAIN DISC
             2     CBCDRN      1     1   CELL BY CELL DRAIN DISC
             1     CBCDRN      1     1   CELL BY CELL DRAIN DISC
1Steady state model of Rush Springs Aquifer                                    Compiled By Mark F. Becker, USGS WRD, Oklahoma C
 Rush Springs aquifer
 TITL SUM DRAIN DISCHARGES FOR SELECTED DRAINS


 Processing:  READ UBOUND 63 3 I        ./drnmask.dir/hog.file


                READING : UBOUND -  ./drnmask.dir/hog.file
                                   ON UNIT:  63


                                  ./drnmask.dir/hog.file  FOR LAYER  1 WILL BE READ ON UNIT 63 USING FORMAT:   (8I10)
                                 ----------------------------------------------------------------------------------------------


                                  ./drnmask.dir/hog.file  FOR LAYER  2 WILL BE READ ON UNIT 63 USING FORMAT:   (8I10)
                                 ----------------------------------------------------------------------------------------------
1Steady state model of Rush Springs Aquifer                                    Compiled By Mark F. Becker, USGS WRD, Oklahoma C
 Rush Springs aquifer
 TITL SUM DRAIN DISCHARGES FOR SELECTED DRAINS


 Processing:  STAT CBCDRN 02      1
```

```
                                      LOCATION
                        STATISTIC    ROW COLUMN  LAYER

                          MINIMUM     39     18      2

                          MAXIMUM     35     17      2

                           MEDIAN     50     15      2

                           MEDIAN     45     16      2
1Steady state model of Rush Springs Aquifer                                   Compiled By Mark F. Becker, USGS WRD, Oklahoma C
 Rush Springs aquifer
 TITL SUM DRAIN DISCHARGES FOR SELECTED DRAINS


 Processing:  READ CBCDRN 77 3 R  1 1   CELL BY CELL DRAIN DISCH


                READING : CBCDRN -  CELL BY CELL DRAIN DISC
                                 ON UNIT:  77
                                 STRESS PERIOD   1
                                 TIME STEP       1

         --> FAST-FORWARDING...  found    RIVER LEAKAGE:  stress period  1, time step  1

         --> REWINDING UNIT  77

         --> FAST-FORWARDING...  found    CONSTANT HEAD:  stress period  1, time step  1

         --> FAST-FORWARDING...  found FLOW RIGHT FACE :  stress period  1, time step  1

         --> FAST-FORWARDING...  found FLOW FRONT FACE :  stress period  1, time step  1

         --> FAST-FORWARDING...  found FLOW LOWER FACE :  stress period  1, time step  1

       THREE-DIMENSIONAL STACK CONTENTS AFTER READ COMMAND

           STACK   DATA SET STRESS TIME
          POSITION   NAME   PERIOD STEP DESCRIPTION

              4                 0     0
              3                 0     0
              2      CBCDRN     1     1   CELL BY CELL DRAIN DISC
              1      CBCDRN     1     1   CELL BY CELL DRAIN DISC
1Steady state model of Rush Springs Aquifer                                   Compiled By Mark F. Becker, USGS WRD, Oklahoma C
 Rush Springs aquifer
 TITL SUM DRAIN DISCHARGES FOR SELECTED DRAINS


 Processing:  READ UBOUND 62 3 I        ./drnmask.dir/rush.file


                READING : UBOUND -  ./drnmask.dir/rush.file
                                 ON UNIT:  62


