

0	0	IPESTINT	INTERP				
0	0	0	1.0	NOSTOP	HDRYBOT	LIMOP	MINTHICK



#FINAL\_BASELINE\_6-11

#23 June 2011

FREE

HDF5 1.0 -1 "FINALWALL-LOWK-6-11.h5" "Arrays/ibound1" 1 0 13426

HDF5 1.0 -1 "FINALWALL-LOWK-6-11.h5" "Arrays/ibound2" 1 0 13426

HDF5 1.0 -1 "FINALWALL-LOWK-6-11.h5" "Arrays/ibound3" 1 0 13426

HDF5 1.0 -1 "FINALWALL-LOWK-6-11.h5" "Arrays/ibound4" 1 0 13426

HDF5 1.0 -1 "FINALWALL-LOWK-6-11.h5" "Arrays/ibound5" 1 0 13426

HDF5 1.0 -1 "FINALWALL-LOWK-6-11.h5" "Arrays/ibound6" 1 0 13426

-999.0

HDF5 1.0 -1 "FINALWALL-LOWK-6-11.h5" "Arrays/StartHead1" 1 0 13426

HDF5 1.0 -1 "FINALWALL-LOWK-6-11.h5" "Arrays/StartHead2" 1 0 13426

HDF5 1.0 -1 "FINALWALL-LOWK-6-11.h5" "Arrays/StartHead3" 1 0 13426

HDF5 1.0 -1 "FINALWALL-LOWK-6-11.h5" "Arrays/StartHead4" 1 0 13426

HDF5 1.0 -1 "FINALWALL-LOWK-6-11.h5" "Arrays/StartHead5" 1 0 13426

HDF5 1.0 -1 "FINALWALL-LOWK-6-11.h5" "Arrays/StartHead6" 1 0 13426



```
#GMS_HDF5_01
1745 AUX SHEADFACT AUX EHEADFACT AUX CELLGRP
      1745          0          0
GMS_HDF5_01 "FINALWALL-LOWK-6-11.h5" "Specified Head" 1
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329998.70383702 1.0 no_chdf0
#GMSCOMMENT 3be4c62f-eb6a-4a97-bc26-429697298077 ARC 3 223246.12936002
327906.04715751 1.0 no_chdf1
#GMSCOMMENT 3be4c62f-eb6a-4a97-bc26-429697298077 ARC 4 217142.50205785
326734.23394706 1.0 no_chdf2
#GMSCOMMENT 3be4c62f-eb6a-4a97-bc26-429697298077 ARC 6 222578.35112892
322254.84184513 1.0 no_chdf3
#GMSCOMMENT 3be4c62f-eb6a-4a97-bc26-429697298077 ARC 7 217489.64947981
323175.8728997 1.0 no_chdf4
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329998.70383702 1.0 no_chdf5
#GMSCOMMENT 40032957-9d1e-4e76-a16f-2e3eddda83fc ARC 3 223246.12936002
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#GMSCOMMENT 40032957-9d1e-4e76-a16f-2e3eddda83fc ARC 6 223218.45089825
323598.51628882 1.0 no_chdf8
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321550.15247573 1.0 no_chdf10
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329998.70383702 1.0 no_chdf11
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326734.23394706 1.0 no_chdf13
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322254.84184513 1.0 no_chdf14
#GMSCOMMENT 76adf7fe-22ab-44f0-94fb-60adc1ccd96e ARC 7 217489.64947981
323175.8728997 1.0 no_chdf15
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329998.70383702 1.0 no_chdf16
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1 100 8 1.0
1 99 8 1.0

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[illegible]



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5 54 5 1.0  
5 55 5 1.0  
5 56 5 1.0  
5 57 5 1.0  
5 58 5 1.0  
5 59 5 1.0  
5 60 5 1.0  
5 61 5 1.0  
5 62 5 1.0  
5 63 5 1.0



```

5 64 5 1.0
5 65 5 1.0
5 66 5 1.0
5 67 5 1.0
5 67 4 1.0
5 67 5 1.0
5 68 5 1.0
5 69 5 1.0
5 70 5 1.0
5 71 5 1.0
5 72 5 1.0
5 73 5 1.0
5 74 5 1.0
5 75 5 1.0
5 76 5 1.0
5 77 5 1.0
5 78 5 1.0
5 79 5 1.0
5 80 5 1.0
5 81 5 1.0
5 82 5 1.0
5 82 6 1.0
5 83 6 1.0
5 84 6 1.0
5 85 6 1.0
5 86 6 1.0
5 87 6 1.0
5 88 6 1.0
5 89 6 1.0
5 89 7 1.0
5 90 7 1.0
5 91 7 1.0
5 92 7 1.0
5 93 7 1.0
5 94 7 1.0
5 95 7 1.0
5 95 8 1.0
5 96 8 1.0
5 97 8 1.0
5 98 8 1.0
5 99 8 1.0
5 100 8 1.0
5 101 8 1.0
5 102 8 1.0
5 102 9 1.0
5 103 9 1.0
1 202
no_ghbf8 1 0.0 1.0 1.0e+019 1 1
5 108 11 1.0
5 109 11 1.0
5 109 12 1.0
5 110 12 1.0
5 111 12 1.0
5 111 13 1.0
5 112 13 1.0
5 113 13 1.0
5 113 14 1.0
5 114 14 1.0
5 114 15 1.0
5 115 15 1.0

```



5	116	15	1.0
5	116	16	1.0
5	117	16	1.0
5	118	16	1.0
5	118	17	1.0
5	119	17	1.0
5	120	17	1.0
5	120	18	1.0
5	121	18	1.0
5	122	18	1.0
5	122	19	1.0
5	123	19	1.0
5	124	19	1.0
5	124	20	1.0
5	125	20	1.0
5	125	21	1.0
5	125	22	1.0
5	126	22	1.0
5	126	23	1.0
5	126	24	1.0
5	126	25	1.0
5	126	26	1.0
5	127	26	1.0
5	127	27	1.0
5	127	28	1.0
5	127	29	1.0
5	128	29	1.0
5	128	30	1.0
5	128	31	1.0
5	128	32	1.0
5	128	33	1.0
5	129	33	1.0
5	129	34	1.0
5	129	35	1.0
5	129	36	1.0
5	130	36	1.0
5	130	37	1.0
5	130	38	1.0
5	130	39	1.0
5	130	40	1.0
5	130	41	1.0
5	131	41	1.0
5	131	42	1.0
5	131	43	1.0
5	131	44	1.0
5	131	45	1.0
5	131	46	1.0
5	131	47	1.0
5	131	48	1.0
5	131	49	1.0
5	132	49	1.0
5	132	50	1.0
5	132	51	1.0
5	132	52	1.0
5	132	53	1.0
5	131	53	1.0
5	131	54	1.0
5	131	55	1.0
5	131	56	1.0
5	131	57	1.0



5	131	58	1.0
5	131	59	1.0
5	130	59	1.0
5	130	60	1.0
5	130	61	1.0
5	130	62	1.0
5	130	63	1.0
5	129	63	1.0
5	129	64	1.0
5	129	65	1.0
5	129	66	1.0
5	129	67	1.0
5	128	67	1.0
5	128	68	1.0
5	128	69	1.0
5	128	70	1.0
5	128	71	1.0
5	127	71	1.0
5	127	72	1.0
5	127	73	1.0
5	127	74	1.0
5	127	75	1.0
5	126	75	1.0
5	126	76	1.0
5	126	77	1.0
5	126	78	1.0
5	126	79	1.0
5	125	79	1.0
5	125	80	1.0
5	124	80	1.0
5	124	81	1.0
5	123	81	1.0
5	122	81	1.0
5	122	82	1.0
5	121	82	1.0
5	120	82	1.0
5	120	83	1.0
5	119	83	1.0
5	119	84	1.0
5	118	84	1.0
5	117	84	1.0
5	117	85	1.0
5	116	85	1.0
5	115	85	1.0
5	115	86	1.0
5	114	86	1.0
5	113	86	1.0
5	113	87	1.0
5	112	87	1.0
5	111	87	1.0
5	111	88	1.0
5	110	88	1.0
5	109	88	1.0
5	109	89	1.0
5	108	89	1.0
5	107	89	1.0
5	107	90	1.0
5	106	90	1.0
5	105	90	1.0
5	105	91	1.0



5 104 91 1.0  
5 103 91 1.0  
5 103 92 1.0  
5 102 92 1.0  
5 101 92 1.0  
5 100 92 1.0  
5 99 92 1.0  
5 98 92 1.0  
5 97 92 1.0  
5 97 93 1.0  
5 96 93 1.0  
5 95 93 1.0  
5 94 93 1.0  
5 93 93 1.0  
5 92 93 1.0  
5 91 93 1.0  
5 90 93 1.0  
5 89 93 1.0  
5 88 93 1.0  
5 87 93 1.0  
5 86 93 1.0  
5 85 93 1.0  
5 84 93 1.0  
5 83 93 1.0  
5 83 94 1.0  
5 82 94 1.0  
5 81 94 1.0  
5 80 94 1.0  
5 79 94 1.0  
5 78 94 1.0  
5 77 94 1.0  
5 76 94 1.0  
5 75 94 1.0  
5 74 94 1.0  
5 73 94 1.0  
5 72 94 1.0  
5 71 94 1.0  
5 70 94 1.0  
5 69 94 1.0  
5 68 94 1.0  
5 67 94 1.0  
5 66 94 1.0  
5 65 94 1.0  
5 64 94 1.0  
5 63 94 1.0  
5 62 94 1.0  
5 61 94 1.0  
5 60 94 1.0  
5 59 94 1.0  
5 58 94 1.0  
5 57 94 1.0  
5 56 94 1.0  
5 55 94 1.0  
5 54 94 1.0  
5 53 94 1.0  
5 52 94 1.0  
5 51 94 1.0  
5 50 94 1.0  
5 49 94 1.0  
5 48 94 1.0



```
5 47 94 1.0
5 47 93 1.0
5 46 93 1.0
5 45 93 1.0
5 44 93 1.0
5 43 93 1.0
5 42 93 1.0
5 41 93 1.0
5 40 93 1.0
5 39 93 1.0
1 9
no_ghbf9 1 0.0 1.0 1.0e+019 1 1
5 103 9 0.0
5 103 9 1.0
5 104 9 1.0
5 105 9 1.0
5 105 10 1.0
5 106 10 1.0
5 107 10 1.0
5 107 11 1.0
5 108 11 1.0
```



```
#GMS_HDF5_01
874 740 AUX IFACE AUX CONDFACT AUX CELLGRP
      874      0      0
GMS_HDF5_01 "FINALWALL-LOWK-6-11.h5" "General Head" 1
```



MODFLOW-2000  
 U.S. GEOLOGICAL SURVEY MODULAR FINITE-DIFFERENCE GROUND-WATER FLOW  
 MODEL  
 VERSION 1.19.01 03/25/2010

This model run produced both GLOBAL and LIST files. This is the GLOBAL file.

GLOBAL LISTING FILE: "FINALWALL-LOWK-6-11.glo"  
 UNIT 701

OPENING "FINALWALL-LOWK-6-11.out"  
 FILE TYPE:LIST UNIT 702 STATUS:REPLACE  
 FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING "FINALWALL-LOWK-6-11.hed"  
 FILE TYPE:DATA (BINARY) UNIT 730 STATUS:UNKNOWN  
 FORMAT:BINARY ACCESS:SEQUENTIAL

OPENING "FINALWALL-LOWK-6-11.ccf"  
 FILE TYPE:DATA (BINARY) UNIT 740 STATUS:UNKNOWN  
 FORMAT:BINARY ACCESS:SEQUENTIAL

OPENING "FINALWALL-LOWK-6-11.lmt"  
 FILE TYPE:LMT6 UNIT 718 STATUS:OLD  
 FORMAT:FORMATTED ACCESS:SEQUENTIAL

#  
 # Obs-Sen-Pes Process Input Files

OPENING "FINALWALL-LOWK-6-11.obs"  
 FILE TYPE:OBS UNIT 750 STATUS:OLD  
 FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING "FINALWALL-LOWK-6-11.hob"  
 FILE TYPE:HOB UNIT 751 STATUS:OLD  
 FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING "FINALWALL-LOWK-6-11.gbob"  
 FILE TYPE:GBOB UNIT 753 STATUS:OLD  
 FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING "FINALWALL-LOWK-6-11.chob"  
 FILE TYPE:CHOB UNIT 755 STATUS:OLD  
 FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING "FINALWALL-LOWK-6-11.t\_snn"  
 FILE TYPE:SEN UNIT 757 STATUS:OLD  
 FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING "FINALWALL-LOWK-6-11.pes"  
 FILE TYPE:PES UNIT 758 STATUS:OLD  
 FORMAT:FORMATTED ACCESS:SEQUENTIAL

FILE TYPE:ASP: FILE = FINALWALL-LOWK-6-11.asp  
 #  
 # Global Input Files

OPENING "FINALWALL-LOWK-6-11.dis"  
 FILE TYPE:DIS UNIT 719 STATUS:OLD



```

FORMAT:FORMATTED          ACCESS:SEQUENTIAL
#
# Flow Process Input Files

```

```

OPENING "FINALWALL-LOWK-6-11.ba6"
FILE TYPE:BAS6   UNIT   703   STATUS:OLD
FORMAT:FORMATTED          ACCESS:SEQUENTIAL

```

```

OPENING "FINALWALL-LOWK-6-11.lpf"
FILE TYPE:LPF    UNIT   704   STATUS:OLD
FORMAT:FORMATTED          ACCESS:SEQUENTIAL

```

```

OPENING "FINALWALL-LOWK-6-11.oc"
FILE TYPE:OC     UNIT   715   STATUS:OLD
FORMAT:FORMATTED          ACCESS:SEQUENTIAL

```

```

OPENING "FINALWALL-LOWK-6-11.wel"
FILE TYPE:WEL    UNIT   709   STATUS:OLD
FORMAT:FORMATTED          ACCESS:SEQUENTIAL

```

```

OPENING "FINALWALL-LOWK-6-11.ghb"
FILE TYPE:GHB    UNIT   711   STATUS:OLD
FORMAT:FORMATTED          ACCESS:SEQUENTIAL

```

```

OPENING "FINALWALL-LOWK-6-11.chd"
FILE TYPE:CHD    UNIT   713   STATUS:OLD
FORMAT:FORMATTED          ACCESS:SEQUENTIAL

```

```

OPENING "FINALWALL-LOWK-6-11.pcg"
FILE TYPE:PCG    UNIT   714   STATUS:OLD
FORMAT:FORMATTED          ACCESS:SEQUENTIAL

```

THE FREE FORMAT OPTION HAS BEEN SELECTED

DISCRETIZATION INPUT DATA READ FROM UNIT 719

# MF2K DISCRETIZATION FILE

#

#

# NLAY NROW NCOL NPER TIMEUNITS LENUNITS

6 LAYERS 137 ROWS 98 COLUMNS

1 STRESS PERIOD(S) IN SIMULATION

MODEL TIME UNIT IS DAYS

MODEL LENGTH UNIT IS FEET

THE GROUND-WATER TRANSPORT PROCESS IS INACTIVE

THE OBSERVATION PROCESS IS ACTIVE

THE SENSITIVITY PROCESS IS ACTIVE, BUT ISENALL < 0

THE PARAMETER-ESTIMATION PROCESS IS ACTIVE

MODE: FORWARD WITH OBSERVATIONS AND PARAMETER-VALUE SUBSTITUTION

Confining bed flag for each layer:

0 0 0 0 0 0

725239	ELEMENTS OF GX ARRAY USED OUT OF	725239
80556	ELEMENTS OF GZ ARRAY USED OUT OF	80556
80556	ELEMENTS OF IG ARRAY USED OUT OF	80556



-----

VARIABLES READ FROM ASP INPUT FILE:-

NOSTOP = 0 : CEASE EXECUTION IF MODFLOW FAILS TO CONVERGE.  
 HYDRYBOT = 0 : ASSIGN HDRY TO HEAD IN DRY CELL.  
 MINTHICK = 1.000 : MINIMUM SATURATED THICKNESS FOR BASAL CELLS.  
 LIMOP = 0 : NO LIMITATIONS ON OBSERVATION OR SENSITIVITY  
 OUTPUT.

-----

DELR  
 READING ON UNIT 719 WITH FORMAT: (FREE)

DELC  
 READING ON UNIT 719 WITH FORMAT: (FREE)

STRESS PERIOD FLAG	LENGTH	TIME STEPS	MULTIPLIER FOR DELT	SS
-----------------------	--------	------------	---------------------	----

-----

1	1.000000	1	1.000	
---	----------	---	-------	--

SS  
STEADY-STATE SIMULATION

LPF1 -- LAYER PROPERTY FLOW PACKAGE, VERSION 1, 1/11/2000  
 INPUT READ FROM UNIT 704  
 CELL-BY-CELL FLOWS WILL BE SAVED ON UNIT 740  
 HEAD AT CELLS THAT CONVERT TO DRY= -888.00  
 No named parameters

LAYER FLAGS:

LAYER	LAYTYP	LAYAVG	CHANI	LAYVKA
-------	--------	--------	-------	--------

-----

1	1	0	-1.000E+00	1
0	2	0	-1.000E+00	1
0	3	0	-1.000E+00	1
0	4	0	-1.000E+00	1
0	5	0	-1.000E+00	1



```

0
  6          1          0    -1.000E+00          1
0

```

```

      INTERPRETATION OF LAYER FLAGS:
              INTERBLOCK      HORIZONTAL      DATA IN
      LAYER TYPE      TRANSMISSIVITY      ANISOTROPY      ARRAY VKA
WETTABILITY
  LAYER      (LAYTYP)      (LAYAVG)      (CHANI)      (LAYVKA)
(LAYWET)

-----
---
  1  CONVERTIBLE      HARMONIC      VARIABLE      ANISOTROPY  NON-
WETTABLE
  2  CONVERTIBLE      HARMONIC      VARIABLE      ANISOTROPY  NON-
WETTABLE
  3  CONVERTIBLE      HARMONIC      VARIABLE      ANISOTROPY  NON-
WETTABLE
  4  CONVERTIBLE      HARMONIC      VARIABLE      ANISOTROPY  NON-
WETTABLE
  5  CONVERTIBLE      HARMONIC      VARIABLE      ANISOTROPY  NON-
WETTABLE
  6  CONVERTIBLE      HARMONIC      VARIABLE      ANISOTROPY  NON-
WETTABLE

```

```

      308798 ELEMENTS IN X ARRAY ARE USED BY LPF
      36 ELEMENTS IN IX ARRAY ARE USED BY LPF

```

```

PCG2 -- CONJUGATE GRADIENT SOLUTION PACKAGE, VERSION 2.4, 12/29/98
MAXIMUM OF      100 CALLS OF SOLUTION ROUTINE
MAXIMUM OF      100 INTERNAL ITERATIONS PER CALL TO SOLUTION ROUTINE
MATRIX PRECONDITIONING TYPE :      1
      181112 ELEMENTS IN X ARRAY ARE USED BY PCG
      70000 ELEMENTS IN IX ARRAY ARE USED BY PCG
      322224 ELEMENTS IN Z ARRAY ARE USED BY PCG

```

```

SEN1BAS6 -- SENSITIVITY PROCESS, VERSION 1.0, 10/15/98
INPUT READ FROM UNIT 757

```

```

NUMBER OF PARAMETER VALUES TO BE READ FROM SEN FILE:      3
ISENALL.....:      -1
SENSITIVITY PROCESS HAS BEEN DEACTIVATED BECAUSE ISENALL<0
PARAMETER-ESTIMATION PROCESS HAS BEEN DEACTIVATED BECAUSE ISENALL<0

```

```

      80578 ELEMENTS IN X ARRAY ARE USED FOR SENSITIVITIES
      80556 ELEMENTS IN Z ARRAY ARE USED FOR SENSITIVITIES
      6 ELEMENTS IN IX ARRAY ARE USED FOR SENSITIVITIES

```

```

OBS1BAS6 -- OBSERVATION PROCESS, VERSION 1.0, 4/27/99
INPUT READ FROM UNIT 750
OBSERVATION GRAPH-DATA OUTPUT FILES
WILL BE PRINTED AND NAMED USING THE BASE: FINALWALL-LOWK-6-11

```

```

HEAD OBSERVATIONS -- INPUT READ FROM UNIT 751
#      CoverageGUID ObjectType ID X Y Time OBNAM
#GMSCOMMENT 6494998d-fca4-4b90-b668-5e5133ad91e9 POINT 17080, 221321.0,
326721.0 ts_0 hed1
#GMSCOMMENT 6494998d-fca4-4b90-b668-5e5133ad91e9 POINT 17081, 219772.0,
326783.0 ts_0 hed2

```



```
#GMSCOMMENT 6494998d-fca4-4b90-b668-5e5133ad91e9 POINT 17082, 220786.0,
324855.0 ts_0 hed3
#GMSCOMMENT 6494998d-fca4-4b90-b668-5e5133ad91e9 POINT 17083, 220375.0,
323884.0 ts_0 hed4
#GMSCOMMENT 6494998d-fca4-4b90-b668-5e5133ad91e9 POINT 17084, 219766.0,
325296.0 ts_0 hed5
#GMSCOMMENT 6494998d-fca4-4b90-b668-5e5133ad91e9 POINT 17106, 220139.0,
325390.0 ts_0 hed6
```

```
NUMBER OF HEADS.....: 6
NUMBER OF MULTILAYER HEADS.....: 0
MAXIMUM NUMBER OF LAYERS FOR MULTILAYER HEADS.....: 6
```

OBS1GHB6 -- OBSERVATION PROCESS (GENERAL HEAD BOUNDARY FLOW  
OBSERVATIONS)

VERSION 1.0, 10/15/98

INPUT READ FROM UNIT 753

```
# CoverageGUID ObjectType ID X Y Time OBNAME
#GMSCOMMENT 493720c9-cce2-4875-8a1d-0c8f1fc0c71c ARC 1 221592.17305898
329998.70383702 1.0 no_ghbf0
#GMSCOMMENT 493720c9-cce2-4875-8a1d-0c8f1fc0c71c ARC 3 223246.12936002
327906.04715751 1.0 no_ghbf1
#GMSCOMMENT 493720c9-cce2-4875-8a1d-0c8f1fc0c71c ARC 4 217142.50205785
326734.23394706 1.0 no_ghbf2
#GMSCOMMENT 493720c9-cce2-4875-8a1d-0c8f1fc0c71c ARC 6 222578.35112892
322254.84184513 1.0 no_ghbf3
#GMSCOMMENT 493720c9-cce2-4875-8a1d-0c8f1fc0c71c ARC 7 217489.64947981
323175.8728997 1.0 no_ghbf4
#GMSCOMMENT 5cdc328f-7c6c-4d61-a175-a9b6a1d4e818 ARC 1 221592.17305898
329998.70383702 1.0 no_ghbf5
#GMSCOMMENT 5cdc328f-7c6c-4d61-a175-a9b6a1d4e818 ARC 3 223246.12936002
327906.04715751 1.0 no_ghbf6
#GMSCOMMENT 5cdc328f-7c6c-4d61-a175-a9b6a1d4e818 ARC 4 217142.50205785
326734.23394706 1.0 no_ghbf7
#GMSCOMMENT 5cdc328f-7c6c-4d61-a175-a9b6a1d4e818 ARC 6 222578.35112892
322254.84184513 1.0 no_ghbf8
#GMSCOMMENT 5cdc328f-7c6c-4d61-a175-a9b6a1d4e818 ARC 7 217489.64947981
323175.8728997 1.0 no_ghbf9
```

```
NUMBER OF FLOW-OBSERVATION GENERAL-HEAD-CELL GROUPS: 10
NUMBER OF CELLS IN GENERAL-HEAD-CELL GROUPS.....: 878
NUMBER OF GENERAL-HEAD-CELL FLOWS.....: 10
```

OBS1BAS6F -- OBSERVATION PROCESS (CONSTANT-HEAD BOUNDARY FLOW  
OBSERVATIONS)

VERSION 1.0, 12/03/99

INPUT READ FROM UNIT 755

```
# CoverageGUID ObjectType ID X Y Time OBNAME
#GMSCOMMENT 3be4c62f-eb6a-4a97-bc26-429697298077 ARC 1 221592.17305898
329998.70383702 1.0 no_chdf0
#GMSCOMMENT 3be4c62f-eb6a-4a97-bc26-429697298077 ARC 3 223246.12936002
327906.04715751 1.0 no_chdf1
#GMSCOMMENT 3be4c62f-eb6a-4a97-bc26-429697298077 ARC 4 217142.50205785
326734.23394706 1.0 no_chdf2
#GMSCOMMENT 3be4c62f-eb6a-4a97-bc26-429697298077 ARC 6 222578.35112892
322254.84184513 1.0 no_chdf3
#GMSCOMMENT 3be4c62f-eb6a-4a97-bc26-429697298077 ARC 7 217489.64947981
323175.8728997 1.0 no_chdf4
#GMSCOMMENT 40032957-9d1e-4e76-a16f-2e3eddda83fc ARC 1 221592.17305898
329998.70383702 1.0 no_chdf5
```



```

#GMSCOMMENT 40032957-9d1e-4e76-a16f-2e3eddda83fc ARC 3 223246.12936002
327906.04715751 1.0 no_chdf6
#GMSCOMMENT 40032957-9d1e-4e76-a16f-2e3eddda83fc ARC 4 217142.50205785
326734.23394706 1.0 no_chdf7
#GMSCOMMENT 40032957-9d1e-4e76-a16f-2e3eddda83fc ARC 6 223218.45089825
323598.51628882 1.0 no_chdf8
#GMSCOMMENT 40032957-9d1e-4e76-a16f-2e3eddda83fc ARC 7 217489.64947981
323175.8728997 1.0 no_chdf9
#GMSCOMMENT 40032957-9d1e-4e76-a16f-2e3eddda83fc ARC 8 218698.66163564
321550.15247573 1.0 no_chdf10
#GMSCOMMENT 76adf7fe-22ab-44f0-94fb-60adc1ccd96e ARC 1 221592.17305898
329998.70383702 1.0 no_chdf11
#GMSCOMMENT 76adf7fe-22ab-44f0-94fb-60adc1ccd96e ARC 3 223246.12936002
327906.04715751 1.0 no_chdf12
#GMSCOMMENT 76adf7fe-22ab-44f0-94fb-60adc1ccd96e ARC 4 217142.50205785
326734.23394706 1.0 no_chdf13
#GMSCOMMENT 76adf7fe-22ab-44f0-94fb-60adc1ccd96e ARC 6 222578.35112892
322254.84184513 1.0 no_chdf14
#GMSCOMMENT 76adf7fe-22ab-44f0-94fb-60adc1ccd96e ARC 7 217489.64947981
323175.8728997 1.0 no_chdf15
#GMSCOMMENT 92ab0c53-96b1-4306-b9c9-5cf3cae37a05 ARC 1 221592.17305898
329998.70383702 1.0 no_chdf16
#GMSCOMMENT 92ab0c53-96b1-4306-b9c9-5cf3cae37a05 ARC 3 223246.12936002
327906.04715751 1.0 no_chdf17
#GMSCOMMENT 92ab0c53-96b1-4306-b9c9-5cf3cae37a05 ARC 4 217142.50205785
326734.23394706 1.0 no_chdf18
#GMSCOMMENT 92ab0c53-96b1-4306-b9c9-5cf3cae37a05 ARC 6 222578.35112892
322254.84184513 1.0 no_chdf19
#GMSCOMMENT 92ab0c53-96b1-4306-b9c9-5cf3cae37a05 ARC 7 217489.64947981
323175.8728997 1.0 no_chdf20

```

```

NUMBER OF FLOW-OBSERVATION CONSTANT-HEAD-CELL GROUPS: 21
NUMBER OF CELLS IN CONSTANT-HEAD-CELL GROUPS.....: 1745
NUMBER OF CONSTANT-HEAD-CELL FLOWS.....: 21

```

```

15826 ELEMENTS IN X ARRAY ARE USED FOR OBSERVATIONS
1056 ELEMENTS IN Z ARRAY ARE USED FOR OBSERVATIONS
311 ELEMENTS IN IX ARRAY ARE USED FOR OBSERVATIONS

```

