

SECTION\_A\_CASE\_III\_NOD3  
MODFLOW-2005  
U.S. GEOLOGICAL SURVEY MODULAR FINITE-DIFFERENCE GROUND-WATER FLOW MODEL  
VERSION 1.04.00 11/02/2007 Prec:single, Reg:GUI

LIST FILE: C:\Users\rspicer\Desktop\NOD3 FILES\Section A\Section A - Case  
III\SECTION\_A\_CASE\_III\_NOD3.LST  
UNIT 6

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section A\Section A - Case  
III\SECTION\_A\_CASE\_III\_NOD3.PCG  
FILE TYPE:PCG UNIT 23 STATUS:OLD  
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section A\Section A - Case  
III\SECTION\_A\_CASE\_III\_NOD3.BAS  
FILE TYPE:BAS6 UNIT 10 STATUS:OLD  
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section A\Section A - Case  
III\SECTION\_A\_CASE\_III\_NOD3.LPF  
FILE TYPE:LPF UNIT 33 STATUS:OLD  
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section A\Section A - Case  
III\SECTION\_A\_CASE\_III\_NOD3.DRN  
FILE TYPE:DRN UNIT 13 STATUS:OLD  
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section A\Section A - Case  
III\SECTION\_A\_CASE\_III\_NOD3.RCH  
FILE TYPE:RCH UNIT 18 STATUS:OLD  
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section A\Section A - Case  
III\SECTION\_A\_CASE\_III\_NOD3.OC  
FILE TYPE:OC UNIT 22 STATUS:OLD  
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section A\Section A - Case  
III\SECTION\_A\_CASE\_III\_NOD3.HFB  
FILE TYPE:HFB6 UNIT 31 STATUS:OLD  
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section A\Section A - Case  
III\SECTION\_A\_CASE\_III\_NOD3.DIS  
FILE TYPE:DIS UNIT 34 STATUS:OLD  
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section A\Section A - Case  
III\SECTION\_A\_CASE\_III\_NOD3.LMT  
FILE TYPE:LMT6 UNIT 333 STATUS:OLD  
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section A\Section A - Case  
III\SECTION\_A\_CASE\_III\_NOD3.FLO  
FILE TYPE:DATA(BINARY) UNIT 175 STATUS:UNKNOWN  
FORMAT:UNFORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section A\Section A - Case  
III\SECTION\_A\_CASE\_III\_NOD3.NDC  
FILE TYPE:NDC UNIT 57 STATUS:OLD  
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section A\Section A - Case  
III\SECTION\_A\_CASE\_III\_NOD3.HDS

SECTION\_A\_CASE\_III\_NOD3  
FILE TYPE:DATA(BINARY) UNIT 150 STATUS:UNKNOWN  
FORMAT:UNFORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section A\Section A - Case  
III\SECTION\_A\_CASE\_III\_NOD3.DDN

FILE TYPE:DATA(BINARY) UNIT 151 STATUS:UNKNOWN  
FORMAT:UNFORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section A\Section A - Case  
III\SECTION\_A\_CASE\_III\_NOD3.BGT

FILE TYPE:DATA(BINARY) UNIT 154 STATUS:UNKNOWN  
FORMAT:UNFORMATTED ACCESS:SEQUENTIAL

BAS -- BASIC PACKAGE, VERSION 7, 5/2/2005 INPUT READ FROM UNIT 10

DISCRETIZATION INPUT DATA READ FROM UNIT 34  
#Discretization Package translator - (c) 2001 Waterloo Hydrogeologic Software  
#SECTION\_A\_CASE\_III\_NOD3.DIS Thu Jan 17 17:01:57 2013  
80 LAYERS 1 ROWS 500 COLUMNS  
4 STRESS PERIOD(S) IN SIMULATION

MODEL TIME UNIT IS YEARS

MODEL LENGTH UNIT IS FEET

Confining bed flag for each layer:

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

DEL R  
READING ON UNIT 34 WITH FORMAT: (10E16.9)

DEL C  
READING ON UNIT 34 WITH FORMAT: (10E16.9)

TOP ELEVATION OF LAYER 1  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 1  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 2  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 3  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 4  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

SECTION\_A\_CASE\_III\_NOD3

MODEL LAYER BOTTOM EL. FOR LAYER 5  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 6  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 7  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 8  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 9  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 10  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 11  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 12  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 13  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 14  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 15  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 16  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 17  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

SECTION\_A\_CASE\_III\_NOD3

MODEL LAYER BOTTOM EL. FOR LAYER 18  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 19  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 20  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 21  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 22  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 23  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 24  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 25  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 26  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 27  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 28  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 29  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 30  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

SECTION\_A\_CASE\_III\_NOD3

MODEL LAYER BOTTOM EL. FOR LAYER 31  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 32  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 33  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 34  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 35  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 36  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 37  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 38  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 39  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 40  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 41  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 42  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 43  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

SECTION\_A\_CASE\_III\_NOD3

MODEL LAYER BOTTOM EL. FOR LAYER 44  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 45  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 46  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 47  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 48  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 49  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 50  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 51  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 52  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 53  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 54  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 55  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 56  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

SECTION\_A\_CASE\_III\_NOD3

MODEL LAYER BOTTOM EL. FOR LAYER 57  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 58  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 59  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 60  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 61  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 62  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 63  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 64  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 65  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 66  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 67  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 68  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 69  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

SECTION\_A\_CASE\_III\_NOD3

MODEL LAYER BOTTOM EL. FOR LAYER 70  
 READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 71  
 READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 72  
 READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 73  
 READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 74  
 READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 75  
 READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 76  
 READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 77  
 READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 78  
 READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 79  
 READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 80  
 READING ON UNIT 34 WITH FORMAT: (10E14.7)

| STRESS PERIOD | LENGTH   | TIME STEPS | MULTIPLIER FOR DELT | SS FLAG |
|---------------|----------|------------|---------------------|---------|
| 1             | 15.00000 | 10         | 1.200               | TR      |
| 2             | 7.000000 | 10         | 1.200               | TR      |
| 3             | 30.00000 | 10         | 1.200               | TR      |
| 4             | 22.00000 | 10         | 1.200               | TR      |

TRANSIENT SIMULATION



SECTION\_A\_CASE\_III\_NOD3

#Basic Package translator - (c) 2001 Waterloo Hydrogeologic Software  
#SECTION\_A\_CASE\_III\_NOD3.BAS Thu Jan 17 17:01:36 2013

|                 |  |    |
|-----------------|--|----|
| READING ON UNIT | BOUNDARY ARRAY FOR LAYER<br>10 WITH FORMAT: (40I2) | 1  |
| READING ON UNIT | BOUNDARY ARRAY FOR LAYER<br>10 WITH FORMAT: (40I2) | 2  |
| READING ON UNIT | BOUNDARY ARRAY FOR LAYER<br>10 WITH FORMAT: (40I2) | 3  |
| READING ON UNIT | BOUNDARY ARRAY FOR LAYER<br>10 WITH FORMAT: (40I2) | 4  |
| READING ON UNIT | BOUNDARY ARRAY FOR LAYER<br>10 WITH FORMAT: (40I2) | 5  |
| READING ON UNIT | BOUNDARY ARRAY FOR LAYER<br>10 WITH FORMAT: (40I2) | 6  |
| READING ON UNIT | BOUNDARY ARRAY FOR LAYER<br>10 WITH FORMAT: (40I2) | 7  |
| READING ON UNIT | BOUNDARY ARRAY FOR LAYER<br>10 WITH FORMAT: (40I2) | 8  |
| READING ON UNIT | BOUNDARY ARRAY FOR LAYER<br>10 WITH FORMAT: (40I2) | 9  |
| READING ON UNIT | BOUNDARY ARRAY FOR LAYER<br>10 WITH FORMAT: (40I2) | 10 |
| READING ON UNIT | BOUNDARY ARRAY FOR LAYER<br>10 WITH FORMAT: (40I2) | 11 |
| READING ON UNIT | BOUNDARY ARRAY FOR LAYER<br>10 WITH FORMAT: (40I2) | 12 |

SECTION\_A\_CASE\_III\_NOD3

BOUNDARY ARRAY FOR LAYER 13  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 14  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 15  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 16  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 17  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 18  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 19  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 20  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 21  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 22  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 23  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 24  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 25  
READING ON UNIT 10 WITH FORMAT: (40I2)

SECTION\_A\_CASE\_III\_NOD3

BOUNDARY ARRAY FOR LAYER 26  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 27  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 28  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 29  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 30  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 31  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 32  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 33  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 34  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 35  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 36  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 37  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 38  
READING ON UNIT 10 WITH FORMAT: (40I2)

SECTION\_A\_CASE\_III\_NOD3

BOUNDARY ARRAY FOR LAYER 39  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 40  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 41  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 42  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 43  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 44  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 45  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 46  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 47  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 48  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 49  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 50  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 51  
READING ON UNIT 10 WITH FORMAT: (40I2)

SECTION\_A\_CASE\_III\_NOD3

BOUNDARY ARRAY FOR LAYER 52  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 53  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 54  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 55  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 56  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 57  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 58  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 59  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 60  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 61  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 62  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 63  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 64  
READING ON UNIT 10 WITH FORMAT: (40I2)

SECTION\_A\_CASE\_III\_NOD3

READING ON UNIT      BOUNDARY ARRAY FOR LAYER 65  
10 WITH FORMAT: (40I2)

READING ON UNIT      BOUNDARY ARRAY FOR LAYER 66  
10 WITH FORMAT: (40I2)

READING ON UNIT      BOUNDARY ARRAY FOR LAYER 67  
10 WITH FORMAT: (40I2)

READING ON UNIT      BOUNDARY ARRAY FOR LAYER 68  
10 WITH FORMAT: (40I2)

READING ON UNIT      BOUNDARY ARRAY FOR LAYER 69  
10 WITH FORMAT: (40I2)

READING ON UNIT      BOUNDARY ARRAY FOR LAYER 70  
10 WITH FORMAT: (40I2)

READING ON UNIT      BOUNDARY ARRAY FOR LAYER 71  
10 WITH FORMAT: (40I2)

READING ON UNIT      BOUNDARY ARRAY FOR LAYER 72  
10 WITH FORMAT: (40I2)

READING ON UNIT      BOUNDARY ARRAY FOR LAYER 73  
10 WITH FORMAT: (40I2)

READING ON UNIT      BOUNDARY ARRAY FOR LAYER 74  
10 WITH FORMAT: (40I2)

READING ON UNIT      BOUNDARY ARRAY FOR LAYER 75  
10 WITH FORMAT: (40I2)

READING ON UNIT      BOUNDARY ARRAY FOR LAYER 76  
10 WITH FORMAT: (40I2)

READING ON UNIT      BOUNDARY ARRAY FOR LAYER 77  
10 WITH FORMAT: (40I2)

SECTION\_A\_CASE\_III\_NOD3

BOUNDARY ARRAY FOR LAYER 78  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 79  
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 80  
READING ON UNIT 10 WITH FORMAT: (40I2)

AQUIFER HEAD WILL BE SET TO 1.00000E+30 AT ALL NO-FLOW NODES (IBOUND=0).

INITIAL HEAD FOR LAYER 1  
READING ON UNIT 10 WITH FORMAT: (10G12.5)

INITIAL HEAD FOR LAYER 2  
READING ON UNIT 10 WITH FORMAT: (10G12.5)

INITIAL HEAD FOR LAYER 3  
READING ON UNIT 10 WITH FORMAT: (10G12.5)

INITIAL HEAD FOR LAYER 4  
READING ON UNIT 10 WITH FORMAT: (10G12.5)

INITIAL HEAD FOR LAYER 5  
READING ON UNIT 10 WITH FORMAT: (10G12.5)

INITIAL HEAD FOR LAYER 6  
READING ON UNIT 10 WITH FORMAT: (10G12.5)

INITIAL HEAD FOR LAYER 7  
READING ON UNIT 10 WITH FORMAT: (10G12.5)

INITIAL HEAD FOR LAYER 8  
READING ON UNIT 10 WITH FORMAT: (10G12.5)

INITIAL HEAD FOR LAYER 9  
READING ON UNIT 10 WITH FORMAT: (10G12.5)

INITIAL HEAD FOR LAYER 10  
READING ON UNIT 10 WITH FORMAT: (10G12.5)

SECTION\_A\_CASE\_III\_NOD3

READING ON UNIT 10 INITIAL HEAD FOR LAYER 11  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 12  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 13  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 14  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 15  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 16  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 17  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 18  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 19  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 20  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 21  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 22  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 23  
WITH FORMAT: (10G12.5)



SECTION\_A\_CASE\_III\_NOD3

|                 |    |                        |    |
|-----------------|----|------------------------|----|
| READING ON UNIT | 10 | INITIAL HEAD FOR LAYER | 24 |
|                 |    | WITH FORMAT: (10G12.5) |    |
| READING ON UNIT | 10 | INITIAL HEAD FOR LAYER | 25 |
|                 |    | WITH FORMAT: (10G12.5) |    |
| READING ON UNIT | 10 | INITIAL HEAD FOR LAYER | 26 |
|                 |    | WITH FORMAT: (10G12.5) |    |
| READING ON UNIT | 10 | INITIAL HEAD FOR LAYER | 27 |
|                 |    | WITH FORMAT: (10G12.5) |    |
| READING ON UNIT | 10 | INITIAL HEAD FOR LAYER | 28 |
|                 |    | WITH FORMAT: (10G12.5) |    |
| READING ON UNIT | 10 | INITIAL HEAD FOR LAYER | 29 |
|                 |    | WITH FORMAT: (10G12.5) |    |
| READING ON UNIT | 10 | INITIAL HEAD FOR LAYER | 30 |
|                 |    | WITH FORMAT: (10G12.5) |    |
| READING ON UNIT | 10 | INITIAL HEAD FOR LAYER | 31 |
|                 |    | WITH FORMAT: (10G12.5) |    |
| READING ON UNIT | 10 | INITIAL HEAD FOR LAYER | 32 |
|                 |    | WITH FORMAT: (10G12.5) |    |
| READING ON UNIT | 10 | INITIAL HEAD FOR LAYER | 33 |
|                 |    | WITH FORMAT: (10G12.5) |    |
| READING ON UNIT | 10 | INITIAL HEAD FOR LAYER | 34 |
|                 |    | WITH FORMAT: (10G12.5) |    |
| READING ON UNIT | 10 | INITIAL HEAD FOR LAYER | 35 |
|                 |    | WITH FORMAT: (10G12.5) |    |
| READING ON UNIT | 10 | INITIAL HEAD FOR LAYER | 36 |
|                 |    | WITH FORMAT: (10G12.5) |    |

SECTION\_A\_CASE\_III\_NOD3

READING ON UNIT 10 INITIAL HEAD FOR LAYER 37  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 38  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 39  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 40  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 41  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 42  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 43  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 44  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 45  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 46  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 47  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 48  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 49  
WITH FORMAT: (10G12.5)

SECTION\_A\_CASE\_III\_NOD3

|                 |    |                        |    |
|-----------------|----|------------------------|----|
| READING ON UNIT | 10 | INITIAL HEAD FOR LAYER | 50 |
|                 |    | WITH FORMAT: (10G12.5) |    |
| READING ON UNIT | 10 | INITIAL HEAD FOR LAYER | 51 |
|                 |    | WITH FORMAT: (10G12.5) |    |
| READING ON UNIT | 10 | INITIAL HEAD FOR LAYER | 52 |
|                 |    | WITH FORMAT: (10G12.5) |    |
| READING ON UNIT | 10 | INITIAL HEAD FOR LAYER | 53 |
|                 |    | WITH FORMAT: (10G12.5) |    |
| READING ON UNIT | 10 | INITIAL HEAD FOR LAYER | 54 |
|                 |    | WITH FORMAT: (10G12.5) |    |
| READING ON UNIT | 10 | INITIAL HEAD FOR LAYER | 55 |
|                 |    | WITH FORMAT: (10G12.5) |    |
| READING ON UNIT | 10 | INITIAL HEAD FOR LAYER | 56 |
|                 |    | WITH FORMAT: (10G12.5) |    |
| READING ON UNIT | 10 | INITIAL HEAD FOR LAYER | 57 |
|                 |    | WITH FORMAT: (10G12.5) |    |
| READING ON UNIT | 10 | INITIAL HEAD FOR LAYER | 58 |
|                 |    | WITH FORMAT: (10G12.5) |    |
| READING ON UNIT | 10 | INITIAL HEAD FOR LAYER | 59 |
|                 |    | WITH FORMAT: (10G12.5) |    |
| READING ON UNIT | 10 | INITIAL HEAD FOR LAYER | 60 |
|                 |    | WITH FORMAT: (10G12.5) |    |
| READING ON UNIT | 10 | INITIAL HEAD FOR LAYER | 61 |
|                 |    | WITH FORMAT: (10G12.5) |    |
| READING ON UNIT | 10 | INITIAL HEAD FOR LAYER | 62 |
|                 |    | WITH FORMAT: (10G12.5) |    |

SECTION\_A\_CASE\_III\_NOD3

READING ON UNIT 10 INITIAL HEAD FOR LAYER 63  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 64  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 65  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 66  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 67  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 68  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 69  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 70  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 71  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 72  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 73  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 74  
WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 75  
WITH FORMAT: (10G12.5)

SECTION\_A\_CASE\_III\_NOD3

READING ON UNIT 10 INITIAL HEAD FOR LAYER 76 WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 77 WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 78 WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 79 WITH FORMAT: (10G12.5)

READING ON UNIT 10 INITIAL HEAD FOR LAYER 80 WITH FORMAT: (10G12.5)

OUTPUT CONTROL IS SPECIFIED EVERY TIME STEP  
 HEAD PRINT FORMAT CODE IS 0 DRAWDOWN PRINT FORMAT CODE IS 0  
 HEADS WILL BE SAVED ON UNIT 150 DRAWDOWNS WILL BE SAVED ON UNIT 151

LPF -- LAYER-PROPERTY FLOW PACKAGE, VERSION 7, 5/2/2005

INPUT READ FROM UNIT 33

#Layer Property Flow Package translator - (c) 2001 Waterloo Hydrogeologic Software

#SECTION\_A\_CASE\_III\_NOD3.LPF Thu Jan 17 17:01:57 2013

CELL-BY-CELL FLOWS WILL BE SAVED ON UNIT 154

HEAD AT CELLS THAT CONVERT TO DRY= -1.00000E+30

No named parameters

| LAYER FLAGS: |        |        |           |        |        |
|--------------|--------|--------|-----------|--------|--------|
| LAYER        | LAYTYP | LAYAVG | CHANI     | LAYVKA | LAYWET |
| 1            | 3      | 0      | 1.000E+00 | 0      | 1      |
| 2            | 3      | 0      | 1.000E+00 | 0      | 1      |
| 3            | 3      | 0      | 1.000E+00 | 0      | 1      |
| 4            | 3      | 0      | 1.000E+00 | 0      | 1      |
| 5            | 3      | 0      | 1.000E+00 | 0      | 1      |
| 6            | 3      | 0      | 1.000E+00 | 0      | 1      |
| 7            | 3      | 0      | 1.000E+00 | 0      | 1      |
| 8            | 3      | 0      | 1.000E+00 | 0      | 1      |
| 9            | 3      | 0      | 1.000E+00 | 0      | 1      |
| 10           | 3      | 0      | 1.000E+00 | 0      | 1      |
| 11           | 3      | 0      | 1.000E+00 | 0      | 1      |
| 12           | 3      | 0      | 1.000E+00 | 0      | 1      |
| 13           | 3      | 0      | 1.000E+00 | 0      | 1      |
| 14           | 3      | 0      | 1.000E+00 | 0      | 1      |
| 15           | 3      | 0      | 1.000E+00 | 0      | 1      |
| 16           | 3      | 0      | 1.000E+00 | 0      | 1      |
| 17           | 3      | 0      | 1.000E+00 | 0      | 1      |
| 18           | 3      | 0      | 1.000E+00 | 0      | 1      |
| 19           | 3      | 0      | 1.000E+00 | 0      | 1      |
| 20           | 3      | 0      | 1.000E+00 | 0      | 1      |
| 21           | 3      | 0      | 1.000E+00 | 0      | 1      |
| 22           | 3      | 0      | 1.000E+00 | 0      | 1      |
| 23           | 3      | 0      | 1.000E+00 | 0      | 1      |
| 24           | 3      | 0      | 1.000E+00 | 0      | 1      |

## SECTION\_A\_CASE\_III\_NOD3

|    |   |   |           |   |   |
|----|---|---|-----------|---|---|
| 25 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 26 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 27 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 28 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 29 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 30 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 31 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 32 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 33 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 34 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 35 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 36 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 37 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 38 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 39 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 40 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 41 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 42 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 43 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 44 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 45 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 46 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 47 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 48 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 49 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 50 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 51 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 52 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 53 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 54 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 55 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 56 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 57 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 58 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 59 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 60 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 61 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 62 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 63 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 64 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 65 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 66 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 67 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 68 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 69 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 70 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 71 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 72 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 73 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 74 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 75 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 76 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 77 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 78 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 79 | 3 | 0 | 1.000E+00 | 0 | 1 |
| 80 | 3 | 0 | 1.000E+00 | 0 | 1 |