                           ./drnmask.dir/rush.file FOR LAYER  1 WILL BE READ ON UNIT 62 USING FORMAT:   (8I10)
```

./drnmask.dir/rush.file FOR LAYER 2 WILL BE READ ON UNIT 62 USING FORMAT: (8I10)



Processing: STAT CBCDRN 02 1

STATISTICS FOR : CBCDRN - CELL BY CELL DRAIN DISC
LAYER 2
STRESS PERIOD 1
TIME STEP 1

Beginning mask from layer 2

Masking was performed on CBCDRN

4 points remain out of 2788

2784 points excluded that were outside the user boundary

Zero or negative values present in matrix, therefore geometric and harmonic means were not computed

| ARITHMETIC MEAN | ABSOLUTE VALUE MEAN | GEOMETRIC MEAN | HARMONIC MEAN | ROOT MEAN SQUARE | VARIANCE |
|---|---|---|---|---|---|
| -83826.5 | 83826.5 | 0.000000E+00 | 0.000000E+00 | 91230.7 | 0.172821E+10 |

| MINIMUM | MAXIMUM | SUM OF VALUES | STANDARD DEVIATION | MEAN DEVIATION | NUMBER OF VALUES |
|---|---|---|---|---|---|
| -116140. | -23871.9 | -335306. | 41571.7 | 29977.3 | 4 |

| COEFFICIENT OF SKEWNESS | LOWER QUARTILE | MEDIAN | UPPER QUARTILE | NON-PARAMETRIC SKEWNESS |
|---|---|---|---|---|
| 1.57464 | -111420. | -97647.1 | -56233.2 | 0.500867 |

| STATISTIC | LOCATION ROW | LOCATION COLUMN | LOCATION LAYER |
|---|---|---|---|
| MINIMUM | 70 | 16 | 2 |
| MAXIMUM | 68 | 18 | 2 |
| MEDIAN | 70 | 13 | 2 |
| MEDIAN | 68 | 18 | 2 |

```
--> FAST-FORWARDING...  found    RIVER LEAKAGE:  stress period  1, time step  1

--> REWINDING UNIT  77

--> FAST-FORWARDING...  found    CONSTANT HEAD:  stress period  1, time step  1

--> FAST-FORWARDING...  found FLOW RIGHT FACE :  stress period  1, time step  1

--> FAST-FORWARDING...  found FLOW FRONT FACE :  stress period  1, time step  1

--> FAST-FORWARDING...  found FLOW LOWER FACE :  stress period  1, time step  1


THREE-DIMENSIONAL STACK CONTENTS AFTER READ COMMAND

  STACK   DATA SET STRESS TIME
 POSITION   NAME   PERIOD STEP DESCRIPTION

     4     CBCDRN     1     1   CELL BY CELL DRAIN DISC
     3     CBCDRN     1     1   CELL BY CELL DRAIN DISC
     2     CBCDRN     1     1   CELL BY CELL DRAIN DISC
     1     CBCDRN     1     1   CELL BY CELL DRAIN DISC
1Steady state model of Rush Springs Aquifer                          Compiled By Mark F. Becker, USGS WRD, Oklahoma C
 Rush Springs aquifer
 TITL SUM DRAIN DISCHARGES FOR SELECTED DRAINS


 Processing:  READ UBOUND 64 3 I        ./drnmask.dir/sugar.file



            READING : UBOUND -  ./drnmask.dir/sugar.fil
                               ON UNIT:  64


                          ./drnmask.dir/sugar.fil FOR LAYER  1 WILL BE READ ON UNIT 64 USING FORMAT:   (8I10)
                         -----------------------------------------------------------------------------------------------


                          ./drnmask.dir/sugar.fil FOR LAYER  2 WILL BE READ ON UNIT 64 USING FORMAT:   (8I10)
                         -----------------------------------------------------------------------------------------------
1Steady state model of Rush Springs Aquifer                          Compiled By Mark F. Becker, USGS WRD, Oklahoma C
 Rush Springs aquifer
 TITL SUM DRAIN DISCHARGES FOR SELECTED DRAINS


 Processing:  STAT CBCDRN 02      1



         STATISTICS FOR : CBCDRN -  CELL BY CELL DRAIN DISC
                                    LAYER   2
                                    STRESS PERIOD   1
                                    TIME STEP       1


         Beginning mask from layer  2

         Masking was performed on CBCDRN
```

```
      21 points remain out of      2788

    2767 points excluded that were outside the user boundary


      Zero or negative values present in matrix, therefore geometric and harmonic means were not computed