```
COMMON ERROR VARIANCE FOR ALL OBSERVATIONS SET TO: 1.000
```

```

586314 ELEMENTS OF X ARRAY USED OUT OF 586314
403836 ELEMENTS OF Z ARRAY USED OUT OF 403836
70353 ELEMENTS OF IX ARRAY USED OUT OF 70353
0 ELEMENTS OF XHS ARRAY USED OUT OF 1

```

INFORMATION ON PARAMETERS LISTED IN SEN FILE				LOWER	UPPER
ALTERNATE				REASONABLE	REASONABLE
SCALING	VALUE IN SEN			REASONABLE	REASONABLE
NAME	ISENS	LN	INPUT FILE	LIMIT	LIMIT
FACTOR					
HK_100	1	1	20.000	0.10000E-02	20.000
1.0000					
GHB_300	1	0	79.704	0.10000E-02	1000.0
1.0000					
GHB_400	1	0	154.83	0.10000E-02	1000.0



1.0000

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 -----  
 FOR THE PARAMETERS LISTED IN THE TABLE ABOVE, PARAMETER VALUES IN  
 INDIVIDUAL  
 PACKAGE INPUT FILES ARE REPLACED BY THE VALUES FROM THE SEN INPUT FILE.  
 THE  
 ALTERNATE SCALING FACTOR IS USED TO SCALE SENSITIVITIES IF IT IS LARGER  
 THAN  
 THE PARAMETER VALUE IN ABSOLUTE VALUE AND THE PARAMETER IS NOT LOG-  
 TRANSFORMED.

BECAUSE ISENALL < 0, ALL ISENS ARE SET TO 0

HEAD OBSERVATION VARIANCES ARE MULTIPLIED BY: 1.000

OBSERVED HEAD DATA -- TIME OFFSETS ARE MULTIPLIED BY: 1.0000

OBSERVATION		REFER.	TIME			
STATISTIC	PLOT	STRESS				
OBS#	NAME	PERIOD	OFFSET	OBSERVATION	STATISTIC	TYPE
SYM.						
1	hed1	1	0.000	3690.	0.5102	STD.
DEV.	1					
2	hed2	1	0.000	3698.	0.5102	STD.
DEV.	1					
3	hed3	1	0.000	3701.	0.5102	STD.
DEV.	1					
4	hed4	1	0.000	3703.	0.5102	STD.
DEV.	1					
5	hed5	1	0.000	3706.	0.5102	STD.
DEV.	1					
6	hed6	1	0.000	3697.	0.5102	STD.
DEV.	1					

OBSERVATION		HEAD CHANGE					REFERENCE
OBS#	NAME	LAY	ROW	COL	ROW	COL	OBSERVATION
					OFFSET	OFFSET	(IF > 0)
1	hed1	5	51	68	-0.187	0.060	0
2	hed2	5	50	39	0.026	-0.009	0
3	hed3	5	84	61	0.251	0.224	0
4	hed4	5	97	55	-0.386	-0.062	0
5	hed5	5	76	39	0.497	-0.111	0
6	hed6	5	74	48	-0.302	0.400	0

GENERAL-HEAD-CELL FLOW OBSERVATION VARIANCES ARE MULTIPLIED BY:  
 1.000

OBSERVED GENERAL-HEAD-CELL FLOW DATA  
 -- TIME OFFSETS ARE MULTIPLIED BY: 1.0000

GROUP NUMBER: 1 BOUNDARY TYPE: GHB NUMBER OF CELLS IN GROUP:  
 89  
 NUMBER OF FLOW OBSERVATIONS: 1

REFER.	OBSERVED
	BOUNDARY FLOW



OBSERVATION	STRESS	TIME	GAIN (-) OR	
STATISTIC PLOT				
OBS# NAME	PERIOD	OFFSET	LOSS (+)	STATISTIC TYPE
7 no_ghbf0	1	0.000	1.000	0.1000E+20 STD.
DEV. 1				

LAYER	ROW	COLUMN	FACTOR
6.	33.	92.	1.00
6.	32.	92.	1.00
6.	32.	91.	1.00
6.	31.	91.	1.00
6.	30.	91.	1.00
6.	30.	90.	1.00
6.	29.	90.	1.00
6.	29.	89.	1.00
6.	28.	89.	1.00
6.	28.	88.	1.00
6.	27.	88.	1.00
6.	27.	87.	1.00
6.	26.	87.	1.00
6.	26.	86.	1.00
6.	25.	86.	1.00
6.	25.	85.	1.00
6.	24.	85.	1.00
6.	23.	85.	1.00
6.	23.	84.	1.00
6.	22.	84.	1.00
6.	22.	83.	1.00
6.	21.	83.	1.00
6.	21.	82.	1.00
6.	20.	82.	1.00
6.	20.	81.	1.00
6.	19.	81.	1.00
6.	19.	80.	1.00
6.	18.	80.	1.00
6.	18.	79.	1.00
6.	17.	79.	1.00
6.	16.	79.	1.00
6.	16.	78.	1.00
6.	15.	78.	1.00
6.	15.	77.	1.00
6.	14.	77.	1.00
6.	14.	76.	1.00
6.	13.	76.	1.00
6.	13.	75.	1.00
6.	12.	75.	1.00
6.	12.	74.	1.00
6.	11.	74.	1.00
6.	11.	73.	1.00
6.	10.	73.	1.00
6.	9.	73.	1.00
6.	9.	72.	1.00
6.	9.	71.	1.00
6.	9.	70.	1.00
6.	9.	69.	1.00
6.	9.	68.	1.00
6.	9.	67.	1.00
6.	9.	66.	1.00
6.	9.	65.	1.00



6.	9.	64.	1.00
6.	8.	64.	1.00
6.	8.	63.	1.00
6.	8.	62.	1.00
6.	8.	61.	1.00
6.	8.	60.	1.00
6.	8.	59.	1.00
6.	8.	58.	1.00
6.	8.	57.	1.00
6.	8.	56.	1.00
6.	8.	55.	1.00
6.	8.	54.	1.00
6.	8.	53.	1.00
6.	8.	52.	1.00
6.	8.	51.	1.00
6.	8.	50.	1.00
6.	7.	50.	1.00
6.	7.	49.	1.00
6.	7.	48.	1.00
6.	7.	47.	1.00
6.	7.	46.	1.00
6.	7.	45.	1.00
6.	7.	44.	1.00
6.	7.	43.	1.00
6.	7.	42.	1.00
6.	7.	41.	1.00
6.	7.	40.	1.00
6.	7.	39.	1.00
6.	7.	38.	1.00
6.	7.	37.	1.00
6.	7.	36.	1.00
6.	7.	35.	1.00
6.	7.	34.	1.00
6.	7.	33.	1.00
6.	6.	33.	1.00
6.	6.	32.	1.00
6.	6.	31.	1.00

GROUP NUMBER: 2 BOUNDARY TYPE: GHB NUMBER OF CELLS IN GROUP: 8  
 NUMBER OF FLOW OBSERVATIONS: 1

STATISTIC	OBSERVATION PLOT	REFER. STRESS	TIME	OBSERVED BOUNDARY FLOW GAIN (-) OR LOSS (+)	STATISTIC	TYPE
SYM.	8 no_ghbf1	1	0.000	1.000	0.1000E+20	STD.
DEV.	1					

LAYER	ROW	COLUMN	FACTOR
6.	39.	93.	1.00
6.	38.	93.	1.00
6.	37.	93.	1.00
6.	36.	93.	1.00
6.	35.	93.	1.00
6.	34.	93.	1.00
6.	34.	92.	1.00
6.	33.	92.	1.00



GROUP NUMBER: 3 BOUNDARY TYPE: GHB NUMBER OF CELLS IN GROUP:  
 131  
 NUMBER OF FLOW OBSERVATIONS: 1

STATISTIC	OBSERVATION PLOT	REFER. STRESS	TIME	OBSERVED BOUNDARY FLOW GAIN (-) OR LOSS (+)	STATISTIC	TYPE
SYM.	9 no_ghbf2	1	0.000	1.000	0.1000E+20	STD.
DEV.	1					

LAYER	ROW	COLUMN	FACTOR
6.	6.	31.	0.00
6.	6.	31.	1.00
6.	7.	31.	1.00
6.	7.	30.	1.00
6.	7.	29.	1.00
6.	8.	29.	1.00
6.	8.	28.	1.00
6.	8.	27.	1.00
6.	9.	27.	1.00
6.	9.	26.	1.00
6.	9.	25.	1.00
6.	10.	25.	1.00
6.	10.	24.	1.00
6.	11.	24.	1.00
6.	11.	23.	1.00
6.	11.	22.	1.00
6.	12.	22.	1.00
6.	12.	21.	1.00
6.	12.	20.	1.00
6.	13.	20.	1.00
6.	13.	19.	1.00
6.	13.	18.	1.00
6.	14.	18.	1.00
6.	14.	17.	1.00
6.	15.	17.	1.00
6.	15.	16.	1.00
6.	16.	16.	1.00
6.	16.	15.	1.00
6.	17.	15.	1.00
6.	18.	15.	1.00
6.	18.	14.	1.00
6.	19.	14.	1.00
6.	20.	14.	1.00
6.	20.	13.	1.00
6.	21.	13.	1.00
6.	22.	13.	1.00
6.	22.	12.	1.00
6.	23.	12.	1.00
6.	24.	12.	1.00
6.	24.	11.	1.00
6.	25.	11.	1.00
6.	26.	11.	1.00
6.	26.	10.	1.00
6.	27.	10.	1.00
6.	28.	10.	1.00



6.	28.	9.	1.00
6.	29.	9.	1.00
6.	30.	9.	1.00
6.	30.	8.	1.00
6.	31.	8.	1.00
6.	32.	8.	1.00
6.	32.	7.	1.00
6.	33.	7.	1.00
6.	34.	7.	1.00
6.	35.	7.	1.00
6.	36.	7.	1.00
6.	36.	6.	1.00
6.	37.	6.	1.00
6.	38.	6.	1.00
6.	39.	6.	1.00
6.	40.	6.	1.00
6.	41.	6.	1.00
6.	42.	6.	1.00
6.	43.	6.	1.00
6.	44.	6.	1.00
6.	45.	6.	1.00
6.	46.	6.	1.00
6.	47.	6.	1.00
6.	48.	6.	1.00
6.	49.	6.	1.00
6.	50.	6.	1.00
6.	51.	6.	1.00
6.	51.	5.	1.00
6.	52.	5.	1.00
6.	53.	5.	1.00
6.	54.	5.	1.00
6.	55.	5.	1.00
6.	56.	5.	1.00
6.	57.	5.	1.00
6.	58.	5.	1.00
6.	59.	5.	1.00
6.	60.	5.	1.00
6.	61.	5.	1.00
6.	62.	5.	1.00
6.	63.	5.	1.00
6.	64.	5.	1.00
6.	65.	5.	1.00
6.	66.	5.	1.00
6.	67.	5.	1.00
6.	67.	4.	1.00
6.	67.	5.	1.00
6.	68.	5.	1.00
6.	69.	5.	1.00
6.	70.	5.	1.00
6.	71.	5.	1.00
6.	72.	5.	1.00
6.	73.	5.	1.00
6.	74.	5.	1.00
6.	75.	5.	1.00
6.	76.	5.	1.00
6.	77.	5.	1.00
6.	78.	5.	1.00
6.	79.	5.	1.00
6.	80.	5.	1.00
6.	81.	5.	1.00



6.	82.	5.	1.00
6.	82.	6.	1.00
6.	83.	6.	1.00
6.	84.	6.	1.00
6.	85.	6.	1.00
6.	86.	6.	1.00
6.	87.	6.	1.00
6.	88.	6.	1.00
6.	89.	6.	1.00
6.	89.	7.	1.00
6.	90.	7.	1.00
6.	91.	7.	1.00
6.	92.	7.	1.00
6.	93.	7.	1.00
6.	94.	7.	1.00
6.	95.	7.	1.00
6.	95.	8.	1.00
6.	96.	8.	1.00
6.	97.	8.	1.00
6.	98.	8.	1.00
6.	99.	8.	1.00
6.	100.	8.	1.00
6.	101.	8.	1.00
6.	102.	8.	1.00
6.	102.	9.	1.00
6.	103.	9.	1.00

GROUP NUMBER: 4 BOUNDARY TYPE: GHB NUMBER OF CELLS IN GROUP:  
202

NUMBER OF FLOW OBSERVATIONS: 1

OBSERVATION		REFER.	TIME	OBSERVED		
STATISTIC	PLOT	STRESS		BOUNDARY FLOW		
OBS#	NAME	PERIOD	OFFSET	LOSS (+)	STATISTIC	TYPE
10	no_ghbf3	1	0.000	1.000	0.1000E+20	STD.
DEV.	1					

LAYER	ROW	COLUMN	FACTOR
6.	108.	11.	1.00
6.	109.	11.	1.00
6.	109.	12.	1.00
6.	110.	12.	1.00
6.	111.	12.	1.00
6.	111.	13.	1.00
6.	112.	13.	1.00
6.	113.	13.	1.00
6.	113.	14.	1.00
6.	114.	14.	1.00
6.	114.	15.	1.00
6.	115.	15.	1.00
6.	116.	15.	1.00
6.	116.	16.	1.00
6.	117.	16.	1.00
6.	118.	16.	1.00
6.	118.	17.	1.00
6.	119.	17.	1.00
6.	120.	17.	1.00



6.	120.	18.	1.00
6.	121.	18.	1.00
6.	122.	18.	1.00
6.	122.	19.	1.00
6.	123.	19.	1.00
6.	124.	19.	1.00
6.	124.	20.	1.00
6.	125.	20.	1.00
6.	125.	21.	1.00
6.	125.	22.	1.00
6.	126.	22.	1.00
6.	126.	23.	1.00
6.	126.	24.	1.00
6.	126.	25.	1.00
6.	126.	26.	1.00
6.	127.	26.	1.00
6.	127.	27.	1.00
6.	127.	28.	1.00
6.	127.	29.	1.00
6.	128.	29.	1.00
6.	128.	30.	1.00
6.	128.	31.	1.00
6.	128.	32.	1.00
6.	128.	33.	1.00
6.	129.	33.	1.00
6.	129.	34.	1.00
6.	129.	35.	1.00
6.	129.	36.	1.00
6.	130.	36.	1.00
6.	130.	37.	1.00
6.	130.	38.	1.00
6.	130.	39.	1.00
6.	130.	40.	1.00
6.	130.	41.	1.00
6.	131.	41.	1.00
6.	131.	42.	1.00
6.	131.	43.	1.00
6.	131.	44.	1.00
6.	131.	45.	1.00
6.	131.	46.	1.00
6.	131.	47.	1.00
6.	131.	48.	1.00
6.	131.	49.	1.00
6.	132.	49.	1.00
6.	132.	50.	1.00
6.	132.	51.	1.00
6.	132.	52.	1.00
6.	132.	53.	1.00
6.	131.	53.	1.00
6.	131.	54.	1.00
6.	131.	55.	1.00
6.	131.	56.	1.00
6.	131.	57.	1.00
6.	131.	58.	1.00
6.	131.	59.	1.00
6.	130.	59.	1.00
6.	130.	60.	1.00
6.	130.	61.	1.00
6.	130.	62.	1.00
6.	130.	63.	1.00



6.	129.	63.	1.00
6.	129.	64.	1.00
6.	129.	65.	1.00
6.	129.	66.	1.00
6.	129.	67.	1.00
6.	128.	67.	1.00
6.	128.	68.	1.00
6.	128.	69.	1.00
6.	128.	70.	1.00
6.	128.	71.	1.00
6.	127.	71.	1.00
6.	127.	72.	1.00
6.	127.	73.	1.00
6.	127.	74.	1.00
6.	127.	75.	1.00
6.	126.	75.	1.00
6.	126.	76.	1.00
6.	126.	77.	1.00
6.	126.	78.	1.00
6.	126.	79.	1.00
6.	125.	79.	1.00
6.	125.	80.	1.00
6.	124.	80.	1.00
6.	124.	81.	1.00
6.	123.	81.	1.00
6.	122.	81.	1.00
6.	122.	82.	1.00
6.	121.	82.	1.00
6.	120.	82.	1.00
6.	120.	83.	1.00
6.	119.	83.	1.00
6.	119.	84.	1.00
6.	118.	84.	1.00
6.	117.	84.	1.00
6.	117.	85.	1.00
6.	116.	85.	1.00
6.	115.	85.	1.00
6.	115.	86.	1.00
6.	114.	86.	1.00
6.	113.	86.	1.00
6.	113.	87.	1.00
6.	112.	87.	1.00
6.	111.	87.	1.00
6.	111.	88.	1.00
6.	110.	88.	1.00
6.	109.	88.	1.00
6.	109.	89.	1.00
6.	108.	89.	1.00
6.	107.	89.	1.00
6.	107.	90.	1.00
6.	106.	90.	1.00
6.	105.	90.	1.00
6.	105.	91.	1.00
6.	104.	91.	1.00
6.	103.	91.	1.00
6.	103.	92.	1.00
6.	102.	92.	1.00
6.	101.	92.	1.00
6.	100.	92.	1.00
6.	99.	92.	1.00



6.	98.	92.	1.00
6.	97.	92.	1.00
6.	97.	93.	1.00
6.	96.	93.	1.00
6.	95.	93.	1.00
6.	94.	93.	1.00
6.	93.	93.	1.00
6.	92.	93.	1.00
6.	91.	93.	1.00
6.	90.	93.	1.00
6.	89.	93.	1.00
6.	88.	93.	1.00
6.	87.	93.	1.00
6.	86.	93.	1.00
6.	85.	93.	1.00
6.	84.	93.	1.00
6.	83.	93.	1.00
6.	83.	94.	1.00
6.	82.	94.	1.00
6.	81.	94.	1.00
6.	80.	94.	1.00
6.	79.	94.	1.00
6.	78.	94.	1.00
6.	77.	94.	1.00
6.	76.	94.	1.00
6.	75.	94.	1.00
6.	74.	94.	1.00
6.	73.	94.	1.00
6.	72.	94.	1.00
6.	71.	94.	1.00
6.	70.	94.	1.00
6.	69.	94.	1.00
6.	68.	94.	1.00
6.	67.	94.	1.00
6.	66.	94.	1.00
6.	65.	94.	1.00
6.	64.	94.	1.00
6.	63.	94.	1.00
6.	62.	94.	1.00
6.	61.	94.	1.00
6.	60.	94.	1.00
6.	59.	94.	1.00
6.	58.	94.	1.00
6.	57.	94.	1.00
6.	56.	94.	1.00
6.	55.	94.	1.00
6.	54.	94.	1.00
6.	53.	94.	1.00
6.	52.	94.	1.00
6.	51.	94.	1.00
6.	50.	94.	1.00
6.	49.	94.	1.00
6.	48.	94.	1.00
6.	47.	94.	1.00
6.	47.	93.	1.00
6.	46.	93.	1.00
6.	45.	93.	1.00
6.	44.	93.	1.00
6.	43.	93.	1.00
6.	42.	93.	1.00



6.	41.	93.	1.00
6.	40.	93.	1.00
6.	39.	93.	1.00

9      GROUP NUMBER:            5      BOUNDARY TYPE: GHb      NUMBER OF CELLS IN GROUP:  
       NUMBER OF FLOW OBSERVATIONS:            1

STATISTIC	OBSERVATION PLOT	REFER. STRESS	TIME	OBSERVED BOUNDARY FLOW GAIN (-) OR	LOSS (+)	STATISTIC	TYPE
OBS#	NAME	PERIOD	OFFSET				
11	no_ghbf4	1	0.000	1.000	0.1000E+20	STD.	
DEV.	1						

LAYER	ROW	COLUMN	FACTOR
6.	103.	9.	0.00
6.	103.	9.	1.00
6.	104.	9.	1.00
6.	105.	9.	1.00
6.	105.	10.	1.00
6.	106.	10.	1.00
6.	107.	10.	1.00
6.	107.	11.	1.00
6.	108.	11.	1.00

89      GROUP NUMBER:            6      BOUNDARY TYPE: GHb      NUMBER OF CELLS IN GROUP:  
       NUMBER OF FLOW OBSERVATIONS:            1

STATISTIC	OBSERVATION PLOT	REFER. STRESS	TIME	OBSERVED BOUNDARY FLOW GAIN (-) OR	LOSS (+)	STATISTIC	TYPE
OBS#	NAME	PERIOD	OFFSET				
12	no_ghbf5	1	0.000	1.000	0.1000E+20	STD.	
DEV.	1						

LAYER	ROW	COLUMN	FACTOR
5.	33.	92.	1.00
5.	32.	92.	1.00
5.	32.	91.	1.00
5.	31.	91.	1.00
5.	30.	91.	1.00
5.	30.	90.	1.00
5.	29.	90.	1.00
5.	29.	89.	1.00
5.	28.	89.	1.00
5.	28.	88.	1.00
5.	27.	88.	1.00
5.	27.	87.	1.00
5.	26.	87.	1.00
5.	26.	86.	1.00
5.	25.	86.	1.00
5.	25.	85.	1.00
5.	24.	85.	1.00
5.	23.	85.	1.00



5.	23.	84.	1.00
5.	22.	84.	1.00
5.	22.	83.	1.00
5.	21.	83.	1.00
5.	21.	82.	1.00
5.	20.	82.	1.00
5.	20.	81.	1.00
5.	19.	81.	1.00
5.	19.	80.	1.00
5.	18.	80.	1.00
5.	18.	79.	1.00
5.	17.	79.	1.00
5.	16.	79.	1.00
5.	16.	78.	1.00
5.	15.	78.	1.00
5.	15.	77.	1.00
5.	14.	77.	1.00
5.	14.	76.	1.00
5.	13.	76.	1.00
5.	13.	75.	1.00
5.	12.	75.	1.00
5.	12.	74.	1.00
5.	11.	74.	1.00
5.	11.	73.	1.00
5.	10.	73.	1.00
5.	9.	73.	1.00
5.	9.	72.	1.00
5.	9.	71.	1.00
5.	9.	70.	1.00
5.	9.	69.	1.00
5.	9.	68.	1.00
5.	9.	67.	1.00
5.	9.	66.	1.00
5.	9.	65.	1.00
5.	9.	64.	1.00
5.	8.	64.	1.00
5.	8.	63.	1.00
5.	8.	62.	1.00
5.	8.	61.	1.00
5.	8.	60.	1.00
5.	8.	59.	1.00
5.	8.	58.	1.00
5.	8.	57.	1.00
5.	8.	56.	1.00
5.	8.	55.	1.00
5.	8.	54.	1.00
5.	8.	53.	1.00
5.	8.	52.	1.00
5.	8.	51.	1.00
5.	8.	50.	1.00
5.	7.	50.	1.00
5.	7.	49.	1.00
5.	7.	48.	1.00
5.	7.	47.	1.00
5.	7.	46.	1.00
5.	7.	45.	1.00
5.	7.	44.	1.00
5.	7.	43.	1.00
5.	7.	42.	1.00
5.	7.	41.	1.00



5.	7.	40.	1.00
5.	7.	39.	1.00
5.	7.	38.	1.00
5.	7.	37.	1.00
5.	7.	36.	1.00
5.	7.	35.	1.00
5.	7.	34.	1.00
5.	7.	33.	1.00
5.	6.	33.	1.00
5.	6.	32.	1.00
5.	6.	31.	1.00

GROUP NUMBER: 7 BOUNDARY TYPE: GHB NUMBER OF CELLS IN GROUP:  
8  
NUMBER OF FLOW OBSERVATIONS: 1

STATISTIC	OBSERVATION PLOT	REFER. STRESS	TIME	OBSERVED BOUNDARY FLOW GAIN (-) OR LOSS (+)	STATISTIC	TYPE
SYM.	13 no_ghbf6	1	0.000	1.000	0.1000E+20	STD.
DEV.	1					

LAYER	ROW	COLUMN	FACTOR
5.	39.	93.	1.00
5.	38.	93.	1.00
5.	37.	93.	1.00
5.	36.	93.	1.00
5.	35.	93.	1.00
5.	34.	93.	1.00
5.	34.	92.	1.00
5.	33.	92.	1.00

GROUP NUMBER: 8 BOUNDARY TYPE: GHB NUMBER OF CELLS IN GROUP:  
131  
NUMBER OF FLOW OBSERVATIONS: 1

STATISTIC	OBSERVATION PLOT	REFER. STRESS	TIME	OBSERVED BOUNDARY FLOW GAIN (-) OR LOSS (+)	STATISTIC	TYPE
SYM.	14 no_ghbf7	1	0.000	1.000	0.1000E+20	STD.
DEV.	1					

LAYER	ROW	COLUMN	FACTOR
5.	6.	31.	0.00
5.	6.	31.	1.00
5.	7.	31.	1.00
5.	7.	30.	1.00
5.	7.	29.	1.00
5.	8.	29.	1.00
5.	8.	28.	1.00
5.	8.	27.	1.00
5.	9.	27.	1.00
5.	9.	26.	1.00
5.	9.	25.	1.00



5.	10.	25.	1.00
5.	10.	24.	1.00
5.	11.	24.	1.00
5.	11.	23.	1.00
5.	11.	22.	1.00
5.	12.	22.	1.00
5.	12.	21.	1.00
5.	12.	20.	1.00
5.	13.	20.	1.00
5.	13.	19.	1.00
5.	13.	18.	1.00
5.	14.	18.	1.00
5.	14.	17.	1.00
5.	15.	17.	1.00
5.	15.	16.	1.00
5.	16.	16.	1.00
5.	16.	15.	1.00
5.	17.	15.	1.00
5.	18.	15.	1.00
5.	18.	14.	1.00
5.	19.	14.	1.00
5.	20.	14.	1.00
5.	20.	13.	1.00
5.	21.	13.	1.00
5.	22.	13.	1.00
5.	22.	12.	1.00
5.	23.	12.	1.00
5.	24.	12.	1.00
5.	24.	11.	1.00
5.	25.	11.	1.00
5.	26.	11.	1.00
5.	26.	10.	1.00
5.	27.	10.	1.00
5.	28.	10.	1.00
5.	28.	9.	1.00
5.	29.	9.	1.00
5.	30.	9.	1.00
5.	30.	8.	1.00
5.	31.	8.	1.00
5.	32.	8.	1.00
5.	32.	7.	1.00
5.	33.	7.	1.00
5.	34.	7.	1.00
5.	35.	7.	1.00
5.	36.	7.	1.00
5.	36.	6.	1.00
5.	37.	6.	1.00
5.	38.	6.	1.00
5.	39.	6.	1.00
5.	40.	6.	1.00
5.	41.	6.	1.00
5.	42.	6.	1.00
5.	43.	6.	1.00
5.	44.	6.	1.00
5.	45.	6.	1.00
5.	46.	6.	1.00
5.	47.	6.	1.00
5.	48.	6.	1.00
5.	49.	6.	1.00
5.	50.	6.	1.00



5.	51.	6.	1.00
5.	51.	5.	1.00
5.	52.	5.	1.00
5.	53.	5.	1.00
5.	54.	5.	1.00
5.	55.	5.	1.00
5.	56.	5.	1.00
5.	57.	5.	1.00
5.	58.	5.	1.00
5.	59.	5.	1.00
5.	60.	5.	1.00
5.	61.	5.	1.00
5.	62.	5.	1.00
5.	63.	5.	1.00
5.	64.	5.	1.00
5.	65.	5.	1.00
5.	66.	5.	1.00
5.	67.	5.	1.00
5.	67.	4.	1.00
5.	67.	5.	1.00
5.	68.	5.	1.00
5.	69.	5.	1.00
5.	70.	5.	1.00
5.	71.	5.	1.00
5.	72.	5.	1.00
5.	73.	5.	1.00
5.	74.	5.	1.00
5.	75.	5.	1.00
5.	76.	5.	1.00
5.	77.	5.	1.00
5.	78.	5.	1.00
5.	79.	5.	1.00
5.	80.	5.	1.00
5.	81.	5.	1.00
5.	82.	5.	1.00
5.	82.	6.	1.00
5.	83.	6.	1.00
5.	84.	6.	1.00
5.	85.	6.	1.00
5.	86.	6.	1.00
5.	87.	6.	1.00
5.	88.	6.	1.00
5.	89.	6.	1.00
5.	89.	7.	1.00
5.	90.	7.	1.00
5.	91.	7.	1.00
5.	92.	7.	1.00
5.	93.	7.	1.00
5.	94.	7.	1.00
5.	95.	7.	1.00
5.	95.	8.	1.00
5.	96.	8.	1.00
5.	97.	8.	1.00
5.	98.	8.	1.00
5.	99.	8.	1.00
5.	100.	8.	1.00
5.	101.	8.	1.00
5.	102.	8.	1.00
5.	102.	9.	1.00
5.	103.	9.	1.00



GROUP NUMBER: 9 BOUNDARY TYPE: GHB NUMBER OF CELLS IN GROUP:  
 202  
 NUMBER OF FLOW OBSERVATIONS: 1

STATISTIC	OBSERVATION PLOT	REFER. STRESS	TIME	OBSERVED BOUNDARY FLOW GAIN (-) OR LOSS (+)	STATISTIC	TYPE
SYM.	15 no_ghbf8	1	0.000	1.000	0.1000E+20	STD.
DEV.	1					

LAYER	ROW	COLUMN	FACTOR
5.	108.	11.	1.00
5.	109.	11.	1.00
5.	109.	12.	1.00
5.	110.	12.	1.00
5.	111.	12.	1.00
5.	111.	13.	1.00
5.	112.	13.	1.00
5.	113.	13.	1.00
5.	113.	14.	1.00
5.	114.	14.	1.00
5.	114.	15.	1.00
5.	115.	15.	1.00
5.	116.	15.	1.00
5.	116.	16.	1.00
5.	117.	16.	1.00
5.	118.	16.	1.00
5.	118.	17.	1.00
5.	119.	17.	1.00
5.	120.	17.	1.00
5.	120.	18.	1.00
5.	121.	18.	1.00
5.	122.	18.	1.00
5.	122.	19.	1.00
5.	123.	19.	1.00
5.	124.	19.	1.00
5.	124.	20.	1.00
5.	125.	20.	1.00
5.	125.	21.	1.00
5.	125.	22.	1.00
5.	126.	22.	1.00
5.	126.	23.	1.00
5.	126.	24.	1.00
5.	126.	25.	1.00
5.	126.	26.	1.00
5.	127.	26.	1.00
5.	127.	27.	1.00
5.	127.	28.	1.00
5.	127.	29.	1.00
5.	128.	29.	1.00
5.	128.	30.	1.00
5.	128.	31.	1.00
5.	128.	32.	1.00
5.	128.	33.	1.00
5.	129.	33.	1.00
5.	129.	34.	1.00



5.	129.	35.	1.00
5.	129.	36.	1.00
5.	130.	36.	1.00
5.	130.	37.	1.00
5.	130.	38.	1.00
5.	130.	39.	1.00
5.	130.	40.	1.00
5.	130.	41.	1.00
5.	131.	41.	1.00
5.	131.	42.	1.00
5.	131.	43.	1.00
5.	131.	44.	1.00
5.	131.	45.	1.00
5.	131.	46.	1.00
5.	131.	47.	1.00
5.	131.	48.	1.00
5.	131.	49.	1.00
5.	132.	49.	1.00
5.	132.	50.	1.00
5.	132.	51.	1.00
5.	132.	52.	1.00
5.	132.	53.	1.00
5.	131.	53.	1.00
5.	131.	54.	1.00
5.	131.	55.	1.00
5.	131.	56.	1.00
5.	131.	57.	1.00
5.	131.	58.	1.00
5.	131.	59.	1.00
5.	130.	59.	1.00
5.	130.	60.	1.00
5.	130.	61.	1.00
5.	130.	62.	1.00
5.	130.	63.	1.00
5.	129.	63.	1.00
5.	129.	64.	1.00
5.	129.	65.	1.00
5.	129.	66.	1.00
5.	129.	67.	1.00
5.	128.	67.	1.00
5.	128.	68.	1.00
5.	128.	69.	1.00
5.	128.	70.	1.00
5.	128.	71.	1.00
5.	127.	71.	1.00
5.	127.	72.	1.00
5.	127.	73.	1.00
5.	127.	74.	1.00
5.	127.	75.	1.00
5.	126.	75.	1.00
5.	126.	76.	1.00
5.	126.	77.	1.00
5.	126.	78.	1.00
5.	126.	79.	1.00
5.	125.	79.	1.00
5.	125.	80.	1.00
5.	124.	80.	1.00
5.	124.	81.	1.00
5.	123.	81.	1.00
5.	122.	81.	1.00



5.	122.	82.	1.00
5.	121.	82.	1.00
5.	120.	82.	1.00
5.	120.	83.	1.00
5.	119.	83.	1.00
5.	119.	84.	1.00
5.	118.	84.	1.00
5.	117.	84.	1.00
5.	117.	85.	1.00
5.	116.	85.	1.00
5.	115.	85.	1.00
5.	115.	86.	1.00
5.	114.	86.	1.00
5.	113.	86.	1.00
5.	113.	87.	1.00
5.	112.	87.	1.00
5.	111.	87.	1.00
5.	111.	88.	1.00
5.	110.	88.	1.00
5.	109.	88.	1.00
5.	109.	89.	1.00
5.	108.	89.	1.00
5.	107.	89.	1.00
5.	107.	90.	1.00
5.	106.	90.	1.00
5.	105.	90.	1.00
5.	105.	91.	1.00
5.	104.	91.	1.00
5.	103.	91.	1.00
5.	103.	92.	1.00
5.	102.	92.	1.00
5.	101.	92.	1.00
5.	100.	92.	1.00
5.	99.	92.	1.00
5.	98.	92.	1.00
5.	97.	92.	1.00
5.	97.	93.	1.00
5.	96.	93.	1.00
5.	95.	93.	1.00
5.	94.	93.	1.00
5.	93.	93.	1.00
5.	92.	93.	1.00
5.	91.	93.	1.00
5.	90.	93.	1.00
5.	89.	93.	1.00
5.	88.	93.	1.00
5.	87.	93.	1.00
5.	86.	93.	1.00
5.	85.	93.	1.00
5.	84.	93.	1.00
5.	83.	93.	1.00
5.	83.	94.	1.00
5.	82.	94.	1.00
5.	81.	94.	1.00
5.	80.	94.	1.00
5.	79.	94.	1.00
5.	78.	94.	1.00
5.	77.	94.	1.00
5.	76.	94.	1.00
5.	75.	94.	1.00



5.	74.	94.	1.00
5.	73.	94.	1.00
5.	72.	94.	1.00
5.	71.	94.	1.00
5.	70.	94.	1.00
5.	69.	94.	1.00
5.	68.	94.	1.00
5.	67.	94.	1.00
5.	66.	94.	1.00
5.	65.	94.	1.00
5.	64.	94.	1.00
5.	63.	94.	1.00
5.	62.	94.	1.00
5.	61.	94.	1.00
5.	60.	94.	1.00
5.	59.	94.	1.00
5.	58.	94.	1.00
5.	57.	94.	1.00
5.	56.	94.	1.00
5.	55.	94.	1.00
5.	54.	94.	1.00
5.	53.	94.	1.00
5.	52.	94.	1.00
5.	51.	94.	1.00
5.	50.	94.	1.00
5.	49.	94.	1.00
5.	48.	94.	1.00
5.	47.	94.	1.00
5.	47.	93.	1.00
5.	46.	93.	1.00
5.	45.	93.	1.00
5.	44.	93.	1.00
5.	43.	93.	1.00
5.	42.	93.	1.00
5.	41.	93.	1.00
5.	40.	93.	1.00
5.	39.	93.	1.00

GROUP NUMBER: 10 BOUNDARY TYPE: GHB NUMBER OF CELLS IN GROUP: 9  
 NUMBER OF FLOW OBSERVATIONS: 1

STATISTIC	OBSERVATION PLOT	REFER. STRESS	TIME	OBSERVED BOUNDARY FLOW GAIN (-) OR LOSS (+)	STATISTIC	TYPE
SYM.	OBS# NAME	PERIOD	OFFSET			
DEV.	16 no_ghbf9	1	0.000	1.000	0.1000E+20	STD.
	1					

LAYER	ROW	COLUMN	FACTOR
5.	103.	9.	0.00
5.	103.	9.	1.00
5.	104.	9.	1.00
5.	105.	9.	1.00
5.	105.	10.	1.00
5.	106.	10.	1.00
5.	107.	10.	1.00
5.	107.	11.	1.00



5. 108. 11. 1.00

CONSTANT-HEAD-CELL FLOW OBSERVATION VARIANCES ARE MULTIPLIED BY:  
1.000

OBSERVED CONSTANT-HEAD-CELL FLOW DATA  
-- TIME OFFSETS ARE MULTIPLIED BY: 1.0000

GROUP NUMBER: 11 BOUNDARY TYPE: CHD NUMBER OF CELLS IN GROUP:  
89  
NUMBER OF FLOW OBSERVATIONS: 1

STATISTIC	OBSERVATION PLOT	REFER. STRESS	TIME	OBSERVED BOUNDARY FLOW GAIN (-) OR LOSS (+)	STATISTIC	TYPE
SYM.	17 no_chdf0	1	0.000	1.000	0.1000E+20	STD.
DEV.	1					

LAYER	ROW	COLUMN	FACTOR
3.	6.	31.	0.43
3.	6.	32.	1.00
3.	6.	33.	1.00
3.	7.	33.	1.00
3.	7.	34.	1.00
3.	7.	35.	1.00
3.	7.	36.	1.00
3.	7.	37.	1.00
3.	7.	38.	1.00
3.	7.	39.	1.00
3.	7.	40.	1.00
3.	7.	41.	1.00
3.	7.	42.	1.00
3.	7.	43.	1.00
3.	7.	44.	1.00
3.	7.	45.	1.00
3.	7.	46.	1.00
3.	7.	47.	1.00
3.	7.	48.	1.00
3.	7.	49.	1.00
3.	7.	50.	1.00
3.	8.	50.	1.00
3.	8.	51.	1.00
3.	8.	52.	1.00
3.	8.	53.	1.00
3.	8.	54.	1.00
3.	8.	55.	1.00
3.	8.	56.	1.00
3.	8.	57.	1.00
3.	8.	58.	1.00
3.	8.	59.	1.00
3.	8.	60.	1.00
3.	8.	61.	1.00
3.	8.	62.	1.00
3.	8.	63.	1.00
3.	8.	64.	1.00
3.	9.	64.	1.00
3.	9.	65.	1.00



3.	9.	66.	1.00
3.	9.	67.	1.00
3.	9.	68.	1.00
3.	9.	69.	1.00
3.	9.	70.	1.00
3.	9.	71.	1.00
3.	9.	72.	1.00
3.	9.	73.	1.00
3.	10.	73.	1.00
3.	11.	73.	1.00
3.	11.	74.	1.00
3.	12.	74.	1.00
3.	12.	75.	1.00
3.	13.	75.	1.00
3.	13.	76.	1.00
3.	14.	76.	1.00
3.	14.	77.	1.00
3.	15.	77.	1.00
3.	15.	78.	1.00
3.	16.	78.	1.00
3.	16.	79.	1.00
3.	17.	79.	1.00
3.	18.	79.	1.00
3.	18.	80.	1.00
3.	19.	80.	1.00
3.	19.	81.	1.00
3.	20.	81.	1.00
3.	20.	82.	1.00
3.	21.	82.	1.00
3.	21.	83.	1.00
3.	22.	83.	1.00
3.	22.	84.	1.00
3.	23.	84.	1.00
3.	23.	85.	1.00
3.	24.	85.	1.00
3.	25.	85.	1.00
3.	25.	86.	1.00
3.	26.	86.	1.00
3.	26.	87.	1.00
3.	27.	87.	1.00
3.	27.	88.	1.00
3.	28.	88.	1.00
3.	28.	89.	1.00
3.	29.	89.	1.00
3.	29.	90.	1.00
3.	30.	90.	1.00
3.	30.	91.	1.00
3.	31.	91.	1.00
3.	32.	91.	1.00
3.	32.	92.	1.00
3.	33.	92.	0.25

GROUP NUMBER: 12    BOUNDARY TYPE: CHD    NUMBER OF CELLS IN GROUP: 8  
NUMBER OF FLOW OBSERVATIONS: 1

OBSERVATION STATISTIC	REFER. STRESS	TIME	OBSERVED BOUNDARY FLOW GAIN (-) OR
PLOT			



OBS#	NAME	PERIOD	OFFSET	LOSS (+)	STATISTIC	TYPE
SYM.						
18	no_chdf1	1	0.000	1.000	0.1000E+20	STD.
DEV.	1					

LAYER	ROW	COLUMN	FACTOR
3.	33.	92.	0.75
3.	34.	92.	1.00
3.	34.	93.	1.00
3.	35.	93.	1.00
3.	36.	93.	1.00
3.	37.	93.	1.00
3.	38.	93.	1.00
3.	39.	93.	0.34

GROUP NUMBER: 13    BOUNDARY TYPE: CHD    NUMBER OF CELLS IN GROUP: 129  
 NUMBER OF FLOW OBSERVATIONS: 1

OBSERVATION		REFER.	OBSERVED			
STATISTIC	PLOT	STRESS	TIME	BOUNDARY FLOW		
OBS#	NAME	PERIOD	OFFSET	LOSS (+)	STATISTIC	TYPE
SYM.						
19	no_chdf2	1	0.000	1.000	0.1000E+20	STD.
DEV.	1					

LAYER	ROW	COLUMN	FACTOR
3.	103.	9.	0.92
3.	102.	9.	1.00
3.	102.	8.	1.00
3.	101.	8.	1.00
3.	100.	8.	1.00
3.	99.	8.	1.00
3.	98.	8.	1.00
3.	97.	8.	1.00
3.	96.	8.	1.00
3.	95.	8.	1.00
3.	95.	7.	1.00
3.	94.	7.	1.00
3.	93.	7.	1.00
3.	92.	7.	1.00
3.	91.	7.	1.00
3.	90.	7.	1.00
3.	89.	7.	1.00
3.	89.	6.	1.00
3.	88.	6.	1.00
3.	87.	6.	1.00
3.	86.	6.	1.00
3.	85.	6.	1.00
3.	84.	6.	1.00
3.	83.	6.	1.00
3.	82.	6.	1.00
3.	82.	5.	1.00
3.	81.	5.	1.00
3.	80.	5.	1.00
3.	79.	5.	1.00
3.	78.	5.	1.00
3.	77.	5.	1.00



3.	76.	5.	1.00
3.	75.	5.	1.00
3.	74.	5.	1.00
3.	73.	5.	1.00
3.	72.	5.	1.00
3.	71.	5.	1.00
3.	70.	5.	1.00
3.	69.	5.	1.00
3.	68.	5.	1.00
3.	67.	5.	1.00
3.	67.	4.	1.00
3.	66.	5.	1.00
3.	65.	5.	1.00
3.	64.	5.	1.00
3.	63.	5.	1.00
3.	62.	5.	1.00
3.	61.	5.	1.00
3.	60.	5.	1.00
3.	59.	5.	1.00
3.	58.	5.	1.00
3.	57.	5.	1.00
3.	56.	5.	1.00
3.	55.	5.	1.00
3.	54.	5.	1.00
3.	53.	5.	1.00
3.	52.	5.	1.00
3.	51.	5.	1.00
3.	51.	6.	1.00
3.	50.	6.	1.00
3.	49.	6.	1.00
3.	48.	6.	1.00
3.	47.	6.	1.00
3.	46.	6.	1.00
3.	45.	6.	1.00
3.	44.	6.	1.00
3.	43.	6.	1.00
3.	42.	6.	1.00
3.	41.	6.	1.00
3.	40.	6.	1.00
3.	39.	6.	1.00
3.	38.	6.	1.00
3.	37.	6.	1.00
3.	36.	6.	1.00
3.	36.	7.	1.00
3.	35.	7.	1.00
3.	34.	7.	1.00
3.	33.	7.	1.00
3.	32.	7.	1.00
3.	32.	8.	1.00
3.	31.	8.	1.00
3.	30.	8.	1.00
3.	30.	9.	1.00
3.	29.	9.	1.00
3.	28.	9.	1.00
3.	28.	10.	1.00
3.	27.	10.	1.00
3.	26.	10.	1.00
3.	26.	11.	1.00
3.	25.	11.	1.00
3.	24.	11.	1.00



3.	24.	12.	1.00
3.	23.	12.	1.00
3.	22.	12.	1.00
3.	22.	13.	1.00
3.	21.	13.	1.00
3.	20.	13.	1.00
3.	20.	14.	1.00
3.	19.	14.	1.00
3.	18.	14.	1.00
3.	18.	15.	1.00
3.	17.	15.	1.00
3.	16.	15.	1.00
3.	16.	16.	1.00
3.	15.	16.	1.00
3.	15.	17.	1.00
3.	14.	17.	1.00
3.	14.	18.	1.00
3.	13.	18.	1.00
3.	13.	19.	1.00
3.	13.	20.	1.00
3.	12.	20.	1.00
3.	12.	21.	1.00
3.	12.	22.	1.00
3.	11.	22.	1.00
3.	11.	23.	1.00
3.	11.	24.	1.00
3.	10.	24.	1.00
3.	10.	25.	1.00
3.	9.	25.	1.00
3.	9.	26.	1.00
3.	9.	27.	1.00
3.	8.	27.	1.00
3.	8.	28.	1.00
3.	8.	29.	1.00
3.	7.	29.	1.00
3.	7.	30.	1.00
3.	7.	31.	1.00
3.	6.	31.	0.57

GROUP NUMBER: 14    BOUNDARY TYPE: CHD    NUMBER OF CELLS IN GROUP:  
202

NUMBER OF FLOW OBSERVATIONS: 1

OBSERVATION		REFER.	TIME	OBSERVED		
STATISTIC	PLOT	STRESS		BOUNDARY FLOW		
OBS#	NAME	PERIOD	OFFSET	GAIN (-) OR	LOSS (+)	STATISTIC
SYM.						TYPE
20	no_chdf3	1	0.000	1.000	0.1000E+20	STD.
DEV.	1					

LAYER	ROW	COLUMN	FACTOR
3.	39.	93.	0.66
3.	40.	93.	1.00
3.	41.	93.	1.00
3.	42.	93.	1.00
3.	43.	93.	1.00
3.	44.	93.	1.00
3.	45.	93.	1.00



3.	46.	93.	1.00
3.	47.	93.	1.00
3.	47.	94.	1.00
3.	48.	94.	1.00
3.	49.	94.	1.00
3.	50.	94.	1.00
3.	51.	94.	1.00
3.	52.	94.	1.00
3.	53.	94.	1.00
3.	54.	94.	1.00
3.	55.	94.	1.00
3.	56.	94.	1.00
3.	57.	94.	1.00
3.	58.	94.	1.00
3.	59.	94.	1.00
3.	60.	94.	1.00
3.	61.	94.	1.00
3.	62.	94.	1.00
3.	63.	94.	1.00
3.	64.	94.	1.00
3.	65.	94.	1.00
3.	66.	94.	1.00
3.	67.	94.	1.00
3.	68.	94.	1.00
3.	69.	94.	1.00
3.	70.	94.	1.00
3.	71.	94.	1.00
3.	72.	94.	1.00
3.	73.	94.	1.00
3.	74.	94.	1.00
3.	75.	94.	1.00
3.	76.	94.	1.00
3.	77.	94.	1.00
3.	78.	94.	1.00
3.	79.	94.	1.00
3.	80.	94.	1.00
3.	81.	94.	1.00
3.	82.	94.	1.00
3.	83.	94.	1.00
3.	83.	93.	1.00
3.	84.	93.	1.00
3.	85.	93.	1.00
3.	86.	93.	1.00
3.	87.	93.	1.00
3.	88.	93.	1.00
3.	89.	93.	1.00
3.	90.	93.	1.00
3.	91.	93.	1.00
3.	92.	93.	1.00
3.	93.	93.	1.00
3.	94.	93.	1.00
3.	95.	93.	1.00
3.	96.	93.	1.00
3.	97.	93.	1.00
3.	97.	92.	1.00
3.	98.	92.	1.00
3.	99.	92.	1.00
3.	100.	92.	1.00
3.	101.	92.	1.00
3.	102.	92.	1.00



3.	103.	92.	1.00
3.	103.	91.	1.00
3.	104.	91.	1.00
3.	105.	91.	1.00
3.	105.	90.	1.00
3.	106.	90.	1.00
3.	107.	90.	1.00
3.	107.	89.	1.00
3.	108.	89.	1.00
3.	109.	89.	1.00
3.	109.	88.	1.00
3.	110.	88.	1.00
3.	111.	88.	1.00
3.	111.	87.	1.00
3.	112.	87.	1.00
3.	113.	87.	1.00
3.	113.	86.	1.00
3.	114.	86.	1.00
3.	115.	86.	1.00
3.	115.	85.	1.00
3.	116.	85.	1.00
3.	117.	85.	1.00
3.	117.	84.	1.00
3.	118.	84.	1.00
3.	119.	84.	1.00
3.	119.	83.	1.00
3.	120.	83.	1.00
3.	120.	82.	1.00
3.	121.	82.	1.00
3.	122.	82.	1.00
3.	122.	81.	1.00
3.	123.	81.	1.00
3.	124.	81.	1.00
3.	124.	80.	1.00
3.	125.	80.	1.00
3.	125.	79.	1.00
3.	126.	79.	1.00
3.	126.	78.	1.00
3.	126.	77.	1.00
3.	126.	76.	1.00
3.	126.	75.	1.00
3.	127.	75.	1.00
3.	127.	74.	1.00
3.	127.	73.	1.00
3.	127.	72.	1.00
3.	127.	71.	1.00
3.	128.	71.	1.00
3.	128.	70.	1.00
3.	128.	69.	1.00
3.	128.	68.	1.00
3.	128.	67.	1.00
3.	129.	67.	1.00
3.	129.	66.	1.00
3.	129.	65.	1.00
3.	129.	64.	1.00
3.	129.	63.	1.00
3.	130.	63.	1.00
3.	130.	62.	1.00
3.	130.	61.	1.00
3.	130.	60.	1.00



3.	130.	59.	1.00
3.	131.	59.	1.00
3.	131.	58.	1.00
3.	131.	57.	1.00
3.	131.	56.	1.00
3.	131.	55.	1.00
3.	131.	54.	1.00
3.	131.	53.	1.00
3.	132.	53.	1.00
3.	132.	52.	1.00
3.	132.	51.	1.00
3.	132.	50.	1.00
3.	132.	49.	1.00
3.	131.	49.	1.00
3.	131.	48.	1.00
3.	131.	47.	1.00
3.	131.	46.	1.00
3.	131.	45.	1.00
3.	131.	44.	1.00
3.	131.	43.	1.00
3.	131.	42.	1.00
3.	131.	41.	1.00
3.	130.	41.	1.00
3.	130.	40.	1.00
3.	130.	39.	1.00
3.	130.	38.	1.00
3.	130.	37.	1.00
3.	130.	36.	1.00
3.	129.	36.	1.00
3.	129.	35.	1.00
3.	129.	34.	1.00
3.	129.	33.	1.00
3.	128.	33.	1.00
3.	128.	32.	1.00
3.	128.	31.	1.00
3.	128.	30.	1.00
3.	128.	29.	1.00
3.	127.	29.	1.00
3.	127.	28.	1.00
3.	127.	27.	1.00
3.	127.	26.	1.00
3.	126.	26.	1.00
3.	126.	25.	1.00
3.	126.	24.	1.00
3.	126.	23.	1.00
3.	126.	22.	1.00
3.	125.	22.	1.00
3.	125.	21.	1.00
3.	125.	20.	1.00
3.	124.	20.	1.00
3.	124.	19.	1.00
3.	123.	19.	1.00
3.	122.	19.	1.00
3.	122.	18.	1.00
3.	121.	18.	1.00
3.	120.	18.	1.00
3.	120.	17.	1.00
3.	119.	17.	1.00
3.	118.	17.	1.00
3.	118.	16.	1.00



3.	117.	16.	1.00
3.	116.	16.	1.00
3.	116.	15.	1.00
3.	115.	15.	1.00
3.	114.	15.	1.00
3.	114.	14.	1.00
3.	113.	14.	1.00
3.	113.	13.	1.00
3.	112.	13.	1.00
3.	111.	13.	1.00
3.	111.	12.	1.00
3.	110.	12.	1.00
3.	109.	12.	1.00
3.	109.	11.	1.00
3.	108.	11.	0.67

8      GROUP NUMBER: 15      BOUNDARY TYPE: CHD      NUMBER OF CELLS IN GROUP:  
 NUMBER OF FLOW OBSERVATIONS: 1

OBSERVATION		REFER.	TIME	OBSERVED		
STATISTIC	PLOT	STRESS		BOUNDARY FLOW		
OBS#	NAME	PERIOD	OFFSET	LOSS (+)	STATISTIC	TYPE
21	no_chdf4	1	0.000	1.000	0.1000E+20	STD.
DEV.	1					

LAYER	ROW	COLUMN	FACTOR
3.	108.	11.	0.33
3.	107.	11.	1.00
3.	107.	10.	1.00
3.	106.	10.	1.00
3.	105.	10.	1.00
3.	105.	9.	1.00
3.	104.	9.	1.00
3.	103.	9.	0.08

89      GROUP NUMBER: 16      BOUNDARY TYPE: CHD      NUMBER OF CELLS IN GROUP:  
 NUMBER OF FLOW OBSERVATIONS: 1

OBSERVATION		REFER.	TIME	OBSERVED		
STATISTIC	PLOT	STRESS		BOUNDARY FLOW		
OBS#	NAME	PERIOD	OFFSET	LOSS (+)	STATISTIC	TYPE
22	no_chdf5	1	0.000	1.000	0.1000E+20	STD.
DEV.	1					

LAYER	ROW	COLUMN	FACTOR
1.	6.	31.	0.43
1.	6.	32.	1.00
1.	6.	33.	1.00
1.	7.	33.	1.00
1.	7.	34.	1.00
1.	7.	35.	1.00
1.	7.	36.	1.00



1.	7.	37.	1.00
1.	7.	38.	1.00
1.	7.	39.	1.00
1.	7.	40.	1.00
1.	7.	41.	1.00
1.	7.	42.	1.00
1.	7.	43.	1.00
1.	7.	44.	1.00
1.	7.	45.	1.00
1.	7.	46.	1.00
1.	7.	47.	1.00
1.	7.	48.	1.00
1.	7.	49.	1.00
1.	7.	50.	1.00
1.	8.	50.	1.00
1.	8.	51.	1.00
1.	8.	52.	1.00
1.	8.	53.	1.00
1.	8.	54.	1.00
1.	8.	55.	1.00
1.	8.	56.	1.00
1.	8.	57.	1.00
1.	8.	58.	1.00
1.	8.	59.	1.00
1.	8.	60.	1.00
1.	8.	61.	1.00
1.	8.	62.	1.00
1.	8.	63.	1.00
1.	8.	64.	1.00
1.	9.	64.	1.00
1.	9.	65.	1.00
1.	9.	66.	1.00
1.	9.	67.	1.00
1.	9.	68.	1.00
1.	9.	69.	1.00
1.	9.	70.	1.00
1.	9.	71.	1.00
1.	9.	72.	1.00
1.	9.	73.	1.00
1.	10.	73.	1.00
1.	11.	73.	1.00
1.	11.	74.	1.00
1.	12.	74.	1.00
1.	12.	75.	1.00
1.	13.	75.	1.00
1.	13.	76.	1.00
1.	14.	76.	1.00
1.	14.	77.	1.00
1.	15.	77.	1.00
1.	15.	78.	1.00
1.	16.	78.	1.00
1.	16.	79.	1.00
1.	17.	79.	1.00
1.	18.	79.	1.00
1.	18.	80.	1.00
1.	19.	80.	1.00
1.	19.	81.	1.00
1.	20.	81.	1.00
1.	20.	82.	1.00
1.	21.	82.	1.00



1.	21.	83.	1.00
1.	22.	83.	1.00
1.	22.	84.	1.00
1.	23.	84.	1.00
1.	23.	85.	1.00
1.	24.	85.	1.00
1.	25.	85.	1.00
1.	25.	86.	1.00
1.	26.	86.	1.00
1.	26.	87.	1.00
1.	27.	87.	1.00
1.	27.	88.	1.00
1.	28.	88.	1.00
1.	28.	89.	1.00
1.	29.	89.	1.00
1.	29.	90.	1.00
1.	30.	90.	1.00
1.	30.	91.	1.00
1.	31.	91.	1.00
1.	32.	91.	1.00
1.	32.	92.	1.00
1.	33.	92.	0.25

GROUP NUMBER: 17    BOUNDARY TYPE: CHD    NUMBER OF CELLS IN GROUP:  
8  
NUMBER OF FLOW OBSERVATIONS: 1

OBSERVATION		REFER.	TIME	OBSERVED BOUNDARY FLOW GAIN (-) OR			
STATISTIC	PLOT	STRESS		LOSS (+)	STATISTIC	TYPE	
OBS#	NAME	PERIOD	OFFSET				
SYM.							
23	no_chdf6	1	0.000	1.000	0.1000E+20	STD.	
DEV.	1						

LAYER	ROW	COLUMN	FACTOR
1.	33.	92.	0.75
1.	34.	92.	1.00
1.	34.	93.	1.00
1.	35.	93.	1.00
1.	36.	93.	1.00
1.	37.	93.	1.00
1.	38.	93.	1.00
1.	39.	93.	0.34

GROUP NUMBER: 18    BOUNDARY TYPE: CHD    NUMBER OF CELLS IN GROUP:  
129  
NUMBER OF FLOW OBSERVATIONS: 1

OBSERVATION		REFER.	TIME	OBSERVED BOUNDARY FLOW GAIN (-) OR			
STATISTIC	PLOT	STRESS		LOSS (+)	STATISTIC	TYPE	
OBS#	NAME	PERIOD	OFFSET				
SYM.							
24	no_chdf7	1	0.000	1.000	0.1000E+20	STD.	
DEV.	1						

LAYER	ROW	COLUMN	FACTOR
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1.	103.	9.	0.92
1.	102.	9.	1.00
1.	102.	8.	1.00
1.	101.	8.	1.00
1.	100.	8.	1.00
1.	99.	8.	1.00
1.	98.	8.	1.00
1.	97.	8.	1.00
1.	96.	8.	1.00
1.	95.	8.	1.00
1.	95.	7.	1.00
1.	94.	7.	1.00
1.	93.	7.	1.00
1.	92.	7.	1.00
1.	91.	7.	1.00
1.	90.	7.	1.00
1.	89.	7.	1.00
1.	89.	6.	1.00
1.	88.	6.	1.00
1.	87.	6.	1.00
1.	86.	6.	1.00
1.	85.	6.	1.00
1.	84.	6.	1.00
1.	83.	6.	1.00
1.	82.	6.	1.00
1.	82.	5.	1.00
1.	81.	5.	1.00
1.	80.	5.	1.00
1.	79.	5.	1.00
1.	78.	5.	1.00
1.	77.	5.	1.00
1.	76.	5.	1.00
1.	75.	5.	1.00
1.	74.	5.	1.00
1.	73.	5.	1.00
1.	72.	5.	1.00
1.	71.	5.	1.00
1.	70.	5.	1.00
1.	69.	5.	1.00
1.	68.	5.	1.00
1.	67.	5.	1.00
1.	67.	4.	1.00
1.	66.	5.	1.00
1.	65.	5.	1.00
1.	64.	5.	1.00
1.	63.	5.	1.00
1.	62.	5.	1.00
1.	61.	5.	1.00
1.	60.	5.	1.00
1.	59.	5.	1.00
1.	58.	5.	1.00
1.	57.	5.	1.00
1.	56.	5.	1.00
1.	55.	5.	1.00
1.	54.	5.	1.00
1.	53.	5.	1.00
1.	52.	5.	1.00
1.	51.	5.	1.00
1.	51.	6.	1.00
1.	50.	6.	1.00



1.	49.	6.	1.00
1.	48.	6.	1.00
1.	47.	6.	1.00
1.	46.	6.	1.00
1.	45.	6.	1.00
1.	44.	6.	1.00
1.	43.	6.	1.00
1.	42.	6.	1.00
1.	41.	6.	1.00
1.	40.	6.	1.00
1.	39.	6.	1.00
1.	38.	6.	1.00
1.	37.	6.	1.00
1.	36.	6.	1.00
1.	36.	7.	1.00
1.	35.	7.	1.00
1.	34.	7.	1.00
1.	33.	7.	1.00
1.	32.	7.	1.00
1.	32.	8.	1.00
1.	31.	8.	1.00
1.	30.	8.	1.00
1.	30.	9.	1.00
1.	29.	9.	1.00
1.	28.	9.	1.00
1.	28.	10.	1.00
1.	27.	10.	1.00
1.	26.	10.	1.00
1.	26.	11.	1.00
1.	25.	11.	1.00
1.	24.	11.	1.00
1.	24.	12.	1.00
1.	23.	12.	1.00
1.	22.	12.	1.00
1.	22.	13.	1.00
1.	21.	13.	1.00
1.	20.	13.	1.00
1.	20.	14.	1.00
1.	19.	14.	1.00
1.	18.	14.	1.00
1.	18.	15.	1.00
1.	17.	15.	1.00
1.	16.	15.	1.00
1.	16.	16.	1.00
1.	15.	16.	1.00
1.	15.	17.	1.00
1.	14.	17.	1.00
1.	14.	18.	1.00
1.	13.	18.	1.00
1.	13.	19.	1.00
1.	13.	20.	1.00
1.	12.	20.	1.00
1.	12.	21.	1.00
1.	12.	22.	1.00
1.	11.	22.	1.00
1.	11.	23.	1.00
1.	11.	24.	1.00
1.	10.	24.	1.00
1.	10.	25.	1.00
1.	9.	25.	1.00



1.	9.	26.	1.00
1.	9.	27.	1.00
1.	8.	27.	1.00
1.	8.	28.	1.00
1.	8.	29.	1.00
1.	7.	29.	1.00
1.	7.	30.	1.00
1.	7.	31.	1.00
1.	6.	31.	0.57

GROUP NUMBER: 19    BOUNDARY TYPE: CHD    NUMBER OF CELLS IN GROUP:  
138  
NUMBER OF FLOW OBSERVATIONS: 1

OBSERVATION		REFER.	TIME	OBSERVED		
STATISTIC	PLOT	STRESS		BOUNDARY FLOW		
OBS#	NAME	PERIOD	OFFSET	LOSS (+)	STATISTIC	TYPE
25	no_chdf8	1	0.000	1.000	0.1000E+20	STD.
DEV.	1					

LAYER	ROW	COLUMN	FACTOR
1.	39.	93.	0.66
1.	40.	93.	1.00
1.	41.	93.	1.00
1.	42.	93.	1.00
1.	43.	93.	1.00
1.	44.	93.	1.00
1.	45.	93.	1.00
1.	46.	93.	1.00
1.	47.	93.	1.00
1.	47.	94.	1.00
1.	48.	94.	1.00
1.	49.	94.	1.00
1.	50.	94.	1.00
1.	51.	94.	1.00
1.	52.	94.	1.00
1.	53.	94.	1.00
1.	54.	94.	1.00
1.	55.	94.	1.00
1.	56.	94.	1.00
1.	57.	94.	1.00
1.	58.	94.	1.00
1.	59.	94.	1.00
1.	60.	94.	1.00
1.	61.	94.	1.00
1.	62.	94.	1.00
1.	63.	94.	1.00
1.	64.	94.	1.00
1.	65.	94.	1.00
1.	66.	94.	1.00
1.	67.	94.	1.00
1.	68.	94.	1.00
1.	69.	94.	1.00
1.	70.	94.	1.00
1.	71.	94.	1.00
1.	72.	94.	1.00
1.	73.	94.	1.00



1.	74.	94.	1.00
1.	75.	94.	1.00
1.	76.	94.	1.00
1.	77.	94.	1.00
1.	78.	94.	1.00
1.	79.	94.	1.00
1.	80.	94.	1.00
1.	81.	94.	1.00
1.	82.	94.	1.00
1.	83.	94.	1.00
1.	83.	93.	1.00
1.	84.	93.	1.00
1.	85.	93.	1.00
1.	86.	93.	1.00
1.	87.	93.	1.00
1.	88.	93.	1.00
1.	89.	93.	1.00
1.	90.	93.	1.00
1.	91.	93.	1.00
1.	92.	93.	1.00
1.	93.	93.	1.00
1.	94.	93.	1.00
1.	95.	93.	1.00
1.	96.	93.	1.00
1.	97.	93.	1.00
1.	97.	92.	1.00
1.	98.	92.	1.00
1.	99.	92.	1.00
1.	100.	92.	1.00
1.	101.	92.	1.00
1.	102.	92.	1.00
1.	103.	92.	1.00
1.	103.	91.	1.00
1.	104.	91.	1.00
1.	105.	91.	1.00
1.	105.	90.	1.00
1.	106.	90.	1.00
1.	107.	90.	1.00
1.	107.	89.	1.00
1.	108.	89.	1.00
1.	109.	89.	1.00
1.	109.	88.	1.00
1.	110.	88.	1.00
1.	111.	88.	1.00
1.	111.	87.	1.00
1.	112.	87.	1.00
1.	113.	87.	1.00
1.	113.	86.	1.00
1.	114.	86.	1.00
1.	115.	86.	1.00
1.	115.	85.	1.00
1.	116.	85.	1.00
1.	117.	85.	1.00
1.	117.	84.	1.00
1.	118.	84.	1.00
1.	119.	84.	1.00
1.	119.	83.	1.00
1.	120.	83.	1.00
1.	120.	82.	1.00
1.	121.	82.	1.00



1.	122.	82.	1.00
1.	122.	81.	1.00
1.	123.	81.	1.00
1.	124.	81.	1.00
1.	124.	80.	1.00
1.	125.	80.	1.00
1.	125.	79.	1.00
1.	126.	79.	1.00
1.	126.	78.	1.00
1.	126.	77.	1.00
1.	126.	76.	1.00
1.	126.	75.	1.00
1.	127.	75.	1.00
1.	127.	74.	1.00
1.	127.	73.	1.00
1.	127.	72.	1.00
1.	127.	71.	1.00
1.	128.	71.	1.00
1.	128.	70.	1.00
1.	128.	69.	1.00
1.	128.	68.	1.00
1.	128.	67.	1.00
1.	129.	67.	1.00
1.	129.	66.	1.00
1.	129.	65.	1.00
1.	129.	64.	1.00
1.	129.	63.	1.00
1.	130.	63.	1.00
1.	130.	62.	1.00
1.	130.	61.	1.00
1.	130.	60.	1.00
1.	130.	59.	1.00
1.	131.	59.	1.00
1.	131.	58.	1.00
1.	131.	57.	1.00
1.	131.	56.	1.00
1.	131.	55.	1.00
1.	131.	54.	1.00
1.	131.	53.	1.00
1.	132.	53.	1.00
1.	132.	52.	1.00
1.	132.	51.	0.56

GROUP NUMBER: 20    BOUNDARY TYPE: CHD    NUMBER OF CELLS IN GROUP: 8  
 NUMBER OF FLOW OBSERVATIONS: 1

OBSERVATION		REFER.	OBSERVED			
STATISTIC	PLOT	STRESS	TIME	BOUNDARY FLOW		
OBS#	NAME	PERIOD	OFFSET	LOSS (+)	STATISTIC	TYPE
26	no_chdf9	1	0.000	1.000	0.1000E+20	STD.
DEV.	1					

  

LAYER	ROW	COLUMN	FACTOR
1.	108.	11.	0.33
1.	107.	11.	1.00
1.	107.	10.	1.00



1.	106.	10.	1.00
1.	105.	10.	1.00
1.	105.	9.	1.00
1.	104.	9.	1.00
1.	103.	9.	0.08

GROUP NUMBER: 21    BOUNDARY TYPE: CHD    NUMBER OF CELLS IN GROUP:  
65  
NUMBER OF FLOW OBSERVATIONS: 1

OBSERVATION		REFER.	TIME	OBSERVED BOUNDARY FLOW		
STATISTIC	PLOT	STRESS		GAIN (-) OR		
OBS#	NAME	PERIOD	OFFSET	LOSS (+)	STATISTIC	TYPE
27	no_chdf10	1	0.000	1.000	0.1000E+20	STD.
DEV.	1					

LAYER	ROW	COLUMN	FACTOR
1.	132.	51.	0.44
1.	132.	50.	1.00
1.	132.	49.	1.00
1.	131.	49.	1.00
1.	131.	48.	1.00
1.	131.	47.	1.00
1.	131.	46.	1.00
1.	131.	45.	1.00
1.	131.	44.	1.00
1.	131.	43.	1.00
1.	131.	42.	1.00
1.	131.	41.	1.00
1.	130.	41.	1.00
1.	130.	40.	1.00
1.	130.	39.	1.00
1.	130.	38.	1.00
1.	130.	37.	1.00
1.	130.	36.	1.00
1.	129.	36.	1.00
1.	129.	35.	1.00
1.	129.	34.	1.00
1.	129.	33.	1.00
1.	128.	33.	1.00
1.	128.	32.	1.00
1.	128.	31.	1.00
1.	128.	30.	1.00
1.	128.	29.	1.00
1.	127.	29.	1.00
1.	127.	28.	1.00
1.	127.	27.	1.00
1.	127.	26.	1.00
1.	126.	26.	1.00
1.	126.	25.	1.00
1.	126.	24.	1.00
1.	126.	23.	1.00
1.	126.	22.	1.00
1.	125.	22.	1.00
1.	125.	21.	1.00
1.	125.	20.	1.00
1.	124.	20.	1.00



1.	124.	19.	1.00
1.	123.	19.	1.00
1.	122.	19.	1.00
1.	122.	18.	1.00
1.	121.	18.	1.00
1.	120.	18.	1.00
1.	120.	17.	1.00
1.	119.	17.	1.00
1.	118.	17.	1.00
1.	118.	16.	1.00
1.	117.	16.	1.00
1.	116.	16.	1.00
1.	116.	15.	1.00
1.	115.	15.	1.00
1.	114.	15.	1.00
1.	114.	14.	1.00
1.	113.	14.	1.00
1.	113.	13.	1.00
1.	112.	13.	1.00
1.	111.	13.	1.00
1.	111.	12.	1.00
1.	110.	12.	1.00
1.	109.	12.	1.00
1.	109.	11.	1.00
1.	108.	11.	0.67

GROUP NUMBER: 22    BOUNDARY TYPE: CHD    NUMBER OF CELLS IN GROUP:  
89  
NUMBER OF FLOW OBSERVATIONS: 1

OBSERVATION		REFER.	TIME	OBSERVED		
STATISTIC	PLOT	STRESS		BOUNDARY FLOW		
OBS#	NAME	PERIOD	OFFSET	LOSS (+)	STATISTIC	TYPE
SYM.	28 no_chdf11	1	0.000	1.000	0.1000E+20	STD.
DEV.	1					

LAYER	ROW	COLUMN	FACTOR
2.	6.	31.	0.43
2.	6.	32.	1.00
2.	6.	33.	1.00
2.	7.	33.	1.00
2.	7.	34.	1.00
2.	7.	35.	1.00
2.	7.	36.	1.00
2.	7.	37.	1.00
2.	7.	38.	1.00
2.	7.	39.	1.00
2.	7.	40.	1.00
2.	7.	41.	1.00
2.	7.	42.	1.00
2.	7.	43.	1.00
2.	7.	44.	1.00
2.	7.	45.	1.00
2.	7.	46.	1.00
2.	7.	47.	1.00
2.	7.	48.	1.00
2.	7.	49.	1.00



2.	7.	50.	1.00
2.	8.	50.	1.00
2.	8.	51.	1.00
2.	8.	52.	1.00
2.	8.	53.	1.00
2.	8.	54.	1.00
2.	8.	55.	1.00
2.	8.	56.	1.00
2.	8.	57.	1.00
2.	8.	58.	1.00
2.	8.	59.	1.00
2.	8.	60.	1.00
2.	8.	61.	1.00
2.	8.	62.	1.00
2.	8.	63.	1.00
2.	8.	64.	1.00
2.	9.	64.	1.00
2.	9.	65.	1.00
2.	9.	66.	1.00
2.	9.	67.	1.00
2.	9.	68.	1.00
2.	9.	69.	1.00
2.	9.	70.	1.00
2.	9.	71.	1.00
2.	9.	72.	1.00
2.	9.	73.	1.00
2.	10.	73.	1.00
2.	11.	73.	1.00
2.	11.	74.	1.00
2.	12.	74.	1.00
2.	12.	75.	1.00
2.	13.	75.	1.00
2.	13.	76.	1.00
2.	14.	76.	1.00
2.	14.	77.	1.00
2.	15.	77.	1.00
2.	15.	78.	1.00
2.	16.	78.	1.00
2.	16.	79.	1.00
2.	17.	79.	1.00
2.	18.	79.	1.00
2.	18.	80.	1.00
2.	19.	80.	1.00
2.	19.	81.	1.00
2.	20.	81.	1.00
2.	20.	82.	1.00
2.	21.	82.	1.00
2.	21.	83.	1.00
2.	22.	83.	1.00
2.	22.	84.	1.00
2.	23.	84.	1.00
2.	23.	85.	1.00
2.	24.	85.	1.00
2.	25.	85.	1.00
2.	25.	86.	1.00
2.	26.	86.	1.00
2.	26.	87.	1.00
2.	27.	87.	1.00
2.	27.	88.	1.00
2.	28.	88.	1.00



2.	28.	89.	1.00
2.	29.	89.	1.00
2.	29.	90.	1.00
2.	30.	90.	1.00
2.	30.	91.	1.00
2.	31.	91.	1.00
2.	32.	91.	1.00
2.	32.	92.	1.00
2.	33.	92.	0.25

GROUP NUMBER: 23    BOUNDARY TYPE: CHD    NUMBER OF CELLS IN GROUP:  
8  
NUMBER OF FLOW OBSERVATIONS: 1

STATISTIC	OBSERVATION PLOT	REFER. STRESS	TIME	OBSERVED BOUNDARY FLOW GAIN (-) OR LOSS (+)	STATISTIC	TYPE
SYM.	OBS# NAME	PERIOD	OFFSET			
DEV.	29 no_chdf12	1	0.000	1.000	0.1000E+20	STD.
	1					

LAYER	ROW	COLUMN	FACTOR
2.	33.	92.	0.75
2.	34.	92.	1.00
2.	34.	93.	1.00
2.	35.	93.	1.00
2.	36.	93.	1.00
2.	37.	93.	1.00
2.	38.	93.	1.00
2.	39.	93.	0.34

GROUP NUMBER: 24    BOUNDARY TYPE: CHD    NUMBER OF CELLS IN GROUP:  
129  
NUMBER OF FLOW OBSERVATIONS: 1

STATISTIC	OBSERVATION PLOT	REFER. STRESS	TIME	OBSERVED BOUNDARY FLOW GAIN (-) OR LOSS (+)	STATISTIC	TYPE
SYM.	OBS# NAME	PERIOD	OFFSET			
DEV.	30 no_chdf13	1	0.000	1.000	0.1000E+20	STD.
	1					

LAYER	ROW	COLUMN	FACTOR
2.	103.	9.	0.92
2.	102.	9.	1.00
2.	102.	8.	1.00
2.	101.	8.	1.00
2.	100.	8.	1.00
2.	99.	8.	1.00
2.	98.	8.	1.00
2.	97.	8.	1.00
2.	96.	8.	1.00
2.	95.	8.	1.00
2.	95.	7.	1.00
2.	94.	7.	1.00
2.	93.	7.	1.00



2.	92.	7.	1.00
2.	91.	7.	1.00
2.	90.	7.	1.00
2.	89.	7.	1.00
2.	89.	6.	1.00
2.	88.	6.	1.00
2.	87.	6.	1.00
2.	86.	6.	1.00
2.	85.	6.	1.00
2.	84.	6.	1.00
2.	83.	6.	1.00
2.	82.	6.	1.00
2.	82.	5.	1.00
2.	81.	5.	1.00
2.	80.	5.	1.00
2.	79.	5.	1.00
2.	78.	5.	1.00
2.	77.	5.	1.00
2.	76.	5.	1.00
2.	75.	5.	1.00
2.	74.	5.	1.00
2.	73.	5.	1.00
2.	72.	5.	1.00
2.	71.	5.	1.00
2.	70.	5.	1.00
2.	69.	5.	1.00
2.	68.	5.	1.00
2.	67.	5.	1.00
2.	67.	4.	1.00
2.	66.	5.	1.00
2.	65.	5.	1.00
2.	64.	5.	1.00
2.	63.	5.	1.00
2.	62.	5.	1.00
2.	61.	5.	1.00
2.	60.	5.	1.00
2.	59.	5.	1.00
2.	58.	5.	1.00
2.	57.	5.	1.00
2.	56.	5.	1.00
2.	55.	5.	1.00
2.	54.	5.	1.00
2.	53.	5.	1.00
2.	52.	5.	1.00
2.	51.	5.	1.00
2.	51.	6.	1.00
2.	50.	6.	1.00
2.	49.	6.	1.00
2.	48.	6.	1.00
2.	47.	6.	1.00
2.	46.	6.	1.00
2.	45.	6.	1.00
2.	44.	6.	1.00
2.	43.	6.	1.00
2.	42.	6.	1.00
2.	41.	6.	1.00
2.	40.	6.	1.00
2.	39.	6.	1.00
2.	38.	6.	1.00
2.	37.	6.	1.00



2.	36.	6.	1.00
2.	36.	7.	1.00
2.	35.	7.	1.00
2.	34.	7.	1.00
2.	33.	7.	1.00
2.	32.	7.	1.00
2.	32.	8.	1.00
2.	31.	8.	1.00
2.	30.	8.	1.00
2.	30.	9.	1.00
2.	29.	9.	1.00
2.	28.	9.	1.00
2.	28.	10.	1.00
2.	27.	10.	1.00
2.	26.	10.	1.00
2.	26.	11.	1.00
2.	25.	11.	1.00
2.	24.	11.	1.00
2.	24.	12.	1.00
2.	23.	12.	1.00
2.	22.	12.	1.00
2.	22.	13.	1.00
2.	21.	13.	1.00
2.	20.	13.	1.00
2.	20.	14.	1.00
2.	19.	14.	1.00
2.	18.	14.	1.00
2.	18.	15.	1.00
2.	17.	15.	1.00
2.	16.	15.	1.00
2.	16.	16.	1.00
2.	15.	16.	1.00
2.	15.	17.	1.00
2.	14.	17.	1.00
2.	14.	18.	1.00
2.	13.	18.	1.00
2.	13.	19.	1.00
2.	13.	20.	1.00
2.	12.	20.	1.00
2.	12.	21.	1.00
2.	12.	22.	1.00
2.	11.	22.	1.00
2.	11.	23.	1.00
2.	11.	24.	1.00
2.	10.	24.	1.00
2.	10.	25.	1.00
2.	9.	25.	1.00
2.	9.	26.	1.00
2.	9.	27.	1.00
2.	8.	27.	1.00
2.	8.	28.	1.00
2.	8.	29.	1.00
2.	7.	29.	1.00
2.	7.	30.	1.00
2.	7.	31.	1.00
2.	6.	31.	0.57

GROUP NUMBER: 25    BOUNDARY TYPE: CHD    NUMBER OF CELLS IN GROUP:  
202  
NUMBER OF FLOW OBSERVATIONS: 1



OBSERVATION		REFER.	OBSERVED			
STATISTIC	PLOT	STRESS	TIME	BOUNDARY FLOW		
OBS#	NAME	PERIOD	OFFSET	GAIN (-) OR	LOSS (+)	STATISTIC
SYM.						TYPE
31	no_chdf14	1	0.000	1.000	0.1000E+20	STD.
DEV.	1					

LAYER	ROW	COLUMN	FACTOR
2.	39.	93.	0.66
2.	40.	93.	1.00
2.	41.	93.	1.00
2.	42.	93.	1.00
2.	43.	93.	1.00
2.	44.	93.	1.00
2.	45.	93.	1.00
2.	46.	93.	1.00
2.	47.	93.	1.00
2.	47.	94.	1.00
2.	48.	94.	1.00
2.	49.	94.	1.00
2.	50.	94.	1.00
2.	51.	94.	1.00
2.	52.	94.	1.00
2.	53.	94.	1.00
2.	54.	94.	1.00
2.	55.	94.	1.00
2.	56.	94.	1.00
2.	57.	94.	1.00
2.	58.	94.	1.00
2.	59.	94.	1.00
2.	60.	94.	1.00
2.	61.	94.	1.00
2.	62.	94.	1.00
2.	63.	94.	1.00
2.	64.	94.	1.00
2.	65.	94.	1.00
2.	66.	94.	1.00
2.	67.	94.	1.00
2.	68.	94.	1.00
2.	69.	94.	1.00
2.	70.	94.	1.00
2.	71.	94.	1.00
2.	72.	94.	1.00
2.	73.	94.	1.00
2.	74.	94.	1.00
2.	75.	94.	1.00
2.	76.	94.	1.00
2.	77.	94.	1.00
2.	78.	94.	1.00
2.	79.	94.	1.00
2.	80.	94.	1.00
2.	81.	94.	1.00
2.	82.	94.	1.00
2.	83.	94.	1.00
2.	83.	93.	1.00
2.	84.	93.	1.00
2.	85.	93.	1.00



2.	86.	93.	1.00
2.	87.	93.	1.00
2.	88.	93.	1.00
2.	89.	93.	1.00
2.	90.	93.	1.00
2.	91.	93.	1.00
2.	92.	93.	1.00
2.	93.	93.	1.00
2.	94.	93.	1.00
2.	95.	93.	1.00
2.	96.	93.	1.00
2.	97.	93.	1.00
2.	97.	92.	1.00
2.	98.	92.	1.00
2.	99.	92.	1.00
2.	100.	92.	1.00
2.	101.	92.	1.00
2.	102.	92.	1.00
2.	103.	92.	1.00
2.	103.	91.	1.00
2.	104.	91.	1.00
2.	105.	91.	1.00
2.	105.	90.	1.00
2.	106.	90.	1.00
2.	107.	90.	1.00
2.	107.	89.	1.00
2.	108.	89.	1.00
2.	109.	89.	1.00
2.	109.	88.	1.00
2.	110.	88.	1.00
2.	111.	88.	1.00
2.	111.	87.	1.00
2.	112.	87.	1.00
2.	113.	87.	1.00
2.	113.	86.	1.00
2.	114.	86.	1.00
2.	115.	86.	1.00
2.	115.	85.	1.00
2.	116.	85.	1.00
2.	117.	85.	1.00
2.	117.	84.	1.00
2.	118.	84.	1.00
2.	119.	84.	1.00
2.	119.	83.	1.00
2.	120.	83.	1.00
2.	120.	82.	1.00
2.	121.	82.	1.00
2.	122.	82.	1.00
2.	122.	81.	1.00
2.	123.	81.	1.00
2.	124.	81.	1.00
2.	124.	80.	1.00
2.	125.	80.	1.00
2.	125.	79.	1.00
2.	126.	79.	1.00
2.	126.	78.	1.00
2.	126.	77.	1.00
2.	126.	76.	1.00
2.	126.	75.	1.00
2.	127.	75.	1.00



2.	127.	74.	1.00
2.	127.	73.	1.00
2.	127.	72.	1.00
2.	127.	71.	1.00
2.	128.	71.	1.00
2.	128.	70.	1.00
2.	128.	69.	1.00
2.	128.	68.	1.00
2.	128.	67.	1.00
2.	129.	67.	1.00
2.	129.	66.	1.00
2.	129.	65.	1.00
2.	129.	64.	1.00
2.	129.	63.	1.00
2.	130.	63.	1.00
2.	130.	62.	1.00
2.	130.	61.	1.00
2.	130.	60.	1.00
2.	130.	59.	1.00
2.	131.	59.	1.00
2.	131.	58.	1.00
2.	131.	57.	1.00
2.	131.	56.	1.00
2.	131.	55.	1.00
2.	131.	54.	1.00
2.	131.	53.	1.00
2.	132.	53.	1.00
2.	132.	52.	1.00
2.	132.	51.	1.00
2.	132.	50.	1.00
2.	132.	49.	1.00
2.	131.	49.	1.00
2.	131.	48.	1.00
2.	131.	47.	1.00
2.	131.	46.	1.00
2.	131.	45.	1.00
2.	131.	44.	1.00
2.	131.	43.	1.00
2.	131.	42.	1.00
2.	131.	41.	1.00
2.	130.	41.	1.00
2.	130.	40.	1.00
2.	130.	39.	1.00
2.	130.	38.	1.00
2.	130.	37.	1.00
2.	130.	36.	1.00
2.	129.	36.	1.00
2.	129.	35.	1.00
2.	129.	34.	1.00
2.	129.	33.	1.00
2.	128.	33.	1.00
2.	128.	32.	1.00
2.	128.	31.	1.00
2.	128.	30.	1.00
2.	128.	29.	1.00
2.	127.	29.	1.00
2.	127.	28.	1.00
2.	127.	27.	1.00
2.	127.	26.	1.00
2.	126.	26.	1.00



2.	126.	25.	1.00
2.	126.	24.	1.00
2.	126.	23.	1.00
2.	126.	22.	1.00
2.	125.	22.	1.00
2.	125.	21.	1.00
2.	125.	20.	1.00
2.	124.	20.	1.00
2.	124.	19.	1.00
2.	123.	19.	1.00
2.	122.	19.	1.00
2.	122.	18.	1.00
2.	121.	18.	1.00
2.	120.	18.	1.00
2.	120.	17.	1.00
2.	119.	17.	1.00
2.	118.	17.	1.00
2.	118.	16.	1.00
2.	117.	16.	1.00
2.	116.	16.	1.00
2.	116.	15.	1.00
2.	115.	15.	1.00
2.	114.	15.	1.00
2.	114.	14.	1.00
2.	113.	14.	1.00
2.	113.	13.	1.00
2.	112.	13.	1.00
2.	111.	13.	1.00
2.	111.	12.	1.00
2.	110.	12.	1.00
2.	109.	12.	1.00
2.	109.	11.	1.00
2.	108.	11.	0.67

GROUP NUMBER: 26    BOUNDARY TYPE: CHD    NUMBER OF CELLS IN GROUP:  
8  
NUMBER OF FLOW OBSERVATIONS: 1

OBSERVATION		REFER.	TIME	OBSERVED		
STATISTIC	PLOT	STRESS		BOUNDARY FLOW		
OBS#	NAME	PERIOD	OFFSET	GAIN (-) OR	LOSS (+)	STATISTIC    TYPE
SYM.						
32	no_chdf15	1	0.000	1.000	0.1000E+20	STD.
DEV.	1					

LAYER	ROW	COLUMN	FACTOR
2.	108.	11.	0.33
2.	107.	11.	1.00
2.	107.	10.	1.00
2.	106.	10.	1.00
2.	105.	10.	1.00
2.	105.	9.	1.00
2.	104.	9.	1.00
2.	103.	9.	0.08

GROUP NUMBER: 27    BOUNDARY TYPE: CHD    NUMBER OF CELLS IN GROUP:  
89  
NUMBER OF FLOW OBSERVATIONS: 1



OBSERVATION		REFER.	OBSERVED			
STATISTIC	PLOT	STRESS	TIME	BOUNDARY FLOW		
OBS#	NAME	PERIOD	OFFSET	GAIN (-) OR	LOSS (+)	STATISTIC
SYM.						TYPE
33	no_chdf16	1	0.000	1.000	0.1000E+20	STD.
DEV.	1					

LAYER	ROW	COLUMN	FACTOR
4.	6.	31.	0.43
4.	6.	32.	1.00
4.	6.	33.	1.00
4.	7.	33.	1.00
4.	7.	34.	1.00
4.	7.	35.	1.00
4.	7.	36.	1.00
4.	7.	37.	1.00
4.	7.	38.	1.00
4.	7.	39.	1.00
4.	7.	40.	1.00
4.	7.	41.	1.00
4.	7.	42.	1.00
4.	7.	43.	1.00
4.	7.	44.	1.00
4.	7.	45.	1.00
4.	7.	46.	1.00
4.	7.	47.	1.00
4.	7.	48.	1.00
4.	7.	49.	1.00
4.	7.	50.	1.00
4.	8.	50.	1.00
4.	8.	51.	1.00
4.	8.	52.	1.00
4.	8.	53.	1.00
4.	8.	54.	1.00
4.	8.	55.	1.00
4.	8.	56.	1.00
4.	8.	57.	1.00
4.	8.	58.	1.00
4.	8.	59.	1.00
4.	8.	60.	1.00
4.	8.	61.	1.00
4.	8.	62.	1.00
4.	8.	63.	1.00
4.	8.	64.	1.00
4.	9.	64.	1.00
4.	9.	65.	1.00
4.	9.	66.	1.00
4.	9.	67.	1.00
4.	9.	68.	1.00
4.	9.	69.	1.00
4.	9.	70.	1.00
4.	9.	71.	1.00
4.	9.	72.	1.00
4.	9.	73.	1.00
4.	10.	73.	1.00
4.	11.	73.	1.00
4.	11.	74.	1.00



4.	12.	74.	1.00
4.	12.	75.	1.00
4.	13.	75.	1.00
4.	13.	76.	1.00
4.	14.	76.	1.00
4.	14.	77.	1.00
4.	15.	77.	1.00
4.	15.	78.	1.00
4.	16.	78.	1.00
4.	16.	79.	1.00
4.	17.	79.	1.00
4.	18.	79.	1.00
4.	18.	80.	1.00
4.	19.	80.	1.00
4.	19.	81.	1.00
4.	20.	81.	1.00
4.	20.	82.	1.00
4.	21.	82.	1.00
4.	21.	83.	1.00
4.	22.	83.	1.00
4.	22.	84.	1.00
4.	23.	84.	1.00
4.	23.	85.	1.00
4.	24.	85.	1.00
4.	25.	85.	1.00
4.	25.	86.	1.00
4.	26.	86.	1.00
4.	26.	87.	1.00
4.	27.	87.	1.00
4.	27.	88.	1.00
4.	28.	88.	1.00
4.	28.	89.	1.00
4.	29.	89.	1.00
4.	29.	90.	1.00
4.	30.	90.	1.00
4.	30.	91.	1.00
4.	31.	91.	1.00
4.	32.	91.	1.00
4.	32.	92.	1.00
4.	33.	92.	0.25

GROUP NUMBER: 28    BOUNDARY TYPE: CHD    NUMBER OF CELLS IN GROUP:  
8  
NUMBER OF FLOW OBSERVATIONS: 1

STATISTIC	OBSERVATION PLOT	REFER. STRESS	TIME	OBSERVED BOUNDARY FLOW GAIN (-) OR LOSS (+)	STATISTIC	TYPE
SYM.	34 no_chdf17	1	0.000	1.000	0.1000E+20	STD.
DEV.	1					

LAYER	ROW	COLUMN	FACTOR
4.	33.	92.	0.75
4.	34.	92.	1.00
4.	34.	93.	1.00
4.	35.	93.	1.00
4.	36.	93.	1.00



4.	37.	93.	1.00
4.	38.	93.	1.00
4.	39.	93.	0.34

GROUP NUMBER: 29    BOUNDARY TYPE: CHD    NUMBER OF CELLS IN GROUP:  
129

NUMBER OF FLOW OBSERVATIONS: 1

OBSERVATION		REFER.	TIME	OBSERVED		
STATISTIC	PLOT	STRESS		BOUNDARY FLOW		
OBS#	NAME	PERIOD	OFFSET	GAIN (-) OR	LOSS (+)	STATISTIC TYPE
35	no_chdf18	1	0.000	1.000	0.1000E+20	STD.
DEV.	1					

LAYER	ROW	COLUMN	FACTOR
4.	103.	9.	0.92
4.	102.	9.	1.00
4.	102.	8.	1.00
4.	101.	8.	1.00
4.	100.	8.	1.00
4.	99.	8.	1.00
4.	98.	8.	1.00
4.	97.	8.	1.00
4.	96.	8.	1.00
4.	95.	8.	1.00
4.	95.	7.	1.00
4.	94.	7.	1.00
4.	93.	7.	1.00
4.	92.	7.	1.00
4.	91.	7.	1.00
4.	90.	7.	1.00
4.	89.	7.	1.00
4.	89.	6.	1.00
4.	88.	6.	1.00
4.	87.	6.	1.00
4.	86.	6.	1.00
4.	85.	6.	1.00
4.	84.	6.	1.00
4.	83.	6.	1.00
4.	82.	6.	1.00
4.	82.	5.	1.00
4.	81.	5.	1.00
4.	80.	5.	1.00
4.	79.	5.	1.00
4.	78.	5.	1.00
4.	77.	5.	1.00
4.	76.	5.	1.00
4.	75.	5.	1.00
4.	74.	5.	1.00
4.	73.	5.	1.00
4.	72.	5.	1.00
4.	71.	5.	1.00
4.	70.	5.	1.00
4.	69.	5.	1.00
4.	68.	5.	1.00
4.	67.	5.	1.00
4.	67.	4.	1.00



4.	66.	5.	1.00
4.	65.	5.	1.00
4.	64.	5.	1.00
4.	63.	5.	1.00
4.	62.	5.	1.00
4.	61.	5.	1.00
4.	60.	5.	1.00
4.	59.	5.	1.00
4.	58.	5.	1.00
4.	57.	5.	1.00
4.	56.	5.	1.00
4.	55.	5.	1.00
4.	54.	5.	1.00
4.	53.	5.	1.00
4.	52.	5.	1.00
4.	51.	5.	1.00
4.	51.	6.	1.00
4.	50.	6.	1.00
4.	49.	6.	1.00
4.	48.	6.	1.00
4.	47.	6.	1.00
4.	46.	6.	1.00
4.	45.	6.	1.00
4.	44.	6.	1.00
4.	43.	6.	1.00
4.	42.	6.	1.00
4.	41.	6.	1.00
4.	40.	6.	1.00
4.	39.	6.	1.00
4.	38.	6.	1.00
4.	37.	6.	1.00
4.	36.	6.	1.00
4.	36.	7.	1.00
4.	35.	7.	1.00
4.	34.	7.	1.00
4.	33.	7.	1.00
4.	32.	7.	1.00
4.	32.	8.	1.00
4.	31.	8.	1.00
4.	30.	8.	1.00
4.	30.	9.	1.00
4.	29.	9.	1.00
4.	28.	9.	1.00
4.	28.	10.	1.00
4.	27.	10.	1.00
4.	26.	10.	1.00
4.	26.	11.	1.00
4.	25.	11.	1.00
4.	24.	11.	1.00
4.	24.	12.	1.00
4.	23.	12.	1.00
4.	22.	12.	1.00
4.	22.	13.	1.00
4.	21.	13.	1.00
4.	20.	13.	1.00
4.	20.	14.	1.00
4.	19.	14.	1.00
4.	18.	14.	1.00
4.	18.	15.	1.00
4.	17.	15.	1.00



4.	16.	15.	1.00
4.	16.	16.	1.00
4.	15.	16.	1.00
4.	15.	17.	1.00
4.	14.	17.	1.00
4.	14.	18.	1.00
4.	13.	18.	1.00
4.	13.	19.	1.00
4.	13.	20.	1.00
4.	12.	20.	1.00
4.	12.	21.	1.00
4.	12.	22.	1.00
4.	11.	22.	1.00
4.	11.	23.	1.00
4.	11.	24.	1.00
4.	10.	24.	1.00
4.	10.	25.	1.00
4.	9.	25.	1.00
4.	9.	26.	1.00
4.	9.	27.	1.00
4.	8.	27.	1.00
4.	8.	28.	1.00
4.	8.	29.	1.00
4.	7.	29.	1.00
4.	7.	30.	1.00
4.	7.	31.	1.00
4.	6.	31.	0.57

GROUP NUMBER: 30    BOUNDARY TYPE: CHD    NUMBER OF CELLS IN GROUP:  
202  
NUMBER OF FLOW OBSERVATIONS: 1

STATISTIC	OBSERVATION PLOT	REFER. STRESS	TIME	OBSERVED BOUNDARY FLOW GAIN (-) OR LOSS (+)	STATISTIC	TYPE
SYM.	OBS# NAME	PERIOD	OFFSET			
DEV.	36 no_chdf19	1	0.000	1.000	0.1000E+20	STD.
	1					

LAYER	ROW	COLUMN	FACTOR
4.	39.	93.	0.66
4.	40.	93.	1.00
4.	41.	93.	1.00
4.	42.	93.	1.00
4.	43.	93.	1.00
4.	44.	93.	1.00
4.	45.	93.	1.00
4.	46.	93.	1.00
4.	47.	93.	1.00
4.	47.	94.	1.00
4.	48.	94.	1.00
4.	49.	94.	1.00
4.	50.	94.	1.00
4.	51.	94.	1.00
4.	52.	94.	1.00
4.	53.	94.	1.00
4.	54.	94.	1.00
4.	55.	94.	1.00



4.	56.	94.	1.00
4.	57.	94.	1.00
4.	58.	94.	1.00
4.	59.	94.	1.00
4.	60.	94.	1.00
4.	61.	94.	1.00
4.	62.	94.	1.00
4.	63.	94.	1.00
4.	64.	94.	1.00
4.	65.	94.	1.00
4.	66.	94.	1.00
4.	67.	94.	1.00
4.	68.	94.	1.00
4.	69.	94.	1.00
4.	70.	94.	1.00
4.	71.	94.	1.00
4.	72.	94.	1.00
4.	73.	94.	1.00
4.	74.	94.	1.00
4.	75.	94.	1.00
4.	76.	94.	1.00
4.	77.	94.	1.00
4.	78.	94.	1.00
4.	79.	94.	1.00
4.	80.	94.	1.00
4.	81.	94.	1.00
4.	82.	94.	1.00
4.	83.	94.	1.00
4.	83.	93.	1.00
4.	84.	93.	1.00
4.	85.	93.	1.00
4.	86.	93.	1.00
4.	87.	93.	1.00
4.	88.	93.	1.00
4.	89.	93.	1.00
4.	90.	93.	1.00
4.	91.	93.	1.00
4.	92.	93.	1.00
4.	93.	93.	1.00
4.	94.	93.	1.00
4.	95.	93.	1.00
4.	96.	93.	1.00
4.	97.	93.	1.00
4.	97.	92.	1.00
4.	98.	92.	1.00
4.	99.	92.	1.00
4.	100.	92.	1.00
4.	101.	92.	1.00
4.	102.	92.	1.00
4.	103.	92.	1.00
4.	103.	91.	1.00
4.	104.	91.	1.00
4.	105.	91.	1.00
4.	105.	90.	1.00
4.	106.	90.	1.00
4.	107.	90.	1.00
4.	107.	89.	1.00
4.	108.	89.	1.00
4.	109.	89.	1.00
4.	109.	88.	1.00



4.	110.	88.	1.00
4.	111.	88.	1.00
4.	111.	87.	1.00
4.	112.	87.	1.00
4.	113.	87.	1.00
4.	113.	86.	1.00
4.	114.	86.	1.00
4.	115.	86.	1.00
4.	115.	85.	1.00
4.	116.	85.	1.00
4.	117.	85.	1.00
4.	117.	84.	1.00
4.	118.	84.	1.00
4.	119.	84.	1.00
4.	119.	83.	1.00
4.	120.	83.	1.00
4.	120.	82.	1.00
4.	121.	82.	1.00
4.	122.	82.	1.00
4.	122.	81.	1.00
4.	123.	81.	1.00
4.	124.	81.	1.00
4.	124.	80.	1.00
4.	125.	80.	1.00
4.	125.	79.	1.00
4.	126.	79.	1.00
4.	126.	78.	1.00
4.	126.	77.	1.00
4.	126.	76.	1.00
4.	126.	75.	1.00
4.	127.	75.	1.00
4.	127.	74.	1.00
4.	127.	73.	1.00
4.	127.	72.	1.00
4.	127.	71.	1.00
4.	128.	71.	1.00
4.	128.	70.	1.00
4.	128.	69.	1.00
4.	128.	68.	1.00
4.	128.	67.	1.00
4.	129.	67.	1.00
4.	129.	66.	1.00
4.	129.	65.	1.00
4.	129.	64.	1.00
4.	129.	63.	1.00
4.	130.	63.	1.00
4.	130.	62.	1.00
4.	130.	61.	1.00
4.	130.	60.	1.00
4.	130.	59.	1.00
4.	131.	59.	1.00
4.	131.	58.	1.00
4.	131.	57.	1.00
4.	131.	56.	1.00
4.	131.	55.	1.00
4.	131.	54.	1.00
4.	131.	53.	1.00
4.	132.	53.	1.00
4.	132.	52.	1.00
4.	132.	51.	1.00



4.	132.	50.	1.00
4.	132.	49.	1.00
4.	131.	49.	1.00
4.	131.	48.	1.00
4.	131.	47.	1.00
4.	131.	46.	1.00
4.	131.	45.	1.00
4.	131.	44.	1.00
4.	131.	43.	1.00
4.	131.	42.	1.00
4.	131.	41.	1.00
4.	130.	41.	1.00
4.	130.	40.	1.00
4.	130.	39.	1.00
4.	130.	38.	1.00
4.	130.	37.	1.00
4.	130.	36.	1.00
4.	129.	36.	1.00
4.	129.	35.	1.00
4.	129.	34.	1.00
4.	129.	33.	1.00
4.	128.	33.	1.00
4.	128.	32.	1.00
4.	128.	31.	1.00
4.	128.	30.	1.00
4.	128.	29.	1.00
4.	127.	29.	1.00
4.	127.	28.	1.00
4.	127.	27.	1.00
4.	127.	26.	1.00
4.	126.	26.	1.00
4.	126.	25.	1.00
4.	126.	24.	1.00
4.	126.	23.	1.00
4.	126.	22.	1.00
4.	125.	22.	1.00
4.	125.	21.	1.00
4.	125.	20.	1.00
4.	124.	20.	1.00
4.	124.	19.	1.00
4.	123.	19.	1.00
4.	122.	19.	1.00
4.	122.	18.	1.00
4.	121.	18.	1.00
4.	120.	18.	1.00
4.	120.	17.	1.00
4.	119.	17.	1.00
4.	118.	17.	1.00
4.	118.	16.	1.00
4.	117.	16.	1.00
4.	116.	16.	1.00
4.	116.	15.	1.00
4.	115.	15.	1.00
4.	114.	15.	1.00
4.	114.	14.	1.00
4.	113.	14.	1.00
4.	113.	13.	1.00
4.	112.	13.	1.00
4.	111.	13.	1.00
4.	111.	12.	1.00



4.	110.	12.	1.00
4.	109.	12.	1.00
4.	109.	11.	1.00
4.	108.	11.	0.67

GROUP NUMBER: 31    BOUNDARY TYPE: CHD    NUMBER OF CELLS IN GROUP:  
8

NUMBER OF FLOW OBSERVATIONS: 1

OBSERVATION		REFER.	TIME	OBSERVED		
STATISTIC	PLOT	STRESS		BOUNDARY FLOW		
OBS#	NAME	PERIOD	OFFSET	GAIN (-) OR	LOSS (+)	STATISTIC TYPE
37	no_chdf20	1	0.000	1.000	0.1000E+20	STD.
DEV.	1					

LAYER	ROW	COLUMN	FACTOR
4.	108.	11.	0.33
4.	107.	11.	1.00
4.	107.	10.	1.00
4.	106.	10.	1.00
4.	105.	10.	1.00
4.	105.	9.	1.00
4.	104.	9.	1.00
4.	103.	9.	0.08

# SOLUTION BY THE CONJUGATE-GRADIENT

## METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 100
MAXIMUM ITERATIONS PER CALL TO PCG = 100
MATRIX PRECONDITIONING TYPE = 1
RELAXATION FACTOR (ONLY USED WITH PRECOND. TYPE 1) =
0.10000E+01
PARAMETER OF POLYNOMIAL PRECOND. = 2 (2) OR IS CALCULATED : 0
HEAD CHANGE CRITERION FOR CLOSURE =
0.10000E-01
RESIDUAL CHANGE CRITERION FOR CLOSURE =
0.10000E-01
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 999
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 2
DAMPING PARAMETER =
0.10000E+01