## INTERPRETATION OF LAYER FLAGS:

| LAYER | LAYER TYPE<br>(LAYTYP) | INTERBLOCK<br>TRANSMISSIVITY<br>(LAYAVG) | HORIZONTAL<br>ANISOTROPY<br>(CHANI) | DATA IN<br>ARRAY VKA<br>(LAYVKA) | WETTABILITY<br>(LAYWET) |
|-------|------------------------|--|-------------------------------------|----------------------------------|-------------------------|
| 1     | CONVERTIBLE            | HARMONIC                                 | 1.000E+00                           | VERTICAL K                       | WETTABLE                |
| 2     | CONVERTIBLE            | HARMONIC                                 | 1.000E+00                           | VERTICAL K                       | WETTABLE                |
| 3     | CONVERTIBLE            | HARMONIC                                 | 1.000E+00                           | VERTICAL K                       | WETTABLE                |



SECTION\_A\_CASE\_III\_NOD3

|    |             |          |           |            |          |
|----|-------------|----------|-----------|------------|----------|
| 69 | CONVERTIBLE | HARMONIC | 1.000E+00 | VERTICAL K | WETTABLE |
| 70 | CONVERTIBLE | HARMONIC | 1.000E+00 | VERTICAL K | WETTABLE |
| 71 | CONVERTIBLE | HARMONIC | 1.000E+00 | VERTICAL K | WETTABLE |
| 72 | CONVERTIBLE | HARMONIC | 1.000E+00 | VERTICAL K | WETTABLE |
| 73 | CONVERTIBLE | HARMONIC | 1.000E+00 | VERTICAL K | WETTABLE |
| 74 | CONVERTIBLE | HARMONIC | 1.000E+00 | VERTICAL K | WETTABLE |
| 75 | CONVERTIBLE | HARMONIC | 1.000E+00 | VERTICAL K | WETTABLE |
| 76 | CONVERTIBLE | HARMONIC | 1.000E+00 | VERTICAL K | WETTABLE |
| 77 | CONVERTIBLE | HARMONIC | 1.000E+00 | VERTICAL K | WETTABLE |
| 78 | CONVERTIBLE | HARMONIC | 1.000E+00 | VERTICAL K | WETTABLE |
| 79 | CONVERTIBLE | HARMONIC | 1.000E+00 | VERTICAL K | WETTABLE |
| 80 | CONVERTIBLE | HARMONIC | 1.000E+00 | VERTICAL K | WETTABLE |

WETTING CAPABILITY IS ACTIVE IN 80 LAYERS  
 WETTING FACTOR= 1.000000  
 WETTING ITERATION INTERVAL= 3  
 IHDWET= 0

HYD. COND. ALONG ROWS FOR LAYER 1  
 READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 1  
 READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 1  
 READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 1  
 READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 1  
 READING ON UNIT 33 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 2  
 READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 2  
 READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 2  
 READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 2  
 READING ON UNIT 33 WITH FORMAT: (10G11.4)



## SECTION\_A\_CASE\_III\_NOD3

|                 |  |   |
|-----------------|--|---|
| READING ON UNIT | WETDRY PARAMETER FOR LAYER 2<br>33 WITH FORMAT: (10G11.4)      | 2 |
| READING ON UNIT | HYD. COND. ALONG ROWS FOR LAYER 3<br>33 WITH FORMAT: (10G11.4) | 3 |
| READING ON UNIT | VERTICAL HYD. COND. FOR LAYER 3<br>33 WITH FORMAT: (10G11.4)   | 3 |
| READING ON UNIT | SPECIFIC STORAGE FOR LAYER 3<br>33 WITH FORMAT: (10G11.4)      | 3 |
| READING ON UNIT | SPECIFIC YIELD FOR LAYER 3<br>33 WITH FORMAT: (10G11.4)        | 3 |
| READING ON UNIT | WETDRY PARAMETER FOR LAYER 3<br>33 WITH FORMAT: (10G11.4)      | 3 |
| READING ON UNIT | HYD. COND. ALONG ROWS FOR LAYER 4<br>33 WITH FORMAT: (10G11.4) | 4 |
| READING ON UNIT | VERTICAL HYD. COND. FOR LAYER 4<br>33 WITH FORMAT: (10G11.4)   | 4 |
| READING ON UNIT | SPECIFIC STORAGE FOR LAYER 4<br>33 WITH FORMAT: (10G11.4)      | 4 |
| READING ON UNIT | SPECIFIC YIELD FOR LAYER 4<br>33 WITH FORMAT: (10G11.4)        | 4 |
| READING ON UNIT | WETDRY PARAMETER FOR LAYER 4<br>33 WITH FORMAT: (10G11.4)      | 4 |
| READING ON UNIT | HYD. COND. ALONG ROWS FOR LAYER 5<br>33 WITH FORMAT: (10G11.4) | 5 |
| READING ON UNIT | VERTICAL HYD. COND. FOR LAYER 5<br>33 WITH FORMAT: (10G11.4)   | 5 |

## SECTION\_A\_CASE\_III\_NOD3

|                 |  |
|-----------------|--|
| READING ON UNIT | SPECIFIC STORAGE FOR LAYER 5<br>33 WITH FORMAT: (10G11.4)      |
| READING ON UNIT | SPECIFIC YIELD FOR LAYER 5<br>33 WITH FORMAT: (10G11.4)        |
| READING ON UNIT | WETDRY PARAMETER FOR LAYER 5<br>33 WITH FORMAT: (10G11.4)      |
| READING ON UNIT | HYD. COND. ALONG ROWS FOR LAYER 6<br>33 WITH FORMAT: (10G11.4) |
| READING ON UNIT | VERTICAL HYD. COND. FOR LAYER 6<br>33 WITH FORMAT: (10G11.4)   |
| READING ON UNIT | SPECIFIC STORAGE FOR LAYER 6<br>33 WITH FORMAT: (10G11.4)      |
| READING ON UNIT | SPECIFIC YIELD FOR LAYER 6<br>33 WITH FORMAT: (10G11.4)        |
| READING ON UNIT | WETDRY PARAMETER FOR LAYER 6<br>33 WITH FORMAT: (10G11.4)      |
| READING ON UNIT | HYD. COND. ALONG ROWS FOR LAYER 7<br>33 WITH FORMAT: (10G11.4) |
| READING ON UNIT | VERTICAL HYD. COND. FOR LAYER 7<br>33 WITH FORMAT: (10G11.4)   |
| READING ON UNIT | SPECIFIC STORAGE FOR LAYER 7<br>33 WITH FORMAT: (10G11.4)      |
| READING ON UNIT | SPECIFIC YIELD FOR LAYER 7<br>33 WITH FORMAT: (10G11.4)        |
| READING ON UNIT | WETDRY PARAMETER FOR LAYER 7<br>33 WITH FORMAT: (10G11.4)      |

## SECTION\_A\_CASE\_III\_NOD3

HYD. COND. ALONG ROWS FOR LAYER 8  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 8  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 8  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 8  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 8  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 9  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 9  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 9  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 9  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 9  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 10  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 10  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 10  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

## SECTION\_A\_CASE\_III\_NOD3

READING ON UNIT      SPECIFIC YIELD FOR LAYER 10  
33 WITH FORMAT: (10G11.4)

READING ON UNIT      WETDRY PARAMETER FOR LAYER 10  
33 WITH FORMAT: (10G11.4)

READING ON UNIT      HYD. COND. ALONG ROWS FOR LAYER 11  
33 WITH FORMAT: (10G11.4)

READING ON UNIT      VERTICAL HYD. COND. FOR LAYER 11  
33 WITH FORMAT: (10G11.4)

READING ON UNIT      SPECIFIC STORAGE FOR LAYER 11  
33 WITH FORMAT: (10G11.4)

READING ON UNIT      SPECIFIC YIELD FOR LAYER 11  
33 WITH FORMAT: (10G11.4)

READING ON UNIT      WETDRY PARAMETER FOR LAYER 11  
33 WITH FORMAT: (10G11.4)

READING ON UNIT      HYD. COND. ALONG ROWS FOR LAYER 12  
33 WITH FORMAT: (10G11.4)

READING ON UNIT      VERTICAL HYD. COND. FOR LAYER 12  
33 WITH FORMAT: (10G11.4)

READING ON UNIT      SPECIFIC STORAGE FOR LAYER 12  
33 WITH FORMAT: (10G11.4)

READING ON UNIT      SPECIFIC YIELD FOR LAYER 12  
33 WITH FORMAT: (10G11.4)

READING ON UNIT      WETDRY PARAMETER FOR LAYER 12  
33 WITH FORMAT: (10G11.4)

READING ON UNIT      HYD. COND. ALONG ROWS FOR LAYER 13  
33 WITH FORMAT: (10G11.4)

## SECTION\_A\_CASE\_III\_NOD3

VERTICAL HYD. COND. FOR LAYER 13  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 13  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 13  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 13  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 14  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 14  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 14  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 14  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 14  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 15  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 15  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 15  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 15  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

## SECTION\_A\_CASE\_III\_NOD3

READING ON UNIT WETDRY PARAMETER FOR LAYER 15  
33 WITH FORMAT: (10G11.4)

READING ON UNIT HYD. COND. ALONG ROWS FOR LAYER 16  
33 WITH FORMAT: (10G11.4)

READING ON UNIT VERTICAL HYD. COND. FOR LAYER 16  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC STORAGE FOR LAYER 16  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC YIELD FOR LAYER 16  
33 WITH FORMAT: (10G11.4)

READING ON UNIT WETDRY PARAMETER FOR LAYER 16  
33 WITH FORMAT: (10G11.4)

READING ON UNIT HYD. COND. ALONG ROWS FOR LAYER 17  
33 WITH FORMAT: (10G11.4)

READING ON UNIT VERTICAL HYD. COND. FOR LAYER 17  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC STORAGE FOR LAYER 17  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC YIELD FOR LAYER 17  
33 WITH FORMAT: (10G11.4)

READING ON UNIT WETDRY PARAMETER FOR LAYER 17  
33 WITH FORMAT: (10G11.4)

READING ON UNIT HYD. COND. ALONG ROWS FOR LAYER 18  
33 WITH FORMAT: (10G11.4)

READING ON UNIT VERTICAL HYD. COND. FOR LAYER 18  
33 WITH FORMAT: (10G11.4)

## SECTION\_A\_CASE\_III\_NOD3

READING ON UNIT SPECIFIC STORAGE FOR LAYER 18  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC YIELD FOR LAYER 18  
33 WITH FORMAT: (10G11.4)

READING ON UNIT WETDRY PARAMETER FOR LAYER 18  
33 WITH FORMAT: (10G11.4)

READING ON UNIT HYD. COND. ALONG ROWS FOR LAYER 19  
33 WITH FORMAT: (10G11.4)

READING ON UNIT VERTICAL HYD. COND. FOR LAYER 19  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC STORAGE FOR LAYER 19  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC YIELD FOR LAYER 19  
33 WITH FORMAT: (10G11.4)

READING ON UNIT WETDRY PARAMETER FOR LAYER 19  
33 WITH FORMAT: (10G11.4)

READING ON UNIT HYD. COND. ALONG ROWS FOR LAYER 20  
33 WITH FORMAT: (10G11.4)

READING ON UNIT VERTICAL HYD. COND. FOR LAYER 20  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC STORAGE FOR LAYER 20  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC YIELD FOR LAYER 20  
33 WITH FORMAT: (10G11.4)

READING ON UNIT WETDRY PARAMETER FOR LAYER 20  
33 WITH FORMAT: (10G11.4)

## SECTION\_A\_CASE\_III\_NOD3

HYD. COND. ALONG ROWS FOR LAYER 21  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 21  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 21  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 21  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 21  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 22  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 22  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 22  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 22  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 22  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 23  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 23  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 23  
READING ON UNIT 33 WITH FORMAT: (10G11.4)



## SECTION\_A\_CASE\_III\_NOD3

|                 |   |
|-----------------|---|
| READING ON UNIT | SPECIFIC YIELD FOR LAYER 23<br>33 WITH FORMAT: (10G11.4)        |
| READING ON UNIT | WETDRY PARAMETER FOR LAYER 23<br>33 WITH FORMAT: (10G11.4)      |
| READING ON UNIT | HYD. COND. ALONG ROWS FOR LAYER 24<br>33 WITH FORMAT: (10G11.4) |
| READING ON UNIT | VERTICAL HYD. COND. FOR LAYER 24<br>33 WITH FORMAT: (10G11.4)   |
| READING ON UNIT | SPECIFIC STORAGE FOR LAYER 24<br>33 WITH FORMAT: (10G11.4)      |
| READING ON UNIT | SPECIFIC YIELD FOR LAYER 24<br>33 WITH FORMAT: (10G11.4)        |
| READING ON UNIT | WETDRY PARAMETER FOR LAYER 24<br>33 WITH FORMAT: (10G11.4)      |
| READING ON UNIT | HYD. COND. ALONG ROWS FOR LAYER 25<br>33 WITH FORMAT: (10G11.4) |
| READING ON UNIT | VERTICAL HYD. COND. FOR LAYER 25<br>33 WITH FORMAT: (10G11.4)   |
| READING ON UNIT | SPECIFIC STORAGE FOR LAYER 25<br>33 WITH FORMAT: (10G11.4)      |
| READING ON UNIT | SPECIFIC YIELD FOR LAYER 25<br>33 WITH FORMAT: (10G11.4)        |
| READING ON UNIT | WETDRY PARAMETER FOR LAYER 25<br>33 WITH FORMAT: (10G11.4)      |
| READING ON UNIT | HYD. COND. ALONG ROWS FOR LAYER 26<br>33 WITH FORMAT: (10G11.4) |

## SECTION\_A\_CASE\_III\_NOD3

VERTICAL HYD. COND. FOR LAYER 26  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 26  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 26  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 26  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 27  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 27  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 27  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 27  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 27  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 28  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 28  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 28  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 28  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

## SECTION\_A\_CASE\_III\_NOD3

READING ON UNIT WETDRY PARAMETER FOR LAYER 28  
33 WITH FORMAT: (10G11.4)

READING ON UNIT HYD. COND. ALONG ROWS FOR LAYER 29  
33 WITH FORMAT: (10G11.4)

READING ON UNIT VERTICAL HYD. COND. FOR LAYER 29  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC STORAGE FOR LAYER 29  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC YIELD FOR LAYER 29  
33 WITH FORMAT: (10G11.4)

READING ON UNIT WETDRY PARAMETER FOR LAYER 29  
33 WITH FORMAT: (10G11.4)

READING ON UNIT HYD. COND. ALONG ROWS FOR LAYER 30  
33 WITH FORMAT: (10G11.4)

READING ON UNIT VERTICAL HYD. COND. FOR LAYER 30  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC STORAGE FOR LAYER 30  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC YIELD FOR LAYER 30  
33 WITH FORMAT: (10G11.4)

READING ON UNIT WETDRY PARAMETER FOR LAYER 30  
33 WITH FORMAT: (10G11.4)

READING ON UNIT HYD. COND. ALONG ROWS FOR LAYER 31  
33 WITH FORMAT: (10G11.4)

READING ON UNIT VERTICAL HYD. COND. FOR LAYER 31  
33 WITH FORMAT: (10G11.4)

## SECTION\_A\_CASE\_III\_NOD3

|                 |   |    |
|-----------------|---|----|
| READING ON UNIT | SPECIFIC STORAGE FOR LAYER 31<br>33 WITH FORMAT: (10G11.4)      | 31 |
| READING ON UNIT | SPECIFIC YIELD FOR LAYER 31<br>33 WITH FORMAT: (10G11.4)        | 31 |
| READING ON UNIT | WETDRY PARAMETER FOR LAYER 31<br>33 WITH FORMAT: (10G11.4)      | 31 |
| READING ON UNIT | HYD. COND. ALONG ROWS FOR LAYER 32<br>33 WITH FORMAT: (10G11.4) | 32 |
| READING ON UNIT | VERTICAL HYD. COND. FOR LAYER 32<br>33 WITH FORMAT: (10G11.4)   | 32 |
| READING ON UNIT | SPECIFIC STORAGE FOR LAYER 32<br>33 WITH FORMAT: (10G11.4)      | 32 |
| READING ON UNIT | SPECIFIC YIELD FOR LAYER 32<br>33 WITH FORMAT: (10G11.4)        | 32 |
| READING ON UNIT | WETDRY PARAMETER FOR LAYER 32<br>33 WITH FORMAT: (10G11.4)      | 32 |
| READING ON UNIT | HYD. COND. ALONG ROWS FOR LAYER 33<br>33 WITH FORMAT: (10G11.4) | 33 |
| READING ON UNIT | VERTICAL HYD. COND. FOR LAYER 33<br>33 WITH FORMAT: (10G11.4)   | 33 |
| READING ON UNIT | SPECIFIC STORAGE FOR LAYER 33<br>33 WITH FORMAT: (10G11.4)      | 33 |
| READING ON UNIT | SPECIFIC YIELD FOR LAYER 33<br>33 WITH FORMAT: (10G11.4)        | 33 |
| READING ON UNIT | WETDRY PARAMETER FOR LAYER 33<br>33 WITH FORMAT: (10G11.4)      | 33 |

SECTION\_A\_CASE\_III\_NOD3

HYD. COND. ALONG ROWS FOR LAYER 34  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 34  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 34  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 34  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 34  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 35  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 35  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 35  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 35  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 35  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 36  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 36  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 36  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

## SECTION\_A\_CASE\_III\_NOD3

READING ON UNIT      SPECIFIC YIELD FOR LAYER 36  
33 WITH FORMAT: (10G11.4)

READING ON UNIT      WETDRY PARAMETER FOR LAYER 36  
33 WITH FORMAT: (10G11.4)

READING ON UNIT      HYD. COND. ALONG ROWS FOR LAYER 37  
33 WITH FORMAT: (10G11.4)

READING ON UNIT      VERTICAL HYD. COND. FOR LAYER 37  
33 WITH FORMAT: (10G11.4)

READING ON UNIT      SPECIFIC STORAGE FOR LAYER 37  
33 WITH FORMAT: (10G11.4)

READING ON UNIT      SPECIFIC YIELD FOR LAYER 37  
33 WITH FORMAT: (10G11.4)

READING ON UNIT      WETDRY PARAMETER FOR LAYER 37  
33 WITH FORMAT: (10G11.4)

READING ON UNIT      HYD. COND. ALONG ROWS FOR LAYER 38  
33 WITH FORMAT: (10G11.4)

READING ON UNIT      VERTICAL HYD. COND. FOR LAYER 38  
33 WITH FORMAT: (10G11.4)

READING ON UNIT      SPECIFIC STORAGE FOR LAYER 38  
33 WITH FORMAT: (10G11.4)

READING ON UNIT      SPECIFIC YIELD FOR LAYER 38  
33 WITH FORMAT: (10G11.4)

READING ON UNIT      WETDRY PARAMETER FOR LAYER 38  
33 WITH FORMAT: (10G11.4)

READING ON UNIT      HYD. COND. ALONG ROWS FOR LAYER 39  
33 WITH FORMAT: (10G11.4)

## SECTION\_A\_CASE\_III\_NOD3

VERTICAL HYD. COND. FOR LAYER 39  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 39  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 39  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 39  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 40  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 40  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 40  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 40  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 40  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 41  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 41  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 41  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 41  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

## SECTION\_A\_CASE\_III\_NOD3

READING ON UNIT WETDRY PARAMETER FOR LAYER 41  
33 WITH FORMAT: (10G11.4)

READING ON UNIT HYD. COND. ALONG ROWS FOR LAYER 42  
33 WITH FORMAT: (10G11.4)

READING ON UNIT VERTICAL HYD. COND. FOR LAYER 42  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC STORAGE FOR LAYER 42  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC YIELD FOR LAYER 42  
33 WITH FORMAT: (10G11.4)

READING ON UNIT WETDRY PARAMETER FOR LAYER 42  
33 WITH FORMAT: (10G11.4)

READING ON UNIT HYD. COND. ALONG ROWS FOR LAYER 43  
33 WITH FORMAT: (10G11.4)

READING ON UNIT VERTICAL HYD. COND. FOR LAYER 43  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC STORAGE FOR LAYER 43  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC YIELD FOR LAYER 43  
33 WITH FORMAT: (10G11.4)

READING ON UNIT WETDRY PARAMETER FOR LAYER 43  
33 WITH FORMAT: (10G11.4)

READING ON UNIT HYD. COND. ALONG ROWS FOR LAYER 44  
33 WITH FORMAT: (10G11.4)

READING ON UNIT VERTICAL HYD. COND. FOR LAYER 44  
33 WITH FORMAT: (10G11.4)



## SECTION\_A\_CASE\_III\_NOD3

READING ON UNIT SPECIFIC STORAGE FOR LAYER 44  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC YIELD FOR LAYER 44  
33 WITH FORMAT: (10G11.4)