      ARITHMETIC      ABSOLUTE VALUE          GEOMETRIC          HARMONIC          ROOT MEAN
            MEAN                MEAN               MEAN              MEAN             SQUARE           VARIANCE
        -52174.5             52174.5         0.000000E+00      0.000000E+00          58585.6        0.745595E+09

                                                 SUM OF          STANDARD               MEAN         NUMBER OF
         MINIMUM             MAXIMUM             VALUES         DEVIATION          DEVIATION            VALUES
        -104727.            -12908.2        -0.109566E+07           27305.6            20706.4                21

      COEFFICIENT              LOWER                                UPPER     NON-PARAMETRIC
      OF SKEWNESS           QUARTILE              MEDIAN          QUARTILE           SKEWNESS
       -0.590979            -63326.3            -46345.7          -37981.2          -0.339948


                                                      LOCATION
                                     STATISTIC     ROW COLUMN   LAYER

                                       MINIMUM      45     22       2

                                       MAXIMUM      46     24       2

                                        MEDIAN      48     20       2
1Steady state model of Rush Springs Aquifer                                    Compiled By Mark F. Becker, USGS WRD, Oklahoma C
 Rush Springs aquifer
 TITL SUM DRAIN DISCHARGES FOR SELECTED DRAINS


 Processing:  READ CBCDRN 77 3 R   1 1    CELL BY CELL DRAIN DISCH


               READING : CBCDRN -  CELL BY CELL DRAIN DISC
                                   ON UNIT:  77
                                   STRESS PERIOD   1
                                   TIME STEP       1

       --> FAST-FORWARDING...  found    RIVER LEAKAGE:  stress period  1, time step  1

       --> REWINDING UNIT  77

       --> FAST-FORWARDING...  found    CONSTANT HEAD:  stress period  1, time step  1

       --> FAST-FORWARDING...  found FLOW RIGHT FACE :  stress period  1, time step  1

       --> FAST-FORWARDING...  found FLOW FRONT FACE :  stress period  1, time step  1

       --> FAST-FORWARDING...  found FLOW LOWER FACE :  stress period  1, time step  1

     THREE-DIMENSIONAL STACK CONTENTS AFTER READ COMMAND

        STACK   DATA SET STRESS TIME
```

```
        POSITION   NAME   PERIOD STEP DESCRIPTION

            4     CBCDRN     1      1    CELL BY CELL DRAIN DISC
            3     CBCDRN     1      1    CELL BY CELL DRAIN DISC
            2     CBCDRN     1      1    CELL BY CELL DRAIN DISC
            1     CBCDRN     1      1    CELL BY CELL DRAIN DISC
1Steady state model of Rush Springs Aquifer                              Compiled By Mark F. Becker, USGS WRD, Oklahoma C
 Rush Springs aquifer
 TITL SUM DRAIN DISCHARGES FOR SELECTED DRAINS


 Processing:  READ UBOUND 65 3 I        ./drnmask.dir/deer.file


              READING : UBOUND -  ./drnmask.dir/deer.file
                                 ON UNIT:  65


                             ./drnmask.dir/deer.file FOR LAYER  1 WILL BE READ ON UNIT 65 USING FORMAT:   (8I10)
                            ----------------------------------------------------------------------------------------


                             ./drnmask.dir/deer.file FOR LAYER  2 WILL BE READ ON UNIT 65 USING FORMAT:   (8I10)
                            ----------------------------------------------------------------------------------------
1Steady state model of Rush Springs Aquifer                              Compiled By Mark F. Becker, USGS WRD, Oklahoma C
 Rush Springs aquifer
 TITL SUM DRAIN DISCHARGES FOR SELECTED DRAINS


 Processing:  STAT CBCDRN 02        1


        STATISTICS FOR : CBCDRN -  CELL BY CELL DRAIN DISC
                                  LAYER    2
                                  STRESS PERIOD   1
                                  TIME STEP       1