```

WETTING CAPABILITY IS NOT ACTIVE IN ANY LAYER

0 Well parameters

0 GHB parameters

0 TIME-VARIANT SPECIFIED-HEAD PARAMETERS



3 PARAMETERS HAVE BEEN DEFINED IN ALL PACKAGES.  
(SPACE IS ALLOCATED FOR 999 PARAMETERS.)

## SMALLEST AND LARGEST WEIGHTED RESIDUALS

SMALLEST WEIGHTED RESIDUALS			LARGEST WEIGHTED		
RESIDUALS	WEIGHTED	PERCENT OF		WEIGHTED	
PERCENT OF					
NAME	RESIDUAL	OBJ FUNC	NAME	RESIDUAL	OBJ
hed1	-16.9	36.29	hed5	15.8	
32.07					
hed6	-2.39	0.73	hed3	14.6	
27.27					
hed2	-1.10	0.15	hed4	5.22	
3.48					
no_ghbf7	-0.198E-15	0.00	no_chdf3	0.853E-17	
0.00					
no_ghbf5	-0.129E-15	0.00	no_chdf2	0.804E-17	
0.00					

STATISTICS FOR ALL RESIDUALS :  
 AVERAGE WEIGHTED RESIDUAL : 0.415E+00  
 # RESIDUALS >= 0. : 29  
 # RESIDUALS < 0. : 8  
 NUMBER OF RUNS : 6 IN 37 OBSERVATIONS

INTERPRETING THE CALCULATED RUNS STATISTIC VALUE OF -3.51  
 NOTE: THE FOLLOWING APPLIES ONLY IF

# RESIDUALS >= 0 . IS GREATER THAN 10 AND  
 # RESIDUALS < 0. IS GREATER THAN 10

THE NEGATIVE VALUE MAY INDICATE TOO FEW RUNS:

IF THE VALUE IS LESS THAN -1.28, THERE IS LESS THAN A 10 PERCENT  
 CHANCE THE VALUES ARE RANDOM,

IF THE VALUE IS LESS THAN -1.645, THERE IS LESS THAN A 5 PERCENT  
 CHANCE THE VALUES ARE RANDOM,

IF THE VALUE IS LESS THAN -1.96, THERE IS LESS THAN A 2.5 PERCENT  
 CHANCE THE VALUES ARE RANDOM.