READING ON UNIT WETDRY PARAMETER FOR LAYER 44  
33 WITH FORMAT: (10G11.4)

READING ON UNIT HYD. COND. ALONG ROWS FOR LAYER 45  
33 WITH FORMAT: (10G11.4)

READING ON UNIT VERTICAL HYD. COND. FOR LAYER 45  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC STORAGE FOR LAYER 45  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC YIELD FOR LAYER 45  
33 WITH FORMAT: (10G11.4)

READING ON UNIT WETDRY PARAMETER FOR LAYER 45  
33 WITH FORMAT: (10G11.4)

READING ON UNIT HYD. COND. ALONG ROWS FOR LAYER 46  
33 WITH FORMAT: (10G11.4)

READING ON UNIT VERTICAL HYD. COND. FOR LAYER 46  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC STORAGE FOR LAYER 46  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC YIELD FOR LAYER 46  
33 WITH FORMAT: (10G11.4)

READING ON UNIT WETDRY PARAMETER FOR LAYER 46  
33 WITH FORMAT: (10G11.4)

SECTION\_A\_CASE\_III\_NOD3

HYD. COND. ALONG ROWS FOR LAYER 47  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 47  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 47  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 47  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 47  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 48  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 48  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 48  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 48  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 48  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 49  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 49  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 49  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

## SECTION\_A\_CASE\_III\_NOD3

READING ON UNIT      SPECIFIC YIELD FOR LAYER 49  
 33 WITH FORMAT: (10G11.4)

READING ON UNIT      WETDRY PARAMETER FOR LAYER 49  
 33 WITH FORMAT: (10G11.4)

READING ON UNIT      HYD. COND. ALONG ROWS FOR LAYER 50  
 33 WITH FORMAT: (10G11.4)

READING ON UNIT      VERTICAL HYD. COND. FOR LAYER 50  
 33 WITH FORMAT: (10G11.4)

READING ON UNIT      SPECIFIC STORAGE FOR LAYER 50  
 33 WITH FORMAT: (10G11.4)

READING ON UNIT      SPECIFIC YIELD FOR LAYER 50  
 33 WITH FORMAT: (10G11.4)

READING ON UNIT      WETDRY PARAMETER FOR LAYER 50  
 33 WITH FORMAT: (10G11.4)

READING ON UNIT      HYD. COND. ALONG ROWS FOR LAYER 51  
 33 WITH FORMAT: (10G11.4)

READING ON UNIT      VERTICAL HYD. COND. FOR LAYER 51  
 33 WITH FORMAT: (10G11.4)

READING ON UNIT      SPECIFIC STORAGE FOR LAYER 51  
 33 WITH FORMAT: (10G11.4)

READING ON UNIT      SPECIFIC YIELD FOR LAYER 51  
 33 WITH FORMAT: (10G11.4)

READING ON UNIT      WETDRY PARAMETER FOR LAYER 51  
 33 WITH FORMAT: (10G11.4)

READING ON UNIT      HYD. COND. ALONG ROWS FOR LAYER 52  
 33 WITH FORMAT: (10G11.4)

## SECTION\_A\_CASE\_III\_NOD3

VERTICAL HYD. COND. FOR LAYER 52  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 52  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 52  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 52  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 53  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 53  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 53  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 53  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 53  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 54  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 54  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 54  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 54  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

## SECTION\_A\_CASE\_III\_NOD3

READING ON UNIT WETDRY PARAMETER FOR LAYER 54  
33 WITH FORMAT: (10G11.4)

READING ON UNIT HYD. COND. ALONG ROWS FOR LAYER 55  
33 WITH FORMAT: (10G11.4)

READING ON UNIT VERTICAL HYD. COND. FOR LAYER 55  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC STORAGE FOR LAYER 55  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC YIELD FOR LAYER 55  
33 WITH FORMAT: (10G11.4)

READING ON UNIT WETDRY PARAMETER FOR LAYER 55  
33 WITH FORMAT: (10G11.4)

READING ON UNIT HYD. COND. ALONG ROWS FOR LAYER 56  
33 WITH FORMAT: (10G11.4)

READING ON UNIT VERTICAL HYD. COND. FOR LAYER 56  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC STORAGE FOR LAYER 56  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC YIELD FOR LAYER 56  
33 WITH FORMAT: (10G11.4)

READING ON UNIT WETDRY PARAMETER FOR LAYER 56  
33 WITH FORMAT: (10G11.4)

READING ON UNIT HYD. COND. ALONG ROWS FOR LAYER 57  
33 WITH FORMAT: (10G11.4)

READING ON UNIT VERTICAL HYD. COND. FOR LAYER 57  
33 WITH FORMAT: (10G11.4)

## SECTION\_A\_CASE\_III\_NOD3

READING ON UNIT      SPECIFIC STORAGE FOR LAYER 57  
                          33 WITH FORMAT: (10G11.4)

READING ON UNIT      SPECIFIC YIELD FOR LAYER 57  
                          33 WITH FORMAT: (10G11.4)

READING ON UNIT      WETDRY PARAMETER FOR LAYER 57  
                          33 WITH FORMAT: (10G11.4)

READING ON UNIT      HYD. COND. ALONG ROWS FOR LAYER 58  
                          33 WITH FORMAT: (10G11.4)

READING ON UNIT      VERTICAL HYD. COND. FOR LAYER 58  
                          33 WITH FORMAT: (10G11.4)

READING ON UNIT      SPECIFIC STORAGE FOR LAYER 58  
                          33 WITH FORMAT: (10G11.4)

READING ON UNIT      SPECIFIC YIELD FOR LAYER 58  
                          33 WITH FORMAT: (10G11.4)

READING ON UNIT      WETDRY PARAMETER FOR LAYER 58  
                          33 WITH FORMAT: (10G11.4)

READING ON UNIT      HYD. COND. ALONG ROWS FOR LAYER 59  
                          33 WITH FORMAT: (10G11.4)

READING ON UNIT      VERTICAL HYD. COND. FOR LAYER 59  
                          33 WITH FORMAT: (10G11.4)

READING ON UNIT      SPECIFIC STORAGE FOR LAYER 59  
                          33 WITH FORMAT: (10G11.4)

READING ON UNIT      SPECIFIC YIELD FOR LAYER 59  
                          33 WITH FORMAT: (10G11.4)

                         WETDRY PARAMETER =    0.00000      FOR LAYER 59

READING ON UNIT      HYD. COND. ALONG ROWS FOR LAYER 60  
                          33 WITH FORMAT: (10G11.4)

SECTION\_A\_CASE\_III\_NOD3

READING ON UNIT       VERTICAL HYD. COND. FOR LAYER 60  
                          33 WITH FORMAT: (10G11.4)

READING ON UNIT       SPECIFIC STORAGE FOR LAYER 60  
                          33 WITH FORMAT: (10G11.4)

READING ON UNIT       SPECIFIC YIELD FOR LAYER 60  
                          33 WITH FORMAT: (10G11.4)

                  WETDRY PARAMETER = 0.00000       FOR LAYER 60

READING ON UNIT       HYD. COND. ALONG ROWS FOR LAYER 61  
                          33 WITH FORMAT: (10G11.4)

READING ON UNIT       VERTICAL HYD. COND. FOR LAYER 61  
                          33 WITH FORMAT: (10G11.4)

READING ON UNIT       SPECIFIC STORAGE FOR LAYER 61  
                          33 WITH FORMAT: (10G11.4)

READING ON UNIT       SPECIFIC YIELD FOR LAYER 61  
                          33 WITH FORMAT: (10G11.4)

                  WETDRY PARAMETER = 0.00000       FOR LAYER 61

READING ON UNIT       HYD. COND. ALONG ROWS FOR LAYER 62  
                          33 WITH FORMAT: (10G11.4)

READING ON UNIT       VERTICAL HYD. COND. FOR LAYER 62  
                          33 WITH FORMAT: (10G11.4)

READING ON UNIT       SPECIFIC STORAGE FOR LAYER 62  
                          33 WITH FORMAT: (10G11.4)

READING ON UNIT       SPECIFIC YIELD FOR LAYER 62  
                          33 WITH FORMAT: (10G11.4)

                  WETDRY PARAMETER = 0.00000       FOR LAYER 62

READING ON UNIT       HYD. COND. ALONG ROWS FOR LAYER 63  
                          33 WITH FORMAT: (10G11.4)

SECTION\_A\_CASE\_III\_NOD3

VERTICAL HYD. COND. FOR LAYER 63  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 63  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 63  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = 0.00000 FOR LAYER 63

HYD. COND. ALONG ROWS FOR LAYER 64  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 64  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 64  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 64  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = 0.00000 FOR LAYER 64

HYD. COND. ALONG ROWS FOR LAYER 65  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 65  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 65  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 65  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = 0.00000 FOR LAYER 65

HYD. COND. ALONG ROWS FOR LAYER 66



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READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 66  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 66  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 66  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = 0.00000 FOR LAYER 66

HYD. COND. ALONG ROWS FOR LAYER 67  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 67  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 67  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 67  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = 0.00000 FOR LAYER 67

HYD. COND. ALONG ROWS FOR LAYER 68  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 68  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 68  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 68  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = 0.00000 FOR LAYER 68

SECTION\_A\_CASE\_III\_NOD3

HYD. COND. ALONG ROWS FOR LAYER 69  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 69  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 69  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 69  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = 0.00000 FOR LAYER 69

HYD. COND. ALONG ROWS FOR LAYER 70  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 70  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 70  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 70  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = 0.00000 FOR LAYER 70

HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 71

VERTICAL HYD. COND. = 0.589750 FOR LAYER 71

SPECIFIC STORAGE = 2.100000E-04 FOR LAYER 71

SPECIFIC YIELD = 2.000000E-02 FOR LAYER 71

WETDRY PARAMETER = 0.00000 FOR LAYER 71

HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 72

VERTICAL HYD. COND. = 0.589750 FOR LAYER 72

SPECIFIC STORAGE = 2.100000E-04 FOR LAYER 72

SPECIFIC YIELD = 2.000000E-02 FOR LAYER 72

WETDRY PARAMETER = 0.00000 FOR LAYER 72

HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 73

VERTICAL HYD. COND. = 0.589750 FOR LAYER 73

## SECTION\_A\_CASE\_III\_NOD3

SPECIFIC STORAGE = 2.100000E-04 FOR LAYER 73  
SPECIFIC YIELD = 2.000000E-02 FOR LAYER 73  
WETDRY PARAMETER = 0.00000 FOR LAYER 73  
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 74  
VERTICAL HYD. COND. = 0.589750 FOR LAYER 74  
SPECIFIC STORAGE = 2.100000E-04 FOR LAYER 74  
SPECIFIC YIELD = 2.000000E-02 FOR LAYER 74  
WETDRY PARAMETER = 0.00000 FOR LAYER 74  
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 75  
VERTICAL HYD. COND. = 0.589750 FOR LAYER 75  
SPECIFIC STORAGE = 2.100000E-04 FOR LAYER 75  
SPECIFIC YIELD = 2.000000E-02 FOR LAYER 75  
WETDRY PARAMETER = 0.00000 FOR LAYER 75  
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 76  
VERTICAL HYD. COND. = 0.589750 FOR LAYER 76  
SPECIFIC STORAGE = 2.100000E-04 FOR LAYER 76  
SPECIFIC YIELD = 2.000000E-02 FOR LAYER 76  
WETDRY PARAMETER = 0.00000 FOR LAYER 76  
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 77  
VERTICAL HYD. COND. = 0.589750 FOR LAYER 77  
SPECIFIC STORAGE = 2.100000E-04 FOR LAYER 77  
SPECIFIC YIELD = 2.000000E-02 FOR LAYER 77  
WETDRY PARAMETER = 0.00000 FOR LAYER 77  
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 78  
VERTICAL HYD. COND. = 0.589750 FOR LAYER 78  
SPECIFIC STORAGE = 2.100000E-04 FOR LAYER 78  
SPECIFIC YIELD = 2.000000E-02 FOR LAYER 78  
WETDRY PARAMETER = 0.00000 FOR LAYER 78  
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 79  
VERTICAL HYD. COND. = 0.589750 FOR LAYER 79  
SPECIFIC STORAGE = 2.100000E-04 FOR LAYER 79  
SPECIFIC YIELD = 2.000000E-02 FOR LAYER 79

SECTION\_A\_CASE\_III\_NOD3

WETDRY PARAMETER = 0.00000 FOR LAYER 79

HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 80

VERTICAL HYD. COND. = 0.589750 FOR LAYER 80

SPECIFIC STORAGE = 2.100000E-04 FOR LAYER 80

SPECIFIC YIELD = 2.000000E-02 FOR LAYER 80

WETDRY PARAMETER = 0.00000 FOR LAYER 80

DRN -- DRAIN PACKAGE, VERSION 7, 5/2/2005 INPUT READ FROM UNIT 13  
 No named parameters  
 MAXIMUM OF 35 ACTIVE DRAINS AT ONE TIME  
 CELL-BY-CELL FLOWS WILL BE SAVED ON UNIT 154

0 Drain parameters

RCH -- RECHARGE PACKAGE, VERSION 7, 5/2/2005 INPUT READ FROM UNIT 18  
 No named parameters  
 OPTION 3 -- RECHARGE TO HIGHEST ACTIVE NODE IN EACH VERTICAL COLUMN  
 CELL-BY-CELL FLOWS WILL BE SAVED ON UNIT 154

0 Recharge parameters

HFB -- HORIZONTAL-FLOW BARRIER PACKAGE, VERSION 7, 5/2/2005.  
 INPUT READ FROM UNIT 31  
 0 PARAMETERS DEFINE A MAXIMUM OF 0 HORIZONTAL FLOW BARRIERS  
 84 HORIZONTAL FLOW BARRIERS NOT DEFINED BY PARAMETERS

0 HFB parameters

84 BARRIERS NOT DEFINED BY PARAMETERS

| BARRIER | LAYER | IROW1 | ICOL1 | IROW2 | ICOL2 | HYDCHR     |
|---------|-------|-------|-------|-------|-------|------------|
| 1       | 1     | 1     | 12    | 1     | 11    | 3.4488E-02 |
| 2       | 1     | 1     | 331   | 1     | 330   | 3.4488E-02 |
| 3       | 2     | 1     | 12    | 1     | 11    | 3.4488E-02 |
| 4       | 2     | 1     | 331   | 1     | 330   | 3.4488E-02 |
| 5       | 3     | 1     | 12    | 1     | 11    | 3.4488E-02 |
| 6       | 3     | 1     | 331   | 1     | 330   | 3.4488E-02 |
| 7       | 4     | 1     | 12    | 1     | 11    | 3.4488E-02 |
| 8       | 4     | 1     | 331   | 1     | 330   | 3.4488E-02 |
| 9       | 5     | 1     | 12    | 1     | 11    | 3.4488E-02 |
| 10      | 5     | 1     | 331   | 1     | 330   | 3.4488E-02 |
| 11      | 6     | 1     | 12    | 1     | 11    | 3.4488E-02 |
| 12      | 6     | 1     | 331   | 1     | 330   | 3.4488E-02 |
| 13      | 7     | 1     | 12    | 1     | 11    | 3.4488E-02 |
| 14      | 7     | 1     | 331   | 1     | 330   | 3.4488E-02 |
| 15      | 8     | 1     | 12    | 1     | 11    | 3.4488E-02 |
| 16      | 8     | 1     | 331   | 1     | 330   | 3.4488E-02 |
| 17      | 9     | 1     | 12    | 1     | 11    | 3.4488E-02 |
| 18      | 9     | 1     | 331   | 1     | 330   | 3.4488E-02 |
| 19      | 10    | 1     | 12    | 1     | 11    | 3.4488E-02 |
| 20      | 10    | 1     | 331   | 1     | 330   | 3.4488E-02 |
| 21      | 11    | 1     | 12    | 1     | 11    | 3.4488E-02 |
| 22      | 11    | 1     | 331   | 1     | 330   | 3.4488E-02 |
| 23      | 12    | 1     | 12    | 1     | 11    | 3.4488E-02 |
| 24      | 12    | 1     | 331   | 1     | 330   | 3.4488E-02 |
| 25      | 13    | 1     | 12    | 1     | 11    | 3.4488E-02 |

| SECTION_A_CASE_III_NOD3 |    |   |     |   |     |            |
|-------------------------|----|---|-----|---|-----|------------|
| 26                      | 13 | 1 | 331 | 1 | 330 | 3.4488E-02 |
| 27                      | 14 | 1 | 12  | 1 | 11  | 3.4488E-02 |
| 28                      | 14 | 1 | 331 | 1 | 330 | 3.4488E-02 |
| 29                      | 15 | 1 | 12  | 1 | 11  | 3.4488E-02 |
| 30                      | 15 | 1 | 331 | 1 | 330 | 3.4488E-02 |
| 31                      | 16 | 1 | 12  | 1 | 11  | 3.4488E-02 |
| 32                      | 16 | 1 | 331 | 1 | 330 | 3.4488E-02 |
| 33                      | 17 | 1 | 12  | 1 | 11  | 3.4488E-02 |
| 34                      | 17 | 1 | 331 | 1 | 330 | 3.4488E-02 |
| 35                      | 18 | 1 | 12  | 1 | 11  | 3.4488E-02 |
| 36                      | 18 | 1 | 331 | 1 | 330 | 3.4488E-02 |
| 37                      | 19 | 1 | 12  | 1 | 11  | 3.4488E-02 |
| 38                      | 19 | 1 | 331 | 1 | 330 | 3.4488E-02 |
| 39                      | 20 | 1 | 12  | 1 | 11  | 3.4488E-02 |
| 40                      | 20 | 1 | 331 | 1 | 330 | 3.4488E-02 |
| 41                      | 21 | 1 | 12  | 1 | 11  | 3.4488E-02 |
| 42                      | 21 | 1 | 331 | 1 | 330 | 3.4488E-02 |
| 43                      | 22 | 1 | 12  | 1 | 11  | 3.4488E-02 |
| 44                      | 22 | 1 | 331 | 1 | 330 | 3.4488E-02 |
| 45                      | 23 | 1 | 12  | 1 | 11  | 3.4488E-02 |
| 46                      | 23 | 1 | 331 | 1 | 330 | 3.4488E-02 |
| 47                      | 24 | 1 | 12  | 1 | 11  | 3.4488E-02 |
| 48                      | 24 | 1 | 331 | 1 | 330 | 3.4488E-02 |
| 49                      | 25 | 1 | 12  | 1 | 11  | 3.4488E-02 |
| 50                      | 25 | 1 | 331 | 1 | 330 | 3.4488E-02 |
| 51                      | 26 | 1 | 331 | 1 | 330 | 3.4488E-02 |
| 52                      | 27 | 1 | 331 | 1 | 330 | 3.4488E-02 |
| 53                      | 28 | 1 | 331 | 1 | 330 | 3.4488E-02 |
| 54                      | 29 | 1 | 331 | 1 | 330 | 3.4488E-02 |
| 55                      | 30 | 1 | 331 | 1 | 330 | 3.4488E-02 |
| 56                      | 31 | 1 | 331 | 1 | 330 | 3.4488E-02 |
| 57                      | 32 | 1 | 331 | 1 | 330 | 3.4488E-02 |
| 58                      | 33 | 1 | 331 | 1 | 330 | 3.4488E-02 |
| 59                      | 34 | 1 | 331 | 1 | 330 | 3.4488E-02 |
| 60                      | 35 | 1 | 331 | 1 | 330 | 3.4488E-02 |
| 61                      | 36 | 1 | 331 | 1 | 330 | 3.4488E-02 |
| 62                      | 37 | 1 | 331 | 1 | 330 | 3.4488E-02 |
| 63                      | 38 | 1 | 331 | 1 | 330 | 3.4488E-02 |
| 64                      | 39 | 1 | 331 | 1 | 330 | 3.4488E-02 |
| 65                      | 40 | 1 | 325 | 1 | 324 | 3.4488E-02 |
| 66                      | 41 | 1 | 325 | 1 | 324 | 3.4488E-02 |
| 67                      | 42 | 1 | 325 | 1 | 324 | 3.4488E-02 |
| 68                      | 43 | 1 | 325 | 1 | 324 | 3.4488E-02 |
| 69                      | 44 | 1 | 325 | 1 | 324 | 3.4488E-02 |
| 70                      | 45 | 1 | 325 | 1 | 324 | 3.4488E-02 |
| 71                      | 46 | 1 | 325 | 1 | 324 | 3.4488E-02 |
| 72                      | 47 | 1 | 325 | 1 | 324 | 3.4488E-02 |
| 73                      | 48 | 1 | 325 | 1 | 324 | 3.4488E-02 |
| 74                      | 49 | 1 | 325 | 1 | 324 | 3.4488E-02 |
| 75                      | 50 | 1 | 325 | 1 | 324 | 3.4488E-02 |
| 76                      | 51 | 1 | 325 | 1 | 324 | 3.4488E-02 |
| 77                      | 52 | 1 | 325 | 1 | 324 | 3.4488E-02 |
| 78                      | 53 | 1 | 325 | 1 | 324 | 3.4488E-02 |
| 79                      | 54 | 1 | 325 | 1 | 324 | 3.4488E-02 |
| 80                      | 55 | 1 | 325 | 1 | 324 | 3.4488E-02 |
| 81                      | 56 | 1 | 325 | 1 | 324 | 3.4488E-02 |
| 82                      | 57 | 1 | 325 | 1 | 324 | 3.4488E-02 |
| 83                      | 58 | 1 | 325 | 1 | 324 | 3.4488E-02 |
| 84                      | 59 | 1 | 325 | 1 | 324 | 3.4488E-02 |