        Beginning mask from layer  2

        Masking was performed on CBCDRN

      30 points remain out of      2788

     2758 points excluded that were outside the user boundary


        Zero or negative values present in matrix, therefore geometric and harmonic means were not computed


        ARITHMETIC      ABSOLUTE VALUE         GEOMETRIC          HARMONIC         ROOT MEAN
            MEAN                MEAN                MEAN               MEAN            SQUARE            VARIANCE
        -89756.8             89756.8         0.000000E+00       0.000000E+00         103682.            0.278659E+10

                                                  SUM OF          STANDARD              MEAN          NUMBER OF
```

| MINIMUM | MAXIMUM | VALUES | DEVIATION | DEVIATION | VALUES |
|---|---|---|---|---|---|
| -189988. | 0.000000E+00 | -0.269270E+07 | 52788.1 | 44876.6 | 30 |

| COEFFICIENT OF SKEWNESS | LOWER QUARTILE | MEDIAN | UPPER QUARTILE | NON-PARAMETRIC SKEWNESS |
|---|---|---|---|---|
| 0.118470 | -139074. | -83184.0 | -50384.8 | -0.260356 |

| STATISTIC | LOCATION ROW | COLUMN | LAYER |
|---|---|---|---|
| MINIMUM | 31 | 21 | 2 |
| MAXIMUM | 29 | 23 | 2 |
| MEDIAN | 22 | 23 | 2 |
| MEDIAN | 27 | 23 | 2 |


TITL SUM DRAIN DISCHARGES FOR SELECTED DRAINS

Processing: READ CBCDRN 77 3 R 1 1 CELL BY CELL DRAIN DISCH

```
READING : CBCDRN -  CELL BY CELL DRAIN DISC
                    ON UNIT:  77
                    STRESS PERIOD   1
                    TIME STEP       1
```

--> FAST-FORWARDING... found RIVER LEAKAGE: stress period 1, time step 1

--> REWINDING UNIT 77

--> FAST-FORWARDING... found CONSTANT HEAD: stress period 1, time step 1

--> FAST-FORWARDING... found FLOW RIGHT FACE : stress period 1, time step 1

--> FAST-FORWARDING... found FLOW FRONT FACE : stress period 1, time step 1

--> FAST-FORWARDING... found FLOW LOWER FACE : stress period 1, time step 1

THREE-DIMENSIONAL STACK CONTENTS AFTER READ COMMAND

| STACK POSITION | DATA SET NAME | STRESS PERIOD | TIME STEP | DESCRIPTION |
|---|---|---|---|---|
| 4 | CBCDRN | 1 | 1 | CELL BY CELL DRAIN DISC |
| 3 | CBCDRN | 1 | 1 | CELL BY CELL DRAIN DISC |
| 2 | CBCDRN | 1 | 1 | CELL BY CELL DRAIN DISC |
| 1 | CBCDRN | 1 | 1 | CELL BY CELL DRAIN DISC |

1Steady state model of Rush Springs Aquifer Compiled By Mark F. Becker, USGS WRD, Oklahoma C
Rush Springs aquifer
TITL SUM DRAIN DISCHARGES FOR SELECTED DRAINS

Processing: READ UBOUND 67 3 I ./drnmask.dir/lwashita.file

```
          READING : UBOUND -  ./drnmask.dir/lwashita.
                              ON UNIT:  67


                          ./drnmask.dir/lwashita. FOR LAYER  1 WILL BE READ ON UNIT 67 USING FORMAT:     (8I10)
                         -----------------------------------------------------------------------------------------------


                          ./drnmask.dir/lwashita. FOR LAYER  2 WILL BE READ ON UNIT 67 USING FORMAT:     (8I10)
                         -----------------------------------------------------------------------------------------------
1Steady state model of Rush Springs Aquifer                                     Compiled By Mark F. Becker, USGS WRD, Oklahoma C
 Rush Springs aquifer
 TITL SUM DRAIN DISCHARGES FOR SELECTED DRAINS