CORRELATION BETWEEN ORDERED WEIGHTED RESIDUALS AND NORMAL ORDER  
 STATISTICS

FOR OBSERVATIONS = 0.447

-----  
 --  
 COMMENTS ON THE INTERPRETATION OF THE CORRELATION BETWEEN  
 WEIGHTED RESIDUALS AND NORMAL ORDER STATISTICS:

The critical value for correlation at the 5% significance level is  
 0.944

IF the reported CORRELATION is GREATER than the 5% critical value,  
 ACCEPT

the hypothesis that the weighted residuals are INDEPENDENT AND NORMALLY  
 DISTRIBUTED at the 5% significance level. The probability that this  
 conclusion is wrong is less than 5%.



IF the reported correlation IS LESS THAN the 5% critical value REJECT  
the  
hypothesis that the weighted residuals are INDEPENDENT AND NORMALLY  
DISTRIBUTED at the 5% significance level.

The analysis can also be done using the 10% significance level.  
The associated critical value is 0.953

-----  
--



```

# CoverageGUID ObjectType ID X Y Time OBNAME
#GMSCOMMENT 6494998d-fca4-4b90-b668-5e5133ad91e9 POINT 17080, 221321.0,
326721.0 ts_0 hed1
#GMSCOMMENT 6494998d-fca4-4b90-b668-5e5133ad91e9 POINT 17081, 219772.0,
326783.0 ts_0 hed2
#GMSCOMMENT 6494998d-fca4-4b90-b668-5e5133ad91e9 POINT 17082, 220786.0,
324855.0 ts_0 hed3
#GMSCOMMENT 6494998d-fca4-4b90-b668-5e5133ad91e9 POINT 17083, 220375.0,
323884.0 ts_0 hed4
#GMSCOMMENT 6494998d-fca4-4b90-b668-5e5133ad91e9 POINT 17084, 219766.0,
325296.0 ts_0 hed5
#GMSCOMMENT 6494998d-fca4-4b90-b668-5e5133ad91e9 POINT 17106, 220139.0,
325390.0 ts_0 hed6
6 0 6 775 -777.0
1.0 1.0
hed1 5 51 68 1 0.0 -0.186935549023 0.0596894210567 3689.73 0.51021 1 1
hed2 5 50 39 1 0.0 0.0261493893086 -0.00913898327 3698.05 0.51021 1 1
hed3 5 84 61 1 0.0 0.2506037895473 0.2236208487799 3700.85 0.51021 1 1
hed4 5 97 55 1 0.0 -0.385761831973 -0.062363875188 3702.56 0.51021 1 1
hed5 5 76 39 1 0.0 0.4965166313765 -0.110922411679 3706.41 0.51021 1 1
hed6 5 74 48 1 0.0 -0.301652892562 0.4 3696.72 0.51021 1 1

```



```
# MF2K-MT3DMS LINKER FILE
#
OUTPUT_FILE_NAME "FINALWALL-LOWK-6-11.hff"
OUTPUT_FILE_UNIT
OUTPUT_FILE_HEADER standard
OUTPUT_FILE_FORMAT unformatted
```



```

740 -888.0 0 0
1 1 1 1 1 1
0 0 0 0 0 0
-1.0 -1.0 -1.0 -1.0 -1.0 -1.0
1 1 1 1 1 1
0 0 0 0 0 0
HDF5 1.0 -1 "FINALWALL-LOWK-6-11.h5" "Arrays/HK1" 1 0 13426
HDF5 1.0 -1 "FINALWALL-LOWK-6-11.h5" "Arrays/HANI1" 1 0 13426
HDF5 1.0 -1 "FINALWALL-LOWK-6-11.h5" "Arrays/VANI1" 1 0 13426
HDF5 1.0 -1 "FINALWALL-LOWK-6-11.h5" "Arrays/HK2" 1 0 13426
HDF5 1.0 -1 "FINALWALL-LOWK-6-11.h5" "Arrays/HANI2" 1 0 13426
HDF5 1.0 -1 "FINALWALL-LOWK-6-11.h5" "Arrays/VANI2" 1 0 13426
HDF5 1.0 -1 "FINALWALL-LOWK-6-11.h5" "Arrays/HK3" 1 0 13426
HDF5 1.0 -1 "FINALWALL-LOWK-6-11.h5" "Arrays/HANI3" 1 0 13426
HDF5 1.0 -1 "FINALWALL-LOWK-6-11.h5" "Arrays/VANI3" 1 0 13426
HDF5 1.0 -1 "FINALWALL-LOWK-6-11.h5" "Arrays/HK4" 1 0 13426
HDF5 1.0 -1 "FINALWALL-LOWK-6-11.h5" "Arrays/HANI4" 1 0 13426
HDF5 1.0 -1 "FINALWALL-LOWK-6-11.h5" "Arrays/VANI4" 1 0 13426
HDF5 1.0 -1 "FINALWALL-LOWK-6-11.h5" "Arrays/HK5" 1 0 13426
HDF5 1.0 -1 "FINALWALL-LOWK-6-11.h5" "Arrays/HANI5" 1 0 13426
HDF5 1.0 -1 "FINALWALL-LOWK-6-11.h5" "Arrays/VANI5" 1 0 13426
HDF5 1.0 -1 "FINALWALL-LOWK-6-11.h5" "Arrays/HK6" 1 0 13426
HDF5 1.0 -1 "FINALWALL-LOWK-6-11.h5" "Arrays/HANI6" 1 0 13426
HDF5 1.0 -1 "FINALWALL-LOWK-6-11.h5" "Arrays/VANI6" 1 0 13426

```



```

# MF2K NAME file
#
# Output Files
GLOBAL      701 "FINALWALL-LOWK-6-11.glo"
LIST        702 "FINALWALL-LOWK-6-11.out"
DATA(BINARY) 730 "FINALWALL-LOWK-6-11.hed"
DATA(BINARY) 740 "FINALWALL-LOWK-6-11.ccf"
LMT6        718 "FINALWALL-LOWK-6-11.lmt"
#
# Obs-Sen-Pes Process Input Files
OBS         750 "FINALWALL-LOWK-6-11.obs"
HOB         751 "FINALWALL-LOWK-6-11.hob"
GBOB        753 "FINALWALL-LOWK-6-11.gbob"
CHOB        755 "FINALWALL-LOWK-6-11.chob"
SEN         757 "FINALWALL-LOWK-6-11.snn"
PES         758 "FINALWALL-LOWK-6-11.pes"
ASP         771 "FINALWALL-LOWK-6-11.asp"
#
# Global Input Files
DIS         719 "FINALWALL-LOWK-6-11.dis"
#
# Flow Process Input Files
BAS6        703 "FINALWALL-LOWK-6-11.ba6"
LPF         704 "FINALWALL-LOWK-6-11.lpf"
OC          715 "FINALWALL-LOWK-6-11.oc"
WEL         709 "FINALWALL-LOWK-6-11.wel"
GHB         711 "FINALWALL-LOWK-6-11.ghb"
CHD         713 "FINALWALL-LOWK-6-11.chd"
PCG         714 "FINALWALL-LOWK-6-11.pcg"

```







HEAD SAVE UNIT 730  
COMPACT BUDGET AUX  
PERIOD 1 STEP 1  
PRINT BUDGET  
SAVE HEAD  
SAVE BUDGET



MODFLOW-2000  
 U.S. GEOLOGICAL SURVEY MODULAR FINITE-DIFFERENCE GROUND-WATER FLOW  
 MODEL  
 VERSION 1.19.01 03/25/2010

This model run produced both GLOBAL and LIST files. This is the LIST file.

#FINAL\_BASELINE\_6-11

#23 June 2011

THE FREE FORMAT OPTION HAS BEEN SELECTED

6 LAYERS 137 ROWS 98 COLUMNS

1 STRESS PERIOD(S) IN SIMULATION

BAS6 -- BASIC PACKAGE, VERSION 6, 1/11/2000 INPUT READ FROM UNIT 703  
 30 ELEMENTS IN IR ARRAY ARE USED BY BAS

WEL6 -- WELL PACKAGE, VERSION 6, 1/11/2000 INPUT READ FROM UNIT 709  
 #GMS\_HDF5\_01

No named parameters

MAXIMUM OF 1 ACTIVE WELLS AT ONE TIME

CELL-BY-CELL FLOWS WILL BE SAVED ON UNIT 740

AUXILIARY WELL VARIABLE: IFACE

AUXILIARY WELL VARIABLE: QFACT

AUXILIARY WELL VARIABLE: CELLGRP

7 ELEMENTS IN RX ARRAY ARE USED BY WEL

GHB6 -- GHB PACKAGE, VERSION 6, 1/11/2000 INPUT READ FROM UNIT 711  
 #GMS\_HDF5\_01

No named parameters

MAXIMUM OF 874 ACTIVE GHB CELLS AT ONE TIME

CELL-BY-CELL FLOWS WILL BE SAVED ON UNIT 740

AUXILIARY GHB VARIABLE: IFACE

AUXILIARY GHB VARIABLE: CONDFACT

AUXILIARY GHB VARIABLE: CELLGRP

6992 ELEMENTS IN RX ARRAY ARE USED BY GHB

CHD6 -- TIME-VARIANT SPECIFIED-HEAD PACKAGE, VERSION 6, 1/11/2000  
 INPUT READ FROM UNIT 713

#GMS\_HDF5\_01

No named parameters

MAXIMUM OF 1745 TIME-VARIANT SPECIFIED-HEAD CELLS AT ONE TIME

AUXILIARY CHD VARIABLE: SHEADFACT

AUXILIARY CHD VARIABLE: EHEADFACT

AUXILIARY CHD VARIABLE: CELLGRP

13960 ELEMENTS IN RX ARRAY ARE USED BY CHD

20959 ELEMENTS OF RX ARRAY USED OUT OF 20959

0 ELEMENTS OF RZ ARRAY USED OUT OF 1

30 ELEMENTS OF IR ARRAY USED OUT OF 30

1

#FINAL\_BASELINE\_6-11

#23 June 2011

	1	2	3	4	5
6	7	8	9	10	
	11	12	13	14	15
16	17	18	19	20	



	21	22	23	24	25
26	27	28	29	30	
	31	32	33	34	35
36	37	38	39	40	
	41	42	43	44	45
46	47	48	49	50	
	51	52	53	54	55
56	57	58	59	60	
	61	62	63	64	65
66	67	68	69	70	
	71	72	73	74	75
76	77	78	79	80	
	81	82	83	84	85
86	87	88	89	90	
	91	92	93	94	95
96	97	98			

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[illegible]



[illegible]



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0	21	0	0	0	0	0	0	0	0



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76	77	78	79	80	
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86	87	88	89	90	
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96	97	98			

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[illegible]



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66	67	68	69	70	71	72
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[illegible]



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96	97	98			

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[illegible]



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[illegible]



[illegible]







3	5	32	91	3700.	2426.	6.000
12.13		1.000				
4	5	31	91	3700.	0.2067E+05	6.000
103.4		1.000				
5	5	30	91	3700.	1081.	6.000
5.405		1.000				
6	5	30	90	3700.	0.1959E+05	6.000
97.96		1.000				
7	5	29	90	3700.	4588.	6.000
22.94		1.000				
8	5	29	89	3700.	0.1609E+05	6.000
80.43		1.000				
9	5	28	89	3700.	8095.	6.000
40.48		1.000				
10	5	28	88	3700.	0.1258E+05	6.000
62.89		1.000				
11	5	27	88	3700.	0.1160E+05	6.000
58.01		1.000				
12	5	27	87	3700.	9071.	6.000
45.36		1.000				
13	5	26	87	3700.	0.1511E+05	6.000
75.55		1.000				
14	5	26	86	3700.	5564.	6.000
27.82		1.000				
15	5	25	86	3700.	0.1862E+05	6.000
93.08		1.000				
16	5	25	85	3700.	2057.	6.000
10.29		1.000				
17	5	24	85	3700.	0.2067E+05	6.000
103.4		1.000				
18	5	23	85	3700.	1450.	6.000
7.250		1.000				
19	5	23	84	3700.	0.1922E+05	6.000
96.12		1.000				
20	5	22	84	3700.	4957.	6.000
24.79		1.000				
21	5	22	83	3700.	0.1572E+05	6.000
78.58		1.000				
22	5	21	83	3700.	8464.	6.000
42.32		1.000				
23	5	21	82	3700.	0.1221E+05	6.000
61.05		1.000				
24	5	20	82	3700.	0.1197E+05	6.000
59.86		1.000				
25	5	20	81	3700.	8702.	6.000
43.51		1.000				
26	5	19	81	3700.	0.1548E+05	6.000
77.39		1.000				
27	5	19	80	3700.	5195.	6.000
25.98		1.000				
28	5	18	80	3700.	0.1899E+05	6.000
94.93		1.000				
29	5	18	79	3700.	1688.	6.000
8.440		1.000				
30	5	17	79	3700.	0.2067E+05	6.000
103.4		1.000				
31	5	16	79	3700.	1819.	6.000
9.095		1.000				
32	5	16	78	3700.	0.1885E+05	6.000
94.27		1.000				



33	5	15	78	3700.	5326.	6.000
26.63		1.000				
34	5	15	77	3700.	0.1535E+05	6.000
76.74		1.000				
35	5	14	77	3700.	8833.	6.000
44.17		1.000				
36	5	14	76	3700.	0.1184E+05	6.000
59.20		1.000				
37	5	13	76	3700.	0.1234E+05	6.000
61.70		1.000				
38	5	13	75	3700.	8333.	6.000
41.67		1.000				
39	5	12	75	3700.	0.1585E+05	6.000
79.24		1.000				
40	5	12	74	3700.	4826.	6.000
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41	5	11	74	3700.	0.1935E+05	6.000
96.77		1.000				
42	5	11	73	3700.	1319.	6.000
6.595		1.000				
43	5	10	73	3700.	0.2067E+05	6.000
103.4		1.000				
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45	5	9	72	3700.	0.1643E+05	6.000
82.14		1.000				
46	5	9	71	3700.	0.1572E+05	6.000
78.62		1.000				
47	5	9	70	3700.	0.1572E+05	6.000
78.62		1.000				
48	5	9	69	3700.	0.1572E+05	6.000
78.62		1.000				
49	5	9	68	3700.	0.1572E+05	6.000
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50	5	9	67	3700.	0.1572E+05	6.000
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51	5	9	66	3700.	0.1572E+05	6.000
78.62		1.000				
52	5	9	65	3700.	0.1572E+05	6.000
78.62		1.000				
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55	5	8	63	3700.	0.1572E+05	6.000
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57	5	8	61	3700.	0.1572E+05	6.000
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58	5	8	60	3700.	0.1572E+05	6.000
78.62		1.000				
59	5	8	59	3700.	0.1433E+05	6.000
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60	5	8	58	3700.	0.1303E+05	6.000
65.14		1.000				
61	5	8	57	3700.	0.1184E+05	6.000
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62	5	8	56	3700.	0.1077E+05	6.000
53.84		1.000				



63	5	8	55	3700.	9788.	6.000
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27.63		1.000				
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36.77		1.000				
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44.49		1.000				
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48.94		1.000				
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81	5	7	38	3700.	0.1303E+05	6.000
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83	5	7	36	3700.	0.1576E+05	6.000
78.82		1.000				
84	5	7	35	3700.	0.1598E+05	6.000
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85	5	7	34	3700.	0.1598E+05	6.000
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87	5	6	33	3700.	0.1544E+05	6.000
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88	5	6	32	3700.	0.1598E+05	6.000
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27.42		1.000				
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91	5	38	93	3700.	0.1580E+05	6.000
79.01		2.000				
92	5	37	93	3700.	0.1580E+05	6.000
79.01		2.000				



93	5	36	93	3700.	0.1580E+05	6.000
79.01		2.000				
94	5	35	93	3700.	0.1580E+05	6.000
79.01		2.000				
95	5	34	93	3700.	0.1308E+05	6.000
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96	5	34	92	3700.	2722.	6.000
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7.533		3.000				
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64.89		3.000				
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59.50		3.000				
136	5	24	11	3700.	2337.	6.000
29.32		3.000				
137	5	25	11	3700.	7080.	6.000
88.82		3.000				
138	5	26	11	3700.	4314.	6.000
54.12		3.000				
139	5	26	10	3700.	2766.	6.000
34.70		3.000				
140	5	27	10	3700.	7080.	6.000
88.82		3.000				
141	5	28	10	3700.	3884.	6.000
48.74		3.000				
142	5	28	9	3700.	3195.	6.000
40.09		3.000				
143	5	29	9	3700.	7080.	6.000
88.82		3.000				
144	5	30	9	3700.	3455.	6.000
43.35		3.000				
145	5	30	8	3700.	3624.	6.000
45.47		3.000				
146	5	31	8	3700.	7080.	6.000
88.82		3.000				
147	5	32	8	3700.	3026.	6.000
37.97		3.000				
148	5	32	7	3700.	4053.	6.000
50.85		3.000				
149	5	33	7	3700.	7041.	6.000
88.33		3.000				
150	5	34	7	3700.	6296.	6.000
78.99		3.000				
151	5	35	7	3700.	6296.	6.000
78.99		3.000				
152	5	36	7	3700.	6266.	6.000
78.61		3.000				



153	5	36	6	3700.	30.19	6.000
0.3787		3.000				
154	5	37	6	3700.	6296.	6.000
78.99		3.000				
155	5	38	6	3700.	6296.	6.000
78.99		3.000				
156	5	39	6	3700.	6296.	6.000
78.99		3.000				
157	5	40	6	3700.	6296.	6.000
78.99		3.000				
158	5	41	6	3700.	6296.	6.000
78.99		3.000				
159	5	42	6	3700.	6296.	6.000
78.99		3.000				
160	5	43	6	3700.	6296.	6.000
78.99		3.000				
161	5	44	6	3700.	6296.	6.000
78.99		3.000				
162	5	45	6	3700.	6296.	6.000
78.99		3.000				
163	5	46	6	3700.	6296.	6.000
78.99		3.000				
164	5	47	6	3700.	6296.	6.000
78.99		3.000				
165	5	48	6	3700.	6296.	6.000
78.99		3.000				
166	5	49	6	3700.	6296.	6.000
78.99		3.000				
167	5	50	6	3700.	6296.	6.000
78.99		3.000				
168	5	51	6	3700.	1055.	6.000
13.23		3.000				
169	5	51	5	3700.	5241.	6.000
65.75		3.000				
170	5	52	5	3700.	6296.	6.000
78.99		3.000				
171	5	53	5	3700.	6296.	6.000
78.99		3.000				
172	5	54	5	3700.	6296.	6.000
78.99		3.000				
173	5	55	5	3700.	6296.	6.000
78.99		3.000				
174	5	56	5	3700.	6296.	6.000
78.99		3.000				
175	5	57	5	3700.	6296.	6.000
78.99		3.000				
176	5	58	5	3700.	6296.	6.000
78.99		3.000				
177	5	59	5	3700.	6296.	6.000
78.99		3.000				
178	5	60	5	3700.	6270.	6.000
78.66		3.000				
179	5	61	5	3700.	5700.	6.000
71.51		3.000				
180	5	62	5	3700.	5181.	6.000
65.01		3.000				
181	5	63	5	3700.	4710.	6.000
59.10		3.000				
182	5	64	5	3700.	4282.	6.000
53.73		3.000				



183	5	65	5	3700.	3893.	6.000
48.84		3.000				
184	5	66	5	3700.	3539.	6.000
44.40		3.000				
185	5	67	5	3700.	43.66	6.000
0.5477		3.000				
186	5	67	4	3700.	3052.	6.000
38.29		3.000				
187	5	67	5	3700.	131.5	6.000
1.650		3.000				
188	5	68	5	3700.	2950.	6.000
37.01		3.000				
189	5	69	5	3700.	2682.	6.000
33.65		3.000				
190	5	70	5	3700.	2438.	6.000
30.59		3.000				
191	5	71	5	3700.	2217.	6.000
27.81		3.000				
192	5	72	5	3700.	2015.	6.000
25.28		3.000				
193	5	73	5	3700.	2217.	6.000
27.81		3.000				
194	5	74	5	3700.	2438.	6.000
30.59		3.000				
195	5	75	5	3700.	2682.	6.000
33.65		3.000				
196	5	76	5	3700.	2950.	6.000
37.01		3.000				
197	5	77	5	3700.	3245.	6.000
40.72		3.000				
198	5	78	5	3700.	3570.	6.000
44.79		3.000				
199	5	79	5	3700.	3927.	6.000
49.27		3.000				
200	5	80	5	3700.	4319.	6.000
54.19		3.000				
201	5	81	5	3700.	4751.	6.000
59.61		3.000				
202	5	82	5	3700.	96.95	6.000
1.216		3.000				
203	5	82	6	3700.	5129.	6.000
64.36		3.000				
204	5	83	6	3700.	5749.	6.000
72.13		3.000				
205	5	84	6	3700.	6324.	6.000
79.34		3.000				
206	5	85	6	3700.	6330.	6.000
79.42		3.000				
207	5	86	6	3700.	6330.	6.000
79.42		3.000				
208	5	87	6	3700.	6330.	6.000
79.42		3.000				
209	5	88	6	3700.	6330.	6.000
79.42		3.000				
210	5	89	6	3700.	106.0	6.000
1.329		3.000				
211	5	89	7	3700.	6224.	6.000
78.09		3.000				
212	5	90	7	3700.	6330.	6.000
79.42		3.000				



213	5	91	7	3700.	6330.	6.000
79.42		3.000				
214	5	92	7	3700.	6330.	6.000
79.42		3.000				
215	5	93	7	3700.	6330.	6.000
79.42		3.000				
216	5	94	7	3700.	6330.	6.000
79.42		3.000				
217	5	95	7	3700.	4754.	6.000
59.65		3.000				
218	5	95	8	3700.	1576.	6.000
19.78		3.000				
219	5	96	8	3700.	6330.	6.000
79.42		3.000				
220	5	97	8	3700.	6330.	6.000
79.42		3.000				
221	5	98	8	3700.	6330.	6.000
79.42		3.000				
222	5	99	8	3700.	6330.	6.000
79.42		3.000				
223	5	100	8	3700.	6330.	6.000
79.42		3.000				
224	5	101	8	3700.	6330.	6.000
79.42		3.000				
225	5	102	8	3700.	3072.	6.000
38.54		3.000				
226	5	102	9	3700.	3258.	6.000
40.88		3.000				
227	5	103	9	3700.	5863.	6.000
73.56		3.000				
228	5	108	11	3700.	9150.	6.000
59.10		4.000				
229	5	109	11	3700.	3520.	6.000
22.74		4.000				
230	5	109	12	3700.	0.1024E+05	6.000
66.13		4.000				
231	5	110	12	3700.	0.1376E+05	6.000
88.86		4.000				
232	5	111	12	3700.	2323.	6.000
15.00		4.000				
233	5	111	13	3700.	0.1144E+05	6.000
73.86		4.000				
234	5	112	13	3700.	0.1376E+05	6.000
88.86		4.000				
235	5	113	13	3700.	1126.	6.000
7.271		4.000				
236	5	113	14	3700.	0.1263E+05	6.000
81.59		4.000				
237	5	114	14	3700.	0.1369E+05	6.000
88.40		4.000				
238	5	114	15	3700.	71.40	6.000
0.4612		4.000				
239	5	115	15	3700.	0.1376E+05	6.000
88.86		4.000				
240	5	116	15	3700.	0.1249E+05	6.000
80.67		4.000				
241	5	116	16	3700.	1269.	6.000
8.193		4.000				
242	5	117	16	3700.	0.1376E+05	6.000
88.86		4.000				



243	5	118	16	3700.	0.1129E+05	6.000
72.94		4.000				
244	5	118	17	3700.	2466.	6.000
15.93		4.000				
245	5	119	17	3700.	0.1376E+05	6.000
88.86		4.000				
246	5	120	17	3700.	0.1010E+05	6.000
65.21		4.000				
247	5	120	18	3700.	3663.	6.000
23.66		4.000				
248	5	121	18	3700.	0.1376E+05	6.000
88.86		4.000				
249	5	122	18	3700.	8899.	6.000
57.47		4.000				
250	5	122	19	3700.	4860.	6.000
31.39		4.000				
251	5	123	19	3700.	0.1376E+05	6.000
88.86		4.000				
252	5	124	19	3700.	7701.	6.000
49.74		4.000				
253	5	124	20	3700.	6057.	6.000
39.12		4.000				
254	5	125	20	3700.	0.1254E+05	6.000
80.96		4.000				
255	5	125	21	3700.	0.1278E+05	6.000
82.56		4.000				
256	5	125	22	3700.	7981.	6.000
51.55		4.000				
257	5	126	22	3700.	4802.	6.000
31.02		4.000				
258	5	126	23	3700.	0.1278E+05	6.000
82.56		4.000				
259	5	126	24	3700.	0.1278E+05	6.000
82.56		4.000				
260	5	126	25	3700.	0.1278E+05	6.000
82.56		4.000				
261	5	126	26	3700.	2159.	6.000
13.94		4.000				
262	5	127	26	3700.	0.1062E+05	6.000
68.62		4.000				
263	5	127	27	3700.	0.1278E+05	6.000
82.56		4.000				
264	5	127	28	3700.	0.1278E+05	6.000
82.56		4.000				
265	5	127	29	3700.	9120.	6.000
58.91		4.000				
266	5	128	29	3700.	3663.	6.000
23.66		4.000				
267	5	128	30	3700.	0.1278E+05	6.000
82.56		4.000				
268	5	128	31	3700.	0.1278E+05	6.000
82.56		4.000				
269	5	128	32	3700.	0.1278E+05	6.000
82.56		4.000				
270	5	128	33	3700.	3298.	6.000
21.30		4.000				
271	5	129	33	3700.	9485.	6.000
61.26		4.000				
272	5	129	34	3700.	0.1278E+05	6.000
82.56		4.000				



273	5	129	35	3700.	0.1278E+05	6.000
82.56		4.000				
274	5	129	36	3700.	0.1026E+05	6.000
66.26		4.000				
275	5	130	36	3700.	2351.	6.000
15.18		4.000				
276	5	130	37	3700.	0.1146E+05	6.000
74.04		4.000				
277	5	130	38	3700.	0.1042E+05	6.000
67.31		4.000				
278	5	130	39	3700.	9474.	6.000
61.19		4.000				
279	5	130	40	3700.	8613.	6.000
55.63		4.000				
280	5	130	41	3700.	2986.	6.000
19.29		4.000				
281	5	131	41	3700.	4844.	6.000
31.29		4.000				
282	5	131	42	3700.	7118.	6.000
45.98		4.000				
283	5	131	43	3700.	6471.	6.000
41.80		4.000				
284	5	131	44	3700.	5883.	6.000
38.00		4.000				
285	5	131	45	3700.	5348.	6.000
34.54		4.000				
286	5	131	46	3700.	4862.	6.000
31.40		4.000				
287	5	131	47	3700.	4420.	6.000
28.55		4.000				
288	5	131	48	3700.	4018.	6.000
25.95		4.000				
289	5	131	49	3700.	2347.	6.000
15.16		4.000				
290	5	132	49	3700.	2073.	6.000
13.39		4.000				
291	5	132	50	3700.	4862.	6.000
31.40		4.000				
292	5	132	51	3700.	5329.	6.000
34.42		4.000				
293	5	132	52	3700.	5845.	6.000
37.75		4.000				
294	5	132	53	3700.	1390.	6.000
8.979		4.000				
295	5	131	53	3700.	5040.	6.000
32.55		4.000				
296	5	131	54	3700.	7073.	6.000
45.68		4.000				
297	5	131	55	3700.	7780.	6.000
50.25		4.000				
298	5	131	56	3700.	8558.	6.000
55.27		4.000				
299	5	131	57	3700.	9414.	6.000
60.80		4.000				
300	5	131	58	3700.	0.1036E+05	6.000
66.88		4.000				
301	5	131	59	3700.	1415.	6.000
9.137		4.000				
302	5	130	59	3700.	9976.	6.000
64.43		4.000				



303	5	130	60	3700.	0.1250E+05	6.000
80.72		4.000				
304	5	130	61	3700.	0.1250E+05	6.000
80.72		4.000				
305	5	130	62	3700.	0.1250E+05	6.000
80.72		4.000				
306	5	130	63	3700.	2164.	6.000
13.98		4.000				
307	5	129	63	3700.	0.1033E+05	6.000
66.74		4.000				
308	5	129	64	3700.	0.1250E+05	6.000
80.72		4.000				
309	5	129	65	3700.	0.1250E+05	6.000
80.72		4.000				
310	5	129	66	3700.	0.1250E+05	6.000
80.72		4.000				
311	5	129	67	3700.	1806.	6.000
11.67		4.000				
312	5	128	67	3700.	0.1069E+05	6.000
69.06		4.000				
313	5	128	68	3700.	0.1250E+05	6.000
80.72		4.000				
314	5	128	69	3700.	0.1250E+05	6.000
80.72		4.000				
315	5	128	70	3700.	0.1250E+05	6.000
80.72		4.000				
316	5	128	71	3700.	1448.	6.000
9.355		4.000				
317	5	127	71	3700.	0.1105E+05	6.000
71.37		4.000				
318	5	127	72	3700.	0.1250E+05	6.000
80.72		4.000				
319	5	127	73	3700.	0.1250E+05	6.000
80.72		4.000				
320	5	127	74	3700.	0.1250E+05	6.000
80.72		4.000				
321	5	127	75	3700.	1091.	6.000
7.044		4.000				
322	5	126	75	3700.	0.1141E+05	6.000
73.68		4.000				
323	5	126	76	3700.	0.1250E+05	6.000
80.72		4.000				
324	5	126	77	3700.	0.1250E+05	6.000
80.72		4.000				
325	5	126	78	3700.	0.1250E+05	6.000
80.72		4.000				
326	5	126	79	3700.	732.8	6.000
4.733		4.000				
327	5	125	79	3700.	0.1176E+05	6.000
75.99		4.000				
328	5	125	80	3700.	0.1507E+05	6.000
97.33		4.000				
329	5	124	80	3700.	4068.	6.000
26.28		4.000				
330	5	124	81	3700.	9681.	6.000
62.53		4.000				
331	5	123	81	3700.	0.1375E+05	6.000
88.80		4.000				
332	5	122	81	3700.	2532.	6.000
16.35		4.000				



333	5	122	82	3700.	0.1122E+05	6.000
72.45		4.000				
334	5	121	82	3700.	0.1375E+05	6.000
88.80		4.000				
335	5	120	82	3700.	996.0	6.000
6.433		4.000				
336	5	120	83	3700.	0.1275E+05	6.000
82.37		4.000				
337	5	119	83	3700.	0.1321E+05	6.000
85.31		4.000				
338	5	119	84	3700.	540.2	6.000
3.489		4.000				
339	5	118	84	3700.	0.1375E+05	6.000
88.80		4.000				
340	5	117	84	3700.	0.1167E+05	6.000
75.39		4.000				
341	5	117	85	3700.	2076.	6.000
13.41		4.000				
342	5	116	85	3700.	0.1375E+05	6.000
88.80		4.000				
343	5	115	85	3700.	0.1014E+05	6.000
65.47		4.000				
344	5	115	86	3700.	3612.	6.000
23.33		4.000				
345	5	114	86	3700.	0.1375E+05	6.000
88.80		4.000				
346	5	113	86	3700.	8601.	6.000
55.55		4.000				
347	5	113	87	3700.	5149.	6.000
33.25		4.000				
348	5	112	87	3700.	0.1375E+05	6.000
88.80		4.000				
349	5	111	87	3700.	7064.	6.000
45.63		4.000				
350	5	111	88	3700.	6685.	6.000
43.18		4.000				
351	5	110	88	3700.	0.1375E+05	6.000
88.80		4.000				
352	5	109	88	3700.	5528.	6.000
35.71		4.000				
353	5	109	89	3700.	8221.	6.000
53.10		4.000				
354	5	108	89	3700.	0.1375E+05	6.000
88.80		4.000				
355	5	107	89	3700.	3992.	6.000
25.79		4.000				
356	5	107	90	3700.	9757.	6.000
63.02		4.000				
357	5	106	90	3700.	0.1375E+05	6.000
88.80		4.000				
358	5	105	90	3700.	2456.	6.000
15.86		4.000				
359	5	105	91	3700.	0.1129E+05	6.000
72.94		4.000				
360	5	104	91	3700.	0.1375E+05	6.000
88.80		4.000				
361	5	103	91	3700.	920.0	6.000
5.942		4.000				
362	5	103	92	3700.	0.1283E+05	6.000
82.86		4.000				



363	5	102	92	3700.	0.1271E+05	6.000
82.10		4.000				
364	5	101	92	3700.	0.1219E+05	6.000
78.73		4.000				
365	5	100	92	3700.	0.1219E+05	6.000
78.73		4.000				
366	5	99	92	3700.	0.1219E+05	6.000
78.73		4.000				
367	5	98	92	3700.	0.1219E+05	6.000
78.73		4.000				
368	5	97	92	3700.	646.0	6.000
4.173		4.000				
369	5	97	93	3700.	0.1154E+05	6.000
74.55		4.000				
370	5	96	93	3700.	0.1219E+05	6.000
78.73		4.000				
371	5	95	93	3700.	0.1219E+05	6.000
78.73		4.000				
372	5	94	93	3700.	0.1219E+05	6.000
78.73		4.000				
373	5	93	93	3700.	0.1219E+05	6.000
78.73		4.000				
374	5	92	93	3700.	0.1219E+05	6.000
78.73		4.000				
375	5	91	93	3700.	0.1219E+05	6.000
78.73		4.000				
376	5	90	93	3700.	0.1219E+05	6.000
78.73		4.000				
377	5	89	93	3700.	0.1219E+05	6.000
78.73		4.000				
378	5	88	93	3700.	0.1219E+05	6.000
78.73		4.000				
379	5	87	93	3700.	0.1219E+05	6.000
78.73		4.000				
380	5	86	93	3700.	0.1219E+05	6.000
78.73		4.000				
381	5	85	93	3700.	0.1219E+05	6.000
78.73		4.000				
382	5	84	93	3700.	0.1218E+05	6.000
78.65		4.000				
383	5	83	93	3700.	4942.	6.000
31.92		4.000				
384	5	83	94	3700.	6128.	6.000
39.58		4.000				
385	5	82	94	3700.	0.1006E+05	6.000
65.00		4.000				
386	5	81	94	3700.	9149.	6.000
59.09		4.000				
387	5	80	94	3700.	8317.	6.000
53.72		4.000				
388	5	79	94	3700.	7561.	6.000
48.84		4.000				
389	5	78	94	3700.	6874.	6.000
44.40		4.000				
390	5	77	94	3700.	6249.	6.000
40.36		4.000				
391	5	76	94	3700.	5681.	6.000
36.69		4.000				
392	5	75	94	3700.	5164.	6.000
33.36		4.000				



393	5	74	94	3700.	4695.	6.000
30.32		4.000				
394	5	73	94	3700.	4268.	6.000
27.57		4.000				
395	5	72	94	3700.	3880.	6.000
25.06		4.000				
396	5	71	94	3700.	4268.	6.000
27.57		4.000				
397	5	70	94	3700.	4695.	6.000
30.32		4.000				
398	5	69	94	3700.	5164.	6.000
33.36		4.000				
399	5	68	94	3700.	5681.	6.000
36.69		4.000				
400	5	67	94	3700.	6249.	6.000
40.36		4.000				
401	5	66	94	3700.	6874.	6.000
44.40		4.000				
402	5	65	94	3700.	7561.	6.000
48.84		4.000				
403	5	64	94	3700.	8317.	6.000
53.72		4.000				
404	5	63	94	3700.	9149.	6.000
59.09		4.000				
405	5	62	94	3700.	0.1006E+05	6.000
65.00		4.000				
406	5	61	94	3700.	0.1107E+05	6.000
71.50		4.000				
407	5	60	94	3700.	0.1218E+05	6.000
78.65		4.000				
408	5	59	94	3700.	0.1223E+05	6.000
79.01		4.000				
409	5	58	94	3700.	0.1223E+05	6.000
79.01		4.000				
410	5	57	94	3700.	0.1223E+05	6.000
79.01		4.000				
411	5	56	94	3700.	0.1223E+05	6.000
79.01		4.000				
412	5	55	94	3700.	0.1223E+05	6.000
79.01		4.000				
413	5	54	94	3700.	0.1223E+05	6.000
79.01		4.000				
414	5	53	94	3700.	0.1223E+05	6.000
79.01		4.000				
415	5	52	94	3700.	0.1223E+05	6.000
79.01		4.000				
416	5	51	94	3700.	0.1223E+05	6.000
79.01		4.000				
417	5	50	94	3700.	0.1223E+05	6.000
79.01		4.000				
418	5	49	94	3700.	0.1223E+05	6.000
79.01		4.000				
419	5	48	94	3700.	0.1223E+05	6.000
79.01		4.000				
420	5	47	94	3700.	6987.	6.000
45.13		4.000				
421	5	47	93	3700.	5246.	6.000
33.88		4.000				
422	5	46	93	3700.	0.1223E+05	6.000
79.01		4.000				



423	5	45	93	3700.	0.1223E+05	6.000
79.01		4.000				
424	5	44	93	3700.	0.1223E+05	6.000
79.01		4.000				
425	5	43	93	3700.	0.1223E+05	6.000
79.01		4.000				
426	5	42	93	3700.	0.1223E+05	6.000
79.01		4.000				
427	5	41	93	3700.	0.1223E+05	6.000
79.01		4.000				
428	5	40	93	3700.	0.1223E+05	6.000
79.01		4.000				
429	5	39	93	3700.	8035.	6.000
51.90		4.000				
430	5	103	9	3700.	1312.	6.000
6.558		5.000				
431	5	104	9	3700.	0.1777E+05	6.000
88.86		5.000				
432	5	105	9	3700.	7640.	6.000
38.20		5.000				
433	5	105	10	3700.	0.1013E+05	6.000
50.67		5.000				
434	5	106	10	3700.	0.1777E+05	6.000
88.86		5.000				
435	5	107	10	3700.	6093.	6.000
30.47		5.000				
436	5	107	11	3700.	0.1168E+05	6.000
58.40		5.000				
437	5	108	11	3700.	5953.	6.000
29.76		5.000				
438	6	33	92	2900.	0.000	6.000
20.81		6.000				
439	6	32	92	2900.	0.000	6.000
91.24		6.000				
440	6	32	91	2900.	0.000	6.000
12.13		6.000				
441	6	31	91	2900.	0.000	6.000
103.4		6.000				
442	6	30	91	2900.	0.000	6.000
5.405		6.000				
443	6	30	90	2900.	0.000	6.000
97.96		6.000				
444	6	29	90	2900.	0.000	6.000
22.94		6.000				
445	6	29	89	2900.	0.000	6.000
80.43		6.000				
446	6	28	89	2900.	0.000	6.000
40.48		6.000				
447	6	28	88	2900.	0.000	6.000
62.89		6.000				
448	6	27	88	2900.	0.000	6.000
58.01		6.000				
449	6	27	87	2900.	0.000	6.000
45.36		6.000				
450	6	26	87	2900.	0.000	6.000
75.55		6.000				
451	6	26	86	2900.	0.000	6.000
27.82		6.000				
452	6	25	86	2900.	0.000	6.000
93.08		6.000				



453	6	25	85	2900.	0.000	6.000
10.29		6.000				
454	6	24	85	2900.	0.000	6.000
103.4		6.000				
455	6	23	85	2900.	0.000	6.000
7.250		6.000				
456	6	23	84	2900.	0.000	6.000
96.12		6.000				
457	6	22	84	2900.	0.000	6.000
24.79		6.000				
458	6	22	83	2900.	0.000	6.000
78.58		6.000				
459	6	21	83	2900.	0.000	6.000
42.32		6.000				
460	6	21	82	2900.	0.000	6.000
61.05		6.000				
461	6	20	82	2900.	0.000	6.000
59.86		6.000				
462	6	20	81	2900.	0.000	6.000
43.51		6.000				
463	6	19	81	2900.	0.000	6.000
77.39		6.000				
464	6	19	80	2900.	0.000	6.000
25.98		6.000				
465	6	18	80	2900.	0.000	6.000
94.93		6.000				
466	6	18	79	2900.	0.000	6.000
8.440		6.000				
467	6	17	79	2900.	0.000	6.000
103.4		6.000				
468	6	16	79	2900.	0.000	6.000
9.095		6.000				
469	6	16	78	2900.	0.000	6.000
94.27		6.000				
470	6	15	78	2900.	0.000	6.000
26.63		6.000				
471	6	15	77	2900.	0.000	6.000
76.74		6.000				
472	6	14	77	2900.	0.000	6.000
44.17		6.000				
473	6	14	76	2900.	0.000	6.000
59.20		6.000				
474	6	13	76	2900.	0.000	6.000
61.70		6.000				
475	6	13	75	2900.	0.000	6.000
41.67		6.000				
476	6	12	75	2900.	0.000	6.000
79.24		6.000				
477	6	12	74	2900.	0.000	6.000
24.13		6.000				
478	6	11	74	2900.	0.000	6.000
96.77		6.000				
479	6	11	73	2900.	0.000	6.000
6.595		6.000				
480	6	10	73	2900.	0.000	6.000
103.4		6.000				
481	6	9	73	2900.	0.000	6.000
10.94		6.000				
482	6	9	72	2900.	0.000	6.000
82.14		6.000				