84 HFB BARRIERS

PCG -- CONJUGATE-GRADIENT SOLUTION PACKAGE, VERSION 7, 5/2/2005  
 MAXIMUM OF 10000 CALLS OF SOLUTION ROUTINE  
 MAXIMUM OF 10 INTERNAL ITERATIONS PER CALL TO SOLUTION ROUTINE

SECTION\_A\_CASE\_III\_NOD3

MATRIX PRECONDITIONING TYPE : 1

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
MATRIX PRECONDITIONING TYPE = 1
RELAXATION FACTOR (ONLY USED WITH PRECOND. TYPE 1) = 0.10000E+01
PARAMETER OF POLYNOMIAL PRECOND. = 2 (2) OR IS CALCULATED : 2
HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E+00
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
    
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1

STRESS PERIOD NO. 1, LENGTH = 15.00000

NUMBER OF TIME STEPS = 10

MULTIPLIER FOR DELT = 1.200

INITIAL TIME STEP SIZE = 0.5778412

| DRAIN NO. | LAYER | ROW | COL | DRAIN EL. | CONDUCTANCE |
|-----------|-------|-----|-----|-----------|-------------|
| 1         | 58    | 1   | 500 | 450.0     | 150.0       |
| 2         | 57    | 1   | 500 | 450.0     | 150.0       |
| 3         | 56    | 1   | 500 | 450.0     | 150.0       |
| 4         | 55    | 1   | 500 | 450.0     | 150.0       |
| 5         | 54    | 1   | 500 | 450.0     | 150.0       |
| 6         | 53    | 1   | 500 | 450.0     | 150.0       |
| 7         | 52    | 1   | 500 | 450.0     | 150.0       |
| 8         | 51    | 1   | 500 | 450.0     | 150.0       |
| 9         | 50    | 1   | 500 | 450.0     | 150.0       |
| 10        | 49    | 1   | 500 | 450.0     | 150.0       |
| 11        | 48    | 1   | 500 | 450.0     | 150.0       |
| 12        | 47    | 1   | 500 | 450.0     | 150.0       |
| 13        | 46    | 1   | 500 | 450.0     | 150.0       |
| 14        | 45    | 1   | 500 | 450.0     | 150.0       |
| 15        | 44    | 1   | 500 | 450.0     | 150.0       |
| 16        | 43    | 1   | 500 | 450.0     | 150.0       |
| 17        | 42    | 1   | 500 | 450.0     | 150.0       |
| 18        | 41    | 1   | 500 | 450.0     | 150.0       |
| 19        | 40    | 1   | 500 | 450.0     | 150.0       |
| 20        | 39    | 1   | 500 | 450.0     | 150.0       |
| 21        | 38    | 1   | 500 | 450.0     | 150.0       |
| 22        | 37    | 1   | 500 | 450.0     | 150.0       |
| 23        | 36    | 1   | 500 | 450.0     | 150.0       |
| 24        | 35    | 1   | 500 | 450.0     | 150.0       |
| 25        | 34    | 1   | 500 | 450.0     | 150.0       |
| 26        | 33    | 1   | 500 | 450.0     | 150.0       |
| 27        | 32    | 1   | 500 | 450.0     | 150.0       |
| 28        | 31    | 1   | 500 | 450.0     | 150.0       |
| 29        | 30    | 1   | 500 | 450.0     | 150.0       |
| 30        | 29    | 1   | 500 | 450.0     | 150.0       |
| 31        | 28    | 1   | 500 | 450.0     | 150.0       |
| 32        | 27    | 1   | 500 | 450.0     | 150.0       |
| 33        | 26    | 1   | 500 | 450.0     | 150.0       |
| 34        | 25    | 1   | 500 | 450.0     | 150.0       |
| 35        | 24    | 1   | 500 | 450.0     | 150.0       |

35 DRAINS

## SECTION\_A\_CASE\_III\_NOD3

RECHARGE  
 READING ON UNIT 18 WITH FORMAT: (15G11.4)

SOLVING FOR HEAD

| CELL CONVERSIONS | FOR ITER.= 1 | LAYER= 1    | STEP= 1     | PERIOD= 1   | (ROW, COL) |
|------------------|--------------|-------------|-------------|-------------|------------|
| DRY( 1, 11)      | DRY( 1, 12)  | DRY( 1, 13) | DRY( 1, 14) | DRY( 1, 15) |            |
| DRY( 1, 16)      | DRY( 1, 17)  | DRY( 1, 18) | DRY( 1, 19) | DRY( 1, 20) |            |
| DRY( 1, 21)      | DRY( 1, 22)  | DRY( 1, 23) | DRY( 1, 24) | DRY( 1, 25) |            |
| DRY( 1, 26)      | DRY( 1, 27)  | DRY( 1, 28) | DRY( 1, 29) | DRY( 1, 30) |            |
| DRY( 1, 31)      | DRY( 1, 32)  | DRY( 1, 33) | DRY( 1, 34) | DRY( 1, 35) |            |
| DRY( 1, 36)      | DRY( 1, 37)  | DRY( 1, 38) | DRY( 1, 39) | DRY( 1, 40) |            |
| DRY( 1, 41)      | DRY( 1, 42)  | DRY( 1, 43) | DRY( 1, 44) | DRY( 1, 45) |            |
| DRY( 1, 46)      | DRY( 1, 47)  | DRY( 1, 48) | DRY( 1, 49) | DRY( 1, 50) |            |
| DRY( 1, 51)      | DRY( 1, 52)  | DRY( 1, 53) | DRY( 1, 54) | DRY( 1, 55) |            |
| DRY( 1, 56)      | DRY( 1, 57)  | DRY( 1, 58) | DRY( 1, 59) | DRY( 1, 60) |            |
| DRY( 1, 61)      | DRY( 1, 62)  | DRY( 1, 63) | DRY( 1, 64) | DRY( 1, 65) |            |
| DRY( 1, 66)      | DRY( 1, 67)  | DRY( 1, 68) | DRY( 1, 69) | DRY( 1, 70) |            |
| DRY( 1, 71)      | DRY( 1, 72)  | DRY( 1, 73) | DRY( 1, 74) | DRY( 1, 75) |            |
| DRY( 1, 76)      | DRY( 1, 77)  | DRY( 1, 78) | DRY( 1, 79) | DRY( 1, 80) |            |
| DRY( 1, 81)      | DRY( 1, 82)  | DRY( 1, 83) | DRY( 1, 84) | DRY( 1, 85) |            |
| DRY( 1, 86)      | DRY( 1, 87)  | DRY( 1, 88) | DRY( 1, 89) | DRY( 1, 90) |            |
| DRY( 1, 91)      | DRY( 1, 92)  | DRY( 1, 93) | DRY( 1, 94) | DRY( 1, 95) |            |
| DRY( 1, 96)      | DRY( 1, 97)  | DRY( 1, 98) | DRY( 1, 99) | DRY( 1,100) |            |
| DRY( 1,101)      | DRY( 1,102)  | DRY( 1,103) | DRY( 1,104) | DRY( 1,105) |            |
| DRY( 1,106)      | DRY( 1,107)  | DRY( 1,108) | DRY( 1,109) | DRY( 1,110) |            |
| DRY( 1,111)      | DRY( 1,112)  | DRY( 1,113) | DRY( 1,114) | DRY( 1,115) |            |
| DRY( 1,116)      | DRY( 1,117)  | DRY( 1,118) | DRY( 1,119) | DRY( 1,120) |            |
| DRY( 1,121)      | DRY( 1,122)  | DRY( 1,123) | DRY( 1,124) | DRY( 1,125) |            |
| DRY( 1,126)      | DRY( 1,127)  | DRY( 1,128) | DRY( 1,129) | DRY( 1,130) |            |
| DRY( 1,131)      | DRY( 1,132)  | DRY( 1,133) | DRY( 1,134) | DRY( 1,135) |            |
| DRY( 1,136)      | DRY( 1,137)  | DRY( 1,138) | DRY( 1,139) | DRY( 1,140) |            |
| DRY( 1,141)      | DRY( 1,142)  | DRY( 1,143) | DRY( 1,144) | DRY( 1,145) |            |
| DRY( 1,146)      | DRY( 1,147)  | DRY( 1,148) | DRY( 1,149) | DRY( 1,150) |            |
| DRY( 1,151)      | DRY( 1,152)  | DRY( 1,153) | DRY( 1,154) | DRY( 1,155) |            |
| DRY( 1,156)      | DRY( 1,157)  | DRY( 1,158) | DRY( 1,159) | DRY( 1,160) |            |
| DRY( 1,161)      | DRY( 1,162)  | DRY( 1,163) | DRY( 1,164) | DRY( 1,165) |            |
| DRY( 1,166)      | DRY( 1,167)  | DRY( 1,168) | DRY( 1,169) | DRY( 1,170) |            |
| DRY( 1,171)      | DRY( 1,172)  | DRY( 1,173) | DRY( 1,174) | DRY( 1,175) |            |
| DRY( 1,176)      | DRY( 1,177)  | DRY( 1,178) | DRY( 1,179) | DRY( 1,180) |            |
| DRY( 1,181)      | DRY( 1,182)  | DRY( 1,183) | DRY( 1,184) | DRY( 1,185) |            |
| DRY( 1,186)      | DRY( 1,187)  | DRY( 1,188) | DRY( 1,189) | DRY( 1,190) |            |
| DRY( 1,191)      | DRY( 1,192)  | DRY( 1,193) | DRY( 1,194) | DRY( 1,195) |            |
| DRY( 1,196)      | DRY( 1,197)  | DRY( 1,198) | DRY( 1,199) | DRY( 1,200) |            |
| DRY( 1,201)      | DRY( 1,202)  | DRY( 1,203) | DRY( 1,204) | DRY( 1,205) |            |
| DRY( 1,206)      | DRY( 1,207)  | DRY( 1,208) | DRY( 1,209) | DRY( 1,210) |            |
| DRY( 1,211)      | DRY( 1,212)  | DRY( 1,213) | DRY( 1,214) | DRY( 1,215) |            |
| DRY( 1,216)      | DRY( 1,217)  | DRY( 1,218) | DRY( 1,219) | DRY( 1,220) |            |
| DRY( 1,221)      | DRY( 1,222)  | DRY( 1,223) | DRY( 1,224) | DRY( 1,225) |            |
| DRY( 1,226)      | DRY( 1,227)  | DRY( 1,228) | DRY( 1,229) | DRY( 1,230) |            |
| DRY( 1,231)      | DRY( 1,232)  | DRY( 1,233) | DRY( 1,234) | DRY( 1,235) |            |
| DRY( 1,236)      | DRY( 1,237)  | DRY( 1,238) | DRY( 1,239) | DRY( 1,240) |            |
| DRY( 1,241)      | DRY( 1,242)  | DRY( 1,243) | DRY( 1,244) | DRY( 1,245) |            |
| DRY( 1,246)      | DRY( 1,247)  | DRY( 1,248) | DRY( 1,249) | DRY( 1,250) |            |
| DRY( 1,251)      | DRY( 1,252)  | DRY( 1,253) | DRY( 1,254) | DRY( 1,255) |            |
| DRY( 1,256)      | DRY( 1,257)  | DRY( 1,258) | DRY( 1,259) | DRY( 1,260) |            |
| DRY( 1,261)      | DRY( 1,262)  | DRY( 1,263) | DRY( 1,264) | DRY( 1,265) |            |
| DRY( 1,266)      | DRY( 1,267)  | DRY( 1,268) | DRY( 1,269) | DRY( 1,270) |            |
| DRY( 1,271)      | DRY( 1,272)  | DRY( 1,273) | DRY( 1,274) | DRY( 1,275) |            |
| DRY( 1,276)      | DRY( 1,277)  | DRY( 1,278) | DRY( 1,279) | DRY( 1,280) |            |
| DRY( 1,281)      | DRY( 1,282)  | DRY( 1,283) | DRY( 1,284) | DRY( 1,285) |            |
| DRY( 1,286)      | DRY( 1,287)  | DRY( 1,288) | DRY( 1,289) | DRY( 1,290) |            |







## SECTION\_A\_CASE\_III\_NOD3

|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
| DRY( 1,443) | DRY( 1,444) | DRY( 1,445) | DRY( 1,446) | DRY( 1,447) |
| DRY( 1,448) | DRY( 1,449) | DRY( 1,450) | DRY( 1,451) | DRY( 1,452) |
| DRY( 1,453) | DRY( 1,454) | DRY( 1,455) | DRY( 1,456) | DRY( 1,457) |
| DRY( 1,458) | DRY( 1,459) | DRY( 1,460) | DRY( 1,461) | DRY( 1,462) |
| DRY( 1,463) | DRY( 1,464) | DRY( 1,465) | DRY( 1,466) | DRY( 1,467) |
| DRY( 1,468) | DRY( 1,469) | DRY( 1,470) | DRY( 1,471) | DRY( 1,472) |
| DRY( 1,473) | DRY( 1,474) | DRY( 1,475) | DRY( 1,476) | DRY( 1,477) |
| DRY( 1,478) | DRY( 1,479) | DRY( 1,480) | DRY( 1,481) | DRY( 1,482) |
| DRY( 1,483) | DRY( 1,484) | DRY( 1,485) | DRY( 1,486) | DRY( 1,487) |
| DRY( 1,488) | DRY( 1,489) | DRY( 1,490) | DRY( 1,491) | DRY( 1,492) |
| DRY( 1,493) | DRY( 1,494) | DRY( 1,495) | DRY( 1,496) | DRY( 1,497) |
| DRY( 1,498) | DRY( 1,499) | DRY( 1,500) |             |             |

CELL CONVERSIONS FOR ITER.= 1 LAYER= 3 STEP= 1 PERIOD= 1 (ROW, COL)

|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
| DRY( 1, 15) | DRY( 1, 16) | DRY( 1, 17) | DRY( 1, 18) | DRY( 1, 19) |
| DRY( 1, 20) | DRY( 1, 21) | DRY( 1, 22) | DRY( 1, 23) | DRY( 1, 24) |
| DRY( 1, 25) | DRY( 1, 26) | DRY( 1, 27) | DRY( 1, 28) | DRY( 1, 29) |
| DRY( 1, 30) | DRY( 1, 31) | DRY( 1, 32) | DRY( 1, 33) | DRY( 1, 34) |
| DRY( 1, 35) | DRY( 1, 36) | DRY( 1, 37) | DRY( 1, 38) | DRY( 1, 39) |
| DRY( 1, 40) | DRY( 1, 41) | DRY( 1, 42) | DRY( 1, 43) | DRY( 1, 44) |
| DRY( 1, 45) | DRY( 1, 46) | DRY( 1, 47) | DRY( 1, 48) | DRY( 1, 49) |
| DRY( 1, 50) | DRY( 1, 51) | DRY( 1, 52) | DRY( 1, 53) | DRY( 1, 54) |
| DRY( 1, 55) | DRY( 1, 56) | DRY( 1, 57) | DRY( 1, 58) | DRY( 1, 59) |
| DRY( 1, 60) | DRY( 1, 61) | DRY( 1, 62) | DRY( 1, 63) | DRY( 1, 64) |
| DRY( 1, 65) | DRY( 1, 66) | DRY( 1, 67) | DRY( 1, 68) | DRY( 1, 69) |
| DRY( 1, 70) | DRY( 1, 71) | DRY( 1, 72) | DRY( 1, 73) | DRY( 1, 74) |
| DRY( 1, 75) | DRY( 1, 76) | DRY( 1, 77) | DRY( 1, 78) | DRY( 1, 79) |
| DRY( 1, 80) | DRY( 1, 81) | DRY( 1, 82) | DRY( 1, 83) | DRY( 1, 84) |
| DRY( 1, 85) | DRY( 1, 86) | DRY( 1, 87) | DRY( 1, 88) | DRY( 1, 89) |
| DRY( 1, 90) | DRY( 1, 91) | DRY( 1, 92) | DRY( 1, 93) | DRY( 1, 94) |
| DRY( 1, 95) | DRY( 1, 96) | DRY( 1, 97) | DRY( 1, 98) | DRY( 1, 99) |
| DRY( 1,100) | DRY( 1,101) | DRY( 1,102) | DRY( 1,103) | DRY( 1,104) |
| DRY( 1,105) | DRY( 1,106) | DRY( 1,107) | DRY( 1,108) | DRY( 1,109) |
| DRY( 1,110) | DRY( 1,111) | DRY( 1,112) | DRY( 1,113) | DRY( 1,114) |
| DRY( 1,115) | DRY( 1,116) | DRY( 1,117) | DRY( 1,118) | DRY( 1,119) |
| DRY( 1,120) | DRY( 1,121) | DRY( 1,122) | DRY( 1,123) | DRY( 1,124) |
| DRY( 1,125) | DRY( 1,126) | DRY( 1,127) | DRY( 1,128) | DRY( 1,129) |
| DRY( 1,130) | DRY( 1,131) | DRY( 1,132) | DRY( 1,133) | DRY( 1,134) |
| DRY( 1,135) | DRY( 1,136) | DRY( 1,137) | DRY( 1,138) | DRY( 1,139) |
| DRY( 1,140) | DRY( 1,141) | DRY( 1,142) | DRY( 1,143) | DRY( 1,144) |
| DRY( 1,145) | DRY( 1,146) | DRY( 1,147) | DRY( 1,148) | DRY( 1,149) |
| DRY( 1,150) | DRY( 1,151) | DRY( 1,152) | DRY( 1,153) | DRY( 1,154) |
| DRY( 1,155) | DRY( 1,156) | DRY( 1,157) | DRY( 1,158) | DRY( 1,159) |
| DRY( 1,160) | DRY( 1,161) | DRY( 1,162) | DRY( 1,163) | DRY( 1,164) |
| DRY( 1,165) | DRY( 1,166) | DRY( 1,167) | DRY( 1,168) | DRY( 1,169) |
| DRY( 1,170) | DRY( 1,171) | DRY( 1,172) | DRY( 1,173) | DRY( 1,174) |
| DRY( 1,175) | DRY( 1,176) | DRY( 1,177) | DRY( 1,178) | DRY( 1,179) |
| DRY( 1,180) | DRY( 1,181) | DRY( 1,182) | DRY( 1,183) | DRY( 1,184) |
| DRY( 1,185) | DRY( 1,186) | DRY( 1,187) | DRY( 1,188) | DRY( 1,189) |
| DRY( 1,190) | DRY( 1,191) | DRY( 1,192) | DRY( 1,193) | DRY( 1,194) |
| DRY( 1,195) | DRY( 1,196) | DRY( 1,197) | DRY( 1,198) | DRY( 1,199) |
| DRY( 1,200) | DRY( 1,201) | DRY( 1,202) | DRY( 1,203) | DRY( 1,204) |
| DRY( 1,205) | DRY( 1,206) | DRY( 1,207) | DRY( 1,208) | DRY( 1,209) |
| DRY( 1,210) | DRY( 1,211) | DRY( 1,212) | DRY( 1,213) | DRY( 1,214) |
| DRY( 1,215) | DRY( 1,216) | DRY( 1,217) | DRY( 1,218) | DRY( 1,219) |
| DRY( 1,220) | DRY( 1,221) | DRY( 1,222) | DRY( 1,223) | DRY( 1,224) |
| DRY( 1,225) | DRY( 1,226) | DRY( 1,227) | DRY( 1,228) | DRY( 1,229) |
| DRY( 1,230) | DRY( 1,231) | DRY( 1,232) | DRY( 1,233) | DRY( 1,234) |
| DRY( 1,235) | DRY( 1,236) | DRY( 1,237) | DRY( 1,238) | DRY( 1,239) |
| DRY( 1,240) | DRY( 1,241) | DRY( 1,242) | DRY( 1,243) | DRY( 1,244) |
| DRY( 1,245) | DRY( 1,246) | DRY( 1,247) | DRY( 1,248) | DRY( 1,249) |
| DRY( 1,250) | DRY( 1,251) | DRY( 1,252) | DRY( 1,253) | DRY( 1,254) |
| DRY( 1,255) | DRY( 1,256) | DRY( 1,257) | DRY( 1,258) | DRY( 1,259) |
| DRY( 1,260) | DRY( 1,261) | DRY( 1,262) | DRY( 1,263) | DRY( 1,264) |
| DRY( 1,265) | DRY( 1,266) | DRY( 1,267) | DRY( 1,268) | DRY( 1,269) |