 Processing:  STAT CBCDRN 02      1



         STATISTICS FOR : CBCDRN -  CELL BY CELL DRAIN DISC
                                    LAYER   2
                                    STRESS PERIOD   1
                                    TIME STEP       1

         Beginning mask from layer  2

         Masking was performed on CBCDRN

        6 points remain out of      2788

     2782 points excluded that were outside the user boundary



         Zero or negative values present in matrix, therefore geometric and harmonic means were not computed


         ARITHMETIC      ABSOLUTE VALUE          GEOMETRIC          HARMONIC          ROOT MEAN
               MEAN                MEAN               MEAN              MEAN              SQUARE             VARIANCE
           -102893.            102893.        0.000000E+00      0.000000E+00             110845.         0.203970E+10

                                                    SUM OF          STANDARD                MEAN            NUMBER OF
            MINIMUM             MAXIMUM             VALUES         DEVIATION           DEVIATION               VALUES
           -150701.            -48560.2           -617357.           45163.1             39750.3                    6

         COEFFICIENT              LOWER                                UPPER      NON-PARAMETRIC
         OF SKEWNESS           QUARTILE             MEDIAN          QUARTILE            SKEWNESS
           0.205558E-01        -150263.           -101425.          -56990.5        -0.472137E-01


                                                  LOCATION
                                    STATISTIC     ROW COLUMN  LAYER

                                      MINIMUM      59     16      2

                                      MAXIMUM      61     11      2
```

```
                                             MEDIAN      64      11       2

                                             MEDIAN      62      17       2
1Steady state model of Rush Springs Aquifer                                    Compiled By Mark F. Becker, USGS WRD, Oklahoma C
 Rush Springs aquifer
 TITL SUM DRAIN DISCHARGES FOR SELECTED DRAINS



 Processing:



 Unknown command:       refer to table 4



     COMMAND ABORTED
1Steady state model of Rush Springs Aquifer                                    Compiled By Mark F. Becker, USGS WRD, Oklahoma C
 Rush Springs aquifer
 TITL SUM DRAIN DISCHARGES FOR SELECTED DRAINS

 evaluate change in heads at the end of simulation

 Processing:  READ HEAD   79      1 1



                 READING : HEAD    - COMPUTED HEADS
                                     ON UNIT:  79
                                     STRESS PERIOD   1
                                     TIME STEP       1

       THREE-DIMENSIONAL STACK CONTENTS AFTER READ COMMAND

           STACK   DATA SET STRESS TIME
          POSITION   NAME   PERIOD STEP DESCRIPTION

              4     CBCDRN     1      1   CELL BY CELL DRAIN DISC
              3     CBCDRN     1      1   CELL BY CELL DRAIN DISC
              2     CBCDRN     1      1   CELL BY CELL DRAIN DISC
              1     HEAD       1      1  COMPUTED HEADS
1Steady state model of Rush Springs Aquifer                                    Compiled By Mark F. Becker, USGS WRD, Oklahoma C
 Rush Springs aquifer
 TITL SUM DRAIN DISCHARGES FOR SELECTED DRAINS

 evaluate change in heads at the end of simulation

 Processing:  MATH STRT   01  - HEAD   01 CHNGE1 CHANGE IN HEAD-LAYER 1



          COMPUTATION OF : CHNGE1 - CHANGE IN HEAD-LAYER 1

                   FROM : STRT   - INITIAL HEADS
                                   LAYER   1


                  MINUS : HEAD   - COMPUTED HEADS
                                   LAYER   1
                                   STRESS PERIOD   1
```