483	6	9	71	2900.	0.000	6.000
78.62		6.000				
484	6	9	70	2900.	0.000	6.000
78.62		6.000				
485	6	9	69	2900.	0.000	6.000
78.62		6.000				
486	6	9	68	2900.	0.000	6.000
78.62		6.000				
487	6	9	67	2900.	0.000	6.000
78.62		6.000				
488	6	9	66	2900.	0.000	6.000
78.62		6.000				
489	6	9	65	2900.	0.000	6.000
78.62		6.000				
490	6	9	64	2900.	0.000	6.000
34.60		6.000				
491	6	8	64	2900.	0.000	6.000
44.02		6.000				
492	6	8	63	2900.	0.000	6.000
78.62		6.000				
493	6	8	62	2900.	0.000	6.000
78.62		6.000				
494	6	8	61	2900.	0.000	6.000
78.62		6.000				
495	6	8	60	2900.	0.000	6.000
78.62		6.000				
496	6	8	59	2900.	0.000	6.000
71.66		6.000				
497	6	8	58	2900.	0.000	6.000
65.14		6.000				
498	6	8	57	2900.	0.000	6.000
59.22		6.000				
499	6	8	56	2900.	0.000	6.000
53.84		6.000				
500	6	8	55	2900.	0.000	6.000
48.94		6.000				
501	6	8	54	2900.	0.000	6.000
44.49		6.000				
502	6	8	53	2900.	0.000	6.000
40.45		6.000				
503	6	8	52	2900.	0.000	6.000
36.77		6.000				
504	6	8	51	2900.	0.000	6.000
33.43		6.000				
505	6	8	50	2900.	0.000	6.000
11.99		6.000				
506	6	7	50	2900.	0.000	6.000
18.40		6.000				
507	6	7	49	2900.	0.000	6.000
27.63		6.000				
508	6	7	48	2900.	0.000	6.000
25.11		6.000				
509	6	7	47	2900.	0.000	6.000
27.63		6.000				
510	6	7	46	2900.	0.000	6.000
30.39		6.000				
511	6	7	45	2900.	0.000	6.000
33.43		6.000				
512	6	7	44	2900.	0.000	6.000
36.77		6.000				



513	6	7	43	2900.	0.000	6.000
40.45		6.000				
514	6	7	42	2900.	0.000	6.000
44.49		6.000				
515	6	7	41	2900.	0.000	6.000
48.94		6.000				
516	6	7	40	2900.	0.000	6.000
53.84		6.000				
517	6	7	39	2900.	0.000	6.000
59.22		6.000				
518	6	7	38	2900.	0.000	6.000
65.14		6.000				
519	6	7	37	2900.	0.000	6.000
71.66		6.000				
520	6	7	36	2900.	0.000	6.000
78.82		6.000				
521	6	7	35	2900.	0.000	6.000
79.90		6.000				
522	6	7	34	2900.	0.000	6.000
79.90		6.000				
523	6	7	33	2900.	0.000	6.000
2.719		6.000				
524	6	6	33	2900.	0.000	6.000
77.18		6.000				
525	6	6	32	2900.	0.000	6.000
79.90		6.000				
526	6	6	31	2900.	0.000	6.000
27.42		6.000				
527	6	39	93	2900.	0.000	6.000
27.11		7.000				
528	6	38	93	2900.	0.000	6.000
79.01		7.000				
529	6	37	93	2900.	0.000	6.000
79.01		7.000				
530	6	36	93	2900.	0.000	6.000
79.01		7.000				
531	6	35	93	2900.	0.000	6.000
79.01		7.000				
532	6	34	93	2900.	0.000	6.000
65.40		7.000				
533	6	34	92	2900.	0.000	6.000
13.61		7.000				
534	6	33	92	2900.	0.000	6.000
63.10		7.000				
535	6	6	31	2900.	0.000	6.000
36.14		8.000				
536	6	7	31	2900.	0.000	6.000
23.71		8.000				
537	6	7	30	2900.	0.000	6.000
91.12		8.000				
538	6	7	29	2900.	0.000	6.000
46.65		8.000				
539	6	8	29	2900.	0.000	6.000
44.47		8.000				
540	6	8	28	2900.	0.000	6.000
91.12		8.000				
541	6	8	27	2900.	0.000	6.000
25.89		8.000				
542	6	9	27	2900.	0.000	6.000
65.23		8.000				



543	6	9	26	2900.	0.000	6.000
91.12		8.000				
544	6	9	25	2900.	0.000	6.000
5.133		8.000				
545	6	10	25	2900.	0.000	6.000
85.98		8.000				
546	6	10	24	2900.	0.000	6.000
75.49		8.000				
547	6	11	24	2900.	0.000	6.000
15.62		8.000				
548	6	11	23	2900.	0.000	6.000
91.12		8.000				
549	6	11	22	2900.	0.000	6.000
54.74		8.000				
550	6	12	22	2900.	0.000	6.000
36.38		8.000				
551	6	12	21	2900.	0.000	6.000
91.12		8.000				
552	6	12	20	2900.	0.000	6.000
33.98		8.000				
553	6	13	20	2900.	0.000	6.000
57.14		8.000				
554	6	13	19	2900.	0.000	6.000
91.12		8.000				
555	6	13	18	2900.	0.000	6.000
13.22		8.000				
556	6	14	18	2900.	0.000	6.000
77.89		8.000				
557	6	14	17	2900.	0.000	6.000
83.58		8.000				
558	6	15	17	2900.	0.000	6.000
7.533		8.000				
559	6	15	16	2900.	0.000	6.000
86.88		8.000				
560	6	16	16	2900.	0.000	6.000
81.04		8.000				
561	6	16	15	2900.	0.000	6.000
7.787		8.000				
562	6	17	15	2900.	0.000	6.000
88.82		8.000				
563	6	18	15	2900.	0.000	6.000
75.65		8.000				
564	6	18	14	2900.	0.000	6.000
13.17		8.000				
565	6	19	14	2900.	0.000	6.000
88.82		8.000				
566	6	20	14	2900.	0.000	6.000
70.27		8.000				
567	6	20	13	2900.	0.000	6.000
18.55		8.000				
568	6	21	13	2900.	0.000	6.000
88.82		8.000				
569	6	22	13	2900.	0.000	6.000
64.89		8.000				
570	6	22	12	2900.	0.000	6.000
23.94		8.000				
571	6	23	12	2900.	0.000	6.000
88.82		8.000				
572	6	24	12	2900.	0.000	6.000
59.50		8.000				



573	6	24	11	2900.	0.000	6.000
29.32		8.000				
574	6	25	11	2900.	0.000	6.000
88.82		8.000				
575	6	26	11	2900.	0.000	6.000
54.12		8.000				
576	6	26	10	2900.	0.000	6.000
34.70		8.000				
577	6	27	10	2900.	0.000	6.000
88.82		8.000				
578	6	28	10	2900.	0.000	6.000
48.74		8.000				
579	6	28	9	2900.	0.000	6.000
40.09		8.000				
580	6	29	9	2900.	0.000	6.000
88.82		8.000				
581	6	30	9	2900.	0.000	6.000
43.35		8.000				
582	6	30	8	2900.	0.000	6.000
45.47		8.000				
583	6	31	8	2900.	0.000	6.000
88.82		8.000				
584	6	32	8	2900.	0.000	6.000
37.97		8.000				
585	6	32	7	2900.	0.000	6.000
50.85		8.000				
586	6	33	7	2900.	0.000	6.000
88.33		8.000				
587	6	34	7	2900.	0.000	6.000
78.99		8.000				
588	6	35	7	2900.	0.000	6.000
78.99		8.000				
589	6	36	7	2900.	0.000	6.000
78.61		8.000				
590	6	36	6	2900.	0.000	6.000
0.3787		8.000				
591	6	37	6	2900.	0.000	6.000
78.99		8.000				
592	6	38	6	2900.	0.000	6.000
78.99		8.000				
593	6	39	6	2900.	0.000	6.000
78.99		8.000				
594	6	40	6	2900.	0.000	6.000
78.99		8.000				
595	6	41	6	2900.	0.000	6.000
78.99		8.000				
596	6	42	6	2900.	0.000	6.000
78.99		8.000				
597	6	43	6	2900.	0.000	6.000
78.99		8.000				
598	6	44	6	2900.	0.000	6.000
78.99		8.000				
599	6	45	6	2900.	0.000	6.000
78.99		8.000				
600	6	46	6	2900.	0.000	6.000
78.99		8.000				
601	6	47	6	2900.	0.000	6.000
78.99		8.000				
602	6	48	6	2900.	0.000	6.000
78.99		8.000				



603	6	49	6	2900.	0.000	6.000
78.99		8.000				
604	6	50	6	2900.	0.000	6.000
78.99		8.000				
605	6	51	6	2900.	0.000	6.000
13.23		8.000				
606	6	51	5	2900.	0.000	6.000
65.75		8.000				
607	6	52	5	2900.	0.000	6.000
78.99		8.000				
608	6	53	5	2900.	0.000	6.000
78.99		8.000				
609	6	54	5	2900.	0.000	6.000
78.99		8.000				
610	6	55	5	2900.	0.000	6.000
78.99		8.000				
611	6	56	5	2900.	0.000	6.000
78.99		8.000				
612	6	57	5	2900.	0.000	6.000
78.99		8.000				
613	6	58	5	2900.	0.000	6.000
78.99		8.000				
614	6	59	5	2900.	0.000	6.000
78.99		8.000				
615	6	60	5	2900.	0.000	6.000
78.66		8.000				
616	6	61	5	2900.	0.000	6.000
71.51		8.000				
617	6	62	5	2900.	0.000	6.000
65.01		8.000				
618	6	63	5	2900.	0.000	6.000
59.10		8.000				
619	6	64	5	2900.	0.000	6.000
53.73		8.000				
620	6	65	5	2900.	0.000	6.000
48.84		8.000				
621	6	66	5	2900.	0.000	6.000
44.40		8.000				
622	6	67	5	2900.	0.000	6.000
0.5477		8.000				
623	6	67	4	2900.	0.000	6.000
38.29		8.000				
624	6	67	5	2900.	0.000	6.000
1.650		8.000				
625	6	68	5	2900.	0.000	6.000
37.01		8.000				
626	6	69	5	2900.	0.000	6.000
33.65		8.000				
627	6	70	5	2900.	0.000	6.000
30.59		8.000				
628	6	71	5	2900.	0.000	6.000
27.81		8.000				
629	6	72	5	2900.	0.000	6.000
25.28		8.000				
630	6	73	5	2900.	0.000	6.000
27.81		8.000				
631	6	74	5	2900.	0.000	6.000
30.59		8.000				
632	6	75	5	2900.	0.000	6.000
33.65		8.000				



633	6	76	5	2900.	0.000	6.000
37.01		8.000				
634	6	77	5	2900.	0.000	6.000
40.72		8.000				
635	6	78	5	2900.	0.000	6.000
44.79		8.000				
636	6	79	5	2900.	0.000	6.000
49.27		8.000				
637	6	80	5	2900.	0.000	6.000
54.19		8.000				
638	6	81	5	2900.	0.000	6.000
59.61		8.000				
639	6	82	5	2900.	0.000	6.000
1.216		8.000				
640	6	82	6	2900.	0.000	6.000
64.36		8.000				
641	6	83	6	2900.	0.000	6.000
72.13		8.000				
642	6	84	6	2900.	0.000	6.000
79.34		8.000				
643	6	85	6	2900.	0.000	6.000
79.42		8.000				
644	6	86	6	2900.	0.000	6.000
79.42		8.000				
645	6	87	6	2900.	0.000	6.000
79.42		8.000				
646	6	88	6	2900.	0.000	6.000
79.42		8.000				
647	6	89	6	2900.	0.000	6.000
1.329		8.000				
648	6	89	7	2900.	0.000	6.000
78.09		8.000				
649	6	90	7	2900.	0.000	6.000
79.42		8.000				
650	6	91	7	2900.	0.000	6.000
79.42		8.000				
651	6	92	7	2900.	0.000	6.000
79.42		8.000				
652	6	93	7	2900.	0.000	6.000
79.42		8.000				
653	6	94	7	2900.	0.000	6.000
79.42		8.000				
654	6	95	7	2900.	0.000	6.000
59.65		8.000				
655	6	95	8	2900.	0.000	6.000
19.78		8.000				
656	6	96	8	2900.	0.000	6.000
79.42		8.000				
657	6	97	8	2900.	0.000	6.000
79.42		8.000				
658	6	98	8	2900.	0.000	6.000
79.42		8.000				
659	6	99	8	2900.	0.000	6.000
79.42		8.000				
660	6	100	8	2900.	0.000	6.000
79.42		8.000				
661	6	101	8	2900.	0.000	6.000
79.42		8.000				
662	6	102	8	2900.	0.000	6.000
38.54		8.000				



663	6	102	9	2900.	0.000	6.000
40.88		8.000				
664	6	103	9	2900.	0.000	6.000
73.56		8.000				
665	6	108	11	2900.	0.000	6.000
59.10		9.000				
666	6	109	11	2900.	0.000	6.000
22.74		9.000				
667	6	109	12	2900.	0.000	6.000
66.13		9.000				
668	6	110	12	2900.	0.000	6.000
88.86		9.000				
669	6	111	12	2900.	0.000	6.000
15.00		9.000				
670	6	111	13	2900.	0.000	6.000
73.86		9.000				
671	6	112	13	2900.	0.000	6.000
88.86		9.000				
672	6	113	13	2900.	0.000	6.000
7.271		9.000				
673	6	113	14	2900.	0.000	6.000
81.59		9.000				
674	6	114	14	2900.	0.000	6.000
88.40		9.000				
675	6	114	15	2900.	0.000	6.000
0.4612		9.000				
676	6	115	15	2900.	0.000	6.000
88.86		9.000				
677	6	116	15	2900.	0.000	6.000
80.67		9.000				
678	6	116	16	2900.	0.000	6.000
8.193		9.000				
679	6	117	16	2900.	0.000	6.000
88.86		9.000				
680	6	118	16	2900.	0.000	6.000
72.94		9.000				
681	6	118	17	2900.	0.000	6.000
15.93		9.000				
682	6	119	17	2900.	0.000	6.000
88.86		9.000				
683	6	120	17	2900.	0.000	6.000
65.21		9.000				
684	6	120	18	2900.	0.000	6.000
23.66		9.000				
685	6	121	18	2900.	0.000	6.000
88.86		9.000				
686	6	122	18	2900.	0.000	6.000
57.47		9.000				
687	6	122	19	2900.	0.000	6.000
31.39		9.000				
688	6	123	19	2900.	0.000	6.000
88.86		9.000				
689	6	124	19	2900.	0.000	6.000
49.74		9.000				
690	6	124	20	2900.	0.000	6.000
39.12		9.000				
691	6	125	20	2900.	0.000	6.000
80.96		9.000				
692	6	125	21	2900.	0.000	6.000
82.56		9.000				



693	6	125	22	2900.	0.000	6.000
51.55		9.000				
694	6	126	22	2900.	0.000	6.000
31.02		9.000				
695	6	126	23	2900.	0.000	6.000
82.56		9.000				
696	6	126	24	2900.	0.000	6.000
82.56		9.000				
697	6	126	25	2900.	0.000	6.000
82.56		9.000				
698	6	126	26	2900.	0.000	6.000
13.94		9.000				
699	6	127	26	2900.	0.000	6.000
68.62		9.000				
700	6	127	27	2900.	0.000	6.000
82.56		9.000				
701	6	127	28	2900.	0.000	6.000
82.56		9.000				
702	6	127	29	2900.	0.000	6.000
58.91		9.000				
703	6	128	29	2900.	0.000	6.000
23.66		9.000				
704	6	128	30	2900.	0.000	6.000
82.56		9.000				
705	6	128	31	2900.	0.000	6.000
82.56		9.000				
706	6	128	32	2900.	0.000	6.000
82.56		9.000				
707	6	128	33	2900.	0.000	6.000
21.30		9.000				
708	6	129	33	2900.	0.000	6.000
61.26		9.000				
709	6	129	34	2900.	0.000	6.000
82.56		9.000				
710	6	129	35	2900.	0.000	6.000
82.56		9.000				
711	6	129	36	2900.	0.000	6.000
66.26		9.000				
712	6	130	36	2900.	0.000	6.000
15.18		9.000				
713	6	130	37	2900.	0.000	6.000
74.04		9.000				
714	6	130	38	2900.	0.000	6.000
67.31		9.000				
715	6	130	39	2900.	0.000	6.000
61.19		9.000				
716	6	130	40	2900.	0.000	6.000
55.63		9.000				
717	6	130	41	2900.	0.000	6.000
19.29		9.000				
718	6	131	41	2900.	0.000	6.000
31.29		9.000				
719	6	131	42	2900.	0.000	6.000
45.98		9.000				
720	6	131	43	2900.	0.000	6.000
41.80		9.000				
721	6	131	44	2900.	0.000	6.000
38.00		9.000				
722	6	131	45	2900.	0.000	6.000
34.54		9.000				



723	6	131	46	2900.	0.000	6.000
31.40		9.000				
724	6	131	47	2900.	0.000	6.000
28.55		9.000				
725	6	131	48	2900.	0.000	6.000
25.95		9.000				
726	6	131	49	2900.	0.000	6.000
15.16		9.000				
727	6	132	49	2900.	0.000	6.000
13.39		9.000				
728	6	132	50	2900.	0.000	6.000
31.40		9.000				
729	6	132	51	2900.	0.000	6.000
34.42		9.000				
730	6	132	52	2900.	0.000	6.000
37.75		9.000				
731	6	132	53	2900.	0.000	6.000
8.979		9.000				
732	6	131	53	2900.	0.000	6.000
32.55		9.000				
733	6	131	54	2900.	0.000	6.000
45.68		9.000				
734	6	131	55	2900.	0.000	6.000
50.25		9.000				
735	6	131	56	2900.	0.000	6.000
55.27		9.000				
736	6	131	57	2900.	0.000	6.000
60.80		9.000				
737	6	131	58	2900.	0.000	6.000
66.88		9.000				
738	6	131	59	2900.	0.000	6.000
9.137		9.000				
739	6	130	59	2900.	0.000	6.000
64.43		9.000				
740	6	130	60	2900.	0.000	6.000
80.72		9.000				
741	6	130	61	2900.	0.000	6.000
80.72		9.000				
742	6	130	62	2900.	0.000	6.000
80.72		9.000				
743	6	130	63	2900.	0.000	6.000
13.98		9.000				
744	6	129	63	2900.	0.000	6.000
66.74		9.000				
745	6	129	64	2900.	0.000	6.000
80.72		9.000				
746	6	129	65	2900.	0.000	6.000
80.72		9.000				
747	6	129	66	2900.	0.000	6.000
80.72		9.000				
748	6	129	67	2900.	0.000	6.000
11.67		9.000				
749	6	128	67	2900.	0.000	6.000
69.06		9.000				
750	6	128	68	2900.	0.000	6.000
80.72		9.000				
751	6	128	69	2900.	0.000	6.000
80.72		9.000				
752	6	128	70	2900.	0.000	6.000
80.72		9.000				



753	6	128	71	2900.	0.000	6.000
9.355		9.000				
754	6	127	71	2900.	0.000	6.000
71.37		9.000				
755	6	127	72	2900.	0.000	6.000
80.72		9.000				
756	6	127	73	2900.	0.000	6.000
80.72		9.000				
757	6	127	74	2900.	0.000	6.000
80.72		9.000				
758	6	127	75	2900.	0.000	6.000
7.044		9.000				
759	6	126	75	2900.	0.000	6.000
73.68		9.000				
760	6	126	76	2900.	0.000	6.000
80.72		9.000				
761	6	126	77	2900.	0.000	6.000
80.72		9.000				
762	6	126	78	2900.	0.000	6.000
80.72		9.000				
763	6	126	79	2900.	0.000	6.000
4.733		9.000				
764	6	125	79	2900.	0.000	6.000
75.99		9.000				
765	6	125	80	2900.	0.000	6.000
97.33		9.000				
766	6	124	80	2900.	0.000	6.000
26.28		9.000				
767	6	124	81	2900.	0.000	6.000
62.53		9.000				
768	6	123	81	2900.	0.000	6.000
88.80		9.000				
769	6	122	81	2900.	0.000	6.000
16.35		9.000				
770	6	122	82	2900.	0.000	6.000
72.45		9.000				
771	6	121	82	2900.	0.000	6.000
88.80		9.000				
772	6	120	82	2900.	0.000	6.000
6.433		9.000				
773	6	120	83	2900.	0.000	6.000
82.37		9.000				
774	6	119	83	2900.	0.000	6.000
85.31		9.000				
775	6	119	84	2900.	0.000	6.000
3.489		9.000				
776	6	118	84	2900.	0.000	6.000
88.80		9.000				
777	6	117	84	2900.	0.000	6.000
75.39		9.000				
778	6	117	85	2900.	0.000	6.000
13.41		9.000				
779	6	116	85	2900.	0.000	6.000
88.80		9.000				
780	6	115	85	2900.	0.000	6.000
65.47		9.000				
781	6	115	86	2900.	0.000	6.000
23.33		9.000				
782	6	114	86	2900.	0.000	6.000
88.80		9.000				



783	6	113	86	2900.	0.000	6.000
55.55		9.000				
784	6	113	87	2900.	0.000	6.000
33.25		9.000				
785	6	112	87	2900.	0.000	6.000
88.80		9.000				
786	6	111	87	2900.	0.000	6.000
45.63		9.000				
787	6	111	88	2900.	0.000	6.000
43.18		9.000				
788	6	110	88	2900.	0.000	6.000
88.80		9.000				
789	6	109	88	2900.	0.000	6.000
35.71		9.000				
790	6	109	89	2900.	0.000	6.000
53.10		9.000				
791	6	108	89	2900.	0.000	6.000
88.80		9.000				
792	6	107	89	2900.	0.000	6.000
25.79		9.000				
793	6	107	90	2900.	0.000	6.000
63.02		9.000				
794	6	106	90	2900.	0.000	6.000
88.80		9.000				
795	6	105	90	2900.	0.000	6.000
15.86		9.000				
796	6	105	91	2900.	0.000	6.000
72.94		9.000				
797	6	104	91	2900.	0.000	6.000
88.80		9.000				
798	6	103	91	2900.	0.000	6.000
5.942		9.000				
799	6	103	92	2900.	0.000	6.000
82.86		9.000				
800	6	102	92	2900.	0.000	6.000
82.10		9.000				
801	6	101	92	2900.	0.000	6.000
78.73		9.000				
802	6	100	92	2900.	0.000	6.000
78.73		9.000				
803	6	99	92	2900.	0.000	6.000
78.73		9.000				
804	6	98	92	2900.	0.000	6.000
78.73		9.000				
805	6	97	92	2900.	0.000	6.000
4.173		9.000				
806	6	97	93	2900.	0.000	6.000
74.55		9.000				
807	6	96	93	2900.	0.000	6.000
78.73		9.000				
808	6	95	93	2900.	0.000	6.000
78.73		9.000				
809	6	94	93	2900.	0.000	6.000
78.73		9.000				
810	6	93	93	2900.	0.000	6.000
78.73		9.000				
811	6	92	93	2900.	0.000	6.000
78.73		9.000				
812	6	91	93	2900.	0.000	6.000
78.73		9.000				



813	6	90	93	2900.	0.000	6.000
78.73		9.000				
814	6	89	93	2900.	0.000	6.000
78.73		9.000				
815	6	88	93	2900.	0.000	6.000
78.73		9.000				
816	6	87	93	2900.	0.000	6.000
78.73		9.000				
817	6	86	93	2900.	0.000	6.000
78.73		9.000				
818	6	85	93	2900.	0.000	6.000
78.73		9.000				
819	6	84	93	2900.	0.000	6.000
78.65		9.000				
820	6	83	93	2900.	0.000	6.000
31.92		9.000				
821	6	83	94	2900.	0.000	6.000
39.58		9.000				
822	6	82	94	2900.	0.000	6.000
65.00		9.000				
823	6	81	94	2900.	0.000	6.000
59.09		9.000				
824	6	80	94	2900.	0.000	6.000
53.72		9.000				
825	6	79	94	2900.	0.000	6.000
48.84		9.000				
826	6	78	94	2900.	0.000	6.000
44.40		9.000				
827	6	77	94	2900.	0.000	6.000
40.36		9.000				
828	6	76	94	2900.	0.000	6.000
36.69		9.000				
829	6	75	94	2900.	0.000	6.000
33.36		9.000				
830	6	74	94	2900.	0.000	6.000
30.32		9.000				
831	6	73	94	2900.	0.000	6.000
27.57		9.000				
832	6	72	94	2900.	0.000	6.000
25.06		9.000				
833	6	71	94	2900.	0.000	6.000
27.57		9.000				
834	6	70	94	2900.	0.000	6.000
30.32		9.000				
835	6	69	94	2900.	0.000	6.000
33.36		9.000				
836	6	68	94	2900.	0.000	6.000
36.69		9.000				
837	6	67	94	2900.	0.000	6.000
40.36		9.000				
838	6	66	94	2900.	0.000	6.000
44.40		9.000				
839	6	65	94	2900.	0.000	6.000
48.84		9.000				
840	6	64	94	2900.	0.000	6.000
53.72		9.000				
841	6	63	94	2900.	0.000	6.000
59.09		9.000				
842	6	62	94	2900.	0.000	6.000
65.00		9.000				



843	6	61	94	2900.	0.000	6.000
71.50		9.000				
844	6	60	94	2900.	0.000	6.000
78.65		9.000				
845	6	59	94	2900.	0.000	6.000
79.01		9.000				
846	6	58	94	2900.	0.000	6.000
79.01		9.000				
847	6	57	94	2900.	0.000	6.000
79.01		9.000				
848	6	56	94	2900.	0.000	6.000
79.01		9.000				
849	6	55	94	2900.	0.000	6.000
79.01		9.000				
850	6	54	94	2900.	0.000	6.000
79.01		9.000				
851	6	53	94	2900.	0.000	6.000
79.01		9.000				
852	6	52	94	2900.	0.000	6.000
79.01		9.000				
853	6	51	94	2900.	0.000	6.000
79.01		9.000				
854	6	50	94	2900.	0.000	6.000
79.01		9.000				
855	6	49	94	2900.	0.000	6.000
79.01		9.000				
856	6	48	94	2900.	0.000	6.000
79.01		9.000				
857	6	47	94	2900.	0.000	6.000
45.13		9.000				
858	6	47	93	2900.	0.000	6.000
33.88		9.000				
859	6	46	93	2900.	0.000	6.000
79.01		9.000				
860	6	45	93	2900.	0.000	6.000
79.01		9.000				
861	6	44	93	2900.	0.000	6.000
79.01		9.000				
862	6	43	93	2900.	0.000	6.000
79.01		9.000				
863	6	42	93	2900.	0.000	6.000
79.01		9.000				
864	6	41	93	2900.	0.000	6.000
79.01		9.000				
865	6	40	93	2900.	0.000	6.000
79.01		9.000				
866	6	39	93	2900.	0.000	6.000
51.90		9.000				
867	6	103	9	2900.	0.000	6.000
6.558		10.00				
868	6	104	9	2900.	0.000	6.000
88.86		10.00				
869	6	105	9	2900.	0.000	6.000
38.20		10.00				
870	6	105	10	2900.	0.000	6.000
50.67		10.00				
871	6	106	10	2900.	0.000	6.000
88.86		10.00				
872	6	107	10	2900.	0.000	6.000
30.47		10.00				



873	6	107	11	2900.	0.000	6.000
58.40		10.00				
874	6	108	11	2900.	0.000	6.000
29.76		10.00				

## 874 GHB CELLS

CHD NO. SHEADFACT	LAYER	ROW EHEADFACT	COL	START HEAD CELLGRP	END HEAD	
1	1	6	31	1562.	1562.	27.42
27.42		1.000				
2	1	6	32	3620.	3620.	79.90
79.90		1.000				
3	1	6	33	3620.	3620.	77.18
77.18		1.000				
4	1	7	33	3620.	3620.	2.719
2.719		1.000				
5	1	7	34	3620.	3620.	79.90
79.90		1.000				
6	1	7	35	3620.	3620.	79.90
79.90		1.000				
7	1	7	36	3620.	3620.	78.82
78.82		1.000				
8	1	7	37	3620.	3620.	71.66
71.66		1.000				
9	1	7	38	3620.	3620.	65.14
65.14		1.000				
10	1	7	39	3620.	3620.	59.22
59.22		1.000				
11	1	7	40	3620.	3620.	53.84
53.84		1.000				
12	1	7	41	3620.	3620.	48.94
48.94		1.000				
13	1	7	42	3620.	3620.	44.49
44.49		1.000				
14	1	7	43	3620.	3620.	40.45
40.45		1.000				
15	1	7	44	3620.	3620.	36.77
36.77		1.000				
16	1	7	45	3620.	3620.	33.43
33.43		1.000				
17	1	7	46	3620.	3620.	30.39
30.39		1.000				
18	1	7	47	3620.	3620.	27.63
27.63		1.000				
19	1	7	48	3620.	3620.	25.11
25.11		1.000				
20	1	7	49	3620.	3620.	27.63
27.63		1.000				
21	1	7	50	3620.	3620.	18.40
18.40		1.000				
22	1	8	50	3620.	3620.	11.99
11.99		1.000				
23	1	8	51	3620.	3620.	33.43
33.43		1.000				
24	1	8	52	3620.	3620.	36.77
36.77		1.000				



25	1	8	53	3620.	3620.	40.45
40.45		1.000				
26	1	8	54	3620.	3620.	44.49
44.49		1.000				
27	1	8	55	3620.	3620.	48.94
48.94		1.000				
28	1	8	56	3620.	3620.	53.84
53.84		1.000				
29	1	8	57	3620.	3620.	59.22
59.22		1.000				
30	1	8	58	3620.	3620.	65.14
65.14		1.000				
31	1	8	59	3620.	3620.	71.66
71.66		1.000				
32	1	8	60	3620.	3620.	78.62
78.62		1.000				
33	1	8	61	3620.	3620.	78.62
78.62		1.000				
34	1	8	62	3620.	3620.	78.62
78.62		1.000				
35	1	8	63	3620.	3620.	78.62
78.62		1.000				
36	1	8	64	3620.	3620.	44.02
44.02		1.000				
37	1	9	64	3620.	3620.	34.60
34.60		1.000				
38	1	9	65	3620.	3620.	78.62
78.62		1.000				
39	1	9	66	3620.	3620.	78.62
78.62		1.000				
40	1	9	67	3620.	3620.	78.62
78.62		1.000				
41	1	9	68	3620.	3620.	78.62
78.62		1.000				
42	1	9	69	3620.	3620.	78.62
78.62		1.000				
43	1	9	70	3620.	3620.	78.62
78.62		1.000				
44	1	9	71	3620.	3620.	78.62
78.62		1.000				
45	1	9	72	3620.	3620.	82.14
82.14		1.000				
46	1	9	73	3620.	3620.	10.94
10.94		1.000				
47	1	10	73	3620.	3620.	103.4
103.4		1.000				
48	1	11	73	3620.	3620.	6.595
6.595		1.000				
49	1	11	74	3620.	3620.	96.77
96.77		1.000				
50	1	12	74	3620.	3620.	24.13
24.13		1.000				
51	1	12	75	3620.	3620.	79.24
79.24		1.000				
52	1	13	75	3620.	3620.	41.67
41.67		1.000				
53	1	13	76	3620.	3620.	61.70
61.70		1.000				
54	1	14	76	3620.	3620.	59.20
59.20		1.000				



55	1	14	77	3620.	3620.	44.17
44.17		1.000				
56	1	15	77	3620.	3620.	76.74
76.74		1.000				
57	1	15	78	3620.	3620.	26.63
26.63		1.000				
58	1	16	78	3620.	3620.	94.27
94.27		1.000				
59	1	16	79	3620.	3620.	9.095
9.095		1.000				
60	1	17	79	3620.	3620.	103.4
103.4		1.000				
61	1	18	79	3620.	3620.	8.440
8.440		1.000				
62	1	18	80	3620.	3620.	94.93
94.93		1.000				
63	1	19	80	3620.	3620.	25.98
25.98		1.000				
64	1	19	81	3620.	3620.	77.39
77.39		1.000				
65	1	20	81	3620.	3620.	43.51
43.51		1.000				
66	1	20	82	3620.	3620.	59.86
59.86		1.000				
67	1	21	82	3620.	3620.	61.05
61.05		1.000				
68	1	21	83	3620.	3620.	42.32
42.32		1.000				
69	1	22	83	3620.	3620.	78.58
78.58		1.000				
70	1	22	84	3620.	3620.	24.79
24.79		1.000				
71	1	23	84	3620.	3620.	96.12
96.12		1.000				
72	1	23	85	3620.	3620.	7.250
7.250		1.000				
73	1	24	85	3620.	3620.	103.4
103.4		1.000				
74	1	25	85	3620.	3620.	10.29
10.29		1.000				
75	1	25	86	3620.	3620.	93.08
93.08		1.000				
76	1	26	86	3620.	3620.	27.82
27.82		1.000				
77	1	26	87	3620.	3620.	75.55
75.55		1.000				
78	1	27	87	3620.	3620.	45.36
45.36		1.000				
79	1	27	88	3620.	3620.	58.01
58.01		1.000				
80	1	28	88	3620.	3620.	62.89
62.89		1.000				
81	1	28	89	3620.	3620.	40.48
40.48		1.000				
82	1	29	89	3620.	3620.	80.43
80.43		1.000				
83	1	29	90	3620.	3620.	22.94
22.94		1.000				
84	1	30	90	3620.	3620.	97.96
97.96		1.000				



85	1	30	91	3620.	3620.	5.405
5.405		1.000				
86	1	31	91	3620.	3620.	103.4
103.4		1.000				
87	1	32	91	3620.	3620.	12.13
12.13		1.000				
88	1	32	92	3620.	3620.	91.24
91.24		1.000				
89	1	33	92	897.8	897.8	20.81
20.81		1.000				
90	1	33	92	2722.	2722.	63.10
63.10		2.000				
91	1	34	92	3620.	3620.	13.61
13.61		2.000				
92	1	34	93	3620.	3620.	65.40
65.40		2.000				
93	1	35	93	3620.	3620.	79.01
79.01		2.000				
94	1	36	93	3620.	3620.	79.01
79.01		2.000				
95	1	37	93	3620.	3620.	79.01
79.01		2.000				
96	1	38	93	3620.	3620.	79.01
79.01		2.000				
97	1	39	93	1242.	1242.	27.11
27.11		2.000				
98	1	103	9	3324.	3324.	73.56
73.56		3.000				
99	1	102	9	3620.	3620.	40.88
40.88		3.000				
100	1	102	8	3620.	3620.	38.54
38.54		3.000				
101	1	101	8	3620.	3620.	79.42
79.42		3.000				
102	1	100	8	3620.	3620.	79.42
79.42		3.000				
103	1	99	8	3620.	3620.	79.42
79.42		3.000				
104	1	98	8	3620.	3620.	79.42
79.42		3.000				
105	1	97	8	3620.	3620.	79.42
79.42		3.000				
106	1	96	8	3620.	3620.	79.42
79.42		3.000				
107	1	95	8	3620.	3620.	19.78
19.78		3.000				
108	1	95	7	3620.	3620.	59.65
59.65		3.000				
109	1	94	7	3620.	3620.	79.42
79.42		3.000				
110	1	93	7	3620.	3620.	79.42
79.42		3.000				
111	1	92	7	3620.	3620.	79.42
79.42		3.000				
112	1	91	7	3620.	3620.	79.42
79.42		3.000				
113	1	90	7	3620.	3620.	79.42
79.42		3.000				
114	1	89	7	3620.	3620.	78.09
78.09		3.000				



115	1	89	6	3620.	3620.	1.329
1.329		3.000				
116	1	88	6	3620.	3620.	79.42
79.42		3.000				
117	1	87	6	3620.	3620.	79.42
79.42		3.000				
118	1	86	6	3620.	3620.	79.42
79.42		3.000				
119	1	85	6	3620.	3620.	79.42
79.42		3.000				
120	1	84	6	3620.	3620.	79.34
79.34		3.000				
121	1	83	6	3620.	3620.	72.13
72.13		3.000				
122	1	82	6	3620.	3620.	64.36
64.36		3.000				
123	1	82	5	3620.	3620.	1.216
1.216		3.000				
124	1	81	5	3620.	3620.	59.61
59.61		3.000				
125	1	80	5	3620.	3620.	54.19
54.19		3.000				
126	1	79	5	3620.	3620.	49.27
49.27		3.000				
127	1	78	5	3620.	3620.	44.79
44.79		3.000				
128	1	77	5	3620.	3620.	40.72
40.72		3.000				
129	1	76	5	3620.	3620.	37.01
37.01		3.000				
130	1	75	5	3620.	3620.	33.65
33.65		3.000				
131	1	74	5	3620.	3620.	30.59
30.59		3.000				
132	1	73	5	3620.	3620.	27.81
27.81		3.000				
133	1	72	5	3620.	3620.	25.28
25.28		3.000				
134	1	71	5	3620.	3620.	27.81
27.81		3.000				
135	1	70	5	3620.	3620.	30.59
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136	1	69	5	3620.	3620.	33.65
33.65		3.000				
137	1	68	5	3620.	3620.	37.01
37.01		3.000				
138	1	67	5	3620.	3620.	1.650
1.650		3.000				
139	1	67	4	3620.	3620.	38.29
38.29		3.000				
140	1	66	5	3620.	3620.	44.40
44.40		3.000				
141	1	65	5	3620.	3620.	48.84
48.84		3.000				
142	1	64	5	3620.	3620.	53.73
53.73		3.000				
143	1	63	5	3620.	3620.	59.10
59.10		3.000				
144	1	62	5	3620.	3620.	65.01
65.01		3.000				



145	1	61	5	3620.	3620.	71.51
71.51		3.000				
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78.66		3.000				
147	1	59	5	3620.	3620.	78.99
78.99		3.000				
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78.99		3.000				
149	1	57	5	3620.	3620.	78.99
78.99		3.000				
150	1	56	5	3620.	3620.	78.99
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151	1	55	5	3620.	3620.	78.99
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152	1	54	5	3620.	3620.	78.99
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153	1	53	5	3620.	3620.	78.99
78.99		3.000				
154	1	52	5	3620.	3620.	78.99
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155	1	51	5	3620.	3620.	65.75
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156	1	51	6	3620.	3620.	13.23
13.23		3.000				
157	1	50	6	3620.	3620.	78.99
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158	1	49	6	3620.	3620.	78.99
78.99		3.000				
159	1	48	6	3620.	3620.	78.99
78.99		3.000				
160	1	47	6	3620.	3620.	78.99
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161	1	46	6	3620.	3620.	78.99
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162	1	45	6	3620.	3620.	78.99
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163	1	44	6	3620.	3620.	78.99
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164	1	43	6	3620.	3620.	78.99
78.99		3.000				
165	1	42	6	3620.	3620.	78.99
78.99		3.000				
166	1	41	6	3620.	3620.	78.99
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167	1	40	6	3620.	3620.	78.99
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168	1	39	6	3620.	3620.	78.99
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170	1	37	6	3620.	3620.	78.99
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171	1	36	6	3620.	3620.	0.3787
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172	1	36	7	3620.	3620.	78.61
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173	1	35	7	3620.	3620.	78.99
78.99		3.000				
174	1	34	7	3620.	3620.	78.99
78.99		3.000				



175	1	33	7	3620.	3620.	88.33
88.33		3.000				
176	1	32	7	3620.	3620.	50.85
50.85		3.000				
177	1	32	8	3620.	3620.	37.97
37.97		3.000				
178	1	31	8	3620.	3620.	88.82
88.82		3.000				
179	1	30	8	3620.	3620.	45.47
45.47		3.000				
180	1	30	9	3620.	3620.	43.35
43.35		3.000				
181	1	29	9	3620.	3620.	88.82
88.82		3.000				
182	1	28	9	3620.	3620.	40.09
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183	1	28	10	3620.	3620.	48.74
48.74		3.000				
184	1	27	10	3620.	3620.	88.82
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185	1	26	10	3620.	3620.	34.70
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186	1	26	11	3620.	3620.	54.12
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187	1	25	11	3620.	3620.	88.82
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188	1	24	11	3620.	3620.	29.32
29.32		3.000				
189	1	24	12	3620.	3620.	59.50
59.50		3.000				
190	1	23	12	3620.	3620.	88.82
88.82		3.000				
191	1	22	12	3620.	3620.	23.94
23.94		3.000				
192	1	22	13	3620.	3620.	64.89
64.89		3.000				
193	1	21	13	3620.	3620.	88.82
88.82		3.000				
194	1	20	13	3620.	3620.	18.55
18.55		3.000				
195	1	20	14	3620.	3620.	70.27
70.27		3.000				
196	1	19	14	3620.	3620.	88.82
88.82		3.000				
197	1	18	14	3620.	3620.	13.17
13.17		3.000				
198	1	18	15	3620.	3620.	75.65
75.65		3.000				
199	1	17	15	3620.	3620.	88.82
88.82		3.000				
200	1	16	15	3620.	3620.	7.787
7.787		3.000				
201	1	16	16	3620.	3620.	81.04
81.04		3.000				
202	1	15	16	3620.	3620.	86.88
86.88		3.000				
203	1	15	17	3620.	3620.	7.533
7.533		3.000				
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83.58		3.000				



205	1	14	18	3620.	3620.	77.89
77.89		3.000				
206	1	13	18	3620.	3620.	13.22
13.22		3.000				
207	1	13	19	3620.	3620.	91.12
91.12		3.000				
208	1	13	20	3620.	3620.	57.14
57.14		3.000				
209	1	12	20	3620.	3620.	33.98
33.98		3.000				
210	1	12	21	3620.	3620.	91.12
91.12		3.000				
211	1	12	22	3620.	3620.	36.38
36.38		3.000				
212	1	11	22	3620.	3620.	54.74
54.74		3.000				
213	1	11	23	3620.	3620.	91.12
91.12		3.000				
214	1	11	24	3620.	3620.	15.62
15.62		3.000				
215	1	10	24	3620.	3620.	75.49
75.49		3.000				
216	1	10	25	3620.	3620.	85.98
85.98		3.000				
217	1	9	25	3620.	3620.	5.133
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218	1	9	26	3620.	3620.	91.12
91.12		3.000				
219	1	9	27	3620.	3620.	65.23
65.23		3.000				
220	1	8	27	3620.	3620.	25.89
25.89		3.000				
221	1	8	28	3620.	3620.	91.12
91.12		3.000				
222	1	8	29	3620.	3620.	44.47
44.47		3.000				
223	1	7	29	3620.	3620.	46.65
46.65		3.000				
224	1	7	30	3620.	3620.	91.12
91.12		3.000				
225	1	7	31	3620.	3620.	23.71
23.71		3.000				
226	1	6	31	2058.	2058.	36.14
36.14		3.000				
227	1	39	93	2378.	2378.	51.90
51.90		4.000				
228	1	40	93	3620.	3620.	79.01
79.01		4.000				
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79.01		4.000				
230	1	42	93	3620.	3620.	79.01
79.01		4.000				
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232	1	44	93	3620.	3620.	79.01
79.01		4.000				
233	1	45	93	3620.	3620.	79.01
79.01		4.000				
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79.01		4.000				