## SECTION\_A\_CASE\_III\_NOD3

|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
| DRY( 1,422) | DRY( 1,423) | DRY( 1,424) | DRY( 1,425) | DRY( 1,426) |
| DRY( 1,427) | DRY( 1,428) | DRY( 1,429) | DRY( 1,430) | DRY( 1,431) |
| DRY( 1,432) | DRY( 1,433) | DRY( 1,434) | DRY( 1,435) | DRY( 1,436) |
| DRY( 1,437) | DRY( 1,438) | DRY( 1,439) | DRY( 1,440) | DRY( 1,441) |
| DRY( 1,442) | DRY( 1,443) | DRY( 1,444) | DRY( 1,445) | DRY( 1,446) |
| DRY( 1,447) | DRY( 1,448) | DRY( 1,449) | DRY( 1,450) | DRY( 1,451) |
| DRY( 1,452) | DRY( 1,453) | DRY( 1,454) | DRY( 1,455) | DRY( 1,456) |
| DRY( 1,457) | DRY( 1,458) | DRY( 1,459) | DRY( 1,460) | DRY( 1,461) |
| DRY( 1,462) | DRY( 1,463) | DRY( 1,464) | DRY( 1,465) | DRY( 1,466) |
| DRY( 1,467) | DRY( 1,468) | DRY( 1,469) | DRY( 1,470) | DRY( 1,471) |
| DRY( 1,472) | DRY( 1,473) | DRY( 1,474) | DRY( 1,475) | DRY( 1,476) |
| DRY( 1,477) | DRY( 1,478) | DRY( 1,479) | DRY( 1,480) | DRY( 1,481) |
| DRY( 1,482) | DRY( 1,483) | DRY( 1,484) | DRY( 1,485) | DRY( 1,486) |
| DRY( 1,487) | DRY( 1,488) | DRY( 1,489) | DRY( 1,490) | DRY( 1,491) |
| DRY( 1,492) | DRY( 1,493) | DRY( 1,494) | DRY( 1,495) | DRY( 1,496) |
| DRY( 1,497) | DRY( 1,498) | DRY( 1,499) | DRY( 1,500) |             |

| CELL CONVERSIONS | FOR ITER.= 1 | LAYER= 5    | STEP= 1     | PERIOD= 1   | (ROW,COL) |
|------------------|--------------|-------------|-------------|-------------|-----------|
| DRY( 1, 19)      | DRY( 1, 20)  | DRY( 1, 21) | DRY( 1, 22) | DRY( 1, 23) |           |
| DRY( 1, 24)      | DRY( 1, 25)  | DRY( 1, 26) | DRY( 1, 27) | DRY( 1, 28) |           |
| DRY( 1, 29)      | DRY( 1, 30)  | DRY( 1, 31) | DRY( 1, 32) | DRY( 1, 33) |           |
| DRY( 1, 34)      | DRY( 1, 35)  | DRY( 1, 36) | DRY( 1, 37) | DRY( 1, 38) |           |
| DRY( 1, 39)      | DRY( 1, 40)  | DRY( 1, 41) | DRY( 1, 42) | DRY( 1, 43) |           |
| DRY( 1, 44)      | DRY( 1, 45)  | DRY( 1, 46) | DRY( 1, 47) | DRY( 1, 48) |           |
| DRY( 1, 49)      | DRY( 1, 50)  | DRY( 1, 51) | DRY( 1, 52) | DRY( 1, 53) |           |
| DRY( 1, 54)      | DRY( 1, 55)  | DRY( 1, 56) | DRY( 1, 57) | DRY( 1, 58) |           |
| DRY( 1, 59)      | DRY( 1, 60)  | DRY( 1, 61) | DRY( 1, 62) | DRY( 1, 63) |           |
| DRY( 1, 64)      | DRY( 1, 65)  | DRY( 1, 66) | DRY( 1, 67) | DRY( 1, 68) |           |
| DRY( 1, 69)      | DRY( 1, 70)  | DRY( 1, 71) | DRY( 1, 72) | DRY( 1, 73) |           |
| DRY( 1, 74)      | DRY( 1, 75)  | DRY( 1, 76) | DRY( 1, 77) | DRY( 1, 78) |           |
| DRY( 1, 79)      | DRY( 1, 80)  | DRY( 1, 81) | DRY( 1, 82) | DRY( 1, 83) |           |
| DRY( 1, 84)      | DRY( 1, 85)  | DRY( 1, 86) | DRY( 1, 87) | DRY( 1, 88) |           |
| DRY( 1, 89)      | DRY( 1, 90)  | DRY( 1, 91) | DRY( 1, 92) | DRY( 1, 93) |           |
| DRY( 1, 94)      | DRY( 1, 95)  | DRY( 1, 96) | DRY( 1, 97) | DRY( 1, 98) |           |
| DRY( 1, 99)      | DRY( 1,100)  | DRY( 1,101) | DRY( 1,102) | DRY( 1,103) |           |
| DRY( 1,104)      | DRY( 1,105)  | DRY( 1,106) | DRY( 1,107) | DRY( 1,108) |           |
| DRY( 1,109)      | DRY( 1,110)  | DRY( 1,111) | DRY( 1,112) | DRY( 1,113) |           |
| DRY( 1,114)      | DRY( 1,115)  | DRY( 1,116) | DRY( 1,117) | DRY( 1,118) |           |
| DRY( 1,119)      | DRY( 1,120)  | DRY( 1,121) | DRY( 1,122) | DRY( 1,123) |           |
| DRY( 1,124)      | DRY( 1,125)  | DRY( 1,126) | DRY( 1,127) | DRY( 1,128) |           |
| DRY( 1,129)      | DRY( 1,130)  | DRY( 1,131) | DRY( 1,132) | DRY( 1,133) |           |
| DRY( 1,134)      | DRY( 1,135)  | DRY( 1,136) | DRY( 1,137) | DRY( 1,138) |           |
| DRY( 1,139)      | DRY( 1,140)  | DRY( 1,141) | DRY( 1,142) | DRY( 1,143) |           |
| DRY( 1,144)      | DRY( 1,145)  | DRY( 1,146) | DRY( 1,147) | DRY( 1,148) |           |
| DRY( 1,149)      | DRY( 1,150)  | DRY( 1,151) | DRY( 1,152) | DRY( 1,153) |           |
| DRY( 1,154)      | DRY( 1,155)  | DRY( 1,156) | DRY( 1,157) | DRY( 1,158) |           |
| DRY( 1,159)      | DRY( 1,160)  | DRY( 1,161) | DRY( 1,162) | DRY( 1,163) |           |
| DRY( 1,164)      | DRY( 1,165)  | DRY( 1,166) | DRY( 1,167) | DRY( 1,168) |           |
| DRY( 1,169)      | DRY( 1,170)  | DRY( 1,171) | DRY( 1,172) | DRY( 1,173) |           |
| DRY( 1,174)      | DRY( 1,175)  | DRY( 1,176) | DRY( 1,177) | DRY( 1,178) |           |
| DRY( 1,179)      | DRY( 1,180)  | DRY( 1,181) | DRY( 1,182) | DRY( 1,183) |           |
| DRY( 1,184)      | DRY( 1,185)  | DRY( 1,186) | DRY( 1,187) | DRY( 1,188) |           |
| DRY( 1,189)      | DRY( 1,190)  | DRY( 1,191) | DRY( 1,192) | DRY( 1,193) |           |
| DRY( 1,194)      | DRY( 1,195)  | DRY( 1,196) | DRY( 1,197) | DRY( 1,198) |           |
| DRY( 1,199)      | DRY( 1,200)  | DRY( 1,201) | DRY( 1,202) | DRY( 1,203) |           |
| DRY( 1,204)      | DRY( 1,205)  | DRY( 1,206) | DRY( 1,207) | DRY( 1,208) |           |
| DRY( 1,209)      | DRY( 1,210)  | DRY( 1,211) | DRY( 1,212) | DRY( 1,213) |           |
| DRY( 1,214)      | DRY( 1,215)  | DRY( 1,216) | DRY( 1,217) | DRY( 1,218) |           |
| DRY( 1,219)      | DRY( 1,220)  | DRY( 1,221) | DRY( 1,222) | DRY( 1,223) |           |
| DRY( 1,224)      | DRY( 1,225)  | DRY( 1,226) | DRY( 1,227) | DRY( 1,228) |           |
| DRY( 1,229)      | DRY( 1,230)  | DRY( 1,231) | DRY( 1,232) | DRY( 1,233) |           |
| DRY( 1,234)      | DRY( 1,235)  | DRY( 1,236) | DRY( 1,237) | DRY( 1,238) |           |
| DRY( 1,239)      | DRY( 1,240)  | DRY( 1,241) | DRY( 1,242) | DRY( 1,243) |           |
| DRY( 1,244)      | DRY( 1,245)  | DRY( 1,246) | DRY( 1,247) | DRY( 1,248) |           |
| DRY( 1,249)      | DRY( 1,250)  | DRY( 1,251) | DRY( 1,252) | DRY( 1,253) |           |

## SECTION\_A\_CASE\_III\_NOD3

|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
| DRY( 1,254) | DRY( 1,255) | DRY( 1,256) | DRY( 1,257) | DRY( 1,258) |
| DRY( 1,259) | DRY( 1,260) | DRY( 1,261) | DRY( 1,262) | DRY( 1,263) |
| DRY( 1,264) | DRY( 1,265) | DRY( 1,266) | DRY( 1,267) | DRY( 1,268) |
| DRY( 1,269) | DRY( 1,270) | DRY( 1,271) | DRY( 1,272) | DRY( 1,273) |
| DRY( 1,274) | DRY( 1,275) | DRY( 1,276) | DRY( 1,277) | DRY( 1,278) |
| DRY( 1,279) | DRY( 1,280) | DRY( 1,281) | DRY( 1,282) | DRY( 1,283) |
| DRY( 1,284) | DRY( 1,285) | DRY( 1,286) | DRY( 1,287) | DRY( 1,288) |
| DRY( 1,289) | DRY( 1,290) | DRY( 1,291) | DRY( 1,292) | DRY( 1,293) |
| DRY( 1,294) | DRY( 1,295) | DRY( 1,296) | DRY( 1,297) | DRY( 1,298) |
| DRY( 1,299) | DRY( 1,300) | DRY( 1,301) | DRY( 1,302) | DRY( 1,303) |
| DRY( 1,304) | DRY( 1,305) | DRY( 1,306) | DRY( 1,307) | DRY( 1,308) |
| DRY( 1,309) | DRY( 1,310) | DRY( 1,311) | DRY( 1,312) | DRY( 1,313) |
| DRY( 1,314) | DRY( 1,315) | DRY( 1,316) | DRY( 1,317) | DRY( 1,318) |
| DRY( 1,319) | DRY( 1,320) | DRY( 1,321) | DRY( 1,322) | DRY( 1,323) |
| DRY( 1,324) | DRY( 1,325) | DRY( 1,326) | DRY( 1,327) | DRY( 1,328) |
| DRY( 1,329) | DRY( 1,330) | DRY( 1,331) | DRY( 1,332) | DRY( 1,333) |
| DRY( 1,334) | DRY( 1,335) | DRY( 1,336) | DRY( 1,337) | DRY( 1,338) |
| DRY( 1,339) | DRY( 1,340) | DRY( 1,341) | DRY( 1,342) | DRY( 1,343) |
| DRY( 1,344) | DRY( 1,345) | DRY( 1,346) | DRY( 1,347) | DRY( 1,348) |
| DRY( 1,349) | DRY( 1,350) | DRY( 1,351) | DRY( 1,352) | DRY( 1,353) |
| DRY( 1,354) | DRY( 1,355) | DRY( 1,356) | DRY( 1,357) | DRY( 1,358) |
| DRY( 1,359) | DRY( 1,360) | DRY( 1,361) | DRY( 1,362) | DRY( 1,363) |
| DRY( 1,364) | DRY( 1,365) | DRY( 1,366) | DRY( 1,367) | DRY( 1,368) |
| DRY( 1,369) | DRY( 1,370) | DRY( 1,371) | DRY( 1,372) | DRY( 1,373) |
| DRY( 1,374) | DRY( 1,375) | DRY( 1,376) | DRY( 1,377) | DRY( 1,378) |
| DRY( 1,379) | DRY( 1,380) | DRY( 1,381) | DRY( 1,382) | DRY( 1,383) |
| DRY( 1,384) | DRY( 1,385) | DRY( 1,386) | DRY( 1,387) | DRY( 1,388) |
| DRY( 1,389) | DRY( 1,390) | DRY( 1,391) | DRY( 1,392) | DRY( 1,393) |
| DRY( 1,394) | DRY( 1,395) | DRY( 1,396) | DRY( 1,397) | DRY( 1,398) |
| DRY( 1,399) | DRY( 1,400) | DRY( 1,401) | DRY( 1,402) | DRY( 1,403) |
| DRY( 1,404) | DRY( 1,405) | DRY( 1,406) | DRY( 1,407) | DRY( 1,408) |
| DRY( 1,409) | DRY( 1,410) | DRY( 1,411) | DRY( 1,412) | DRY( 1,413) |
| DRY( 1,414) | DRY( 1,415) | DRY( 1,416) | DRY( 1,417) | DRY( 1,418) |
| DRY( 1,419) | DRY( 1,420) | DRY( 1,421) | DRY( 1,422) | DRY( 1,423) |
| DRY( 1,424) | DRY( 1,425) | DRY( 1,426) | DRY( 1,427) | DRY( 1,428) |
| DRY( 1,429) | DRY( 1,430) | DRY( 1,431) | DRY( 1,432) | DRY( 1,433) |
| DRY( 1,434) | DRY( 1,435) | DRY( 1,436) | DRY( 1,437) | DRY( 1,438) |
| DRY( 1,439) | DRY( 1,440) | DRY( 1,441) | DRY( 1,442) | DRY( 1,443) |
| DRY( 1,444) | DRY( 1,445) | DRY( 1,446) | DRY( 1,447) | DRY( 1,448) |
| DRY( 1,449) | DRY( 1,450) | DRY( 1,451) | DRY( 1,452) | DRY( 1,453) |
| DRY( 1,454) | DRY( 1,455) | DRY( 1,456) | DRY( 1,457) | DRY( 1,458) |
| DRY( 1,459) | DRY( 1,460) | DRY( 1,461) | DRY( 1,462) | DRY( 1,463) |
| DRY( 1,464) | DRY( 1,465) | DRY( 1,466) | DRY( 1,467) | DRY( 1,468) |
| DRY( 1,469) | DRY( 1,470) | DRY( 1,471) | DRY( 1,472) | DRY( 1,473) |
| DRY( 1,474) | DRY( 1,475) | DRY( 1,476) | DRY( 1,477) | DRY( 1,478) |
| DRY( 1,479) | DRY( 1,480) | DRY( 1,481) | DRY( 1,482) | DRY( 1,483) |
| DRY( 1,484) | DRY( 1,485) | DRY( 1,486) | DRY( 1,487) | DRY( 1,488) |
| DRY( 1,489) | DRY( 1,490) | DRY( 1,491) | DRY( 1,492) | DRY( 1,493) |
| DRY( 1,494) | DRY( 1,495) | DRY( 1,496) | DRY( 1,497) | DRY( 1,498) |
| DRY( 1,499) | DRY( 1,500) |             |             |             |

| CELL CONVERSIONS | FOR ITER.= 1 | LAYER= 6    | STEP= 1     | PERIOD= 1   | (ROW, COL) |
|------------------|--------------|-------------|-------------|-------------|------------|
| DRY( 1, 21)      | DRY( 1, 22)  | DRY( 1, 23) | DRY( 1, 24) | DRY( 1, 25) |            |
| DRY( 1, 26)      | DRY( 1, 27)  | DRY( 1, 28) | DRY( 1, 29) | DRY( 1, 30) |            |
| DRY( 1, 31)      | DRY( 1, 32)  | DRY( 1, 33) | DRY( 1, 34) | DRY( 1, 35) |            |
| DRY( 1, 36)      | DRY( 1, 37)  | DRY( 1, 38) | DRY( 1, 39) | DRY( 1, 40) |            |
| DRY( 1, 41)      | DRY( 1, 42)  | DRY( 1, 43) | DRY( 1, 44) | DRY( 1, 45) |            |
| DRY( 1, 46)      | DRY( 1, 47)  | DRY( 1, 48) | DRY( 1, 49) | DRY( 1, 50) |            |
| DRY( 1, 51)      | DRY( 1, 52)  | DRY( 1, 53) | DRY( 1, 54) | DRY( 1, 55) |            |
| DRY( 1, 56)      | DRY( 1, 57)  | DRY( 1, 58) | DRY( 1, 59) | DRY( 1, 60) |            |
| DRY( 1, 61)      | DRY( 1, 62)  | DRY( 1, 63) | DRY( 1, 64) | DRY( 1, 65) |            |
| DRY( 1, 66)      | DRY( 1, 67)  | DRY( 1, 68) | DRY( 1, 69) | DRY( 1, 70) |            |
| DRY( 1, 71)      | DRY( 1, 72)  | DRY( 1, 73) | DRY( 1, 74) | DRY( 1, 75) |            |
| DRY( 1, 76)      | DRY( 1, 77)  | DRY( 1, 78) | DRY( 1, 79) | DRY( 1, 80) |            |
| DRY( 1, 81)      | DRY( 1, 82)  | DRY( 1, 83) | DRY( 1, 84) | DRY( 1, 85) |            |







## SECTION\_A\_CASE\_III\_NOD3

|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
| DRY( 1,248) | DRY( 1,249) | DRY( 1,250) | DRY( 1,251) | DRY( 1,252) |
| DRY( 1,253) | DRY( 1,254) | DRY( 1,255) | DRY( 1,256) | DRY( 1,257) |
| DRY( 1,258) | DRY( 1,259) | DRY( 1,260) | DRY( 1,261) | DRY( 1,262) |
| DRY( 1,263) | DRY( 1,264) | DRY( 1,265) | DRY( 1,266) | DRY( 1,267) |
| DRY( 1,268) | DRY( 1,269) | DRY( 1,270) | DRY( 1,271) | DRY( 1,272) |
| DRY( 1,273) | DRY( 1,274) | DRY( 1,275) | DRY( 1,276) | DRY( 1,277) |
| DRY( 1,278) | DRY( 1,279) | DRY( 1,280) | DRY( 1,281) | DRY( 1,282) |
| DRY( 1,283) | DRY( 1,284) | DRY( 1,285) | DRY( 1,286) | DRY( 1,287) |
| DRY( 1,288) | DRY( 1,289) | DRY( 1,290) | DRY( 1,291) | DRY( 1,292) |
| DRY( 1,293) | DRY( 1,294) | DRY( 1,295) | DRY( 1,296) | DRY( 1,297) |
| DRY( 1,298) | DRY( 1,299) | DRY( 1,300) | DRY( 1,301) | DRY( 1,302) |
| DRY( 1,303) | DRY( 1,304) | DRY( 1,305) | DRY( 1,306) | DRY( 1,307) |
| DRY( 1,308) | DRY( 1,309) | DRY( 1,310) | DRY( 1,311) | DRY( 1,312) |
| DRY( 1,313) | DRY( 1,314) | DRY( 1,315) | DRY( 1,316) | DRY( 1,317) |
| DRY( 1,318) | DRY( 1,319) | DRY( 1,320) | DRY( 1,321) | DRY( 1,322) |
| DRY( 1,323) | DRY( 1,324) | DRY( 1,325) | DRY( 1,326) | DRY( 1,327) |
| DRY( 1,328) | DRY( 1,329) | DRY( 1,330) | DRY( 1,331) | DRY( 1,332) |
| DRY( 1,333) | DRY( 1,334) | DRY( 1,335) | DRY( 1,336) | DRY( 1,337) |
| DRY( 1,338) | DRY( 1,339) | DRY( 1,340) | DRY( 1,341) | DRY( 1,342) |
| DRY( 1,343) | DRY( 1,344) | DRY( 1,345) | DRY( 1,346) | DRY( 1,347) |
| DRY( 1,348) | DRY( 1,349) | DRY( 1,350) | DRY( 1,351) | DRY( 1,352) |
| DRY( 1,353) | DRY( 1,354) | DRY( 1,355) | DRY( 1,356) | DRY( 1,357) |
| DRY( 1,358) | DRY( 1,359) | DRY( 1,360) | DRY( 1,361) | DRY( 1,362) |
| DRY( 1,363) | DRY( 1,364) | DRY( 1,365) | DRY( 1,366) | DRY( 1,367) |
| DRY( 1,368) | DRY( 1,369) | DRY( 1,370) | DRY( 1,371) | DRY( 1,372) |
| DRY( 1,373) | DRY( 1,374) | DRY( 1,375) | DRY( 1,376) | DRY( 1,377) |
| DRY( 1,378) | DRY( 1,379) | DRY( 1,380) | DRY( 1,381) | DRY( 1,382) |
| DRY( 1,383) | DRY( 1,384) | DRY( 1,385) | DRY( 1,386) | DRY( 1,387) |
| DRY( 1,388) | DRY( 1,389) | DRY( 1,390) | DRY( 1,391) | DRY( 1,392) |
| DRY( 1,393) | DRY( 1,394) | DRY( 1,395) | DRY( 1,396) | DRY( 1,397) |
| DRY( 1,398) | DRY( 1,399) | DRY( 1,400) | DRY( 1,401) | DRY( 1,402) |
| DRY( 1,403) | DRY( 1,404) | DRY( 1,405) | DRY( 1,406) | DRY( 1,407) |
| DRY( 1,408) | DRY( 1,409) | DRY( 1,410) | DRY( 1,411) | DRY( 1,412) |
| DRY( 1,413) | DRY( 1,414) | DRY( 1,415) | DRY( 1,416) | DRY( 1,417) |
| DRY( 1,418) | DRY( 1,419) | DRY( 1,420) | DRY( 1,421) | DRY( 1,422) |
| DRY( 1,423) | DRY( 1,424) | DRY( 1,425) | DRY( 1,426) | DRY( 1,427) |
| DRY( 1,428) | DRY( 1,429) | DRY( 1,430) | DRY( 1,431) | DRY( 1,432) |
| DRY( 1,433) | DRY( 1,434) | DRY( 1,435) | DRY( 1,436) | DRY( 1,437) |
| DRY( 1,438) | DRY( 1,439) | DRY( 1,440) | DRY( 1,441) | DRY( 1,442) |
| DRY( 1,443) | DRY( 1,444) | DRY( 1,445) | DRY( 1,446) | DRY( 1,447) |
| DRY( 1,448) | DRY( 1,449) | DRY( 1,450) | DRY( 1,451) | DRY( 1,452) |
| DRY( 1,453) | DRY( 1,454) | DRY( 1,455) | DRY( 1,456) | DRY( 1,457) |
| DRY( 1,458) | DRY( 1,459) | DRY( 1,460) | DRY( 1,461) | DRY( 1,462) |
| DRY( 1,463) | DRY( 1,464) | DRY( 1,465) | DRY( 1,466) | DRY( 1,467) |
| DRY( 1,468) | DRY( 1,469) | DRY( 1,470) | DRY( 1,471) | DRY( 1,472) |
| DRY( 1,473) | DRY( 1,474) | DRY( 1,475) | DRY( 1,476) | DRY( 1,477) |
| DRY( 1,478) | DRY( 1,479) | DRY( 1,480) | DRY( 1,481) | DRY( 1,482) |
| DRY( 1,483) | DRY( 1,484) | DRY( 1,485) | DRY( 1,486) | DRY( 1,487) |
| DRY( 1,488) | DRY( 1,489) | DRY( 1,490) | DRY( 1,491) | DRY( 1,492) |
| DRY( 1,493) | DRY( 1,494) | DRY( 1,495) | DRY( 1,496) | DRY( 1,497) |
| DRY( 1,498) | DRY( 1,499) | DRY( 1,500) |             |             |