```
                                         TIME STEP        1



          TWO-DIMENSIONAL STACK CONTENTS AFTER MATH COMMAND

            STACK   DATA SET STRESS TIME
           POSITION   NAME    PERIOD STEP DESCRIPTION

                4               --     --
                3               --     --
                2               --     --
                1     CHNGE1    --     --  CHANGE IN HEAD-LAYER 1
1Steady state model of Rush Springs Aquifer                                          Compiled By Mark F. Becker, USGS WRD, Oklahoma C
 Rush Springs aquifer
 TITL SUM DRAIN DISCHARGES FOR SELECTED DRAINS

 evaluate change in heads at the end of simulation

 Processing:  MATH STRT   02  - HEAD   02 CHNGE2 CHANGE IN HEAD-LAYER 2



           COMPUTATION OF : CHNGE2 - CHANGE IN HEAD-LAYER 2

                     FROM : STRT    - INITIAL HEADS
                                      LAYER    2

                    MINUS : HEAD    - COMPUTED HEADS
                                      LAYER    2
                                      STRESS PERIOD    1
                                      TIME STEP        1



          TWO-DIMENSIONAL STACK CONTENTS AFTER MATH COMMAND

            STACK   DATA SET STRESS TIME
           POSITION   NAME    PERIOD STEP DESCRIPTION

                4               --     --
                3               --     --
                2     CHNGE1    --     --  CHANGE IN HEAD-LAYER 1
                1     CHNGE2    --     --  CHANGE IN HEAD-LAYER 2
1Steady state model of Rush Springs Aquifer                                          Compiled By Mark F. Becker, USGS WRD, Oklahoma C
 Rush Springs aquifer
 TITL SUM DRAIN DISCHARGES FOR SELECTED DRAINS

 evaluate change in heads at the end of simulation

 Processing:  READ UBOUND 14 3 I       UBOUND.WELLS



                  READING : UBOUND - UBOUND.WELLS
                                     ON UNIT:  14


                                UBOUND.WELLS            FOR LAYER  1 WILL BE READ ON UNIT 14 USING FORMAT:  (8I10)
```

```
------------------------------------------------------------------------------------------

UBOUND.WELLS           FOR LAYER  2 WILL BE READ ON UNIT 14 USING FORMAT:  (8I10)
------------------------------------------------------------------------------------------
1Steady state model of Rush Springs Aquifer                        Compiled By Mark F. Becker, USGS WRD, Oklahoma C
 Rush Springs aquifer
 TITL SUM DRAIN DISCHARGES FOR SELECTED DRAINS

 evaluate change in heads at the end of simulation

 Processing:  STAT CHNGE2 02      1


         Unable to find data set CHNGE2, layer  2 :  two-dimensional;  Retaining complete data set


         STATISTICS FOR : CHNGE2 - CHANGE IN HEAD-LAYER 2
                                   LAYER   2


         Beginning mask from layer  2

         Masking was performed on CHNGE2

      170 points remain out of     2788

     2618 points excluded that were outside the user boundary



         Zero or negative values present in matrix, therefore geometric and harmonic means were not computed
```

| ARITHMETIC MEAN | ABSOLUTE VALUE MEAN | GEOMETRIC MEAN | HARMONIC MEAN | ROOT MEAN SQUARE | VARIANCE |
|---|---|---|---|---|---|
| -0.114357 | 7.55956 | 0.000000E+00 | 0.000000E+00 | 10.1807 | 104.247 |

| MINIMUM | MAXIMUM | SUM OF VALUES | STANDARD DEVIATION | MEAN DEVIATION | NUMBER OF VALUES |
|---|---|---|---|---|---|
| -45.1886 | 22.3489 | -19.4407 | 10.2101 | 7.58645 | 170 |

| COEFFICIENT OF SKEWNESS | LOWER QUARTILE | MEDIAN | UPPER QUARTILE | NON-PARAMETRIC SKEWNESS |
|---|---|---|---|---|
| -1.24127 | -3.72906 | 2.23035 | 6.36469 | -0.180812 |

| STATISTIC | LOCATION ROW | LOCATION COLUMN | LAYER |
|---|---|---|---|
| MINIMUM | 47 | 20 | 1 |
| MAXIMUM | 44 | 18 | 1 |
| MEDIAN | 31 | 19 | 1 |
| MEDIAN | 35 | 15 | 1 |

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