235	1	47	93	3620.	3620.	33.88
33.88		4.000				
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237	1	48	94	3620.	3620.	79.01
79.01		4.000				
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239	1	50	94	3620.	3620.	79.01
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241	1	52	94	3620.	3620.	79.01
79.01		4.000				
242	1	53	94	3620.	3620.	79.01
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243	1	54	94	3620.	3620.	79.01
79.01		4.000				
244	1	55	94	3620.	3620.	79.01
79.01		4.000				
245	1	56	94	3620.	3620.	79.01
79.01		4.000				
246	1	57	94	3620.	3620.	79.01
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247	1	58	94	3620.	3620.	79.01
79.01		4.000				
248	1	59	94	3620.	3620.	79.01
79.01		4.000				
249	1	60	94	3620.	3620.	78.65
78.65		4.000				
250	1	61	94	3620.	3620.	71.50
71.50		4.000				
251	1	62	94	3620.	3620.	65.00
65.00		4.000				
252	1	63	94	3620.	3620.	59.09
59.09		4.000				
253	1	64	94	3620.	3620.	53.72
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254	1	65	94	3620.	3620.	48.84
48.84		4.000				
255	1	66	94	3620.	3620.	44.40
44.40		4.000				
256	1	67	94	3620.	3620.	40.36
40.36		4.000				
257	1	68	94	3620.	3620.	36.69
36.69		4.000				
258	1	69	94	3620.	3620.	33.36
33.36		4.000				
259	1	70	94	3620.	3620.	30.32
30.32		4.000				
260	1	71	94	3620.	3620.	27.57
27.57		4.000				
261	1	72	94	3620.	3620.	25.06
25.06		4.000				
262	1	73	94	3620.	3620.	27.57
27.57		4.000				
263	1	74	94	3620.	3620.	30.32
30.32		4.000				
264	1	75	94	3620.	3620.	33.36
33.36		4.000				



265	1	76	94	3620.	3620.	36.69
36.69		4.000				
266	1	77	94	3620.	3620.	40.36
40.36		4.000				
267	1	78	94	3620.	3620.	44.40
44.40		4.000				
268	1	79	94	3620.	3620.	48.84
48.84		4.000				
269	1	80	94	3620.	3620.	53.72
53.72		4.000				
270	1	81	94	3620.	3620.	59.09
59.09		4.000				
271	1	82	94	3620.	3620.	65.00
65.00		4.000				
272	1	83	94	3620.	3620.	39.58
39.58		4.000				
273	1	83	93	3620.	3620.	31.92
31.92		4.000				
274	1	84	93	3620.	3620.	78.65
78.65		4.000				
275	1	85	93	3620.	3620.	78.73
78.73		4.000				
276	1	86	93	3620.	3620.	78.73
78.73		4.000				
277	1	87	93	3620.	3620.	78.73
78.73		4.000				
278	1	88	93	3620.	3620.	78.73
78.73		4.000				
279	1	89	93	3620.	3620.	78.73
78.73		4.000				
280	1	90	93	3620.	3620.	78.73
78.73		4.000				
281	1	91	93	3620.	3620.	78.73
78.73		4.000				
282	1	92	93	3620.	3620.	78.73
78.73		4.000				
283	1	93	93	3620.	3620.	78.73
78.73		4.000				
284	1	94	93	3620.	3620.	78.73
78.73		4.000				
285	1	95	93	3620.	3620.	78.73
78.73		4.000				
286	1	96	93	3620.	3620.	78.73
78.73		4.000				
287	1	97	93	3620.	3620.	74.55
74.55		4.000				
288	1	97	92	3620.	3620.	4.173
4.173		4.000				
289	1	98	92	3620.	3620.	78.73
78.73		4.000				
290	1	99	92	3620.	3620.	78.73
78.73		4.000				
291	1	100	92	3620.	3620.	78.73
78.73		4.000				
292	1	101	92	3620.	3620.	78.73
78.73		4.000				
293	1	102	92	3620.	3620.	82.10
82.10		4.000				
294	1	103	92	3620.	3620.	82.86
82.86		4.000				



295	1	103	91	3620.	3620.	5.942
5.942		4.000				
296	1	104	91	3620.	3620.	88.80
88.80		4.000				
297	1	105	91	3620.	3620.	72.94
72.94		4.000				
298	1	105	90	3620.	3620.	15.86
15.86		4.000				
299	1	106	90	3620.	3620.	88.80
88.80		4.000				
300	1	107	90	3620.	3620.	63.02
63.02		4.000				
301	1	107	89	3620.	3620.	25.79
25.79		4.000				
302	1	108	89	3620.	3620.	88.80
88.80		4.000				
303	1	109	89	3620.	3620.	53.10
53.10		4.000				
304	1	109	88	3620.	3620.	35.71
35.71		4.000				
305	1	110	88	3620.	3620.	88.80
88.80		4.000				
306	1	111	88	3620.	3620.	43.18
43.18		4.000				
307	1	111	87	3620.	3620.	45.63
45.63		4.000				
308	1	112	87	3620.	3620.	88.80
88.80		4.000				
309	1	113	87	3620.	3620.	33.25
33.25		4.000				
310	1	113	86	3620.	3620.	55.55
55.55		4.000				
311	1	114	86	3620.	3620.	88.80
88.80		4.000				
312	1	115	86	3620.	3620.	23.33
23.33		4.000				
313	1	115	85	3620.	3620.	65.47
65.47		4.000				
314	1	116	85	3620.	3620.	88.80
88.80		4.000				
315	1	117	85	3620.	3620.	13.41
13.41		4.000				
316	1	117	84	3620.	3620.	75.39
75.39		4.000				
317	1	118	84	3620.	3620.	88.80
88.80		4.000				
318	1	119	84	3620.	3620.	3.489
3.489		4.000				
319	1	119	83	3620.	3620.	85.31
85.31		4.000				
320	1	120	83	3620.	3620.	82.37
82.37		4.000				
321	1	120	82	3620.	3620.	6.433
6.433		4.000				
322	1	121	82	3620.	3620.	88.80
88.80		4.000				
323	1	122	82	3620.	3620.	72.45
72.45		4.000				
324	1	122	81	3620.	3620.	16.35
16.35		4.000				



325	1	123	81	3620.	3620.	88.80
88.80		4.000				
326	1	124	81	3620.	3620.	62.53
62.53		4.000				
327	1	124	80	3620.	3620.	26.28
26.28		4.000				
328	1	125	80	3620.	3620.	97.33
97.33		4.000				
329	1	125	79	3620.	3620.	75.99
75.99		4.000				
330	1	126	79	3620.	3620.	4.733
4.733		4.000				
331	1	126	78	3620.	3620.	80.72
80.72		4.000				
332	1	126	77	3620.	3620.	80.72
80.72		4.000				
333	1	126	76	3620.	3620.	80.72
80.72		4.000				
334	1	126	75	3620.	3620.	73.68
73.68		4.000				
335	1	127	75	3620.	3620.	7.044
7.044		4.000				
336	1	127	74	3620.	3620.	80.72
80.72		4.000				
337	1	127	73	3620.	3620.	80.72
80.72		4.000				
338	1	127	72	3620.	3620.	80.72
80.72		4.000				
339	1	127	71	3620.	3620.	71.37
71.37		4.000				
340	1	128	71	3620.	3620.	9.355
9.355		4.000				
341	1	128	70	3620.	3620.	80.72
80.72		4.000				
342	1	128	69	3620.	3620.	80.72
80.72		4.000				
343	1	128	68	3620.	3620.	80.72
80.72		4.000				
344	1	128	67	3620.	3620.	69.06
69.06		4.000				
345	1	129	67	3620.	3620.	11.67
11.67		4.000				
346	1	129	66	3620.	3620.	80.72
80.72		4.000				
347	1	129	65	3620.	3620.	80.72
80.72		4.000				
348	1	129	64	3620.	3620.	80.72
80.72		4.000				
349	1	129	63	3620.	3620.	66.74
66.74		4.000				
350	1	130	63	3620.	3620.	13.98
13.98		4.000				
351	1	130	62	3620.	3620.	80.72
80.72		4.000				
352	1	130	61	3620.	3620.	80.72
80.72		4.000				
353	1	130	60	3620.	3620.	80.72
80.72		4.000				
354	1	130	59	3620.	3620.	64.43
64.43		4.000				



355	1	131	59	3620.	3620.	9.137
9.137		4.000				
356	1	131	58	3620.	3620.	66.88
66.88		4.000				
357	1	131	57	3620.	3620.	60.80
60.80		4.000				
358	1	131	56	3620.	3620.	55.27
55.27		4.000				
359	1	131	55	3620.	3620.	50.25
50.25		4.000				
360	1	131	54	3620.	3620.	45.68
45.68		4.000				
361	1	131	53	3620.	3620.	32.55
32.55		4.000				
362	1	132	53	3620.	3620.	8.979
8.979		4.000				
363	1	132	52	3620.	3620.	37.75
37.75		4.000				
364	1	132	51	2010.	2010.	19.11
19.11		4.000				
365	1	108	11	1212.	1212.	29.76
29.76		5.000				
366	1	107	11	3620.	3620.	58.40
58.40		5.000				
367	1	107	10	3620.	3620.	30.47
30.47		5.000				
368	1	106	10	3620.	3620.	88.86
88.86		5.000				
369	1	105	10	3620.	3620.	50.67
50.67		5.000				
370	1	105	9	3620.	3620.	38.20
38.20		5.000				
371	1	104	9	3620.	3620.	88.86
88.86		5.000				
372	1	103	9	296.3	296.3	6.558
6.558		5.000				
373	1	132	51	1610.	1610.	15.31
15.31		6.000				
374	1	132	50	3620.	3620.	31.40
31.40		6.000				
375	1	132	49	3620.	3620.	13.39
13.39		6.000				
376	1	131	49	3620.	3620.	15.16
15.16		6.000				
377	1	131	48	3620.	3620.	25.95
25.95		6.000				
378	1	131	47	3620.	3620.	28.55
28.55		6.000				
379	1	131	46	3620.	3620.	31.40
31.40		6.000				
380	1	131	45	3620.	3620.	34.54
34.54		6.000				
381	1	131	44	3620.	3620.	38.00
38.00		6.000				
382	1	131	43	3620.	3620.	41.80
41.80		6.000				
383	1	131	42	3620.	3620.	45.98
45.98		6.000				
384	1	131	41	3620.	3620.	31.29
31.29		6.000				



385	1	130	41	3620.	3620.	19.29
19.29		6.000				
386	1	130	40	3620.	3620.	55.63
55.63		6.000				
387	1	130	39	3620.	3620.	61.19
61.19		6.000				
388	1	130	38	3620.	3620.	67.31
67.31		6.000				
389	1	130	37	3620.	3620.	74.04
74.04		6.000				
390	1	130	36	3620.	3620.	15.18
15.18		6.000				
391	1	129	36	3620.	3620.	66.26
66.26		6.000				
392	1	129	35	3620.	3620.	82.56
82.56		6.000				
393	1	129	34	3620.	3620.	82.56
82.56		6.000				
394	1	129	33	3620.	3620.	61.26
61.26		6.000				
395	1	128	33	3620.	3620.	21.30
21.30		6.000				
396	1	128	32	3620.	3620.	82.56
82.56		6.000				
397	1	128	31	3620.	3620.	82.56
82.56		6.000				
398	1	128	30	3620.	3620.	82.56
82.56		6.000				
399	1	128	29	3620.	3620.	23.66
23.66		6.000				
400	1	127	29	3620.	3620.	58.91
58.91		6.000				
401	1	127	28	3620.	3620.	82.56
82.56		6.000				
402	1	127	27	3620.	3620.	82.56
82.56		6.000				
403	1	127	26	3620.	3620.	68.62
68.62		6.000				
404	1	126	26	3620.	3620.	13.94
13.94		6.000				
405	1	126	25	3620.	3620.	82.56
82.56		6.000				
406	1	126	24	3620.	3620.	82.56
82.56		6.000				
407	1	126	23	3620.	3620.	82.56
82.56		6.000				
408	1	126	22	3620.	3620.	31.02
31.02		6.000				
409	1	125	22	3620.	3620.	51.55
51.55		6.000				
410	1	125	21	3620.	3620.	82.56
82.56		6.000				
411	1	125	20	3620.	3620.	80.96
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412	1	124	20	3620.	3620.	39.12
39.12		6.000				
413	1	124	19	3620.	3620.	49.74
49.74		6.000				
414	1	123	19	3620.	3620.	88.86
88.86		6.000				



415	1	122	19	3620.	3620.	31.39
31.39		6.000				
416	1	122	18	3620.	3620.	57.47
57.47		6.000				
417	1	121	18	3620.	3620.	88.86
88.86		6.000				
418	1	120	18	3620.	3620.	23.66
23.66		6.000				
419	1	120	17	3620.	3620.	65.21
65.21		6.000				
420	1	119	17	3620.	3620.	88.86
88.86		6.000				
421	1	118	17	3620.	3620.	15.93
15.93		6.000				
422	1	118	16	3620.	3620.	72.94
72.94		6.000				
423	1	117	16	3620.	3620.	88.86
88.86		6.000				
424	1	116	16	3620.	3620.	8.193
8.193		6.000				
425	1	116	15	3620.	3620.	80.67
80.67		6.000				
426	1	115	15	3620.	3620.	88.86
88.86		6.000				
427	1	114	15	3620.	3620.	0.4612
0.4612		6.000				
428	1	114	14	3620.	3620.	88.40
88.40		6.000				
429	1	113	14	3620.	3620.	81.59
81.59		6.000				
430	1	113	13	3620.	3620.	7.271
7.271		6.000				
431	1	112	13	3620.	3620.	88.86
88.86		6.000				
432	1	111	13	3620.	3620.	73.86
73.86		6.000				
433	1	111	12	3620.	3620.	15.00
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434	1	110	12	3620.	3620.	88.86
88.86		6.000				
435	1	109	12	3620.	3620.	66.13
66.13		6.000				
436	1	109	11	3620.	3620.	22.74
22.74		6.000				
437	1	108	11	2408.	2408.	59.10
59.10		6.000				
438	2	6	31	1562.	1562.	27.42
27.42		7.000				
439	2	6	32	3620.	3620.	79.90
79.90		7.000				
440	2	6	33	3620.	3620.	77.18
77.18		7.000				
441	2	7	33	3620.	3620.	2.719
2.719		7.000				
442	2	7	34	3620.	3620.	79.90
79.90		7.000				
443	2	7	35	3620.	3620.	79.90
79.90		7.000				
444	2	7	36	3620.	3620.	78.82
78.82		7.000				



445	2	7	37	3620.	3620.	71.66
71.66		7.000				
446	2	7	38	3620.	3620.	65.14
65.14		7.000				
447	2	7	39	3620.	3620.	59.22
59.22		7.000				
448	2	7	40	3620.	3620.	53.84
53.84		7.000				
449	2	7	41	3620.	3620.	48.94
48.94		7.000				
450	2	7	42	3620.	3620.	44.49
44.49		7.000				
451	2	7	43	3620.	3620.	40.45
40.45		7.000				
452	2	7	44	3620.	3620.	36.77
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453	2	7	45	3620.	3620.	33.43
33.43		7.000				
454	2	7	46	3620.	3620.	30.39
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455	2	7	47	3620.	3620.	27.63
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456	2	7	48	3620.	3620.	25.11
25.11		7.000				
457	2	7	49	3620.	3620.	27.63
27.63		7.000				
458	2	7	50	3620.	3620.	18.40
18.40		7.000				
459	2	8	50	3620.	3620.	11.99
11.99		7.000				
460	2	8	51	3620.	3620.	33.43
33.43		7.000				
461	2	8	52	3620.	3620.	36.77
36.77		7.000				
462	2	8	53	3620.	3620.	40.45
40.45		7.000				
463	2	8	54	3620.	3620.	44.49
44.49		7.000				
464	2	8	55	3620.	3620.	48.94
48.94		7.000				
465	2	8	56	3620.	3620.	53.84
53.84		7.000				
466	2	8	57	3620.	3620.	59.22
59.22		7.000				
467	2	8	58	3620.	3620.	65.14
65.14		7.000				
468	2	8	59	3620.	3620.	71.66
71.66		7.000				
469	2	8	60	3620.	3620.	78.62
78.62		7.000				
470	2	8	61	3620.	3620.	78.62
78.62		7.000				
471	2	8	62	3620.	3620.	78.62
78.62		7.000				
472	2	8	63	3620.	3620.	78.62
78.62		7.000				
473	2	8	64	3620.	3620.	44.02
44.02		7.000				
474	2	9	64	3620.	3620.	34.60
34.60		7.000				



475	2	9	65	3620.	3620.	78.62
78.62		7.000				
476	2	9	66	3620.	3620.	78.62
78.62		7.000				
477	2	9	67	3620.	3620.	78.62
78.62		7.000				
478	2	9	68	3620.	3620.	78.62
78.62		7.000				
479	2	9	69	3620.	3620.	78.62
78.62		7.000				
480	2	9	70	3620.	3620.	78.62
78.62		7.000				
481	2	9	71	3620.	3620.	78.62
78.62		7.000				
482	2	9	72	3620.	3620.	82.14
82.14		7.000				
483	2	9	73	3620.	3620.	10.94
10.94		7.000				
484	2	10	73	3620.	3620.	103.4
103.4		7.000				
485	2	11	73	3620.	3620.	6.595
6.595		7.000				
486	2	11	74	3620.	3620.	96.77
96.77		7.000				
487	2	12	74	3620.	3620.	24.13
24.13		7.000				
488	2	12	75	3620.	3620.	79.24
79.24		7.000				
489	2	13	75	3620.	3620.	41.67
41.67		7.000				
490	2	13	76	3620.	3620.	61.70
61.70		7.000				
491	2	14	76	3620.	3620.	59.20
59.20		7.000				
492	2	14	77	3620.	3620.	44.17
44.17		7.000				
493	2	15	77	3620.	3620.	76.74
76.74		7.000				
494	2	15	78	3620.	3620.	26.63
26.63		7.000				
495	2	16	78	3620.	3620.	94.27
94.27		7.000				
496	2	16	79	3620.	3620.	9.095
9.095		7.000				
497	2	17	79	3620.	3620.	103.4
103.4		7.000				
498	2	18	79	3620.	3620.	8.440
8.440		7.000				
499	2	18	80	3620.	3620.	94.93
94.93		7.000				
500	2	19	80	3620.	3620.	25.98
25.98		7.000				
501	2	19	81	3620.	3620.	77.39
77.39		7.000				
502	2	20	81	3620.	3620.	43.51
43.51		7.000				
503	2	20	82	3620.	3620.	59.86
59.86		7.000				
504	2	21	82	3620.	3620.	61.05
61.05		7.000				



505	2	21	83	3620.	3620.	42.32
42.32		7.000				
506	2	22	83	3620.	3620.	78.58
78.58		7.000				
507	2	22	84	3620.	3620.	24.79
24.79		7.000				
508	2	23	84	3620.	3620.	96.12
96.12		7.000				
509	2	23	85	3620.	3620.	7.250
7.250		7.000				
510	2	24	85	3620.	3620.	103.4
103.4		7.000				
511	2	25	85	3620.	3620.	10.29
10.29		7.000				
512	2	25	86	3620.	3620.	93.08
93.08		7.000				
513	2	26	86	3620.	3620.	27.82
27.82		7.000				
514	2	26	87	3620.	3620.	75.55
75.55		7.000				
515	2	27	87	3620.	3620.	45.36
45.36		7.000				
516	2	27	88	3620.	3620.	58.01
58.01		7.000				
517	2	28	88	3620.	3620.	62.89
62.89		7.000				
518	2	28	89	3620.	3620.	40.48
40.48		7.000				
519	2	29	89	3620.	3620.	80.43
80.43		7.000				
520	2	29	90	3620.	3620.	22.94
22.94		7.000				
521	2	30	90	3620.	3620.	97.96
97.96		7.000				
522	2	30	91	3620.	3620.	5.405
5.405		7.000				
523	2	31	91	3620.	3620.	103.4
103.4		7.000				
524	2	32	91	3620.	3620.	12.13
12.13		7.000				
525	2	32	92	3620.	3620.	91.24
91.24		7.000				
526	2	33	92	897.8	897.8	20.81
20.81		7.000				
527	2	33	92	2722.	2722.	63.10
63.10		8.000				
528	2	34	92	3620.	3620.	13.61
13.61		8.000				
529	2	34	93	3620.	3620.	65.40
65.40		8.000				
530	2	35	93	3620.	3620.	79.01
79.01		8.000				
531	2	36	93	3620.	3620.	79.01
79.01		8.000				
532	2	37	93	3620.	3620.	79.01
79.01		8.000				
533	2	38	93	3620.	3620.	79.01
79.01		8.000				
534	2	39	93	1242.	1242.	27.11
27.11		8.000				



535	2	103	9	3324.	3324.	73.56
73.56		9.000				
536	2	102	9	3620.	3620.	40.88
40.88		9.000				
537	2	102	8	3620.	3620.	38.54
38.54		9.000				
538	2	101	8	3620.	3620.	79.42
79.42		9.000				
539	2	100	8	3620.	3620.	79.42
79.42		9.000				
540	2	99	8	3620.	3620.	79.42
79.42		9.000				
541	2	98	8	3620.	3620.	79.42
79.42		9.000				
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79.42		9.000				
543	2	96	8	3620.	3620.	79.42
79.42		9.000				
544	2	95	8	3620.	3620.	19.78
19.78		9.000				
545	2	95	7	3620.	3620.	59.65
59.65		9.000				
546	2	94	7	3620.	3620.	79.42
79.42		9.000				
547	2	93	7	3620.	3620.	79.42
79.42		9.000				
548	2	92	7	3620.	3620.	79.42
79.42		9.000				
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79.42		9.000				
550	2	90	7	3620.	3620.	79.42
79.42		9.000				
551	2	89	7	3620.	3620.	78.09
78.09		9.000				
552	2	89	6	3620.	3620.	1.329
1.329		9.000				
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79.42		9.000				
554	2	87	6	3620.	3620.	79.42
79.42		9.000				
555	2	86	6	3620.	3620.	79.42
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556	2	85	6	3620.	3620.	79.42
79.42		9.000				
557	2	84	6	3620.	3620.	79.34
79.34		9.000				
558	2	83	6	3620.	3620.	72.13
72.13		9.000				
559	2	82	6	3620.	3620.	64.36
64.36		9.000				
560	2	82	5	3620.	3620.	1.216
1.216		9.000				
561	2	81	5	3620.	3620.	59.61
59.61		9.000				
562	2	80	5	3620.	3620.	54.19
54.19		9.000				
563	2	79	5	3620.	3620.	49.27
49.27		9.000				
564	2	78	5	3620.	3620.	44.79
44.79		9.000				



565	2	77	5	3620.	3620.	40.72
40.72		9.000				
566	2	76	5	3620.	3620.	37.01
37.01		9.000				
567	2	75	5	3620.	3620.	33.65
33.65		9.000				
568	2	74	5	3620.	3620.	30.59
30.59		9.000				
569	2	73	5	3620.	3620.	27.81
27.81		9.000				
570	2	72	5	3620.	3620.	25.28
25.28		9.000				
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27.81		9.000				
572	2	70	5	3620.	3620.	30.59
30.59		9.000				
573	2	69	5	3620.	3620.	33.65
33.65		9.000				
574	2	68	5	3620.	3620.	37.01
37.01		9.000				
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578	2	65	5	3620.	3620.	48.84
48.84		9.000				
579	2	64	5	3620.	3620.	53.73
53.73		9.000				
580	2	63	5	3620.	3620.	59.10
59.10		9.000				
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65.01		9.000				
582	2	61	5	3620.	3620.	71.51
71.51		9.000				
583	2	60	5	3620.	3620.	78.66
78.66		9.000				
584	2	59	5	3620.	3620.	78.99
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585	2	58	5	3620.	3620.	78.99
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592	2	51	5	3620.	3620.	65.75
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593	2	51	6	3620.	3620.	13.23
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600	2	44	6	3620.	3620.	78.99
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602	2	42	6	3620.	3620.	78.99
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604	2	40	6	3620.	3620.	78.99
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605	2	39	6	3620.	3620.	78.99
78.99		9.000				
606	2	38	6	3620.	3620.	78.99
78.99		9.000				
607	2	37	6	3620.	3620.	78.99
78.99		9.000				
608	2	36	6	3620.	3620.	0.3787
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609	2	36	7	3620.	3620.	78.61
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610	2	35	7	3620.	3620.	78.99
78.99		9.000				
611	2	34	7	3620.	3620.	78.99
78.99		9.000				
612	2	33	7	3620.	3620.	88.33
88.33		9.000				
613	2	32	7	3620.	3620.	50.85
50.85		9.000				
614	2	32	8	3620.	3620.	37.97
37.97		9.000				
615	2	31	8	3620.	3620.	88.82
88.82		9.000				
616	2	30	8	3620.	3620.	45.47
45.47		9.000				
617	2	30	9	3620.	3620.	43.35
43.35		9.000				
618	2	29	9	3620.	3620.	88.82
88.82		9.000				
619	2	28	9	3620.	3620.	40.09
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620	2	28	10	3620.	3620.	48.74
48.74		9.000				
621	2	27	10	3620.	3620.	88.82
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622	2	26	10	3620.	3620.	34.70
34.70		9.000				
623	2	26	11	3620.	3620.	54.12
54.12		9.000				
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88.82		9.000				



625	2	24	11	3620.	3620.	29.32
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626	2	24	12	3620.	3620.	59.50
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627	2	23	12	3620.	3620.	88.82
88.82		9.000				
628	2	22	12	3620.	3620.	23.94
23.94		9.000				
629	2	22	13	3620.	3620.	64.89
64.89		9.000				
630	2	21	13	3620.	3620.	88.82
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631	2	20	13	3620.	3620.	18.55
18.55		9.000				
632	2	20	14	3620.	3620.	70.27
70.27		9.000				
633	2	19	14	3620.	3620.	88.82
88.82		9.000				
634	2	18	14	3620.	3620.	13.17
13.17		9.000				
635	2	18	15	3620.	3620.	75.65
75.65		9.000				
636	2	17	15	3620.	3620.	88.82
88.82		9.000				
637	2	16	15	3620.	3620.	7.787
7.787		9.000				
638	2	16	16	3620.	3620.	81.04
81.04		9.000				
639	2	15	16	3620.	3620.	86.88
86.88		9.000				
640	2	15	17	3620.	3620.	7.533
7.533		9.000				
641	2	14	17	3620.	3620.	83.58
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642	2	14	18	3620.	3620.	77.89
77.89		9.000				
643	2	13	18	3620.	3620.	13.22
13.22		9.000				
644	2	13	19	3620.	3620.	91.12
91.12		9.000				
645	2	13	20	3620.	3620.	57.14
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646	2	12	20	3620.	3620.	33.98
33.98		9.000				
647	2	12	21	3620.	3620.	91.12
91.12		9.000				
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649	2	11	22	3620.	3620.	54.74
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653	2	10	25	3620.	3620.	85.98
85.98		9.000				
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5.133		9.000				



655	2	9	26	3620.	3620.	91.12
91.12		9.000				
656	2	9	27	3620.	3620.	65.23
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657	2	8	27	3620.	3620.	25.89
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91.12		9.000				
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660	2	7	29	3620.	3620.	46.65
46.65		9.000				
661	2	7	30	3620.	3620.	91.12
91.12		9.000				
662	2	7	31	3620.	3620.	23.71
23.71		9.000				
663	2	6	31	2058.	2058.	36.14
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664	2	39	93	2378.	2378.	51.90
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665	2	40	93	3620.	3620.	79.01
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667	2	42	93	3620.	3620.	79.01
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668	2	43	93	3620.	3620.	79.01
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670	2	45	93	3620.	3620.	79.01
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671	2	46	93	3620.	3620.	79.01
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673	2	47	94	3620.	3620.	45.13
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674	2	48	94	3620.	3620.	79.01
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685	2	59	94	3620.	3620.	79.01
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686	2	60	94	3620.	3620.	78.65
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690	2	64	94	3620.	3620.	53.72
53.72		10.00				
691	2	65	94	3620.	3620.	48.84
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692	2	66	94	3620.	3620.	44.40
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693	2	67	94	3620.	3620.	40.36
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694	2	68	94	3620.	3620.	36.69
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695	2	69	94	3620.	3620.	33.36
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696	2	70	94	3620.	3620.	30.32
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697	2	71	94	3620.	3620.	27.57
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698	2	72	94	3620.	3620.	25.06
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699	2	73	94	3620.	3620.	27.57
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700	2	74	94	3620.	3620.	30.32
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701	2	75	94	3620.	3620.	33.36
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712	2	85	93	3620.	3620.	78.73
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713	2	86	93	3620.	3620.	78.73
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714	2	87	93	3620.	3620.	78.73
78.73		10.00				



715	2	88	93	3620.	3620.	78.73
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720	2	93	93	3620.	3620.	78.73
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721	2	94	93	3620.	3620.	78.73
78.73		10.00				
722	2	95	93	3620.	3620.	78.73
78.73		10.00				
723	2	96	93	3620.	3620.	78.73
78.73		10.00				
724	2	97	93	3620.	3620.	74.55
74.55		10.00				
725	2	97	92	3620.	3620.	4.173
4.173		10.00				
726	2	98	92	3620.	3620.	78.73
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727	2	99	92	3620.	3620.	78.73
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729	2	101	92	3620.	3620.	78.73
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730	2	102	92	3620.	3620.	82.10
82.10		10.00				
731	2	103	92	3620.	3620.	82.86
82.86		10.00				
732	2	103	91	3620.	3620.	5.942
5.942		10.00				
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734	2	105	91	3620.	3620.	72.94
72.94		10.00				
735	2	105	90	3620.	3620.	15.86
15.86		10.00				
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737	2	107	90	3620.	3620.	63.02
63.02		10.00				
738	2	107	89	3620.	3620.	25.79
25.79		10.00				
739	2	108	89	3620.	3620.	88.80
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740	2	109	89	3620.	3620.	53.10
53.10		10.00				
741	2	109	88	3620.	3620.	35.71
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742	2	110	88	3620.	3620.	88.80
88.80		10.00				
743	2	111	88	3620.	3620.	43.18
43.18		10.00				
744	2	111	87	3620.	3620.	45.63
45.63		10.00				



745	2	112	87	3620.	3620.	88.80
88.80		10.00				
746	2	113	87	3620.	3620.	33.25
33.25		10.00				
747	2	113	86	3620.	3620.	55.55
55.55		10.00				
748	2	114	86	3620.	3620.	88.80
88.80		10.00				
749	2	115	86	3620.	3620.	23.33
23.33		10.00				
750	2	115	85	3620.	3620.	65.47
65.47		10.00				
751	2	116	85	3620.	3620.	88.80
88.80		10.00				
752	2	117	85	3620.	3620.	13.41
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753	2	117	84	3620.	3620.	75.39
75.39		10.00				
754	2	118	84	3620.	3620.	88.80
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755	2	119	84	3620.	3620.	3.489
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756	2	119	83	3620.	3620.	85.31
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757	2	120	83	3620.	3620.	82.37
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760	2	122	82	3620.	3620.	72.45
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761	2	122	81	3620.	3620.	16.35
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762	2	123	81	3620.	3620.	88.80
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763	2	124	81	3620.	3620.	62.53
62.53		10.00				
764	2	124	80	3620.	3620.	26.28
26.28		10.00				
765	2	125	80	3620.	3620.	97.33
97.33		10.00				
766	2	125	79	3620.	3620.	75.99
75.99		10.00				
767	2	126	79	3620.	3620.	4.733
4.733		10.00				
768	2	126	78	3620.	3620.	80.72
80.72		10.00				
769	2	126	77	3620.	3620.	80.72
80.72		10.00				
770	2	126	76	3620.	3620.	80.72
80.72		10.00				
771	2	126	75	3620.	3620.	73.68
73.68		10.00				
772	2	127	75	3620.	3620.	7.044
7.044		10.00				
773	2	127	74	3620.	3620.	80.72
80.72		10.00				
774	2	127	73	3620.	3620.	80.72
80.72		10.00				



775	2	127	72	3620.	3620.	80.72
80.72		10.00				
776	2	127	71	3620.	3620.	71.37
71.37		10.00				
777	2	128	71	3620.	3620.	9.355
9.355		10.00				
778	2	128	70	3620.	3620.	80.72
80.72		10.00				
779	2	128	69	3620.	3620.	80.72
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780	2	128	68	3620.	3620.	80.72
80.72		10.00				
781	2	128	67	3620.	3620.	69.06
69.06		10.00				
782	2	129	67	3620.	3620.	11.67
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783	2	129	66	3620.	3620.	80.72
80.72		10.00				
784	2	129	65	3620.	3620.	80.72
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785	2	129	64	3620.	3620.	80.72
80.72		10.00				
786	2	129	63	3620.	3620.	66.74
66.74		10.00				
787	2	130	63	3620.	3620.	13.98
13.98		10.00				
788	2	130	62	3620.	3620.	80.72
80.72		10.00				
789	2	130	61	3620.	3620.	80.72
80.72		10.00				
790	2	130	60	3620.	3620.	80.72
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791	2	130	59	3620.	3620.	64.43
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792	2	131	59	3620.	3620.	9.137
9.137		10.00				
793	2	131	58	3620.	3620.	66.88
66.88		10.00				
794	2	131	57	3620.	3620.	60.80
60.80		10.00				
795	2	131	56	3620.	3620.	55.27
55.27		10.00				
796	2	131	55	3620.	3620.	50.25
50.25		10.00				
797	2	131	54	3620.	3620.	45.68
45.68		10.00				
798	2	131	53	3620.	3620.	32.55
32.55		10.00				
799	2	132	53	3620.	3620.	8.979
8.979		10.00				
800	2	132	52	3620.	3620.	37.75
37.75		10.00				
801	2	132	51	3620.	3620.	34.42
34.42		10.00				
802	2	132	50	3620.	3620.	31.40
31.40		10.00				
803	2	132	49	3620.	3620.	13.39
13.39		10.00				
804	2	131	49	3620.	3620.	15.16
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808	2	131	45	3620.	3620.	34.54
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809	2	131	44	3620.	3620.	38.00
38.00		10.00				
810	2	131	43	3620.	3620.	41.80
41.80		10.00				
811	2	131	42	3620.	3620.	45.98
45.98		10.00				
812	2	131	41	3620.	3620.	31.29
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813	2	130	41	3620.	3620.	19.29
19.29		10.00				
814	2	130	40	3620.	3620.	55.63
55.63		10.00				
815	2	130	39	3620.	3620.	61.19
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816	2	130	38	3620.	3620.	67.31
67.31		10.00				
817	2	130	37	3620.	3620.	74.04
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818	2	130	36	3620.	3620.	15.18
15.18		10.00				
819	2	129	36	3620.	3620.	66.26
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820	2	129	35	3620.	3620.	82.56
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822	2	129	33	3620.	3620.	61.26
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832	2	126	26	3620.	3620.	13.94
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835	2	126	23	3620.	3620.	82.56
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841	2	124	19	3620.	3620.	49.74
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842	2	123	19	3620.	3620.	88.86
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843	2	122	19	3620.	3620.	31.39
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57.47		10.00				
845	2	121	18	3620.	3620.	88.86
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847	2	120	17	3620.	3620.	65.21
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851	2	117	16	3620.	3620.	88.86
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858	2	113	13	3620.	3620.	7.271
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860	2	111	13	3620.	3620.	73.86
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861	2	111	12	3620.	3620.	15.00
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871	2	105	9	3620.	3620.	38.20
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872	2	104	9	3620.	3620.	88.86
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960	3	32	91	3620.	3620.	12.13
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962	3	33	92	897.8	897.8	20.81
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63.10		13.00				
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985	3	91	7	3620.	3620.	79.42
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995	3	82	6	3620.	3620.	64.36
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998	3	80	5	3620.	3620.	54.19
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1003	3	75	5	3620.	3620.	33.65
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1004	3	74	5	3620.	3620.	30.59
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1006	3	72	5	3620.	3620.	25.28
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1019	3	60	5	3620.	3620.	78.66
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1269	3	126	25	3620.	3620.	82.56
82.56		15.00				
1270	3	126	24	3620.	3620.	82.56
82.56		15.00				
1271	3	126	23	3620.	3620.	82.56
82.56		15.00				
1272	3	126	22	3620.	3620.	31.02
31.02		15.00				
1273	3	125	22	3620.	3620.	51.55
51.55		15.00				
1274	3	125	21	3620.	3620.	82.56
82.56		15.00				
1275	3	125	20	3620.	3620.	80.96
80.96		15.00				
1276	3	124	20	3620.	3620.	39.12
39.12		15.00				
1277	3	124	19	3620.	3620.	49.74
49.74		15.00				
1278	3	123	19	3620.	3620.	88.86
88.86		15.00				
1279	3	122	19	3620.	3620.	31.39
31.39		15.00				
1280	3	122	18	3620.	3620.	57.47
57.47		15.00				
1281	3	121	18	3620.	3620.	88.86
88.86		15.00				
1282	3	120	18	3620.	3620.	23.66
23.66		15.00				
1283	3	120	17	3620.	3620.	65.21
65.21		15.00				
1284	3	119	17	3620.	3620.	88.86
88.86		15.00				



1285	3	118	17	3620.	3620.	15.93
15.93		15.00				
1286	3	118	16	3620.	3620.	72.94
72.94		15.00				
1287	3	117	16	3620.	3620.	88.86
88.86		15.00				
1288	3	116	16	3620.	3620.	8.193
8.193		15.00				
1289	3	116	15	3620.	3620.	80.67
80.67		15.00				
1290	3	115	15	3620.	3620.	88.86
88.86		15.00				
1291	3	114	15	3620.	3620.	0.4612
0.4612		15.00				
1292	3	114	14	3620.	3620.	88.40
88.40		15.00				
1293	3	113	14	3620.	3620.	81.59
81.59		15.00				
1294	3	113	13	3620.	3620.	7.271
7.271		15.00				
1295	3	112	13	3620.	3620.	88.86
88.86		15.00				
1296	3	111	13	3620.	3620.	73.86
73.86		15.00				
1297	3	111	12	3620.	3620.	15.00
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88.86		15.00				
1299	3	109	12	3620.	3620.	66.13
66.13		15.00				
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22.74		15.00				
1301	3	108	11	2408.	2408.	59.10
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30.47		16.00				
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88.86		16.00				
1306	3	105	10	3620.	3620.	50.67
50.67		16.00				
1307	3	105	9	3620.	3620.	38.20
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88.86		16.00				
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6.558		16.00				
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27.42		17.00				
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77.18		17.00				
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2.719		17.00				
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79.90		17.00				



1315	4	7	35	3620.	3620.	79.90
79.90		17.00				
1316	4	7	36	3620.	3620.	78.82
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71.66		17.00				
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36.77		17.00				
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27.63		17.00				
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27.63		17.00				
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11.99		17.00				
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33.43		17.00				
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36.77		17.00				
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44.49		17.00				
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48.94		17.00				
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78.62		17.00				
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78.62		17.00				
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78.62		17.00				



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78.62		17.00				
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78.62		17.00				
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10.94		17.00				
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1362	4	13	76	3620.	3620.	61.70
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1363	4	14	76	3620.	3620.	59.20
59.20		17.00				
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44.17		17.00				
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76.74		17.00				
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26.63		17.00				
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94.27		17.00				
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9.095		17.00				
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43.51		17.00				



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10.29		17.00				
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22.94		17.00				
1393	4	30	90	3620.	3620.	97.96
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1394	4	30	91	3620.	3620.	5.405
5.405		17.00				
1395	4	31	91	3620.	3620.	103.4
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1396	4	32	91	3620.	3620.	12.13
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91.24		17.00				
1398	4	33	92	897.8	897.8	20.81
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1399	4	33	92	2722.	2722.	63.10
63.10		18.00				
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13.61		18.00				
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79.01		18.00				
1403	4	36	93	3620.	3620.	79.01
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79.01		18.00				



1405	4	38	93	3620.	3620.	79.01
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79.42		19.00				
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79.42		19.00				
1429	4	84	6	3620.	3620.	79.34
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1430	4	83	6	3620.	3620.	72.13
72.13		19.00				
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1.216		19.00				
1433	4	81	5	3620.	3620.	59.61
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54.19		19.00				



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49.27		19.00				
1436	4	78	5	3620.	3620.	44.79
44.79		19.00				
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37.97		19.00				
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88.82		19.00				
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88.82		19.00				
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88.82		19.00				
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88.82		19.00				
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7.787		19.00				
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86.88		19.00				
1512	4	15	17	3620.	3620.	7.533
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83.58		19.00				
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1515	4	13	18	3620.	3620.	13.22
13.22		19.00				
1516	4	13	19	3620.	3620.	91.12
91.12		19.00				
1517	4	13	20	3620.	3620.	57.14
57.14		19.00				
1518	4	12	20	3620.	3620.	33.98
33.98		19.00				
1519	4	12	21	3620.	3620.	91.12
91.12		19.00				
1520	4	12	22	3620.	3620.	36.38
36.38		19.00				
1521	4	11	22	3620.	3620.	54.74
54.74		19.00				
1522	4	11	23	3620.	3620.	91.12
91.12		19.00				
1523	4	11	24	3620.	3620.	15.62
15.62		19.00				
1524	4	10	24	3620.	3620.	75.49
75.49		19.00				



1525	4	10	25	3620.	3620.	85.98
85.98		19.00				
1526	4	9	25	3620.	3620.	5.133
5.133		19.00				
1527	4	9	26	3620.	3620.	91.12
91.12		19.00				
1528	4	9	27	3620.	3620.	65.23
65.23		19.00				
1529	4	8	27	3620.	3620.	25.89
25.89		19.00				
1530	4	8	28	3620.	3620.	91.12
91.12		19.00				
1531	4	8	29	3620.	3620.	44.47
44.47		19.00				
1532	4	7	29	3620.	3620.	46.65
46.65		19.00				
1533	4	7	30	3620.	3620.	91.12
91.12		19.00				
1534	4	7	31	3620.	3620.	23.71
23.71		19.00				
1535	4	6	31	2058.	2058.	36.14
36.14		19.00				
1536	4	39	93	2378.	2378.	51.90
51.90		20.00				
1537	4	40	93	3620.	3620.	79.01
79.01		20.00				
1538	4	41	93	3620.	3620.	79.01
79.01		20.00				
1539	4	42	93	3620.	3620.	79.01
79.01		20.00				
1540	4	43	93	3620.	3620.	79.01
79.01		20.00				
1541	4	44	93	3620.	3620.	79.01
79.01		20.00				
1542	4	45	93	3620.	3620.	79.01
79.01		20.00				
1543	4	46	93	3620.	3620.	79.01
79.01		20.00				
1544	4	47	93	3620.	3620.	33.88
33.88		20.00				
1545	4	47	94	3620.	3620.	45.13
45.13		20.00				
1546	4	48	94	3620.	3620.	79.01
79.01		20.00				
1547	4	49	94	3620.	3620.	79.01
79.01		20.00				
1548	4	50	94	3620.	3620.	79.01
79.01		20.00				
1549	4	51	94	3620.	3620.	79.01
79.01		20.00				
1550	4	52	94	3620.	3620.	79.01
79.01		20.00				
1551	4	53	94	3620.	3620.	79.01
79.01		20.00				
1552	4	54	94	3620.	3620.	79.01
79.01		20.00				
1553	4	55	94	3620.	3620.	79.01
79.01		20.00				
1554	4	56	94	3620.	3620.	79.01
79.01		20.00				