| CELL CONVERSIONS | FOR ITER.= 1 | LAYER= 8    | STEP= 1     | PERIOD= 1   | (ROW,COL) |
|------------------|--------------|-------------|-------------|-------------|-----------|
| DRY( 1, 25)      | DRY( 1, 26)  | DRY( 1, 27) | DRY( 1, 28) | DRY( 1, 29) |           |
| DRY( 1, 30)      | DRY( 1, 31)  | DRY( 1, 32) | DRY( 1, 33) | DRY( 1, 34) |           |
| DRY( 1, 35)      | DRY( 1, 36)  | DRY( 1, 37) | DRY( 1, 38) | DRY( 1, 39) |           |
| DRY( 1, 40)      | DRY( 1, 41)  | DRY( 1, 42) | DRY( 1, 43) | DRY( 1, 44) |           |
| DRY( 1, 45)      | DRY( 1, 46)  | DRY( 1, 47) | DRY( 1, 48) | DRY( 1, 49) |           |
| DRY( 1, 50)      | DRY( 1, 51)  | DRY( 1, 52) | DRY( 1, 53) | DRY( 1, 54) |           |
| DRY( 1, 55)      | DRY( 1, 56)  | DRY( 1, 57) | DRY( 1, 58) | DRY( 1, 59) |           |
| DRY( 1, 60)      | DRY( 1, 61)  | DRY( 1, 62) | DRY( 1, 63) | DRY( 1, 64) |           |
| DRY( 1, 65)      | DRY( 1, 66)  | DRY( 1, 67) | DRY( 1, 68) | DRY( 1, 69) |           |
| DRY( 1, 70)      | DRY( 1, 71)  | DRY( 1, 72) | DRY( 1, 73) | DRY( 1, 74) |           |
| DRY( 1, 75)      | DRY( 1, 76)  | DRY( 1, 77) | DRY( 1, 78) | DRY( 1, 79) |           |
| DRY( 1, 80)      | DRY( 1, 81)  | DRY( 1, 82) | DRY( 1, 83) | DRY( 1, 84) |           |







## SECTION\_A\_CASE\_III\_NOD3

|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
| DRY( 1,204) | DRY( 1,205) | DRY( 1,206) | DRY( 1,207) | DRY( 1,208) |
| DRY( 1,209) | DRY( 1,210) | DRY( 1,211) | DRY( 1,212) | DRY( 1,213) |
| DRY( 1,214) | DRY( 1,215) | DRY( 1,216) | DRY( 1,217) | DRY( 1,218) |
| DRY( 1,219) | DRY( 1,220) | DRY( 1,221) | DRY( 1,222) | DRY( 1,223) |
| DRY( 1,224) | DRY( 1,225) | DRY( 1,226) | DRY( 1,227) | DRY( 1,228) |
| DRY( 1,229) | DRY( 1,230) | DRY( 1,231) | DRY( 1,232) | DRY( 1,233) |
| DRY( 1,234) | DRY( 1,235) | DRY( 1,236) | DRY( 1,237) | DRY( 1,238) |
| DRY( 1,239) | DRY( 1,240) | DRY( 1,241) | DRY( 1,242) | DRY( 1,243) |
| DRY( 1,244) | DRY( 1,245) | DRY( 1,246) | DRY( 1,247) | DRY( 1,248) |
| DRY( 1,249) | DRY( 1,250) | DRY( 1,251) | DRY( 1,252) | DRY( 1,253) |
| DRY( 1,254) | DRY( 1,255) | DRY( 1,256) | DRY( 1,257) | DRY( 1,258) |
| DRY( 1,259) | DRY( 1,260) | DRY( 1,261) | DRY( 1,262) | DRY( 1,263) |
| DRY( 1,264) | DRY( 1,265) | DRY( 1,266) | DRY( 1,267) | DRY( 1,268) |
| DRY( 1,269) | DRY( 1,270) | DRY( 1,271) | DRY( 1,272) | DRY( 1,273) |
| DRY( 1,274) | DRY( 1,275) | DRY( 1,276) | DRY( 1,277) | DRY( 1,278) |
| DRY( 1,279) | DRY( 1,280) | DRY( 1,281) | DRY( 1,282) | DRY( 1,283) |
| DRY( 1,284) | DRY( 1,285) | DRY( 1,286) | DRY( 1,287) | DRY( 1,288) |
| DRY( 1,289) | DRY( 1,290) | DRY( 1,291) | DRY( 1,292) | DRY( 1,293) |
| DRY( 1,294) | DRY( 1,295) | DRY( 1,296) | DRY( 1,297) | DRY( 1,298) |
| DRY( 1,299) | DRY( 1,300) | DRY( 1,301) | DRY( 1,302) | DRY( 1,303) |
| DRY( 1,304) | DRY( 1,305) | DRY( 1,306) | DRY( 1,307) | DRY( 1,308) |
| DRY( 1,309) | DRY( 1,310) | DRY( 1,311) | DRY( 1,312) | DRY( 1,313) |
| DRY( 1,314) | DRY( 1,315) | DRY( 1,316) | DRY( 1,317) | DRY( 1,318) |
| DRY( 1,319) | DRY( 1,320) | DRY( 1,321) | DRY( 1,322) | DRY( 1,323) |
| DRY( 1,324) | DRY( 1,325) | DRY( 1,326) | DRY( 1,327) | DRY( 1,328) |
| DRY( 1,329) | DRY( 1,330) | DRY( 1,331) | DRY( 1,332) | DRY( 1,333) |
| DRY( 1,334) | DRY( 1,335) | DRY( 1,336) | DRY( 1,337) | DRY( 1,338) |
| DRY( 1,339) | DRY( 1,340) | DRY( 1,341) | DRY( 1,342) | DRY( 1,343) |
| DRY( 1,344) | DRY( 1,345) | DRY( 1,346) | DRY( 1,347) | DRY( 1,348) |
| DRY( 1,349) | DRY( 1,350) | DRY( 1,351) | DRY( 1,352) | DRY( 1,353) |
| DRY( 1,354) | DRY( 1,355) | DRY( 1,356) | DRY( 1,357) | DRY( 1,358) |
| DRY( 1,359) | DRY( 1,360) | DRY( 1,361) | DRY( 1,362) | DRY( 1,363) |
| DRY( 1,364) | DRY( 1,365) | DRY( 1,366) | DRY( 1,367) | DRY( 1,368) |
| DRY( 1,369) | DRY( 1,370) | DRY( 1,371) | DRY( 1,372) | DRY( 1,373) |
| DRY( 1,374) | DRY( 1,375) | DRY( 1,376) | DRY( 1,377) | DRY( 1,378) |
| DRY( 1,379) | DRY( 1,380) | DRY( 1,381) | DRY( 1,382) | DRY( 1,383) |
| DRY( 1,384) | DRY( 1,385) | DRY( 1,386) | DRY( 1,387) | DRY( 1,388) |
| DRY( 1,389) | DRY( 1,390) | DRY( 1,391) | DRY( 1,392) | DRY( 1,393) |
| DRY( 1,394) | DRY( 1,395) | DRY( 1,396) | DRY( 1,397) | DRY( 1,398) |
| DRY( 1,399) | DRY( 1,400) | DRY( 1,401) | DRY( 1,402) | DRY( 1,403) |
| DRY( 1,404) | DRY( 1,405) | DRY( 1,406) | DRY( 1,407) | DRY( 1,408) |
| DRY( 1,409) | DRY( 1,410) | DRY( 1,411) | DRY( 1,412) | DRY( 1,413) |
| DRY( 1,414) | DRY( 1,415) | DRY( 1,416) | DRY( 1,417) | DRY( 1,418) |
| DRY( 1,419) | DRY( 1,420) | DRY( 1,421) | DRY( 1,422) | DRY( 1,423) |
| DRY( 1,424) | DRY( 1,425) | DRY( 1,426) | DRY( 1,427) | DRY( 1,428) |
| DRY( 1,429) | DRY( 1,430) | DRY( 1,431) | DRY( 1,432) | DRY( 1,433) |
| DRY( 1,434) | DRY( 1,435) | DRY( 1,436) | DRY( 1,437) | DRY( 1,438) |
| DRY( 1,439) | DRY( 1,440) | DRY( 1,441) | DRY( 1,442) | DRY( 1,443) |
| DRY( 1,444) | DRY( 1,445) | DRY( 1,446) | DRY( 1,447) | DRY( 1,448) |
| DRY( 1,449) | DRY( 1,450) | DRY( 1,451) | DRY( 1,452) | DRY( 1,453) |
| DRY( 1,454) | DRY( 1,455) | DRY( 1,456) | DRY( 1,457) | DRY( 1,458) |
| DRY( 1,459) | DRY( 1,460) | DRY( 1,461) | DRY( 1,462) | DRY( 1,463) |
| DRY( 1,464) | DRY( 1,465) | DRY( 1,466) | DRY( 1,467) | DRY( 1,468) |
| DRY( 1,469) | DRY( 1,470) | DRY( 1,471) | DRY( 1,472) | DRY( 1,473) |
| DRY( 1,474) | DRY( 1,475) | DRY( 1,476) | DRY( 1,477) | DRY( 1,478) |
| DRY( 1,479) | DRY( 1,480) | DRY( 1,481) | DRY( 1,482) | DRY( 1,483) |
| DRY( 1,484) | DRY( 1,485) | DRY( 1,486) | DRY( 1,487) | DRY( 1,488) |
| DRY( 1,489) | DRY( 1,490) | DRY( 1,491) | DRY( 1,492) | DRY( 1,493) |
| DRY( 1,494) | DRY( 1,495) | DRY( 1,496) | DRY( 1,497) | DRY( 1,498) |
| DRY( 1,499) | DRY( 1,500) |             |             |             |

|                  |              |             |             |             |            |
|------------------|--------------|-------------|-------------|-------------|------------|
| CELL CONVERSIONS | FOR ITER.= 1 | LAYER= 11   | STEP= 1     | PERIOD= 1   | (ROW, COL) |
| DRY( 1,171)      | DRY( 1,172)  | DRY( 1,173) | DRY( 1,174) | DRY( 1,175) |            |
| DRY( 1,176)      | DRY( 1,177)  | DRY( 1,178) | DRY( 1,179) | DRY( 1,180) |            |
| DRY( 1,181)      | DRY( 1,182)  | DRY( 1,183) | DRY( 1,184) | DRY( 1,185) |            |



## SECTION\_A\_CASE\_III\_NOD3

|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
| DRY( 1,228) | DRY( 1,229) | DRY( 1,230) | DRY( 1,231) | DRY( 1,232) |
| DRY( 1,233) | DRY( 1,234) | DRY( 1,235) | DRY( 1,236) | DRY( 1,237) |
| DRY( 1,238) | DRY( 1,239) | DRY( 1,240) | DRY( 1,241) | DRY( 1,242) |
| DRY( 1,243) | DRY( 1,244) | DRY( 1,245) | DRY( 1,246) | DRY( 1,247) |
| DRY( 1,248) | DRY( 1,249) | DRY( 1,250) | DRY( 1,251) | DRY( 1,252) |
| DRY( 1,253) | DRY( 1,254) | DRY( 1,255) | DRY( 1,256) | DRY( 1,257) |
| DRY( 1,258) | DRY( 1,259) | DRY( 1,260) | DRY( 1,261) | DRY( 1,262) |
| DRY( 1,263) | DRY( 1,264) | DRY( 1,265) | DRY( 1,266) | DRY( 1,267) |
| DRY( 1,268) | DRY( 1,269) | DRY( 1,270) | DRY( 1,271) | DRY( 1,272) |
| DRY( 1,273) | DRY( 1,274) | DRY( 1,275) | DRY( 1,276) | DRY( 1,277) |
| DRY( 1,278) | DRY( 1,279) | DRY( 1,280) | DRY( 1,281) | DRY( 1,282) |
| DRY( 1,283) | DRY( 1,284) | DRY( 1,285) | DRY( 1,286) | DRY( 1,287) |
| DRY( 1,288) | DRY( 1,289) | DRY( 1,290) | DRY( 1,291) | DRY( 1,292) |
| DRY( 1,293) | DRY( 1,294) | DRY( 1,295) | DRY( 1,296) | DRY( 1,297) |
| DRY( 1,298) | DRY( 1,299) | DRY( 1,300) | DRY( 1,301) | DRY( 1,302) |
| DRY( 1,303) | DRY( 1,304) | DRY( 1,305) | DRY( 1,306) | DRY( 1,307) |
| DRY( 1,308) | DRY( 1,309) | DRY( 1,310) | DRY( 1,311) | DRY( 1,312) |
| DRY( 1,313) | DRY( 1,314) | DRY( 1,315) | DRY( 1,316) | DRY( 1,317) |
| DRY( 1,318) | DRY( 1,319) | DRY( 1,320) | DRY( 1,321) | DRY( 1,322) |
| DRY( 1,323) | DRY( 1,324) | DRY( 1,325) | DRY( 1,326) | DRY( 1,327) |
| DRY( 1,328) | DRY( 1,329) | DRY( 1,330) | DRY( 1,331) | DRY( 1,332) |
| DRY( 1,333) | DRY( 1,334) | DRY( 1,335) | DRY( 1,336) | DRY( 1,337) |
| DRY( 1,338) | DRY( 1,339) | DRY( 1,340) | DRY( 1,341) | DRY( 1,342) |
| DRY( 1,343) | DRY( 1,344) | DRY( 1,345) | DRY( 1,346) | DRY( 1,347) |
| DRY( 1,348) | DRY( 1,349) | DRY( 1,350) | DRY( 1,351) | DRY( 1,352) |
| DRY( 1,353) | DRY( 1,354) | DRY( 1,355) | DRY( 1,356) | DRY( 1,357) |
| DRY( 1,358) | DRY( 1,359) | DRY( 1,360) | DRY( 1,361) | DRY( 1,362) |
| DRY( 1,363) | DRY( 1,364) | DRY( 1,365) | DRY( 1,366) | DRY( 1,367) |
| DRY( 1,368) | DRY( 1,369) | DRY( 1,370) | DRY( 1,371) | DRY( 1,372) |
| DRY( 1,373) | DRY( 1,374) | DRY( 1,375) | DRY( 1,376) | DRY( 1,377) |
| DRY( 1,378) | DRY( 1,379) | DRY( 1,380) | DRY( 1,381) | DRY( 1,382) |
| DRY( 1,383) | DRY( 1,384) | DRY( 1,385) | DRY( 1,386) | DRY( 1,387) |
| DRY( 1,388) | DRY( 1,389) | DRY( 1,390) | DRY( 1,391) | DRY( 1,392) |
| DRY( 1,393) | DRY( 1,394) | DRY( 1,395) | DRY( 1,396) | DRY( 1,397) |
| DRY( 1,398) | DRY( 1,399) | DRY( 1,400) | DRY( 1,401) | DRY( 1,402) |
| DRY( 1,403) | DRY( 1,404) | DRY( 1,405) | DRY( 1,406) | DRY( 1,407) |
| DRY( 1,408) | DRY( 1,409) | DRY( 1,410) | DRY( 1,411) | DRY( 1,412) |
| DRY( 1,413) | DRY( 1,414) | DRY( 1,415) | DRY( 1,416) | DRY( 1,417) |
| DRY( 1,418) | DRY( 1,419) | DRY( 1,420) | DRY( 1,421) | DRY( 1,422) |
| DRY( 1,423) | DRY( 1,424) | DRY( 1,425) | DRY( 1,426) | DRY( 1,427) |
| DRY( 1,428) | DRY( 1,429) | DRY( 1,430) | DRY( 1,431) | DRY( 1,432) |
| DRY( 1,433) | DRY( 1,434) | DRY( 1,435) | DRY( 1,436) | DRY( 1,437) |
| DRY( 1,438) | DRY( 1,439) | DRY( 1,440) | DRY( 1,441) | DRY( 1,442) |
| DRY( 1,443) | DRY( 1,444) | DRY( 1,445) | DRY( 1,446) | DRY( 1,447) |
| DRY( 1,448) | DRY( 1,449) | DRY( 1,450) | DRY( 1,451) | DRY( 1,452) |
| DRY( 1,453) | DRY( 1,454) | DRY( 1,455) | DRY( 1,456) | DRY( 1,457) |
| DRY( 1,458) | DRY( 1,459) | DRY( 1,460) | DRY( 1,461) | DRY( 1,462) |
| DRY( 1,463) | DRY( 1,464) | DRY( 1,465) | DRY( 1,466) | DRY( 1,467) |
| DRY( 1,468) | DRY( 1,469) | DRY( 1,470) | DRY( 1,471) | DRY( 1,472) |
| DRY( 1,473) | DRY( 1,474) | DRY( 1,475) | DRY( 1,476) | DRY( 1,477) |
| DRY( 1,478) | DRY( 1,479) | DRY( 1,480) | DRY( 1,481) | DRY( 1,482) |
| DRY( 1,483) | DRY( 1,484) | DRY( 1,485) | DRY( 1,486) | DRY( 1,487) |
| DRY( 1,488) | DRY( 1,489) | DRY( 1,490) | DRY( 1,491) | DRY( 1,492) |
| DRY( 1,493) | DRY( 1,494) | DRY( 1,495) | DRY( 1,496) | DRY( 1,497) |
| DRY( 1,498) | DRY( 1,499) | DRY( 1,500) |             |             |

| CELL CONVERSIONS | FOR ITER.= 1 | LAYER= 13   | STEP= 1     | PERIOD= 1   | (ROW, COL) |
|------------------|--------------|-------------|-------------|-------------|------------|
| DRY( 1,285)      | DRY( 1,286)  | DRY( 1,287) | DRY( 1,288) | DRY( 1,289) |            |
| DRY( 1,290)      | DRY( 1,291)  | DRY( 1,292) | DRY( 1,293) | DRY( 1,294) |            |
| DRY( 1,295)      | DRY( 1,296)  | DRY( 1,297) | DRY( 1,298) | DRY( 1,299) |            |
| DRY( 1,300)      | DRY( 1,301)  | DRY( 1,302) | DRY( 1,303) | DRY( 1,304) |            |
| DRY( 1,305)      | DRY( 1,306)  | DRY( 1,307) | DRY( 1,308) | DRY( 1,309) |            |
| DRY( 1,310)      | DRY( 1,311)  | DRY( 1,312) | DRY( 1,313) | DRY( 1,314) |            |
| DRY( 1,315)      | DRY( 1,316)  | DRY( 1,317) | DRY( 1,318) | DRY( 1,319) |            |
| DRY( 1,320)      | DRY( 1,321)  | DRY( 1,322) | DRY( 1,323) | DRY( 1,324) |            |









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DRY( 1,500)

| CELL CONVERSIONS FOR ITER.= 1 |             | LAYER= 22   | STEP= 1     | PERIOD= 1   | (ROW,COL)   |
|-------------------------------|-------------|-------------|-------------|-------------|-------------|
| DRY( 1,458)                   | DRY( 1,459) | DRY( 1,460) | DRY( 1,461) | DRY( 1,462) | DRY( 1,462) |
| DRY( 1,463)                   | DRY( 1,464) | DRY( 1,465) | DRY( 1,466) | DRY( 1,467) | DRY( 1,467) |
| DRY( 1,468)                   | DRY( 1,469) | DRY( 1,470) | DRY( 1,471) | DRY( 1,472) | DRY( 1,472) |
| DRY( 1,473)                   | DRY( 1,474) | DRY( 1,475) | DRY( 1,476) | DRY( 1,477) | DRY( 1,477) |
| DRY( 1,478)                   | DRY( 1,479) | DRY( 1,480) | DRY( 1,481) | DRY( 1,482) | DRY( 1,482) |
| DRY( 1,483)                   | DRY( 1,484) | DRY( 1,485) | DRY( 1,486) | DRY( 1,487) | DRY( 1,487) |
| DRY( 1,488)                   | DRY( 1,489) | DRY( 1,490) | DRY( 1,491) | DRY( 1,492) | DRY( 1,492) |
| DRY( 1,493)                   | DRY( 1,494) | DRY( 1,495) | DRY( 1,496) | DRY( 1,497) | DRY( 1,497) |
| DRY( 1,498)                   | DRY( 1,499) | DRY( 1,500) |             |             |             |

| CELL CONVERSIONS FOR ITER.= 1 |             | LAYER= 23   | STEP= 1     | PERIOD= 1   | (ROW,COL)   |
|-------------------------------|-------------|-------------|-------------|-------------|-------------|
| DRY( 1,467)                   | DRY( 1,468) | DRY( 1,469) | DRY( 1,470) | DRY( 1,471) | DRY( 1,471) |
| DRY( 1,472)                   | DRY( 1,473) | DRY( 1,474) | DRY( 1,475) | DRY( 1,476) | DRY( 1,476) |
| DRY( 1,477)                   | DRY( 1,478) | DRY( 1,479) | DRY( 1,480) | DRY( 1,481) | DRY( 1,481) |
| DRY( 1,482)                   | DRY( 1,483) | DRY( 1,484) | DRY( 1,485) | DRY( 1,486) | DRY( 1,486) |
| DRY( 1,487)                   | DRY( 1,488) | DRY( 1,489) | DRY( 1,490) | DRY( 1,491) | DRY( 1,491) |
| DRY( 1,492)                   | DRY( 1,493) | DRY( 1,494) | DRY( 1,495) | DRY( 1,496) | DRY( 1,496) |
| DRY( 1,497)                   | DRY( 1,498) | DRY( 1,499) | DRY( 1,500) |             |             |

| CELL CONVERSIONS FOR ITER.= 1 |             | LAYER= 24   | STEP= 1     | PERIOD= 1   | (ROW,COL)   |
|-------------------------------|-------------|-------------|-------------|-------------|-------------|
| DRY( 1,475)                   | DRY( 1,476) | DRY( 1,477) | DRY( 1,478) | DRY( 1,479) | DRY( 1,479) |
| DRY( 1,480)                   | DRY( 1,481) | DRY( 1,482) | DRY( 1,483) | DRY( 1,484) | DRY( 1,484) |
| DRY( 1,485)                   | DRY( 1,486) | DRY( 1,487) | DRY( 1,488) | DRY( 1,489) | DRY( 1,489) |
| DRY( 1,490)                   | DRY( 1,491) | DRY( 1,492) | DRY( 1,493) | DRY( 1,494) | DRY( 1,494) |
| DRY( 1,495)                   | DRY( 1,496) | DRY( 1,497) | DRY( 1,498) | DRY( 1,499) | DRY( 1,499) |
| DRY( 1,500)                   |             |             |             |             |             |

| CELL CONVERSIONS FOR ITER.= 1 |             | LAYER= 25   | STEP= 1     | PERIOD= 1   | (ROW,COL)   |
|-------------------------------|-------------|-------------|-------------|-------------|-------------|
| DRY( 1,484)                   | DRY( 1,485) | DRY( 1,486) | DRY( 1,487) | DRY( 1,488) | DRY( 1,488) |
| DRY( 1,489)                   | DRY( 1,490) | DRY( 1,491) | DRY( 1,492) | DRY( 1,493) | DRY( 1,493) |
| DRY( 1,494)                   | DRY( 1,495) | DRY( 1,496) | DRY( 1,497) | DRY( 1,498) | DRY( 1,498) |
| DRY( 1,499)                   | DRY( 1,500) |             |             |             |             |

| CELL CONVERSIONS FOR ITER.= 1 |             | LAYER= 26   | STEP= 1     | PERIOD= 1   | (ROW,COL)   |
|-------------------------------|-------------|-------------|-------------|-------------|-------------|
| DRY( 1,492)                   | DRY( 1,493) | DRY( 1,494) | DRY( 1,495) | DRY( 1,496) | DRY( 1,496) |
| DRY( 1,497)                   | DRY( 1,498) | DRY( 1,499) | DRY( 1,500) |             |             |

| CELL CONVERSIONS FOR ITER.= 2 |             | LAYER= 9    | STEP= 1     | PERIOD= 1   | (ROW,COL)   |
|-------------------------------|-------------|-------------|-------------|-------------|-------------|
| DRY( 1, 52)                   | DRY( 1, 53) | DRY( 1, 54) | DRY( 1, 55) | DRY( 1, 56) | DRY( 1, 56) |
| DRY( 1, 57)                   |             |             |             |             |             |

| CELL CONVERSIONS FOR ITER.= 2 |             | LAYER= 14   | STEP= 1     | PERIOD= 1   | (ROW,COL)   |
|-------------------------------|-------------|-------------|-------------|-------------|-------------|
| DRY( 1,331)                   | DRY( 1,332) | DRY( 1,333) | DRY( 1,334) | DRY( 1,335) | DRY( 1,335) |
| DRY( 1,336)                   | DRY( 1,337) | DRY( 1,338) | DRY( 1,339) | DRY( 1,340) | DRY( 1,340) |

| CELL CONVERSIONS FOR ITER.= 2 |             | LAYER= 15   | STEP= 1     | PERIOD= 1   | (ROW,COL)   |
|-------------------------------|-------------|-------------|-------------|-------------|-------------|
| DRY( 1,359)                   | DRY( 1,360) | DRY( 1,361) | DRY( 1,362) | DRY( 1,363) | DRY( 1,363) |
| DRY( 1,364)                   | DRY( 1,365) | DRY( 1,366) | DRY( 1,367) | DRY( 1,368) | DRY( 1,368) |
| DRY( 1,369)                   | DRY( 1,370) | DRY( 1,371) | DRY( 1,372) | DRY( 1,373) | DRY( 1,373) |
| DRY( 1,374)                   | DRY( 1,375) | DRY( 1,376) | DRY( 1,377) | DRY( 1,378) | DRY( 1,378) |
| DRY( 1,379)                   | DRY( 1,380) | DRY( 1,381) | DRY( 1,382) | DRY( 1,383) | DRY( 1,383) |
| DRY( 1,384)                   | DRY( 1,385) | DRY( 1,386) | DRY( 1,387) | DRY( 1,388) | DRY( 1,388) |
| DRY( 1,389)                   | DRY( 1,390) | DRY( 1,391) | DRY( 1,392) | DRY( 1,393) | DRY( 1,393) |
| DRY( 1,394)                   |             |             |             |             |             |

| CELL CONVERSIONS FOR ITER.= 3 |             | LAYER= 8    | STEP= 1     | PERIOD= 1   | (ROW,COL)   |
|-------------------------------|-------------|-------------|-------------|-------------|-------------|
| WET( 1, 27)                   | WET( 1, 28) | WET( 1, 29) | WET( 1, 30) | WET( 1, 31) | WET( 1, 31) |
| WET( 1, 32)                   | WET( 1, 33) | WET( 1, 34) | WET( 1, 35) | WET( 1, 36) | WET( 1, 36) |
| WET( 1, 37)                   | WET( 1, 38) | WET( 1, 39) | WET( 1, 40) | WET( 1, 41) | WET( 1, 41) |
| WET( 1, 42)                   | WET( 1, 43) | WET( 1, 44) | WET( 1, 45) | WET( 1, 46) | WET( 1, 46) |
| WET( 1, 47)                   | WET( 1, 48) | WET( 1, 49) | WET( 1, 50) | WET( 1, 51) | WET( 1, 51) |

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|                               |              |              |              |              |
|-------------------------------|--------------|--------------|--------------|--------------|
| CELL CONVERSIONS FOR ITER.= 3 | LAYER= 9     | STEP= 1      | PERIOD= 1    | (ROW, COL)   |
| WET( 1, 52)                   |              |              |              |              |
| CELL CONVERSIONS FOR ITER.= 4 | LAYER= 15    | STEP= 1      | PERIOD= 1    | (ROW, COL)   |
| DRY( 1, 331)                  | DRY( 1, 332) | DRY( 1, 333) | DRY( 1, 334) | DRY( 1, 335) |
| DRY( 1, 336)                  | DRY( 1, 337) | DRY( 1, 338) | DRY( 1, 339) | DRY( 1, 340) |
| DRY( 1, 341)                  | DRY( 1, 342) | DRY( 1, 343) | DRY( 1, 344) | DRY( 1, 345) |
| DRY( 1, 346)                  | DRY( 1, 347) | DRY( 1, 348) | DRY( 1, 349) | DRY( 1, 350) |
| DRY( 1, 351)                  | DRY( 1, 352) | DRY( 1, 353) | DRY( 1, 354) | DRY( 1, 355) |
| DRY( 1, 356)                  | DRY( 1, 357) | DRY( 1, 358) |              |              |
| CELL CONVERSIONS FOR ITER.= 4 | LAYER= 16    | STEP= 1      | PERIOD= 1    | (ROW, COL)   |
| DRY( 1, 403)                  | DRY( 1, 404) | DRY( 1, 405) | DRY( 1, 406) |              |
| CELL CONVERSIONS FOR ITER.= 5 | LAYER= 16    | STEP= 1      | PERIOD= 1    | (ROW, COL)   |
| DRY( 1, 370)                  | DRY( 1, 371) | DRY( 1, 372) | DRY( 1, 373) | DRY( 1, 374) |
| DRY( 1, 375)                  | DRY( 1, 376) | DRY( 1, 377) | DRY( 1, 378) | DRY( 1, 379) |
| DRY( 1, 380)                  | DRY( 1, 381) | DRY( 1, 382) | DRY( 1, 383) | DRY( 1, 384) |
| DRY( 1, 385)                  | DRY( 1, 386) | DRY( 1, 387) | DRY( 1, 388) | DRY( 1, 389) |
| DRY( 1, 390)                  | DRY( 1, 391) | DRY( 1, 392) | DRY( 1, 393) | DRY( 1, 394) |
| DRY( 1, 395)                  | DRY( 1, 396) | DRY( 1, 397) | DRY( 1, 398) | DRY( 1, 399) |
| DRY( 1, 400)                  | DRY( 1, 401) | DRY( 1, 402) |              |              |
| CELL CONVERSIONS FOR ITER.= 6 | LAYER= 7     | STEP= 1      | PERIOD= 1    | (ROW, COL)   |
| WET( 1, 27)                   | WET( 1, 28)  | WET( 1, 29)  | WET( 1, 30)  | WET( 1, 31)  |
| WET( 1, 32)                   | WET( 1, 33)  | WET( 1, 34)  | WET( 1, 35)  | WET( 1, 36)  |
| WET( 1, 37)                   | WET( 1, 38)  | WET( 1, 39)  | WET( 1, 40)  | WET( 1, 41)  |
| WET( 1, 42)                   | WET( 1, 43)  | WET( 1, 44)  | WET( 1, 45)  | WET( 1, 46)  |
| WET( 1, 47)                   | WET( 1, 48)  |              |              |              |
| CELL CONVERSIONS FOR ITER.= 6 | LAYER= 16    | STEP= 1      | PERIOD= 1    | (ROW, COL)   |
| DRY( 1, 361)                  | DRY( 1, 362) | DRY( 1, 363) | DRY( 1, 364) | DRY( 1, 365) |
| DRY( 1, 366)                  | DRY( 1, 367) | DRY( 1, 368) | DRY( 1, 369) |              |
| CELL CONVERSIONS FOR ITER.= 6 | LAYER= 17    | STEP= 1      | PERIOD= 1    | (ROW, COL)   |
| DRY( 1, 412)                  | DRY( 1, 413) | DRY( 1, 414) |              |              |
| CELL CONVERSIONS FOR ITER.= 7 | LAYER= 16    | STEP= 1      | PERIOD= 1    | (ROW, COL)   |
| DRY( 1, 351)                  | DRY( 1, 352) | DRY( 1, 353) | DRY( 1, 354) | DRY( 1, 355) |
| DRY( 1, 356)                  | DRY( 1, 357) | DRY( 1, 358) | DRY( 1, 359) | DRY( 1, 360) |
| CELL CONVERSIONS FOR ITER.= 7 | LAYER= 17    | STEP= 1      | PERIOD= 1    | (ROW, COL)   |
| DRY( 1, 409)                  | DRY( 1, 410) | DRY( 1, 411) |              |              |
| CELL CONVERSIONS FOR ITER.= 8 | LAYER= 16    | STEP= 1      | PERIOD= 1    | (ROW, COL)   |
| DRY( 1, 331)                  | DRY( 1, 332) | DRY( 1, 333) | DRY( 1, 334) | DRY( 1, 335) |
| DRY( 1, 336)                  | DRY( 1, 337) | DRY( 1, 338) | DRY( 1, 339) | DRY( 1, 340) |
| DRY( 1, 341)                  | DRY( 1, 342) | DRY( 1, 343) | DRY( 1, 344) | DRY( 1, 345) |
| DRY( 1, 346)                  | DRY( 1, 347) | DRY( 1, 348) | DRY( 1, 349) | DRY( 1, 350) |
| CELL CONVERSIONS FOR ITER.= 8 | LAYER= 17    | STEP= 1      | PERIOD= 1    | (ROW, COL)   |
| DRY( 1, 399)                  | DRY( 1, 403) | DRY( 1, 404) | DRY( 1, 405) | DRY( 1, 406) |
| DRY( 1, 407)                  | DRY( 1, 408) |              |              |              |
| CELL CONVERSIONS FOR ITER.= 9 | LAYER= 6     | STEP= 1      | PERIOD= 1    | (ROW, COL)   |
| WET( 1, 27)                   | WET( 1, 28)  | WET( 1, 29)  | WET( 1, 30)  | WET( 1, 31)  |
| WET( 1, 32)                   | WET( 1, 33)  | WET( 1, 34)  | WET( 1, 35)  | WET( 1, 36)  |
| WET( 1, 37)                   | WET( 1, 38)  | WET( 1, 39)  | WET( 1, 40)  | WET( 1, 41)  |
| WET( 1, 42)                   | WET( 1, 43)  | WET( 1, 44)  | WET( 1, 45)  | WET( 1, 46)  |
| CELL CONVERSIONS FOR ITER.= 9 | LAYER= 17    | STEP= 1      | PERIOD= 1    | (ROW, COL)   |
| DRY( 1, 382)                  | DRY( 1, 383) | DRY( 1, 384) | DRY( 1, 386) | DRY( 1, 387) |
| DRY( 1, 388)                  | DRY( 1, 389) | DRY( 1, 390) | DRY( 1, 391) | DRY( 1, 392) |
| DRY( 1, 393)                  | DRY( 1, 394) | DRY( 1, 395) | DRY( 1, 396) | DRY( 1, 397) |
| DRY( 1, 398)                  | DRY( 1, 400) | DRY( 1, 401) | DRY( 1, 402) |              |

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|                                |             |             |             |           |
|--------------------------------|-------------|-------------|-------------|-----------|
| CELL CONVERSIONS FOR ITER.= 10 | LAYER= 17   | STEP= 1     | PERIOD= 1   | (ROW,COL) |
| DRY( 1,378) DRY( 1,379)        | DRY( 1,380) | DRY( 1,381) | DRY( 1,385) |           |
| CELL CONVERSIONS FOR ITER.= 11 | LAYER= 17   | STEP= 1     | PERIOD= 1   | (ROW,COL) |
| DRY( 1,375) DRY( 1,376)        | DRY( 1,377) |             |             |           |
| CELL CONVERSIONS FOR ITER.= 12 | LAYER= 6    | STEP= 1     | PERIOD= 1   | (ROW,COL) |
| DRY( 1, 27) DRY( 1, 28)        | DRY( 1, 29) | DRY( 1, 30) | DRY( 1, 31) |           |
| DRY( 1, 32) DRY( 1, 33)        | DRY( 1, 34) | DRY( 1, 35) | DRY( 1, 36) |           |
| DRY( 1, 37) DRY( 1, 38)        | DRY( 1, 39) | DRY( 1, 40) | DRY( 1, 41) |           |
| DRY( 1, 42) DRY( 1, 43)        | DRY( 1, 44) | DRY( 1, 45) |             |           |
| CELL CONVERSIONS FOR ITER.= 12 | LAYER= 7    | STEP= 1     | PERIOD= 1   | (ROW,COL) |
| DRY( 1, 27) DRY( 1, 28)        | DRY( 1, 29) | DRY( 1, 30) | DRY( 1, 31) |           |
| DRY( 1, 32) DRY( 1, 33)        | DRY( 1, 34) | DRY( 1, 35) | DRY( 1, 36) |           |
| DRY( 1, 37) DRY( 1, 38)        | DRY( 1, 39) | DRY( 1, 40) | DRY( 1, 41) |           |
| DRY( 1, 42) DRY( 1, 43)        | DRY( 1, 44) | DRY( 1, 45) |             |           |
| CELL CONVERSIONS FOR ITER.= 12 | LAYER= 8    | STEP= 1     | PERIOD= 1   | (ROW,COL) |
| DRY( 1, 27) DRY( 1, 28)        | DRY( 1, 29) | DRY( 1, 30) | DRY( 1, 31) |           |
| DRY( 1, 32) DRY( 1, 33)        | DRY( 1, 34) | DRY( 1, 35) | DRY( 1, 36) |           |
| DRY( 1, 37) DRY( 1, 38)        | DRY( 1, 39) | DRY( 1, 40) | DRY( 1, 41) |           |
| DRY( 1, 42) DRY( 1, 43)        | DRY( 1, 44) | DRY( 1, 45) |             |           |
| CELL CONVERSIONS FOR ITER.= 12 | LAYER= 9    | STEP= 1     | PERIOD= 1   | (ROW,COL) |
| DRY( 1, 27) DRY( 1, 28)        | DRY( 1, 29) | DRY( 1, 30) | DRY( 1, 31) |           |
| DRY( 1, 32) DRY( 1, 33)        | DRY( 1, 34) | DRY( 1, 35) | DRY( 1, 36) |           |
| DRY( 1, 37) DRY( 1, 38)        | DRY( 1, 39) | DRY( 1, 40) | DRY( 1, 41) |           |
| DRY( 1, 42) DRY( 1, 43)        | DRY( 1, 44) |             |             |           |
| CELL CONVERSIONS FOR ITER.= 12 | LAYER= 10   | STEP= 1     | PERIOD= 1   | (ROW,COL) |
| DRY( 1, 29) DRY( 1, 30)        | DRY( 1, 31) | DRY( 1, 32) | DRY( 1, 33) |           |
| DRY( 1, 34) DRY( 1, 35)        | DRY( 1, 36) | DRY( 1, 37) | DRY( 1, 38) |           |
| DRY( 1, 39) DRY( 1, 40)        | DRY( 1, 41) | DRY( 1, 42) | DRY( 1, 43) |           |
| CELL CONVERSIONS FOR ITER.= 12 | LAYER= 11   | STEP= 1     | PERIOD= 1   | (ROW,COL) |
| DRY( 1, 34) DRY( 1, 35)        | DRY( 1, 36) | DRY( 1, 37) | DRY( 1, 38) |           |
| DRY( 1, 39) DRY( 1, 40)        | DRY( 1, 41) | DRY( 1, 42) |             |           |
| CELL CONVERSIONS FOR ITER.= 12 | LAYER= 12   | STEP= 1     | PERIOD= 1   | (ROW,COL) |
| DRY( 1, 36) DRY( 1, 37)        | DRY( 1, 38) | DRY( 1, 39) | DRY( 1, 40) |           |
| DRY( 1, 41)                    |             |             |             |           |
| CELL CONVERSIONS FOR ITER.= 12 | LAYER= 17   | STEP= 1     | PERIOD= 1   | (ROW,COL) |
| DRY( 1,374)                    |             |             |             |           |
| CELL CONVERSIONS FOR ITER.= 13 | LAYER= 17   | STEP= 1     | PERIOD= 1   | (ROW,COL) |
| DRY( 1,372) DRY( 1,373)        |             |             |             |           |
| CELL CONVERSIONS FOR ITER.= 14 | LAYER= 17   | STEP= 1     | PERIOD= 1   | (ROW,COL) |
| DRY( 1,371)                    |             |             |             |           |
| CELL CONVERSIONS FOR ITER.= 15 | LAYER= 8    | STEP= 1     | PERIOD= 1   | (ROW,COL) |
| WET( 1, 45)                    |             |             |             |           |
| CELL CONVERSIONS FOR ITER.= 15 | LAYER= 9    | STEP= 1     | PERIOD= 1   | (ROW,COL) |
| WET( 1, 44)                    |             |             |             |           |
| CELL CONVERSIONS FOR ITER.= 15 | LAYER= 10   | STEP= 1     | PERIOD= 1   | (ROW,COL) |
| WET( 1, 31) WET( 1, 32)        | WET( 1, 33) | WET( 1, 43) |             |           |
| CELL CONVERSIONS FOR ITER.= 15 | LAYER= 11   | STEP= 1     | PERIOD= 1   | (ROW,COL) |
| WET( 1, 34) WET( 1, 35)        | WET( 1, 42) |             |             |           |