1555	4	57	94	3620.	3620.	79.01
79.01		20.00				
1556	4	58	94	3620.	3620.	79.01
79.01		20.00				
1557	4	59	94	3620.	3620.	79.01
79.01		20.00				
1558	4	60	94	3620.	3620.	78.65
78.65		20.00				
1559	4	61	94	3620.	3620.	71.50
71.50		20.00				
1560	4	62	94	3620.	3620.	65.00
65.00		20.00				
1561	4	63	94	3620.	3620.	59.09
59.09		20.00				
1562	4	64	94	3620.	3620.	53.72
53.72		20.00				
1563	4	65	94	3620.	3620.	48.84
48.84		20.00				
1564	4	66	94	3620.	3620.	44.40
44.40		20.00				
1565	4	67	94	3620.	3620.	40.36
40.36		20.00				
1566	4	68	94	3620.	3620.	36.69
36.69		20.00				
1567	4	69	94	3620.	3620.	33.36
33.36		20.00				
1568	4	70	94	3620.	3620.	30.32
30.32		20.00				
1569	4	71	94	3620.	3620.	27.57
27.57		20.00				
1570	4	72	94	3620.	3620.	25.06
25.06		20.00				
1571	4	73	94	3620.	3620.	27.57
27.57		20.00				
1572	4	74	94	3620.	3620.	30.32
30.32		20.00				
1573	4	75	94	3620.	3620.	33.36
33.36		20.00				
1574	4	76	94	3620.	3620.	36.69
36.69		20.00				
1575	4	77	94	3620.	3620.	40.36
40.36		20.00				
1576	4	78	94	3620.	3620.	44.40
44.40		20.00				
1577	4	79	94	3620.	3620.	48.84
48.84		20.00				
1578	4	80	94	3620.	3620.	53.72
53.72		20.00				
1579	4	81	94	3620.	3620.	59.09
59.09		20.00				
1580	4	82	94	3620.	3620.	65.00
65.00		20.00				
1581	4	83	94	3620.	3620.	39.58
39.58		20.00				
1582	4	83	93	3620.	3620.	31.92
31.92		20.00				
1583	4	84	93	3620.	3620.	78.65
78.65		20.00				
1584	4	85	93	3620.	3620.	78.73
78.73		20.00				



1585	4	86	93	3620.	3620.	78.73
78.73		20.00				
1586	4	87	93	3620.	3620.	78.73
78.73		20.00				
1587	4	88	93	3620.	3620.	78.73
78.73		20.00				
1588	4	89	93	3620.	3620.	78.73
78.73		20.00				
1589	4	90	93	3620.	3620.	78.73
78.73		20.00				
1590	4	91	93	3620.	3620.	78.73
78.73		20.00				
1591	4	92	93	3620.	3620.	78.73
78.73		20.00				
1592	4	93	93	3620.	3620.	78.73
78.73		20.00				
1593	4	94	93	3620.	3620.	78.73
78.73		20.00				
1594	4	95	93	3620.	3620.	78.73
78.73		20.00				
1595	4	96	93	3620.	3620.	78.73
78.73		20.00				
1596	4	97	93	3620.	3620.	74.55
74.55		20.00				
1597	4	97	92	3620.	3620.	4.173
4.173		20.00				
1598	4	98	92	3620.	3620.	78.73
78.73		20.00				
1599	4	99	92	3620.	3620.	78.73
78.73		20.00				
1600	4	100	92	3620.	3620.	78.73
78.73		20.00				
1601	4	101	92	3620.	3620.	78.73
78.73		20.00				
1602	4	102	92	3620.	3620.	82.10
82.10		20.00				
1603	4	103	92	3620.	3620.	82.86
82.86		20.00				
1604	4	103	91	3620.	3620.	5.942
5.942		20.00				
1605	4	104	91	3620.	3620.	88.80
88.80		20.00				
1606	4	105	91	3620.	3620.	72.94
72.94		20.00				
1607	4	105	90	3620.	3620.	15.86
15.86		20.00				
1608	4	106	90	3620.	3620.	88.80
88.80		20.00				
1609	4	107	90	3620.	3620.	63.02
63.02		20.00				
1610	4	107	89	3620.	3620.	25.79
25.79		20.00				
1611	4	108	89	3620.	3620.	88.80
88.80		20.00				
1612	4	109	89	3620.	3620.	53.10
53.10		20.00				
1613	4	109	88	3620.	3620.	35.71
35.71		20.00				
1614	4	110	88	3620.	3620.	88.80
88.80		20.00				



1615	4	111	88	3620.	3620.	43.18
43.18		20.00				
1616	4	111	87	3620.	3620.	45.63
45.63		20.00				
1617	4	112	87	3620.	3620.	88.80
88.80		20.00				
1618	4	113	87	3620.	3620.	33.25
33.25		20.00				
1619	4	113	86	3620.	3620.	55.55
55.55		20.00				
1620	4	114	86	3620.	3620.	88.80
88.80		20.00				
1621	4	115	86	3620.	3620.	23.33
23.33		20.00				
1622	4	115	85	3620.	3620.	65.47
65.47		20.00				
1623	4	116	85	3620.	3620.	88.80
88.80		20.00				
1624	4	117	85	3620.	3620.	13.41
13.41		20.00				
1625	4	117	84	3620.	3620.	75.39
75.39		20.00				
1626	4	118	84	3620.	3620.	88.80
88.80		20.00				
1627	4	119	84	3620.	3620.	3.489
3.489		20.00				
1628	4	119	83	3620.	3620.	85.31
85.31		20.00				
1629	4	120	83	3620.	3620.	82.37
82.37		20.00				
1630	4	120	82	3620.	3620.	6.433
6.433		20.00				
1631	4	121	82	3620.	3620.	88.80
88.80		20.00				
1632	4	122	82	3620.	3620.	72.45
72.45		20.00				
1633	4	122	81	3620.	3620.	16.35
16.35		20.00				
1634	4	123	81	3620.	3620.	88.80
88.80		20.00				
1635	4	124	81	3620.	3620.	62.53
62.53		20.00				
1636	4	124	80	3620.	3620.	26.28
26.28		20.00				
1637	4	125	80	3620.	3620.	97.33
97.33		20.00				
1638	4	125	79	3620.	3620.	75.99
75.99		20.00				
1639	4	126	79	3620.	3620.	4.733
4.733		20.00				
1640	4	126	78	3620.	3620.	80.72
80.72		20.00				
1641	4	126	77	3620.	3620.	80.72
80.72		20.00				
1642	4	126	76	3620.	3620.	80.72
80.72		20.00				
1643	4	126	75	3620.	3620.	73.68
73.68		20.00				
1644	4	127	75	3620.	3620.	7.044
7.044		20.00				



1645	4	127	74	3620.	3620.	80.72
80.72		20.00				
1646	4	127	73	3620.	3620.	80.72
80.72		20.00				
1647	4	127	72	3620.	3620.	80.72
80.72		20.00				
1648	4	127	71	3620.	3620.	71.37
71.37		20.00				
1649	4	128	71	3620.	3620.	9.355
9.355		20.00				
1650	4	128	70	3620.	3620.	80.72
80.72		20.00				
1651	4	128	69	3620.	3620.	80.72
80.72		20.00				
1652	4	128	68	3620.	3620.	80.72
80.72		20.00				
1653	4	128	67	3620.	3620.	69.06
69.06		20.00				
1654	4	129	67	3620.	3620.	11.67
11.67		20.00				
1655	4	129	66	3620.	3620.	80.72
80.72		20.00				
1656	4	129	65	3620.	3620.	80.72
80.72		20.00				
1657	4	129	64	3620.	3620.	80.72
80.72		20.00				
1658	4	129	63	3620.	3620.	66.74
66.74		20.00				
1659	4	130	63	3620.	3620.	13.98
13.98		20.00				
1660	4	130	62	3620.	3620.	80.72
80.72		20.00				
1661	4	130	61	3620.	3620.	80.72
80.72		20.00				
1662	4	130	60	3620.	3620.	80.72
80.72		20.00				
1663	4	130	59	3620.	3620.	64.43
64.43		20.00				
1664	4	131	59	3620.	3620.	9.137
9.137		20.00				
1665	4	131	58	3620.	3620.	66.88
66.88		20.00				
1666	4	131	57	3620.	3620.	60.80
60.80		20.00				
1667	4	131	56	3620.	3620.	55.27
55.27		20.00				
1668	4	131	55	3620.	3620.	50.25
50.25		20.00				
1669	4	131	54	3620.	3620.	45.68
45.68		20.00				
1670	4	131	53	3620.	3620.	32.55
32.55		20.00				
1671	4	132	53	3620.	3620.	8.979
8.979		20.00				
1672	4	132	52	3620.	3620.	37.75
37.75		20.00				
1673	4	132	51	3620.	3620.	34.42
34.42		20.00				
1674	4	132	50	3620.	3620.	31.40
31.40		20.00				



1675	4	132	49	3620.	3620.	13.39
13.39		20.00				
1676	4	131	49	3620.	3620.	15.16
15.16		20.00				
1677	4	131	48	3620.	3620.	25.95
25.95		20.00				
1678	4	131	47	3620.	3620.	28.55
28.55		20.00				
1679	4	131	46	3620.	3620.	31.40
31.40		20.00				
1680	4	131	45	3620.	3620.	34.54
34.54		20.00				
1681	4	131	44	3620.	3620.	38.00
38.00		20.00				
1682	4	131	43	3620.	3620.	41.80
41.80		20.00				
1683	4	131	42	3620.	3620.	45.98
45.98		20.00				
1684	4	131	41	3620.	3620.	31.29
31.29		20.00				
1685	4	130	41	3620.	3620.	19.29
19.29		20.00				
1686	4	130	40	3620.	3620.	55.63
55.63		20.00				
1687	4	130	39	3620.	3620.	61.19
61.19		20.00				
1688	4	130	38	3620.	3620.	67.31
67.31		20.00				
1689	4	130	37	3620.	3620.	74.04
74.04		20.00				
1690	4	130	36	3620.	3620.	15.18
15.18		20.00				
1691	4	129	36	3620.	3620.	66.26
66.26		20.00				
1692	4	129	35	3620.	3620.	82.56
82.56		20.00				
1693	4	129	34	3620.	3620.	82.56
82.56		20.00				
1694	4	129	33	3620.	3620.	61.26
61.26		20.00				
1695	4	128	33	3620.	3620.	21.30
21.30		20.00				
1696	4	128	32	3620.	3620.	82.56
82.56		20.00				
1697	4	128	31	3620.	3620.	82.56
82.56		20.00				
1698	4	128	30	3620.	3620.	82.56
82.56		20.00				
1699	4	128	29	3620.	3620.	23.66
23.66		20.00				
1700	4	127	29	3620.	3620.	58.91
58.91		20.00				
1701	4	127	28	3620.	3620.	82.56
82.56		20.00				
1702	4	127	27	3620.	3620.	82.56
82.56		20.00				
1703	4	127	26	3620.	3620.	68.62
68.62		20.00				
1704	4	126	26	3620.	3620.	13.94
13.94		20.00				



1705	4	126	25	3620.	3620.	82.56
82.56		20.00				
1706	4	126	24	3620.	3620.	82.56
82.56		20.00				
1707	4	126	23	3620.	3620.	82.56
82.56		20.00				
1708	4	126	22	3620.	3620.	31.02
31.02		20.00				
1709	4	125	22	3620.	3620.	51.55
51.55		20.00				
1710	4	125	21	3620.	3620.	82.56
82.56		20.00				
1711	4	125	20	3620.	3620.	80.96
80.96		20.00				
1712	4	124	20	3620.	3620.	39.12
39.12		20.00				
1713	4	124	19	3620.	3620.	49.74
49.74		20.00				
1714	4	123	19	3620.	3620.	88.86
88.86		20.00				
1715	4	122	19	3620.	3620.	31.39
31.39		20.00				
1716	4	122	18	3620.	3620.	57.47
57.47		20.00				
1717	4	121	18	3620.	3620.	88.86
88.86		20.00				
1718	4	120	18	3620.	3620.	23.66
23.66		20.00				
1719	4	120	17	3620.	3620.	65.21
65.21		20.00				
1720	4	119	17	3620.	3620.	88.86
88.86		20.00				
1721	4	118	17	3620.	3620.	15.93
15.93		20.00				
1722	4	118	16	3620.	3620.	72.94
72.94		20.00				
1723	4	117	16	3620.	3620.	88.86
88.86		20.00				
1724	4	116	16	3620.	3620.	8.193
8.193		20.00				
1725	4	116	15	3620.	3620.	80.67
80.67		20.00				
1726	4	115	15	3620.	3620.	88.86
88.86		20.00				
1727	4	114	15	3620.	3620.	0.4612
0.4612		20.00				
1728	4	114	14	3620.	3620.	88.40
88.40		20.00				
1729	4	113	14	3620.	3620.	81.59
81.59		20.00				
1730	4	113	13	3620.	3620.	7.271
7.271		20.00				
1731	4	112	13	3620.	3620.	88.86
88.86		20.00				
1732	4	111	13	3620.	3620.	73.86
73.86		20.00				
1733	4	111	12	3620.	3620.	15.00
15.00		20.00				
1734	4	110	12	3620.	3620.	88.86
88.86		20.00				



1735	4	109	12	3620.	3620.	66.13
66.13		20.00				
1736	4	109	11	3620.	3620.	22.74
22.74		20.00				
1737	4	108	11	2408.	2408.	59.10
59.10		20.00				
1738	4	108	11	1212.	1212.	29.76
29.76		21.00				
1739	4	107	11	3620.	3620.	58.40
58.40		21.00				
1740	4	107	10	3620.	3620.	30.47
30.47		21.00				
1741	4	106	10	3620.	3620.	88.86
88.86		21.00				
1742	4	105	10	3620.	3620.	50.67
50.67		21.00				
1743	4	105	9	3620.	3620.	38.20
38.20		21.00				
1744	4	104	9	3620.	3620.	88.86
88.86		21.00				
1745	4	103	9	296.3	296.3	6.558
6.558		21.00				

## 1745 TIME-VARIANT SPECIFIED-HEAD CELLS

## SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 1 LAYER= 1 STEP= 1 PERIOD= 1  
(ROW,COL)

38)	DRY( 26, 38)	DRY( 26, 39)	DRY( 28, 38)	DRY( 28, 40)	DRY( 29,
34)	DRY( 33, 33)	DRY( 33, 34)	DRY( 34, 32)	DRY( 34, 33)	DRY( 34,
35)	DRY( 34, 35)	DRY( 35, 32)	DRY( 35, 33)	DRY( 35, 34)	DRY( 35,
35)	DRY( 35, 36)	DRY( 36, 32)	DRY( 36, 33)	DRY( 36, 34)	DRY( 36,
40)	DRY( 36, 36)	DRY( 36, 37)	DRY( 36, 38)	DRY( 36, 39)	DRY( 36,
35)	DRY( 36, 41)	DRY( 37, 32)	DRY( 37, 33)	DRY( 37, 34)	DRY( 37,
40)	DRY( 37, 36)	DRY( 37, 37)	DRY( 37, 38)	DRY( 37, 39)	DRY( 37,
34)	DRY( 37, 41)	DRY( 37, 42)	DRY( 37, 43)	DRY( 38, 25)	DRY( 38,
39)	DRY( 38, 35)	DRY( 38, 36)	DRY( 38, 37)	DRY( 38, 38)	DRY( 38,
44)	DRY( 38, 40)	DRY( 38, 41)	DRY( 38, 42)	DRY( 38, 43)	DRY( 38,
36)	DRY( 38, 45)	DRY( 39, 24)	DRY( 39, 25)	DRY( 39, 35)	DRY( 39,
41)	DRY( 39, 37)	DRY( 39, 38)	DRY( 39, 39)	DRY( 39, 40)	DRY( 39,
46)	DRY( 39, 42)	DRY( 39, 43)	DRY( 39, 44)	DRY( 39, 45)	DRY( 39,
37)	DRY( 40, 24)	DRY( 40, 31)	DRY( 40, 35)	DRY( 40, 36)	DRY( 40,
42)	DRY( 40, 38)	DRY( 40, 39)	DRY( 40, 40)	DRY( 40, 41)	DRY( 40,



24)	DRY( 40, 43)	DRY( 40, 44)	DRY( 40, 45)	DRY( 40, 46)	DRY( 41,
36)	DRY( 41, 30)	DRY( 41, 31)	DRY( 41, 32)	DRY( 41, 35)	DRY( 41,
41)	DRY( 41, 37)	DRY( 41, 38)	DRY( 41, 39)	DRY( 41, 40)	DRY( 41,
23)	DRY( 41, 42)	DRY( 41, 43)	DRY( 41, 44)	DRY( 41, 45)	DRY( 42,
34)	DRY( 42, 29)	DRY( 42, 30)	DRY( 42, 31)	DRY( 42, 32)	DRY( 42,
39)	DRY( 42, 35)	DRY( 42, 36)	DRY( 42, 37)	DRY( 42, 38)	DRY( 42,
44)	DRY( 42, 40)	DRY( 42, 41)	DRY( 42, 42)	DRY( 42, 43)	DRY( 42,
32)	DRY( 42, 45)	DRY( 43, 29)	DRY( 43, 30)	DRY( 43, 31)	DRY( 43,
37)	DRY( 43, 33)	DRY( 43, 34)	DRY( 43, 35)	DRY( 43, 36)	DRY( 43,
42)	DRY( 43, 38)	DRY( 43, 39)	DRY( 43, 40)	DRY( 43, 41)	DRY( 43,
28)	DRY( 43, 43)	DRY( 43, 44)	DRY( 43, 45)	DRY( 44, 22)	DRY( 44,
33)	DRY( 44, 29)	DRY( 44, 30)	DRY( 44, 31)	DRY( 44, 32)	DRY( 44,
38)	DRY( 44, 34)	DRY( 44, 35)	DRY( 44, 36)	DRY( 44, 37)	DRY( 44,
43)	DRY( 44, 39)	DRY( 44, 40)	DRY( 44, 41)	DRY( 44, 42)	DRY( 44,
28)	DRY( 44, 44)	DRY( 44, 45)	DRY( 44, 46)	DRY( 45, 22)	DRY( 45,
33)	DRY( 45, 29)	DRY( 45, 30)	DRY( 45, 31)	DRY( 45, 32)	DRY( 45,
38)	DRY( 45, 34)	DRY( 45, 35)	DRY( 45, 36)	DRY( 45, 37)	DRY( 45,
43)	DRY( 45, 39)	DRY( 45, 40)	DRY( 45, 41)	DRY( 45, 42)	DRY( 45,
21)	DRY( 45, 44)	DRY( 45, 45)	DRY( 45, 46)	DRY( 45, 47)	DRY( 46,
30)	DRY( 46, 22)	DRY( 46, 27)	DRY( 46, 28)	DRY( 46, 29)	DRY( 46,
35)	DRY( 46, 31)	DRY( 46, 32)	DRY( 46, 33)	DRY( 46, 34)	DRY( 46,
40)	DRY( 46, 36)	DRY( 46, 37)	DRY( 46, 38)	DRY( 46, 39)	DRY( 46,
45)	DRY( 46, 41)	DRY( 46, 42)	DRY( 46, 43)	DRY( 46, 44)	DRY( 46,
22)	DRY( 46, 46)	DRY( 46, 47)	DRY( 46, 48)	DRY( 47, 21)	DRY( 47,
31)	DRY( 47, 27)	DRY( 47, 28)	DRY( 47, 29)	DRY( 47, 30)	DRY( 47,
36)	DRY( 47, 32)	DRY( 47, 33)	DRY( 47, 34)	DRY( 47, 35)	DRY( 47,
41)	DRY( 47, 37)	DRY( 47, 38)	DRY( 47, 39)	DRY( 47, 40)	DRY( 47,
46)	DRY( 47, 42)	DRY( 47, 43)	DRY( 47, 44)	DRY( 47, 45)	DRY( 47,
27)	DRY( 47, 47)	DRY( 47, 48)	DRY( 48, 21)	DRY( 48, 26)	DRY( 48,
32)	DRY( 48, 28)	DRY( 48, 29)	DRY( 48, 30)	DRY( 48, 31)	DRY( 48,



37)	DRY( 48, 33)	DRY( 48, 34)	DRY( 48, 35)	DRY( 48, 36)	DRY( 48,
42)	DRY( 48, 38)	DRY( 48, 39)	DRY( 48, 40)	DRY( 48, 41)	DRY( 48,
47)	DRY( 48, 43)	DRY( 48, 44)	DRY( 48, 45)	DRY( 48, 46)	DRY( 48,
28)	DRY( 48, 48)	DRY( 49, 21)	DRY( 49, 26)	DRY( 49, 27)	DRY( 49,
33)	DRY( 49, 29)	DRY( 49, 30)	DRY( 49, 31)	DRY( 49, 32)	DRY( 49,
38)	DRY( 49, 34)	DRY( 49, 35)	DRY( 49, 36)	DRY( 49, 37)	DRY( 49,
43)	DRY( 49, 39)	DRY( 49, 40)	DRY( 49, 41)	DRY( 49, 42)	DRY( 49,
48)	DRY( 49, 44)	DRY( 49, 45)	DRY( 49, 46)	DRY( 49, 47)	DRY( 49,
28)	DRY( 49, 49)	DRY( 50, 25)	DRY( 50, 26)	DRY( 50, 27)	DRY( 50,
33)	DRY( 50, 29)	DRY( 50, 30)	DRY( 50, 31)	DRY( 50, 32)	DRY( 50,
38)	DRY( 50, 34)	DRY( 50, 35)	DRY( 50, 36)	DRY( 50, 37)	DRY( 50,
43)	DRY( 50, 39)	DRY( 50, 40)	DRY( 50, 41)	DRY( 50, 42)	DRY( 50,
48)	DRY( 50, 44)	DRY( 50, 45)	DRY( 50, 46)	DRY( 50, 47)	DRY( 50,
28)	DRY( 50, 49)	DRY( 51, 25)	DRY( 51, 26)	DRY( 51, 27)	DRY( 51,
33)	DRY( 51, 29)	DRY( 51, 30)	DRY( 51, 31)	DRY( 51, 32)	DRY( 51,
38)	DRY( 51, 34)	DRY( 51, 35)	DRY( 51, 36)	DRY( 51, 37)	DRY( 51,
43)	DRY( 51, 39)	DRY( 51, 40)	DRY( 51, 41)	DRY( 51, 42)	DRY( 51,
48)	DRY( 51, 44)	DRY( 51, 45)	DRY( 51, 46)	DRY( 51, 47)	DRY( 51,
26)	DRY( 51, 49)	DRY( 51, 50)	DRY( 51, 51)	DRY( 52, 25)	DRY( 52,
31)	DRY( 52, 27)	DRY( 52, 28)	DRY( 52, 29)	DRY( 52, 30)	DRY( 52,
36)	DRY( 52, 32)	DRY( 52, 33)	DRY( 52, 34)	DRY( 52, 35)	DRY( 52,
41)	DRY( 52, 37)	DRY( 52, 38)	DRY( 52, 39)	DRY( 52, 40)	DRY( 52,
46)	DRY( 52, 42)	DRY( 52, 43)	DRY( 52, 44)	DRY( 52, 45)	DRY( 52,
51)	DRY( 52, 47)	DRY( 52, 48)	DRY( 52, 49)	DRY( 52, 50)	DRY( 52,
28)	DRY( 52, 52)	DRY( 53, 25)	DRY( 53, 26)	DRY( 53, 27)	DRY( 53,
33)	DRY( 53, 29)	DRY( 53, 30)	DRY( 53, 31)	DRY( 53, 32)	DRY( 53,
38)	DRY( 53, 34)	DRY( 53, 35)	DRY( 53, 36)	DRY( 53, 37)	DRY( 53,
43)	DRY( 53, 39)	DRY( 53, 40)	DRY( 53, 41)	DRY( 53, 42)	DRY( 53,
48)	DRY( 53, 44)	DRY( 53, 45)	DRY( 53, 46)	DRY( 53, 47)	DRY( 53,
53)	DRY( 53, 49)	DRY( 53, 50)	DRY( 53, 51)	DRY( 53, 52)	DRY( 53,



29)	DRY( 54, 25)	DRY( 54, 26)	DRY( 54, 27)	DRY( 54, 28)	DRY( 54,
34)	DRY( 54, 30)	DRY( 54, 31)	DRY( 54, 32)	DRY( 54, 33)	DRY( 54,
39)	DRY( 54, 35)	DRY( 54, 36)	DRY( 54, 37)	DRY( 54, 38)	DRY( 54,
44)	DRY( 54, 40)	DRY( 54, 41)	DRY( 54, 42)	DRY( 54, 43)	DRY( 54,
49)	DRY( 54, 45)	DRY( 54, 46)	DRY( 54, 47)	DRY( 54, 48)	DRY( 54,
21)	DRY( 54, 50)	DRY( 54, 51)	DRY( 54, 52)	DRY( 54, 53)	DRY( 55,
29)	DRY( 55, 25)	DRY( 55, 26)	DRY( 55, 27)	DRY( 55, 28)	DRY( 55,
34)	DRY( 55, 30)	DRY( 55, 31)	DRY( 55, 32)	DRY( 55, 33)	DRY( 55,
39)	DRY( 55, 35)	DRY( 55, 36)	DRY( 55, 37)	DRY( 55, 38)	DRY( 55,
44)	DRY( 55, 40)	DRY( 55, 41)	DRY( 55, 42)	DRY( 55, 43)	DRY( 55,
49)	DRY( 55, 45)	DRY( 55, 46)	DRY( 55, 47)	DRY( 55, 48)	DRY( 55,
25)	DRY( 55, 50)	DRY( 55, 51)	DRY( 56, 21)	DRY( 56, 24)	DRY( 56,
30)	DRY( 56, 26)	DRY( 56, 27)	DRY( 56, 28)	DRY( 56, 29)	DRY( 56,
35)	DRY( 56, 31)	DRY( 56, 32)	DRY( 56, 33)	DRY( 56, 34)	DRY( 56,
40)	DRY( 56, 36)	DRY( 56, 37)	DRY( 56, 38)	DRY( 56, 39)	DRY( 56,
45)	DRY( 56, 41)	DRY( 56, 42)	DRY( 56, 43)	DRY( 56, 44)	DRY( 56,
20)	DRY( 56, 46)	DRY( 56, 47)	DRY( 56, 48)	DRY( 56, 49)	DRY( 57,
26)	DRY( 57, 21)	DRY( 57, 22)	DRY( 57, 24)	DRY( 57, 25)	DRY( 57,
31)	DRY( 57, 27)	DRY( 57, 28)	DRY( 57, 29)	DRY( 57, 30)	DRY( 57,
36)	DRY( 57, 32)	DRY( 57, 33)	DRY( 57, 34)	DRY( 57, 35)	DRY( 57,
41)	DRY( 57, 37)	DRY( 57, 38)	DRY( 57, 39)	DRY( 57, 40)	DRY( 57,
46)	DRY( 57, 42)	DRY( 57, 43)	DRY( 57, 44)	DRY( 57, 45)	DRY( 57,
22)	DRY( 57, 47)	DRY( 57, 48)	DRY( 58, 20)	DRY( 58, 21)	DRY( 58,
27)	DRY( 58, 23)	DRY( 58, 24)	DRY( 58, 25)	DRY( 58, 26)	DRY( 58,
32)	DRY( 58, 28)	DRY( 58, 29)	DRY( 58, 30)	DRY( 58, 31)	DRY( 58,
37)	DRY( 58, 33)	DRY( 58, 34)	DRY( 58, 35)	DRY( 58, 36)	DRY( 58,
42)	DRY( 58, 38)	DRY( 58, 39)	DRY( 58, 40)	DRY( 58, 41)	DRY( 58,
47)	DRY( 58, 43)	DRY( 58, 44)	DRY( 58, 45)	DRY( 58, 46)	DRY( 58,
19)	DRY( 58, 48)	DRY( 58, 59)	DRY( 58, 60)	DRY( 58, 61)	DRY( 59,
24)	DRY( 59, 20)	DRY( 59, 21)	DRY( 59, 22)	DRY( 59, 23)	DRY( 59,



29)	DRY( 59, 25)	DRY( 59, 26)	DRY( 59, 27)	DRY( 59, 28)	DRY( 59,
34)	DRY( 59, 30)	DRY( 59, 31)	DRY( 59, 32)	DRY( 59, 33)	DRY( 59,
39)	DRY( 59, 35)	DRY( 59, 36)	DRY( 59, 37)	DRY( 59, 38)	DRY( 59,
44)	DRY( 59, 40)	DRY( 59, 41)	DRY( 59, 42)	DRY( 59, 43)	DRY( 59,
49)	DRY( 59, 45)	DRY( 59, 46)	DRY( 59, 47)	DRY( 59, 48)	DRY( 59,
63)	DRY( 59, 59)	DRY( 59, 60)	DRY( 59, 61)	DRY( 59, 62)	DRY( 59,
23)	DRY( 60, 19)	DRY( 60, 20)	DRY( 60, 21)	DRY( 60, 22)	DRY( 60,
28)	DRY( 60, 24)	DRY( 60, 25)	DRY( 60, 26)	DRY( 60, 27)	DRY( 60,
33)	DRY( 60, 29)	DRY( 60, 30)	DRY( 60, 31)	DRY( 60, 32)	DRY( 60,
38)	DRY( 60, 34)	DRY( 60, 35)	DRY( 60, 36)	DRY( 60, 37)	DRY( 60,
43)	DRY( 60, 39)	DRY( 60, 40)	DRY( 60, 41)	DRY( 60, 42)	DRY( 60,
48)	DRY( 60, 44)	DRY( 60, 45)	DRY( 60, 46)	DRY( 60, 47)	DRY( 60,
60)	DRY( 60, 49)	DRY( 60, 50)	DRY( 60, 51)	DRY( 60, 59)	DRY( 60,
18)	DRY( 60, 61)	DRY( 60, 62)	DRY( 60, 63)	DRY( 60, 64)	DRY( 61,
23)	DRY( 61, 19)	DRY( 61, 20)	DRY( 61, 21)	DRY( 61, 22)	DRY( 61,
28)	DRY( 61, 24)	DRY( 61, 25)	DRY( 61, 26)	DRY( 61, 27)	DRY( 61,
33)	DRY( 61, 29)	DRY( 61, 30)	DRY( 61, 31)	DRY( 61, 32)	DRY( 61,
38)	DRY( 61, 34)	DRY( 61, 35)	DRY( 61, 36)	DRY( 61, 37)	DRY( 61,
43)	DRY( 61, 39)	DRY( 61, 40)	DRY( 61, 41)	DRY( 61, 42)	DRY( 61,
48)	DRY( 61, 44)	DRY( 61, 45)	DRY( 61, 46)	DRY( 61, 47)	DRY( 61,
59)	DRY( 61, 49)	DRY( 61, 50)	DRY( 61, 51)	DRY( 61, 52)	DRY( 61,
64)	DRY( 61, 60)	DRY( 61, 61)	DRY( 61, 62)	DRY( 61, 63)	DRY( 61,
23)	DRY( 62, 19)	DRY( 62, 20)	DRY( 62, 21)	DRY( 62, 22)	DRY( 62,
28)	DRY( 62, 24)	DRY( 62, 25)	DRY( 62, 26)	DRY( 62, 27)	DRY( 62,
33)	DRY( 62, 29)	DRY( 62, 30)	DRY( 62, 31)	DRY( 62, 32)	DRY( 62,
38)	DRY( 62, 34)	DRY( 62, 35)	DRY( 62, 36)	DRY( 62, 37)	DRY( 62,
43)	DRY( 62, 39)	DRY( 62, 40)	DRY( 62, 41)	DRY( 62, 42)	DRY( 62,
48)	DRY( 62, 44)	DRY( 62, 45)	DRY( 62, 46)	DRY( 62, 47)	DRY( 62,
53)	DRY( 62, 49)	DRY( 62, 50)	DRY( 62, 51)	DRY( 62, 52)	DRY( 62,
63)	DRY( 62, 59)	DRY( 62, 60)	DRY( 62, 61)	DRY( 62, 62)	DRY( 62,



21)	DRY( 62, 64)	DRY( 62, 65)	DRY( 63, 19)	DRY( 63, 20)	DRY( 63,
26)	DRY( 63, 22)	DRY( 63, 23)	DRY( 63, 24)	DRY( 63, 25)	DRY( 63,
31)	DRY( 63, 27)	DRY( 63, 28)	DRY( 63, 29)	DRY( 63, 30)	DRY( 63,
36)	DRY( 63, 32)	DRY( 63, 33)	DRY( 63, 34)	DRY( 63, 35)	DRY( 63,
41)	DRY( 63, 37)	DRY( 63, 38)	DRY( 63, 39)	DRY( 63, 40)	DRY( 63,
46)	DRY( 63, 42)	DRY( 63, 43)	DRY( 63, 44)	DRY( 63, 45)	DRY( 63,
51)	DRY( 63, 47)	DRY( 63, 48)	DRY( 63, 49)	DRY( 63, 50)	DRY( 63,
61)	DRY( 63, 52)	DRY( 63, 53)	DRY( 63, 54)	DRY( 63, 60)	DRY( 63,
66)	DRY( 63, 62)	DRY( 63, 63)	DRY( 63, 64)	DRY( 63, 65)	DRY( 63,
23)	DRY( 64, 19)	DRY( 64, 20)	DRY( 64, 21)	DRY( 64, 22)	DRY( 64,
28)	DRY( 64, 24)	DRY( 64, 25)	DRY( 64, 26)	DRY( 64, 27)	DRY( 64,
33)	DRY( 64, 29)	DRY( 64, 30)	DRY( 64, 31)	DRY( 64, 32)	DRY( 64,
38)	DRY( 64, 34)	DRY( 64, 35)	DRY( 64, 36)	DRY( 64, 37)	DRY( 64,
43)	DRY( 64, 39)	DRY( 64, 40)	DRY( 64, 41)	DRY( 64, 42)	DRY( 64,
48)	DRY( 64, 44)	DRY( 64, 45)	DRY( 64, 46)	DRY( 64, 47)	DRY( 64,
53)	DRY( 64, 49)	DRY( 64, 50)	DRY( 64, 51)	DRY( 64, 52)	DRY( 64,
62)	DRY( 64, 54)	DRY( 64, 55)	DRY( 64, 60)	DRY( 64, 61)	DRY( 64,
20)	DRY( 64, 63)	DRY( 64, 64)	DRY( 64, 65)	DRY( 64, 66)	DRY( 65,
25)	DRY( 65, 21)	DRY( 65, 22)	DRY( 65, 23)	DRY( 65, 24)	DRY( 65,
30)	DRY( 65, 26)	DRY( 65, 27)	DRY( 65, 28)	DRY( 65, 29)	DRY( 65,
35)	DRY( 65, 31)	DRY( 65, 32)	DRY( 65, 33)	DRY( 65, 34)	DRY( 65,
40)	DRY( 65, 36)	DRY( 65, 37)	DRY( 65, 38)	DRY( 65, 39)	DRY( 65,
45)	DRY( 65, 41)	DRY( 65, 42)	DRY( 65, 43)	DRY( 65, 44)	DRY( 65,
50)	DRY( 65, 46)	DRY( 65, 47)	DRY( 65, 48)	DRY( 65, 49)	DRY( 65,
55)	DRY( 65, 51)	DRY( 65, 52)	DRY( 65, 53)	DRY( 65, 54)	DRY( 65,
64)	DRY( 65, 60)	DRY( 65, 61)	DRY( 65, 62)	DRY( 65, 63)	DRY( 65,
22)	DRY( 65, 65)	DRY( 65, 66)	DRY( 66, 20)	DRY( 66, 21)	DRY( 66,
27)	DRY( 66, 23)	DRY( 66, 24)	DRY( 66, 25)	DRY( 66, 26)	DRY( 66,
32)	DRY( 66, 28)	DRY( 66, 29)	DRY( 66, 30)	DRY( 66, 31)	DRY( 66,
37)	DRY( 66, 33)	DRY( 66, 34)	DRY( 66, 35)	DRY( 66, 36)	DRY( 66,



42)	DRY( 66, 38)	DRY( 66, 39)	DRY( 66, 40)	DRY( 66, 41)	DRY( 66,
47)	DRY( 66, 43)	DRY( 66, 44)	DRY( 66, 45)	DRY( 66, 46)	DRY( 66,
52)	DRY( 66, 48)	DRY( 66, 49)	DRY( 66, 50)	DRY( 66, 51)	DRY( 66,
61)	DRY( 66, 53)	DRY( 66, 54)	DRY( 66, 55)	DRY( 66, 56)	DRY( 66,
66)	DRY( 66, 62)	DRY( 66, 63)	DRY( 66, 64)	DRY( 66, 65)	DRY( 66,
28)	DRY( 67, 23)	DRY( 67, 25)	DRY( 67, 26)	DRY( 67, 27)	DRY( 67,
33)	DRY( 67, 29)	DRY( 67, 30)	DRY( 67, 31)	DRY( 67, 32)	DRY( 67,
38)	DRY( 67, 34)	DRY( 67, 35)	DRY( 67, 36)	DRY( 67, 37)	DRY( 67,
43)	DRY( 67, 39)	DRY( 67, 40)	DRY( 67, 41)	DRY( 67, 42)	DRY( 67,
48)	DRY( 67, 44)	DRY( 67, 45)	DRY( 67, 46)	DRY( 67, 47)	DRY( 67,
53)	DRY( 67, 49)	DRY( 67, 50)	DRY( 67, 51)	DRY( 67, 52)	DRY( 67,
63)	DRY( 67, 54)	DRY( 67, 55)	DRY( 67, 56)	DRY( 67, 62)	DRY( 67,
28)	DRY( 67, 64)	DRY( 67, 65)	DRY( 68, 26)	DRY( 68, 27)	DRY( 68,
33)	DRY( 68, 29)	DRY( 68, 30)	DRY( 68, 31)	DRY( 68, 32)	DRY( 68,
38)	DRY( 68, 34)	DRY( 68, 35)	DRY( 68, 36)	DRY( 68, 37)	DRY( 68,
43)	DRY( 68, 39)	DRY( 68, 40)	DRY( 68, 41)	DRY( 68, 42)	DRY( 68,
48)	DRY( 68, 44)	DRY( 68, 45)	DRY( 68, 46)	DRY( 68, 47)	DRY( 68,
53)	DRY( 68, 49)	DRY( 68, 50)	DRY( 68, 51)	DRY( 68, 52)	DRY( 68,
64)	DRY( 68, 54)	DRY( 68, 55)	DRY( 68, 56)	DRY( 68, 63)	DRY( 68,
29)	DRY( 68, 65)	DRY( 69, 26)	DRY( 69, 27)	DRY( 69, 28)	DRY( 69,
34)	DRY( 69, 30)	DRY( 69, 31)	DRY( 69, 32)	DRY( 69, 33)	DRY( 69,
39)	DRY( 69, 35)	DRY( 69, 36)	DRY( 69, 37)	DRY( 69, 38)	DRY( 69,
44)	DRY( 69, 40)	DRY( 69, 41)	DRY( 69, 42)	DRY( 69, 43)	DRY( 69,
53)	DRY( 69, 45)	DRY( 69, 46)	DRY( 69, 51)	DRY( 69, 52)	DRY( 69,
27)	DRY( 69, 54)	DRY( 69, 55)	DRY( 69, 63)	DRY( 70, 26)	DRY( 70,
32)	DRY( 70, 28)	DRY( 70, 29)	DRY( 70, 30)	DRY( 70, 31)	DRY( 70,
37)	DRY( 70, 33)	DRY( 70, 34)	DRY( 70, 35)	DRY( 70, 36)	DRY( 70,
42)	DRY( 70, 38)	DRY( 70, 39)	DRY( 70, 40)	DRY( 70, 41)	DRY( 70,
54)	DRY( 70, 43)	DRY( 70, 44)	DRY( 70, 45)	DRY( 70, 46)	DRY( 70,
30)	DRY( 71, 26)	DRY( 71, 27)	DRY( 71, 28)	DRY( 71, 29)	DRY( 71,



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      DRY( 71, 31)   DRY( 71, 32)   DRY( 71, 33)   DRY( 71, 34)   DRY( 71,
35)
      DRY( 71, 36)   DRY( 71, 37)   DRY( 71, 38)   DRY( 71, 39)   DRY( 71,
40)
      DRY( 71, 41)   DRY( 71, 42)   DRY( 71, 43)   DRY( 71, 44)   DRY( 71,
45)
      DRY( 71, 46)   DRY( 72, 27)   DRY( 72, 28)   DRY( 72, 29)   DRY( 72,
30)
      DRY( 72, 31)   DRY( 72, 32)   DRY( 72, 33)   DRY( 72, 34)   DRY( 72,
35)
      DRY( 72, 36)   DRY( 72, 37)   DRY( 72, 38)   DRY( 72, 39)   DRY( 72,
40)
      DRY( 72, 41)   DRY( 72, 42)   DRY( 72, 43)   DRY( 72, 44)   DRY( 72,
45)
      DRY( 72, 46)   DRY( 73, 27)   DRY( 73, 28)   DRY( 73, 29)   DRY( 73,
30)
      DRY( 73, 31)   DRY( 73, 32)   DRY( 73, 33)   DRY( 73, 35)   DRY( 73,
36)
      DRY( 73, 37)   DRY( 73, 38)   DRY( 73, 39)   DRY( 73, 40)   DRY( 73,
41)
      DRY( 73, 42)   DRY( 73, 43)   DRY( 73, 44)   DRY( 73, 45)   DRY( 73,
46)
      DRY( 74, 27)   DRY( 74, 28)   DRY( 74, 29)   DRY( 74, 30)   DRY( 74,
31)
      DRY( 74, 32)   DRY( 74, 36)   DRY( 74, 37)   DRY( 74, 38)   DRY( 74,
39)
      DRY( 74, 40)   DRY( 74, 41)   DRY( 74, 42)   DRY( 74, 43)   DRY( 74,
44)
      DRY( 74, 45)   DRY( 74, 46)   DRY( 75, 27)   DRY( 75, 28)   DRY( 75,
36)
      DRY( 75, 37)   DRY( 75, 38)   DRY( 75, 39)   DRY( 75, 40)   DRY( 75,
41)
      DRY( 75, 42)   DRY( 75, 43)   DRY( 75, 44)   DRY( 75, 45)   DRY( 75,
46)
      DRY( 76, 37)   DRY( 76, 38)   DRY( 76, 39)   DRY( 76, 40)   DRY( 76,
41)
      DRY( 76, 42)   DRY( 76, 43)   DRY( 76, 44)   DRY( 76, 45)   DRY( 76,
46)
      DRY( 77, 39)   DRY( 77, 40)   DRY( 77, 41)   DRY( 77, 42)   DRY( 77,
43)
      DRY( 77, 44)   DRY( 77, 45)   DRY( 77, 46)   DRY( 78, 42)   DRY( 78,
43)
      DRY( 78, 44)   DRY( 82, 37)   DRY( 83, 37)   DRY( 83, 38)   DRY( 83,
39)
      DRY( 84, 36)   DRY( 84, 37)   DRY( 84, 38)   DRY( 84, 39)   DRY( 84,
40)
      DRY( 85, 37)   DRY( 85, 38)   DRY( 85, 39)   DRY( 85, 40)   DRY( 85,
41)
      DRY( 85, 42)   DRY( 86, 37)   DRY( 86, 38)   DRY( 86, 39)   DRY( 86,
40)
      DRY( 86, 41)   DRY( 86, 42)   DRY( 86, 43)   DRY( 87, 39)   DRY( 87,
40)
      DRY( 87, 41)   DRY( 87, 42)   DRY( 87, 43)   DRY(122, 38)   DRY(122,
39)
      DRY(123, 38)   DRY(123, 39)   DRY(123, 40)   DRY(123, 41)   DRY(123,
42)
      DRY(124, 39)   DRY(124, 40)   DRY(124, 41)   DRY(124, 42)   DRY(124,
43)

```

CELL CONVERSIONS FOR ITER.= 1 LAYER= 2 STEP= 1 PERIOD= 1



(ROW, COL)					
41)	DRY( 48, 30)	DRY( 48, 31)	DRY( 48, 32)	DRY( 48, 33)	DRY( 48,
33)	DRY( 48, 42)	DRY( 49, 30)	DRY( 49, 31)	DRY( 49, 32)	DRY( 49,
31)	DRY( 49, 34)	DRY( 49, 42)	DRY( 49, 43)	DRY( 50, 30)	DRY( 50,
43)	DRY( 50, 32)	DRY( 50, 33)	DRY( 50, 34)	DRY( 50, 42)	DRY( 50,
33)	DRY( 50, 44)	DRY( 51, 30)	DRY( 51, 31)	DRY( 51, 32)	DRY( 51,
45)	DRY( 51, 34)	DRY( 51, 35)	DRY( 51, 43)	DRY( 51, 44)	DRY( 51,
31)	DRY( 51, 46)	DRY( 51, 47)	DRY( 51, 48)	DRY( 52, 30)	DRY( 52,
36)	DRY( 52, 32)	DRY( 52, 33)	DRY( 52, 34)	DRY( 52, 35)	DRY( 52,
29)	DRY( 52, 45)	DRY( 52, 46)	DRY( 52, 47)	DRY( 52, 48)	DRY( 53,
34)	DRY( 53, 30)	DRY( 53, 31)	DRY( 53, 32)	DRY( 53, 33)	DRY( 53,
46)	DRY( 53, 35)	DRY( 53, 36)	DRY( 53, 37)	DRY( 53, 38)	DRY( 53,
29)	DRY( 53, 47)	DRY( 53, 48)	DRY( 53, 49)	DRY( 53, 50)	DRY( 54,
36)	DRY( 54, 30)	DRY( 54, 31)	DRY( 54, 32)	DRY( 54, 35)	DRY( 54,
41)	DRY( 54, 37)	DRY( 54, 38)	DRY( 54, 39)	DRY( 54, 40)	DRY( 54,
46)	DRY( 54, 42)	DRY( 54, 43)	DRY( 54, 44)	DRY( 54, 45)	DRY( 54,
30)	DRY( 54, 47)	DRY( 54, 48)	DRY( 54, 49)	DRY( 55, 29)	DRY( 55,
38)	DRY( 55, 31)	DRY( 55, 32)	DRY( 55, 36)	DRY( 55, 37)	DRY( 55,
43)	DRY( 55, 39)	DRY( 55, 40)	DRY( 55, 41)	DRY( 55, 42)	DRY( 55,
30)	DRY( 55, 44)	DRY( 55, 45)	DRY( 56, 28)	DRY( 56, 29)	DRY( 56,
39)	DRY( 56, 31)	DRY( 56, 32)	DRY( 56, 37)	DRY( 56, 38)	DRY( 56,
44)	DRY( 56, 40)	DRY( 56, 41)	DRY( 56, 42)	DRY( 56, 43)	DRY( 56,
32)	DRY( 57, 28)	DRY( 57, 29)	DRY( 57, 30)	DRY( 57, 31)	DRY( 57,
43)	DRY( 57, 39)	DRY( 57, 40)	DRY( 57, 41)	DRY( 57, 42)	DRY( 57,
31)	DRY( 57, 44)	DRY( 58, 28)	DRY( 58, 29)	DRY( 58, 30)	DRY( 58,
44)	DRY( 58, 32)	DRY( 58, 41)	DRY( 58, 42)	DRY( 58, 43)	DRY( 58,
31)	DRY( 58, 45)	DRY( 59, 28)	DRY( 59, 29)	DRY( 59, 30)	DRY( 59,
46)	DRY( 59, 32)	DRY( 59, 43)	DRY( 59, 44)	DRY( 59, 45)	DRY( 59,
58)	DRY( 59, 47)	DRY( 59, 48)	DRY( 59, 49)	DRY( 59, 57)	DRY( 59,
31)	DRY( 59, 59)	DRY( 59, 60)	DRY( 60, 29)	DRY( 60, 30)	DRY( 60,
	DRY( 60, 32)	DRY( 60, 37)	DRY( 60, 38)	DRY( 60, 39)	DRY( 60,



40)	DRY( 60, 44)	DRY( 60, 45)	DRY( 60, 46)	DRY( 60, 47)	DRY( 60,
48)	DRY( 60, 49)	DRY( 60, 50)	DRY( 60, 51)	DRY( 60, 57)	DRY( 60,
58)	DRY( 60, 59)	DRY( 60, 60)	DRY( 60, 61)	DRY( 61, 29)	DRY( 61,
30)	DRY( 61, 31)	DRY( 61, 32)	DRY( 61, 37)	DRY( 61, 38)	DRY( 61,
39)	DRY( 61, 40)	DRY( 61, 41)	DRY( 61, 42)	DRY( 61, 46)	DRY( 61,
47)	DRY( 61, 48)	DRY( 61, 49)	DRY( 61, 50)	DRY( 61, 51)	DRY( 61,
59)	DRY( 61, 60)	DRY( 61, 61)	DRY( 62, 29)	DRY( 62, 30)	DRY( 62,
31)	DRY( 62, 32)	DRY( 62, 37)	DRY( 62, 38)	DRY( 62, 39)	DRY( 62,
50)	DRY( 62, 61)	DRY( 63, 29)	DRY( 63, 30)	DRY( 63, 31)	DRY( 63,
32)	DRY( 63, 33)	DRY( 63, 37)	DRY( 63, 38)	DRY( 63, 52)	DRY( 64,
31)	DRY( 64, 32)	DRY( 64, 33)	DRY( 64, 42)	DRY( 64, 43)	DRY( 65,
26)	DRY( 65, 27)	DRY( 65, 28)	DRY( 65, 32)	DRY( 65, 33)	DRY( 65,
34)	DRY( 65, 42)	DRY( 65, 43)	DRY( 65, 44)	DRY( 65, 45)	DRY( 65,
46)	DRY( 65, 47)	DRY( 65, 48)	DRY( 65, 49)	DRY( 66, 26)	DRY( 66,
27)	DRY( 66, 28)	DRY( 66, 32)	DRY( 66, 33)	DRY( 66, 34)	DRY( 66,
35)	DRY( 66, 43)	DRY( 66, 44)	DRY( 66, 45)	DRY( 66, 46)	DRY( 66,
47)	DRY( 66, 48)	DRY( 66, 49)	DRY( 66, 50)	DRY( 66, 51)	DRY( 66,
52)	DRY( 66, 53)	DRY( 67, 26)	DRY( 67, 27)	DRY( 67, 28)	DRY( 67,
29)	DRY( 67, 32)	DRY( 67, 33)	DRY( 67, 34)	DRY( 67, 35)	DRY( 67,
36)	DRY( 67, 40)	DRY( 67, 48)	DRY( 67, 49)	DRY( 67, 50)	DRY( 67,
51)	DRY( 67, 52)	DRY( 67, 53)	DRY( 68, 27)	DRY( 68, 28)	DRY( 68,
29)	DRY( 68, 34)	DRY( 68, 35)	DRY( 68, 36)	DRY( 68, 37)	DRY( 68,
40)	DRY( 68, 41)	DRY( 69, 27)	DRY( 69, 28)	DRY( 69, 29)	DRY( 69,
34)	DRY( 69, 35)	DRY( 69, 36)	DRY( 69, 37)	DRY( 69, 38)	DRY( 69,
40)	DRY( 69, 41)	DRY( 70, 27)	DRY( 70, 28)	DRY( 70, 29)	DRY( 70,
34)	DRY( 70, 35)	DRY( 70, 36)	DRY( 70, 37)	DRY( 70, 38)	DRY( 70,
41)	DRY( 70, 42)	DRY( 71, 28)	DRY( 71, 29)	DRY( 71, 35)	DRY( 71,
36)	DRY( 71, 37)	DRY( 71, 38)	DRY( 71, 39)	DRY( 71, 41)	DRY( 71,
42)	DRY( 72, 35)	DRY( 72, 36)	DRY( 72, 37)	DRY( 72, 38)	DRY( 72,
39)	DRY( 72, 42)	DRY( 73, 36)	DRY( 73, 37)	DRY( 73, 38)	DRY( 73,



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39)      DRY( 74, 36)      DRY( 74, 37)      DRY( 74, 39)      DRY( 75, 39)      DRY( 81,
33)      DRY( 81, 34)      DRY( 81, 35)      DRY( 82, 33)      DRY( 82, 34)      DRY( 82,
35)      DRY( 83, 33)      DRY( 83, 34)      DRY( 83, 35)      DRY( 83, 36)      DRY( 84,
34)      DRY( 84, 35)      DRY( 84, 36)      DRY( 85, 35)      DRY( 85, 36)

      CELL CONVERSIONS FOR ITER.= 1  LAYER= 4  STEP= 1  PERIOD= 1
      (ROW,COL)
26)      DRY( 62, 27)      DRY( 62, 28)      DRY( 62, 29)      DRY( 62, 30)      DRY( 63,
31)      DRY( 63, 27)      DRY( 63, 28)      DRY( 63, 29)      DRY( 63, 30)      DRY( 63,
30)      DRY( 64, 26)      DRY( 64, 27)      DRY( 64, 28)      DRY( 64, 29)      DRY( 64,
28)      DRY( 64, 31)      DRY( 64, 32)      DRY( 65, 26)      DRY( 65, 27)      DRY( 65,
33)      DRY( 65, 29)      DRY( 65, 30)      DRY( 65, 31)      DRY( 65, 32)      DRY( 65,
30)      DRY( 66, 26)      DRY( 66, 27)      DRY( 66, 28)      DRY( 66, 29)      DRY( 66,
27)      DRY( 66, 31)      DRY( 66, 32)      DRY( 66, 33)      DRY( 67, 26)      DRY( 67,
32)      DRY( 67, 28)      DRY( 67, 29)      DRY( 67, 30)      DRY( 67, 31)      DRY( 67,
29)      DRY( 67, 33)      DRY( 68, 26)      DRY( 68, 27)      DRY( 68, 28)      DRY( 68,
34)      DRY( 68, 30)      DRY( 68, 31)      DRY( 68, 32)      DRY( 68, 33)      DRY( 68,
31)      DRY( 69, 27)      DRY( 69, 28)      DRY( 69, 29)      DRY( 69, 30)      DRY( 69,
28)      DRY( 69, 32)      DRY( 69, 33)      DRY( 69, 34)      DRY( 70, 27)      DRY( 70,
33)      DRY( 70, 29)      DRY( 70, 30)      DRY( 70, 31)      DRY( 70, 32)      DRY( 70,
30)      DRY( 70, 34)      DRY( 71, 27)      DRY( 71, 28)      DRY( 71, 29)      DRY( 71,
27)      DRY( 71, 31)      DRY( 71, 32)      DRY( 71, 33)      DRY( 71, 34)      DRY( 72,
32)      DRY( 72, 28)      DRY( 72, 29)      DRY( 72, 30)      DRY( 72, 31)      DRY( 72,
29)      DRY( 72, 33)      DRY( 72, 34)      DRY( 73, 27)      DRY( 73, 28)      DRY( 73,
34)      DRY( 73, 30)      DRY( 73, 31)      DRY( 73, 32)      DRY( 73, 33)      DRY( 73,
32)      DRY( 74, 28)      DRY( 74, 29)      DRY( 74, 30)      DRY( 74, 31)      DRY( 74,
31)      DRY( 74, 33)      DRY( 75, 28)      DRY( 75, 29)      DRY( 75, 30)      DRY( 75,
31)      DRY( 75, 32)      DRY( 75, 33)      DRY( 76, 29)      DRY( 76, 30)      DRY( 76,
31)      DRY( 76, 32)      DRY( 76, 33)      DRY( 77, 29)      DRY( 77, 30)      DRY( 77,
40)      DRY( 77, 32)      DRY( 78, 31)      DRY( 87, 33)      DRY( 87, 39)      DRY( 87,
40)      DRY( 87, 41)      DRY( 88, 37)      DRY( 88, 38)      DRY( 88, 39)      DRY( 88,
40)      DRY( 88, 41)      DRY( 88, 42)      DRY( 89, 36)      DRY( 89, 37)      DRY( 89,

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38) DRY( 89, 39) DRY( 89, 40) DRY( 89, 41) DRY( 89, 42) DRY( 89,
43) DRY( 89, 44) DRY( 90, 37) DRY( 90, 38) DRY( 90, 39) DRY( 90,
40) DRY( 90, 41) DRY( 90, 42) DRY( 90, 43) DRY( 90, 44) DRY( 91,
37) DRY( 91, 38) DRY( 91, 39) DRY( 91, 40) DRY( 91, 41) DRY( 91,
42) DRY( 91, 43) DRY( 91, 44) DRY( 91, 45) DRY( 92, 38) DRY( 92,
39) DRY( 92, 40) DRY( 92, 41) DRY( 92, 42) DRY( 92, 43) DRY( 92,
44) DRY( 92, 45) DRY( 93, 39) DRY( 93, 40) DRY( 93, 41) DRY( 93,
42) DRY( 93, 43) DRY( 93, 44) DRY( 93, 45) DRY( 93, 46) DRY( 94,
39) DRY( 94, 40) DRY( 94, 41) DRY( 94, 42) DRY( 94, 43) DRY( 94,
44) DRY( 94, 45) DRY( 94, 46) DRY( 95, 40) DRY( 95, 41) DRY( 95,
42) DRY( 95, 43) DRY( 95, 44) DRY( 95, 45) DRY( 96, 40) DRY( 96,
41) DRY( 96, 42) DRY( 96, 43) DRY( 96, 44) DRY( 96, 45) DRY( 97,
41) DRY( 97, 42) DRY( 97, 43) DRY( 97, 44) DRY( 98, 41) DRY( 98,
42) DRY( 98, 43) DRY( 98, 44) DRY( 98, 45) DRY( 99, 41) DRY( 99,
42) DRY( 99, 43) DRY( 99, 44) DRY( 99, 45) DRY(100, 41) DRY(100,
42) DRY(100, 43) DRY(100, 44) DRY(100, 45) DRY(101, 42) DRY(101,
43) DRY(101, 44) DRY(101, 45) DRY(102, 43) DRY(102, 44) DRY(102,
45)

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OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 1
PRINT BUDGET
SAVE HEAD FOR ALL LAYERS
SAVE BUDGET
UBDSV2 SAVING " CONSTANT HEAD" ON UNIT 740 AT TIME STEP 1, STRESS
PERIOD 1
UBDSV1 SAVING "FLOW RIGHT FACE " ON UNIT 740 AT TIME STEP 1, STRESS
PERIOD 1
UBDSV1 SAVING "FLOW FRONT FACE " ON UNIT 740 AT TIME STEP 1, STRESS
PERIOD 1
UBDSV1 SAVING "FLOW LOWER FACE " ON UNIT 740 AT TIME STEP 1, STRESS
PERIOD 1
UBDSV4 SAVING " WELLS" ON UNIT 740 AT TIME STEP 1, STRESS
PERIOD 1
UBDSV4 SAVING " HEAD DEP BOUNDS" ON UNIT 740 AT TIME STEP 1, STRESS
PERIOD 1

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\*\*\*Link-MT3DMS Package\*\*\*

OPENING LINK-MT3DMS OUTPUT FILE: FINALWALL-LOWK-6-11.hff

ON UNIT NUMBER: 333

FILE TYPE: UNFORMATTED

HEADER OPTION: STANDARD

\*\*\*Link-MT3DMS Package\*\*\*



SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 333 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 1, STRESS PERIOD 1

HEAD WILL BE SAVED ON UNIT 730 AT END OF TIME STEP 1, STRESS PERIOD  
 1  
 1

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

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-----
-----
CUMULATIVE VOLUMES      L**3      RATES FOR THIS TIME STEP
L**3/T
-----
      IN:
      ---
      STORAGE =          0.0000          STORAGE =
0.0000
      CONSTANT HEAD =        0.0000      CONSTANT HEAD =
0.0000
      WELLS =            0.0000          WELLS =
0.0000
      HEAD DEP BOUNDS =    3459.2151      HEAD DEP BOUNDS =
3459.2151
      TOTAL IN =          3459.2151      TOTAL IN =
3459.2151
      OUT:
      ----
      STORAGE =          0.0000          STORAGE =
0.0000
      CONSTANT HEAD =      357.4988      CONSTANT HEAD =
357.4988
      WELLS =            3100.0000      WELLS =
3100.0000
      HEAD DEP BOUNDS =        0.0000      HEAD DEP BOUNDS =
0.0000
      TOTAL OUT =          3457.4988      TOTAL OUT =
3457.4988
      IN - OUT =           1.7163          IN - OUT =
1.7163
      PERCENT DISCREPANCY = 0.05      PERCENT DISCREPANCY =
0.05
  
```

TIME SUMMARY AT END OF TIME STEP 1 IN STRESS PERIOD 1  
 SECONDS MINUTES HOURS DAYS



YEARS

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-----
      TIME STEP LENGTH  86400.      1440.0      24.000      1.0000
2.73785E-03
      STRESS PERIOD TIME  86400.      1440.0      24.000      1.0000
2.73785E-03
      TOTAL TIME  86400.      1440.0      24.000      1.0000
2.73785E-03
1

```

DATA AT HEAD LOCATIONS

WEIGHTED OBS#	OBSERVATION NAME	OBSER- VATION	SIMUL. EQUIV.	RESIDUAL	WEIGHT**.	WEIGHT**.
		*	*			
1	hed1	0.369E+04	0.370E+04	-8.60	1.96	-16.9
2	hed2	0.370E+04	0.370E+04	-0.559	1.96	-1.10
3	hed3	0.370E+04	0.369E+04	7.46	1.96	14.6
4	hed4	0.370E+04	0.370E+04	2.66	1.96	5.22
5	hed5	0.371E+04	0.370E+04	8.09	1.96	15.8
6	hed6	0.370E+04	0.370E+04	-1.22	1.96	-2.39

\* THE OBSERVATION (AND CORRESPONDING SIMULATED EQUIVALENT) IS HEAD OR TEMPORAL

CHANGE IN HEAD, AS SPECIFIED IN THE "HOB" INPUT FILE. NEGATIVE TEMPORAL

CHANGES INDICATE DRAWDOWN.

STATISTICS FOR HEAD RESIDUALS :

MAXIMUM WEIGHTED RESIDUAL : 15.8 OBS# 5

MINIMUM WEIGHTED RESIDUAL : -16.9 OBS# 1

AVERAGE WEIGHTED RESIDUAL : 2.56

# RESIDUALS >= 0. : 3

# RESIDUALS < 0. : 3

NUMBER OF RUNS : 3 IN 6 OBSERVATIONS

SUM OF SQUARED WEIGHTED RESIDUALS (HEADS ONLY) 783.16

DATA FOR FLOWS REPRESENTED USING THE GENERAL-HEAD BOUNDARY PACKAGE

WEIGHTED OBS#	OBSERVATION NAME	MEAS. FLOW	CALC. FLOW	RESIDUAL	WEIGHT**.	WEIGHT**.
7	no_ghbf0	1.00	0.00	1.00	0.100E-18	
0.100E-18						
8	no_ghbf1	1.00	0.00	1.00	0.100E-18	
0.100E-18						
9	no_ghbf2	1.00	0.00	1.00	0.100E-18	
0.100E-18						
10	no_ghbf3	1.00	0.00	1.00	0.100E-18	
0.100E-18						
11	no_ghbf4	1.00	0.00	1.00	0.100E-18	
0.100E-18						
12	no_ghbf5	1.00	0.129E+04	-0.129E+04	0.100E-18	-
0.129E-15						



13 no_ghbf6	1.00	41.0	-40.0	0.100E-18	-
0.400E-17					
14 no_ghbf7	1.00	0.198E+04	-0.198E+04	0.100E-18	-
0.198E-15					
15 no_ghbf8	1.00	183.	-182.	0.100E-18	-
0.182E-16					
16 no_ghbf9	1.00	9.65	-8.65	0.100E-18	-
0.865E-18					

## STATISTICS FOR GENERAL-HEAD BOUNDARY FLOW RESIDUALS :

MAXIMUM WEIGHTED RESIDUAL : 0.100E-18 OBS# 7

MINIMUM WEIGHTED RESIDUAL :-0.198E-15 OBS# 14

AVERAGE WEIGHTED RESIDUAL :-0.350E-16

# RESIDUALS &gt;= 0. : 5

# RESIDUALS &lt; 0. : 5

NUMBER OF RUNS: 2 IN 10 OBSERVATIONS

## SUM OF SQUARED WEIGHTED RESIDUALS

(GENERAL-HEAD BOUNDARY FLOWS ONLY) 0.56260E-31

## DATA FOR FLOW OBSERVATIONS AT BOUNDARIES REPRESENTED AS CONSTANT-HEAD

OBSERVATION		MEAS.	CALC.		
WEIGHTED					
OBS#	NAME	FLOW	FLOW	RESIDUAL	WEIGHT**.5
RESIDUAL					
17 no_chdf0	1.00	-48.3	49.3	0.100E-18	
0.493E-17					
18 no_chdf1	1.00	-1.28	2.28	0.100E-18	
0.228E-18					
19 no_chdf2	1.00	-79.4	80.4	0.100E-18	
0.804E-17					
20 no_chdf3	1.00	-84.3	85.3	0.100E-18	
0.853E-17					
21 no_chdf4	1.00	-0.370	1.37	0.100E-18	
0.137E-18					
22 no_chdf5	1.00	-5.57	6.57	0.100E-18	
0.657E-18					
23 no_chdf6	1.00	-0.178	1.18	0.100E-18	
0.118E-18					
24 no_chdf7	1.00	-7.20	8.20	0.100E-18	
0.820E-18					
25 no_chdf8	1.00	-5.83	6.83	0.100E-18	
0.683E-18					
26 no_chdf9	1.00	-0.468E-01	1.05	0.100E-18	
0.105E-18					
27 no_chdf10	1.00	-2.34	3.34	0.100E-18	
0.334E-18					
28 no_chdf11	1.00	-0.200	1.20	0.100E-18	
0.120E-18					
29 no_chdf12	1.00	-0.213	1.21	0.100E-18	
0.121E-18					
30 no_chdf13	1.00	-0.354	1.35	0.100E-18	
0.135E-18					
31 no_chdf14	1.00	-0.780	1.78	0.100E-18	
0.178E-18					
32 no_chdf15	1.00	-0.440	1.44	0.100E-18	
0.144E-18					
33 no_chdf16	1.00	-20.0	21.0	0.100E-18	



0.210E-17					
34 no_chdf17	1.00	-7.77	8.77	0.100E-18	
0.877E-18					
35 no_chdf18	1.00	-32.2	33.2	0.100E-18	
0.332E-17					
36 no_chdf19	1.00	-51.3	52.3	0.100E-18	
0.523E-17					
37 no_chdf20	1.00	-9.49	10.5	0.100E-18	
0.105E-17					

## STATISTICS FOR CONSTANT-HEAD BOUNDARY FLOW RESIDUALS :

MAXIMUM WEIGHTED RESIDUAL : 0.853E-17 OBS# 20

MINIMUM WEIGHTED RESIDUAL : 0.105E-18 OBS# 26

AVERAGE WEIGHTED RESIDUAL : 0.180E-17

# RESIDUALS &gt;= 0. : 21

# RESIDUALS &lt; 0. : 0

NUMBER OF RUNS : 1 IN 21 OBSERVATIONS

## SUM OF SQUARED WEIGHTED RESIDUALS

(CONSTANT-HEAD BOUNDARY FLOWS ONLY) 0.20814E-33

SUM OF SQUARED WEIGHTED RESIDUALS (ALL DEPENDENT VARIABLES) 783.16

## STATISTICS FOR ALL RESIDUALS :

AVERAGE WEIGHTED RESIDUAL : 0.415E+00

# RESIDUALS &gt;= 0. : 29

# RESIDUALS &lt; 0. : 8

NUMBER OF RUNS : 6 IN 37 OBSERVATIONS

INTERPRETING THE CALCULATED RUNS STATISTIC VALUE OF -3.51

NOTE: THE FOLLOWING APPLIES ONLY IF

# RESIDUALS &gt;= 0 . IS GREATER THAN 10 AND

# RESIDUALS &lt; 0. IS GREATER THAN 10

THE NEGATIVE VALUE MAY INDICATE TOO FEW RUNS:

IF THE VALUE IS LESS THAN -1.28, THERE IS LESS THAN A 10 PERCENT  
CHANCE THE VALUES ARE RANDOM,IF THE VALUE IS LESS THAN -1.645, THERE IS LESS THAN A 5 PERCENT  
CHANCE THE VALUES ARE RANDOM,IF THE VALUE IS LESS THAN -1.96, THERE IS LESS THAN A 2.5 PERCENT  
CHANCE THE VALUES ARE RANDOM.

## ORDERED DEPENDENT-VARIABLE WEIGHTED RESIDUALS

NUMBER OF RESIDUALS INCLUDED: 37

-16.9	-2.39	-1.10	-0.198E-15	-0.129E-15	-0.182E-16	-
0.400E-17						
-0.865E-18	0.100E-18	0.100E-18	0.100E-18	0.100E-18	0.100E-18	
0.105E-18						
0.118E-18	0.120E-18	0.121E-18	0.135E-18	0.137E-18	0.144E-18	
0.178E-18						
0.228E-18	0.334E-18	0.657E-18	0.683E-18	0.820E-18	0.877E-18	
0.105E-17						
0.210E-17	0.332E-17	0.493E-17	0.523E-17	0.804E-17	0.853E-17	
5.22						
14.6	15.8					

CORRELATION BETWEEN ORDERED WEIGHTED RESIDUALS AND NORMAL ORDER  
STATISTICS

FOR OBSERVATIONS = 0.447



-----  
--

COMMENTS ON THE INTERPRETATION OF THE CORRELATION BETWEEN  
WEIGHTED RESIDUALS AND NORMAL ORDER STATISTICS:

The critical value for correlation at the 5% significance level is  
0.944

IF the reported CORRELATION is GREATER than the 5% critical value,  
ACCEPT  
the hypothesis that the weighted residuals are INDEPENDENT AND NORMALLY  
DISTRIBUTED at the 5% significance level. The probability that this  
conclusion is wrong is less than 5%.

IF the reported correlation IS LESS THAN the 5% critical value REJECT  
the  
hypothesis that the weighted residuals are INDEPENDENT AND NORMALLY  
DISTRIBUTED at the 5% significance level.

The analysis can also be done using the 10% significance level.  
The associated critical value is 0.953

-----  
--



100 100 1  
0.01 0.01 1.0 0 0 2 1.0



500 2.0 0.01 0.0  
0 0 0 0 0 0.0 0.001 1.5 1  
2 1 0  
0.8 0.0 1  
0 0 0



## PEST RUN RECORD: CASE finalwall-lowk-6-11

PEST run mode:-

Parameter estimation mode

Case dimensions:-

Number of parameters	:	3
Number of adjustable parameters	:	3
Number of parameter groups	:	1
Number of observations	:	37
Number of prior estimates	:	0

Model command line(s):-

start /w /min FINALWALL-LOWK-6-11\_bat1.bat

Jacobian command line:-

na

Model interface files:-

Templates:

FINALWALL-LOWK-6-11.tpl\_1  
 for model input files:  
 FINALWALL-LOWK-6-11.snn\_1

(Parameter values written using single precision protocol.)  
 (Decimal point always included.)

Instruction files:

FINALWALL-LOWK-6-11.ins  
 for reading model output files:  
 FINALWALL-LOWK-6-11.\_os

PEST-to-model message file:-

na

Derivatives calculation:-

Param Method	Increment	Increment	Increment	Forward or	Multiplier
group (central)	type		low bound	central	(central)
general outside_pts	relative	1.0000E-02	none	switch	2.000

Parameter definitions:-



Name Upper	Trans- formation	Change limit	Initial value	Lower bound
bound				
hk_100	log	factor	9.55960	1.000000E-03
20.0000				
ghb_300	none	factor	27.2630	1.000000E-03
1000.00				
ghb_400	none	factor	151.970	1.000000E-03
1000.00				

Name number	Group	Scale	Offset	Model command
hk_100	general	1.00000	0.00000	1
ghb_300	general	1.00000	0.00000	1
ghb_400	general	1.00000	0.00000	1

Prior information:-

No prior information supplied

Observations:-

Observation name	Observation	Weight	Group
hed1	3689.73	1.960	head
hed2	3698.05	1.960	head
hed3	3700.85	1.960	head
hed4	3702.56	1.960	head
hed5	3706.41	1.960	head
hed6	3696.72	1.960	head
no_ghbf0	1.00000	1.0000E-19	ghb
no_ghbf1	1.00000	1.0000E-19	ghb
no_ghbf2	1.00000	1.0000E-19	ghb
no_ghbf3	1.00000	1.0000E-19	ghb
no_ghbf4	1.00000	1.0000E-19	ghb
no_ghbf5	1.00000	1.0000E-19	ghb
no_ghbf6	1.00000	1.0000E-19	ghb
no_ghbf7	1.00000	1.0000E-19	ghb
no_ghbf8	1.00000	1.0000E-19	ghb
no_ghbf9	1.00000	1.0000E-19	ghb
no_chdf0	1.00000	1.0000E-19	const_head
no_chdf1	1.00000	1.0000E-19	const_head
no_chdf2	1.00000	1.0000E-19	const_head
no_chdf3	1.00000	1.0000E-19	const_head
no_chdf4	1.00000	1.0000E-19	const_head
no_chdf5	1.00000	1.0000E-19	const_head
no_chdf6	1.00000	1.0000E-19	const_head
no_chdf7	1.00000	1.0000E-19	const_head
no_chdf8	1.00000	1.0000E-19	const_head
no_chdf9	1.00000	1.0000E-19	const_head
no_chdf10	1.00000	1.0000E-19	const_head
no_chdf11	1.00000	1.0000E-19	const_head
no_chdf12	1.00000	1.0000E-19	const_head
no_chdf13	1.00000	1.0000E-19	const_head
no_chdf14	1.00000	1.0000E-19	const_head
no_chdf15	1.00000	1.0000E-19	const_head
no_chdf16	1.00000	1.0000E-19	const_head



no_chdf17	1.00000	1.0000E-19	const_head
no_chdf18	1.00000	1.0000E-19	const_head
no_chdf19	1.00000	1.0000E-19	const_head
no_chdf20	1.00000	1.0000E-19	const_head

## Control settings:-

Initial lambda	:
10.000	
Lambda adjustment factor	:
2.0000	
Sufficient new/old phi ratio per optimisation iteration	:
0.30000	
Limiting relative phi reduction between lambdas	:
3.00000E-02	
Maximum trial lambdas per iteration	: 10
Forgive model run failure during lamda testing	: no
Perform Broyden's update of Jacobian matrix	: no
Maximum factor parameter change (factor-limited changes)	:
5.0000	
Maximum relative parameter change (relative-limited changes)	: na
Fraction of initial parameter values used in computing change limit for near-zero parameters	:
1.00000E-03	
Allow bending of parameter upgrade vector	: no
Allow parameters to stick to their bounds	: no
Relative phi reduction below which to begin use of central derivatives	:
0.10000	
Iteration at which to first consider derivatives switch	: 1
Relative phi reduction indicating convergence	:
0.50000E-02	
Number of phi values required within this range	: 3
Maximum number of consecutive failures to lower phi	: 3
Minimal relative parameter change indicating convergence	:
0.50000E-02	
Number of consecutive iterations with minimal param change	: 3
Maximum number of optimisation iterations	: 20
Attempt automatic user intervention	: no
Attempt reuse of parameter sensitivities	: no

## File saving options: -

Save best JCO file	: yes
Save multiple JCO files	: no
Save multiple REI files	: no
Save multiple PAR files	: no

OPTIMISATION RECORD



## INITIAL CONDITIONS:

```

Sum of squared weighted residuals (ie phi)      = 920.75
Contribution to phi from observation group "head" = 920.75
Contribution to phi from observation group "ghb"  = 5.63010E-
32
Contribution to phi from observation group "const_head" = 2.05676E-
34

```

## Current parameter values

```

hk_100      9.55960
ghb_300     27.2630
ghb_400     151.970

```

## OPTIMISATION ITERATION NO. : 1

```

Model calls so far : 1
Starting phi for this iteration : 920.75
Contribution to phi from observation group "head" : 920.75
Contribution to phi from observation group "ghb" : 5.63010E-
32
Contribution to phi from observation group "const_head" : 2.05676E-
34

```

```

Lambda = 10.000 ----->
Phi = 783.30 ( 0.851 of starting phi)

```

```

Lambda = 5.0000 ----->
Phi = 783.26 ( 0.851 of starting phi)

```

No more lambdas: relative phi reduction between lambdas less than 0.0300

Lowest phi this iteration: 783.26

Current parameter values		Previous parameter values	
hk_100	20.0000	hk_100	9.55960
ghb_300	40.8140	ghb_300	27.2630
ghb_400	151.176	ghb_400	151.970
Maximum factor change:	2.092	["hk_100"]	
Maximum relative change:	1.092	["hk_100"]	

## OPTIMISATION ITERATION NO. : 2

```

Model calls so far : 6
Starting phi for this iteration : 783.26
Contribution to phi from observation group "head" : 783.26
Contribution to phi from observation group "ghb" : 5.73836E-
32
Contribution to phi from observation group "const_head" : 2.08119E-
34

```

parameter "hk\_100" frozen: gradient and update vectors out of bounds

```

Lambda = 2.5000 ----->
Phi = 783.18 ( 1.000 of starting phi)

```

```

Lambda = 1.2500 ----->
Phi = 783.18 ( 1.000 of starting phi)

```

No more lambdas: relative phi reduction between lambdas less than 0.0300



Lowest phi this iteration: 783.18  
 Relative phi reduction between optimisation iterations less than  
 0.1000  
 Switch to central derivatives calculation

Current parameter values		Previous parameter values	
hk_100	20.0000	hk_100	20.0000
ghb_300	79.7043	ghb_300	40.8140
ghb_400	154.826	ghb_400	151.176
Maximum factor change:	1.953	["ghb_300"]	
Maximum relative change:	0.9529	["ghb_300"]	

OPTIMISATION ITERATION NO. : 3  
 Model calls so far : 11  
 Starting phi for this iteration : 783.18  
 Contribution to phi from observation group "head" : 783.18  
 Contribution to phi from observation group "ghb" : 5.63471E-  
 32  
 Contribution to phi from observation group "const\_head" : 2.08130E-  
 34  
 All frozen parameters freed.

Lambda = 1.2500 ----->  
 Phi = 783.31 ( 1.000 times starting phi)  
  
 Lambda = 0.62500 ----->  
 Phi = 783.31 ( 1.000 times starting phi)

No more lambdas: relative phi reduction between lambdas less than  
 0.0300  
 Lowest phi this iteration: 783.31

Current parameter values		Previous parameter values	
hk_100	19.9146	hk_100	20.0000
ghb_300	398.522	ghb_300	79.7043
ghb_400	154.724	ghb_400	154.826
Maximum factor change:	5.000	["ghb_300"]	
Maximum relative change:	4.000	["ghb_300"]	

Optimisation complete: the 3 lowest phi's are within a relative  
 distance

of eachother of 5.000E-03  
 Total model calls: 19

The model has been run one final time using best parameters.  
 Thus all model input files contain best parameter values, and model  
 output files contain model results based on these parameters.

#### OPTIMISATION RESULTS

Parameters ----->

Parameter	Estimated value	95% percent confidence limits	
		lower limit	upper limit
hk_100	20.0000	5.53829	72.2245
ghb_300	79.7043	-1.857795E+18	1.857795E+18
ghb_400	154.826	-3.585995E+18	3.585995E+18



Note: confidence limits provide only an indication of parameter uncertainty.

They rely on a linearity assumption which may not extend as far in parameter space as the confidence limits themselves - see PEST manual.

See file finalwall-lowk-6-11.sen for parameter sensitivities.

Observations ----->

Observation Weight	Group	Measured value	Calculated value	Residual
hed1		3689.73	3698.33	-8.60100
1.960	head			
hed2		3698.05	3698.61	-0.559000
1.960	head			
hed3		3700.85	3693.39	7.45600
1.960	head			
hed4		3702.56	3699.90	2.66500
1.960	head			
hed5		3706.41	3698.32	8.08700
1.960	head			
hed6		3696.72	3697.94	-1.22000
1.960	head			
no_ghbf0		1.00000	0.00000	1.00000
1.0000E-19	ghb			
no_ghbf1		1.00000	0.00000	1.00000
1.0000E-19	ghb			
no_ghbf2		1.00000	0.00000	1.00000
1.0000E-19	ghb			
no_ghbf3		1.00000	0.00000	1.00000
1.0000E-19	ghb			
no_ghbf4		1.00000	0.00000	1.00000
1.0000E-19	ghb			
no_ghbf5		1.00000	1294.61	-1293.61
1.0000E-19	ghb			
no_ghbf6		1.00000	40.3478	-39.3478
1.0000E-19	ghb			
no_ghbf7		1.00000	1980.06	-1979.06
1.0000E-19	ghb			
no_ghbf8		1.00000	208.353	-207.353
1.0000E-19	ghb			
no_ghbf9		1.00000	8.98449	-7.98449
1.0000E-19	ghb			
no_chdf0		1.00000	-48.2660	49.2660
1.0000E-19	const_head			
no_chdf1		1.00000	-1.28163	2.28163
1.0000E-19	const_head			
no_chdf2		1.00000	-79.3847	80.3847
1.0000E-19	const_head			
no_chdf3		1.00000	-84.2852	85.2852
1.0000E-19	const_head			
no_chdf4		1.00000	-0.369641	1.36964
1.0000E-19	const_head			
no_chdf5		1.00000	-5.56640	6.56640
1.0000E-19	const_head			



no_chdf6	1.00000	-0.178459	1.17846
1.0000E-19	const_head		
no_chdf7	1.00000	-7.16954	8.16954
1.0000E-19	const_head		
no_chdf8	1.00000	-5.83913	6.83913
1.0000E-19	const_head		
no_chdf9	1.00000	-4.673932E-02	1.04674
1.0000E-19	const_head		
no_chdf10	1.00000	-2.34099	3.34099
1.0000E-19	const_head		
no_chdf11	1.00000	-0.199559	1.19956
1.0000E-19	const_head		
no_chdf12	1.00000	-0.213344	1.21334
1.0000E-19	const_head		
no_chdf13	1.00000	-0.353956	1.35396
1.0000E-19	const_head		
no_chdf14	1.00000	-0.780408	1.78041
1.0000E-19	const_head		
no_chdf15	1.00000	-0.439702	1.43970
1.0000E-19	const_head		
no_chdf16	1.00000	-20.0213	21.0213
1.0000E-19	const_head		
no_chdf17	1.00000	-7.76511	8.76511
1.0000E-19	const_head		
no_chdf18	1.00000	-32.2039	33.2039
1.0000E-19	const_head		
no_chdf19	1.00000	-51.2680	52.2680
1.0000E-19	const_head		
no_chdf20	1.00000	-9.49164	10.4916
1.0000E-19	const_head		

See file finalwall-lowk-6-11.res for more details of residuals in graph-ready format.

See file finalwall-lowk-6-11.seo for composite observation sensitivities.

Objective function ----->

Sum of squared weighted residuals (ie phi)	=	783.2
Contribution to phi from observation group "head"	=	783.2
Contribution to phi from observation group "ghb"	=	5.6347E-
32		
Contribution to phi from observation group "const_head"	=	2.0813E-
34		

Correlation Coefficient ----->

Correlation coefficient	=	1.000
-------------------------	---	-------

Analysis of residuals ----->

All residuals:-		
Number of residuals with non-zero weight	=	
37		
Mean value of non-zero weighted residuals	=	
0.4147		



Maximum weighted residual [observation "hed5"]	=
15.85	
Minimum weighted residual [observation "hed1"]	= -
16.86	
Standard variance of weighted residuals	=
23.03	
Standard error of weighted residuals	=
4.799	

Note: the above variance was obtained by dividing the objective function by the number of system degrees of freedom (ie. number of observations with non-zero weight plus number of prior information articles with non-zero weight minus the number of adjustable parameters.)

If the degrees of freedom is negative the divisor becomes the number of observations with non-zero weight plus the number of prior information items with non-zero weight.

Residuals for observation group "head":-	
Number of residuals with non-zero weight	=
6	
Mean value of non-zero weighted residuals	=
2.557	
Maximum weighted residual [observation "hed5"]	=
15.85	
Minimum weighted residual [observation "hed1"]	= -
16.86	
"Variance" of weighted residuals	=
130.5	
"Standard error" of weighted residuals	=
11.42	

Note: the above "variance" was obtained by dividing the sum of squared residuals by the number of items with non-zero weight.

Residuals for observation group "ghb":-	
Number of residuals with non-zero weight	=
10	
Mean value of non-zero weighted residuals	= -
3.5224E-17	
Maximum weighted residual [observation "no_ghbf0"]	=
1.0000E-19	
Minimum weighted residual [observation "no_ghbf7"]	= -
1.9791E-16	
"Variance" of weighted residuals	=
5.6347E-33	
"Standard error" of weighted residuals	=
7.5065E-17	

Note: the above "variance" was obtained by dividing the sum of squared residuals by the number of items with non-zero weight.

Residuals for observation group "const_head":-	
Number of residuals with non-zero weight	=
21	
Mean value of non-zero weighted residuals	=
1.8022E-18	
Maximum weighted residual [observation "no_chdf3"]	=



```

8.5285E-18
  Minimum weighted residual [observation "no_chdf9"]      =
1.0467E-19
  "Variance" of weighted residuals                      =
9.9109E-36
  "Standard error" of weighted residuals                =
3.1482E-18

```

Note: the above "variance" was obtained by dividing the sum of squared residuals by the number of items with non-zero weight.

K-L information statistics ----->

```

AIC   = 120.9404
AICC  = 122.1904
BIC   = 127.3840
KIC   = -56.47170

```

Parameter covariance matrix ----->

	hk_100	ghb_300	ghb_400
hk_100	7.5197E-02	-1.5516E-02	-8.6851E-03
ghb_300	-1.5516E-02	8.3457E+35	-1.7907E+32
ghb_400	-8.6851E-03	-1.7907E+32	3.1095E+36

Parameter correlation coefficient matrix ----->

	hk_100	ghb_300	ghb_400
hk_100	1.000	-6.1938E-20	-1.7961E-20
ghb_300	-6.1938E-20	1.000	-1.1116E-04
ghb_400	-1.7961E-20	-1.1116E-04	1.000

Normalized eigenvectors of parameter covariance matrix ----->

	Vector_1	Vector_2	Vector_3
hk_100	-1.000	-3.2303E-17	2.4143E-18
ghb_300	-1.1967E-16	1.000	-7.8716E-05
ghb_400	-6.8759E-17	7.8716E-05	1.000

Eigenvalues ----->

7.5197E-02	8.3457E+35	3.1095E+36
------------	------------	------------



```
3 0 0 3
0 0 0 0
HK_100 1 1 9.559584 0.001 20.0 1.0
GHB_300 1 0 27.26261 0.001 1000.0 1.0
GHB_400 1 0 151.9664 0.001 1000.0 1.0
```



```
#GMS_HDF5_01
1 740 AUX IFACE AUX QFACT AUX CELLGRP
      1          0          0
GMS_HDF5_01 "FINALWALL-LOWK-6-11.h5" "Well" 1
```