|                  |               |             |             |             |   | SECTION_A_CASE_III_NOD3 |  |
|------------------|---------------|-------------|-------------|-------------|---|-------------------------|--|
| CELL CONVERSIONS | FOR ITER.= 15 | LAYER= 12   | STEP= 1     | PERIOD=     | 1 | (ROW,COL)               |  |
| WET( 1, 36)      | WET( 1, 37)   | WET( 1, 38) | WET( 1, 39) | WET( 1, 40) |   |                         |  |
| WET( 1, 41)      |               |             |             |             |   |                         |  |
| CELL CONVERSIONS | FOR ITER.= 15 | LAYER= 17   | STEP= 1     | PERIOD=     | 1 | (ROW,COL)               |  |
| DRY( 1,370)      |               |             |             |             |   |                         |  |
| CELL CONVERSIONS | FOR ITER.= 16 | LAYER= 17   | STEP= 1     | PERIOD=     | 1 | (ROW,COL)               |  |
| DRY( 1,369)      |               |             |             |             |   |                         |  |
| CELL CONVERSIONS | FOR ITER.= 17 | LAYER= 17   | STEP= 1     | PERIOD=     | 1 | (ROW,COL)               |  |
| DRY( 1,368)      |               |             |             |             |   |                         |  |
| CELL CONVERSIONS | FOR ITER.= 18 | LAYER= 7    | STEP= 1     | PERIOD=     | 1 | (ROW,COL)               |  |
| WET( 1, 45)      |               |             |             |             |   |                         |  |
| CELL CONVERSIONS | FOR ITER.= 18 | LAYER= 8    | STEP= 1     | PERIOD=     | 1 | (ROW,COL)               |  |
| WET( 1, 44)      |               |             |             |             |   |                         |  |
| CELL CONVERSIONS | FOR ITER.= 18 | LAYER= 9    | STEP= 1     | PERIOD=     | 1 | (ROW,COL)               |  |
| WET( 1, 31)      | WET( 1, 32)   | WET( 1, 33) | WET( 1, 43) |             |   |                         |  |
| CELL CONVERSIONS | FOR ITER.= 18 | LAYER= 10   | STEP= 1     | PERIOD=     | 1 | (ROW,COL)               |  |
| WET( 1, 34)      | WET( 1, 35)   | WET( 1, 42) |             |             |   |                         |  |
| CELL CONVERSIONS | FOR ITER.= 18 | LAYER= 11   | STEP= 1     | PERIOD=     | 1 | (ROW,COL)               |  |
| WET( 1, 36)      | WET( 1, 37)   | WET( 1, 38) | WET( 1, 39) | WET( 1, 40) |   |                         |  |
| WET( 1, 41)      |               |             |             |             |   |                         |  |
| CELL CONVERSIONS | FOR ITER.= 18 | LAYER= 17   | STEP= 1     | PERIOD=     | 1 | (ROW,COL)               |  |
| DRY( 1,367)      |               |             |             |             |   |                         |  |
| CELL CONVERSIONS | FOR ITER.= 19 | LAYER= 17   | STEP= 1     | PERIOD=     | 1 | (ROW,COL)               |  |
| DRY( 1,366)      |               |             |             |             |   |                         |  |
| CELL CONVERSIONS | FOR ITER.= 21 | LAYER= 6    | STEP= 1     | PERIOD=     | 1 | (ROW,COL)               |  |
| WET( 1, 45)      |               |             |             |             |   |                         |  |
| CELL CONVERSIONS | FOR ITER.= 21 | LAYER= 7    | STEP= 1     | PERIOD=     | 1 | (ROW,COL)               |  |
| WET( 1, 44)      |               |             |             |             |   |                         |  |
| CELL CONVERSIONS | FOR ITER.= 21 | LAYER= 8    | STEP= 1     | PERIOD=     | 1 | (ROW,COL)               |  |
| WET( 1, 31)      | WET( 1, 32)   | WET( 1, 33) | WET( 1, 43) |             |   |                         |  |
| CELL CONVERSIONS | FOR ITER.= 21 | LAYER= 9    | STEP= 1     | PERIOD=     | 1 | (ROW,COL)               |  |
| WET( 1, 34)      | WET( 1, 35)   | WET( 1, 42) |             |             |   |                         |  |
| CELL CONVERSIONS | FOR ITER.= 21 | LAYER= 10   | STEP= 1     | PERIOD=     | 1 | (ROW,COL)               |  |
| WET( 1, 36)      | WET( 1, 37)   | WET( 1, 38) | WET( 1, 39) | WET( 1, 40) |   |                         |  |
| WET( 1, 41)      |               |             |             |             |   |                         |  |
| CELL CONVERSIONS | FOR ITER.= 21 | LAYER= 17   | STEP= 1     | PERIOD=     | 1 | (ROW,COL)               |  |
| DRY( 1,365)      |               |             |             |             |   |                         |  |
| CELL CONVERSIONS | FOR ITER.= 23 | LAYER= 17   | STEP= 1     | PERIOD=     | 1 | (ROW,COL)               |  |
| DRY( 1,364)      |               |             |             |             |   |                         |  |
| CELL CONVERSIONS | FOR ITER.= 24 | LAYER= 5    | STEP= 1     | PERIOD=     | 1 | (ROW,COL)               |  |
| WET( 1, 45)      |               |             |             |             |   |                         |  |
| CELL CONVERSIONS | FOR ITER.= 24 | LAYER= 6    | STEP= 1     | PERIOD=     | 1 | (ROW,COL)               |  |
| WET( 1, 44)      |               |             |             |             |   |                         |  |
| CELL CONVERSIONS | FOR ITER.= 24 | LAYER= 7    | STEP= 1     | PERIOD=     | 1 | (ROW,COL)               |  |
| WET( 1, 31)      | WET( 1, 32)   | WET( 1, 33) | WET( 1, 43) |             |   |                         |  |

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|  |                              |                          |         |                          |                          |
|--|------------------------------|--------------------------|---------|--------------------------|--------------------------|
| CELL CONVERSIONS<br>WET( 1, 34)                | FOR ITER.= 24<br>WET( 1, 35) | LAYER= 8<br>WET( 1, 42)  | STEP= 1 | PERIOD= 1                | (ROW,COL)                |
| CELL CONVERSIONS<br>WET( 1, 36)<br>WET( 1, 41) | FOR ITER.= 24<br>WET( 1, 37) | LAYER= 9<br>WET( 1, 38)  | STEP= 1 | PERIOD= 1<br>WET( 1, 39) | (ROW,COL)<br>WET( 1, 40) |
| CELL CONVERSIONS<br>DRY( 1,363)                | FOR ITER.= 25                | LAYER= 17                | STEP= 1 | PERIOD= 1                | (ROW,COL)                |
| CELL CONVERSIONS<br>DRY( 1,423)                | FOR ITER.= 26                | LAYER= 18                | STEP= 1 | PERIOD= 1                | (ROW,COL)                |
| CELL CONVERSIONS<br>WET( 1, 44)                | FOR ITER.= 27                | LAYER= 5                 | STEP= 1 | PERIOD= 1                | (ROW,COL)                |
| CELL CONVERSIONS<br>WET( 1, 31)                | FOR ITER.= 27<br>WET( 1, 32) | LAYER= 6<br>WET( 1, 33)  | STEP= 1 | PERIOD= 1<br>WET( 1, 43) | (ROW,COL)                |
| CELL CONVERSIONS<br>WET( 1, 34)                | FOR ITER.= 27<br>WET( 1, 35) | LAYER= 7<br>WET( 1, 42)  | STEP= 1 | PERIOD= 1                | (ROW,COL)                |
| CELL CONVERSIONS<br>WET( 1, 36)<br>WET( 1, 41) | FOR ITER.= 27<br>WET( 1, 37) | LAYER= 8<br>WET( 1, 38)  | STEP= 1 | PERIOD= 1<br>WET( 1, 39) | (ROW,COL)<br>WET( 1, 40) |
| CELL CONVERSIONS<br>DRY( 1,362)                | FOR ITER.= 27                | LAYER= 17                | STEP= 1 | PERIOD= 1                | (ROW,COL)                |
| CELL CONVERSIONS<br>DRY( 1,422)                | FOR ITER.= 28                | LAYER= 18                | STEP= 1 | PERIOD= 1                | (ROW,COL)                |
| CELL CONVERSIONS<br>DRY( 1,361)                | FOR ITER.= 29                | LAYER= 17                | STEP= 1 | PERIOD= 1                | (ROW,COL)                |
| CELL CONVERSIONS<br>WET( 1, 31)                | FOR ITER.= 30<br>WET( 1, 32) | LAYER= 5<br>WET( 1, 33)  | STEP= 1 | PERIOD= 1<br>WET( 1, 43) | (ROW,COL)                |
| CELL CONVERSIONS<br>WET( 1, 34)                | FOR ITER.= 30<br>WET( 1, 35) | LAYER= 6<br>WET( 1, 42)  | STEP= 1 | PERIOD= 1                | (ROW,COL)                |
| CELL CONVERSIONS<br>WET( 1, 36)<br>WET( 1, 41) | FOR ITER.= 30<br>WET( 1, 37) | LAYER= 7<br>WET( 1, 38)  | STEP= 1 | PERIOD= 1<br>WET( 1, 39) | (ROW,COL)<br>WET( 1, 40) |
| CELL CONVERSIONS<br>DRY( 1, 31)                | FOR ITER.= 32<br>DRY( 1, 32) | LAYER= 5<br>DRY( 1, 33)  | STEP= 1 | PERIOD= 1<br>DRY( 1, 44) | (ROW,COL)<br>DRY( 1, 45) |
| CELL CONVERSIONS<br>DRY( 1, 31)<br>DRY( 1, 46) | FOR ITER.= 32<br>DRY( 1, 32) | LAYER= 6<br>DRY( 1, 33)  | STEP= 1 | PERIOD= 1<br>DRY( 1, 34) | (ROW,COL)<br>DRY( 1, 35) |
| CELL CONVERSIONS<br>DRY( 1, 31)                | FOR ITER.= 32<br>DRY( 1, 32) | LAYER= 7<br>DRY( 1, 33)  | STEP= 1 | PERIOD= 1<br>DRY( 1, 34) | (ROW,COL)<br>DRY( 1, 35) |
| CELL CONVERSIONS<br>DRY( 1, 31)                | FOR ITER.= 32<br>DRY( 1, 32) | LAYER= 8<br>DRY( 1, 33)  | STEP= 1 | PERIOD= 1<br>DRY( 1, 34) | (ROW,COL)                |
| CELL CONVERSIONS<br>DRY( 1, 31)                | FOR ITER.= 32<br>DRY( 1, 32) | LAYER= 9<br>DRY( 1, 33)  | STEP= 1 | PERIOD= 1<br>DRY( 1, 34) | (ROW,COL)                |
| CELL CONVERSIONS<br>DRY( 1, 31)                | FOR ITER.= 32<br>DRY( 1, 32) | LAYER= 10<br>DRY( 1, 33) | STEP= 1 | PERIOD= 1<br>DRY( 1, 34) | (ROW,COL)                |

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|   |                               |                |
|---|-------------------------------|----------------|
| CELL CONVERSIONS FOR ITER.= 32<br>DRY( 1, 31)   DRY( 1, 32) | LAYER= 11   STEP= 1   PERIOD= | 1   (Row, Col) |
| CELL CONVERSIONS FOR ITER.= 32<br>DRY( 1, 33)   DRY( 1, 34) | LAYER= 12   STEP= 1   PERIOD= | 1   (Row, Col) |
| CELL CONVERSIONS FOR ITER.= 32<br>DRY( 1,360)               | LAYER= 17   STEP= 1   PERIOD= | 1   (Row, Col) |
| CELL CONVERSIONS FOR ITER.= 33<br>WET( 1, 36)   WET( 1, 37) | LAYER= 6   STEP= 1   PERIOD=  | 1   (Row, Col) |
| CELL CONVERSIONS FOR ITER.= 34<br>DRY( 1, 43)               | LAYER= 5   STEP= 1   PERIOD=  | 1   (Row, Col) |
| CELL CONVERSIONS FOR ITER.= 36<br>WET( 1, 36)               | LAYER= 5   STEP= 1   PERIOD=  | 1   (Row, Col) |
| CELL CONVERSIONS FOR ITER.= 36<br>WET( 1, 35)               | LAYER= 7   STEP= 1   PERIOD=  | 1   (Row, Col) |
| CELL CONVERSIONS FOR ITER.= 37<br>DRY( 1, 36)               | LAYER= 5   STEP= 1   PERIOD=  | 1   (Row, Col) |
| CELL CONVERSIONS FOR ITER.= 37<br>DRY( 1, 36)   DRY( 1, 37) | LAYER= 6   STEP= 1   PERIOD=  | 1   (Row, Col) |
| DRY( 1, 42)   DRY( 1, 43)                                   | DRY( 1, 38)   DRY( 1, 39)     | DRY( 1, 40)    |
| DRY( 1, 42)   DRY( 1, 43)                                   | DRY( 1, 44)   DRY( 1, 45)     | DRY( 1, 45)    |
| CELL CONVERSIONS FOR ITER.= 37<br>DRY( 1, 36)   DRY( 1, 37) | LAYER= 7   STEP= 1   PERIOD=  | 1   (Row, Col) |
| DRY( 1, 41)   DRY( 1, 42)                                   | DRY( 1, 38)   DRY( 1, 39)     | DRY( 1, 40)    |
| DRY( 1, 41)   DRY( 1, 42)                                   | DRY( 1, 43)   DRY( 1, 44)     | DRY( 1, 45)    |
| CELL CONVERSIONS FOR ITER.= 37<br>DRY( 1, 36)   DRY( 1, 37) | LAYER= 8   STEP= 1   PERIOD=  | 1   (Row, Col) |
| DRY( 1, 41)   DRY( 1, 42)                                   | DRY( 1, 38)   DRY( 1, 39)     | DRY( 1, 40)    |
| DRY( 1, 41)   DRY( 1, 42)                                   | DRY( 1, 43)   DRY( 1, 44)     | DRY( 1, 44)    |
| CELL CONVERSIONS FOR ITER.= 37<br>DRY( 1, 36)   DRY( 1, 37) | LAYER= 9   STEP= 1   PERIOD=  | 1   (Row, Col) |
| DRY( 1, 36)   DRY( 1, 37)                                   | DRY( 1, 38)   DRY( 1, 39)     | DRY( 1, 40)    |
| CELL CONVERSIONS FOR ITER.= 39<br>WET( 1, 35)   WET( 1, 46) | LAYER= 6   STEP= 1   PERIOD=  | 1   (Row, Col) |
| CELL CONVERSIONS FOR ITER.= 39<br>WET( 1, 45)               | LAYER= 7   STEP= 1   PERIOD=  | 1   (Row, Col) |
| CELL CONVERSIONS FOR ITER.= 39<br>WET( 1, 41)   WET( 1, 42) | LAYER= 8   STEP= 1   PERIOD=  | 1   (Row, Col) |
| WET( 1, 41)   WET( 1, 42)                                   | WET( 1, 43)   WET( 1, 44)     | WET( 1, 44)    |
| CELL CONVERSIONS FOR ITER.= 39<br>WET( 1, 36)   WET( 1, 37) | LAYER= 9   STEP= 1   PERIOD=  | 1   (Row, Col) |
| WET( 1, 36)   WET( 1, 37)                                   | WET( 1, 38)   WET( 1, 39)     | WET( 1, 40)    |
| CELL CONVERSIONS FOR ITER.= 42<br>WET( 1, 35)               | LAYER= 5   STEP= 1   PERIOD=  | 1   (Row, Col) |
| CELL CONVERSIONS FOR ITER.= 42<br>WET( 1, 45)               | LAYER= 6   STEP= 1   PERIOD=  | 1   (Row, Col) |
| CELL CONVERSIONS FOR ITER.= 42<br>WET( 1, 41)   WET( 1, 42) | LAYER= 7   STEP= 1   PERIOD=  | 1   (Row, Col) |
| WET( 1, 41)   WET( 1, 42)                                   | WET( 1, 43)   WET( 1, 44)     | WET( 1, 44)    |
| CELL CONVERSIONS FOR ITER.= 42<br>WET( 1, 36)   WET( 1, 37) | LAYER= 8   STEP= 1   PERIOD=  | 1   (Row, Col) |
| WET( 1, 36)   WET( 1, 37)                                   | WET( 1, 38)   WET( 1, 39)     | WET( 1, 40)    |
| CELL CONVERSIONS FOR ITER.= 45<br>WET( 1, 35)               | LAYER= 4   STEP= 1   PERIOD=  | 1   (Row, Col) |



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|                                 |                              |                         |                        |                          |           |
|---------------------------------|------------------------------|-------------------------|------------------------|--------------------------|-----------|
| CELL CONVERSIONS<br>WET( 1, 45) | FOR ITER.= 45                | LAYER= 5                | STEP= 1                | PERIOD= 1                | (ROW,COL) |
| CELL CONVERSIONS<br>WET( 1, 41) | FOR ITER.= 45<br>WET( 1, 42) | LAYER= 6<br>WET( 1, 43) | STEP= 1<br>WET( 1, 44) | PERIOD= 1                | (ROW,COL) |
| CELL CONVERSIONS<br>WET( 1, 36) | FOR ITER.= 45<br>WET( 1, 37) | LAYER= 7<br>WET( 1, 38) | STEP= 1<br>WET( 1, 39) | PERIOD= 1<br>WET( 1, 40) | (ROW,COL) |
| CELL CONVERSIONS<br>DRY( 1, 35) | FOR ITER.= 48                | LAYER= 4                | STEP= 1                | PERIOD= 1                | (ROW,COL) |
| CELL CONVERSIONS<br>DRY( 1, 35) | FOR ITER.= 48                | LAYER= 5                | STEP= 1                | PERIOD= 1                | (ROW,COL) |
| CELL CONVERSIONS<br>DRY( 1, 35) | FOR ITER.= 48                | LAYER= 6                | STEP= 1                | PERIOD= 1                | (ROW,COL) |
| CELL CONVERSIONS<br>DRY( 1, 35) | FOR ITER.= 48                | LAYER= 7                | STEP= 1                | PERIOD= 1                | (ROW,COL) |
| CELL CONVERSIONS<br>DRY( 1, 35) | FOR ITER.= 48                | LAYER= 8                | STEP= 1                | PERIOD= 1                | (ROW,COL) |
| CELL CONVERSIONS<br>DRY( 1, 45) | FOR ITER.= 49                | LAYER= 5                | STEP= 1                | PERIOD= 1                | (ROW,COL) |
| CELL CONVERSIONS<br>DRY( 1, 45) | FOR ITER.= 49<br>DRY( 1, 46) | LAYER= 6                | STEP= 1                | PERIOD= 1                | (ROW,COL) |
| CELL CONVERSIONS<br>WET( 1, 41) | FOR ITER.= 51<br>WET( 1, 42) | LAYER= 5<br>WET( 1, 43) | STEP= 1<br>WET( 1, 44) | PERIOD= 1                | (ROW,COL) |
| CELL CONVERSIONS<br>WET( 1, 36) | FOR ITER.= 51<br>WET( 1, 37) | LAYER= 6<br>WET( 1, 38) | STEP= 1<br>WET( 1, 39) | PERIOD= 1<br>WET( 1, 40) | (ROW,COL) |
| CELL CONVERSIONS<br>WET( 1, 45) | FOR ITER.= 51                | LAYER= 8                | STEP= 1                | PERIOD= 1                | (ROW,COL) |
| CELL CONVERSIONS<br>DRY( 1, 41) | FOR ITER.= 53<br>DRY( 1, 42) | LAYER= 5<br>DRY( 1, 43) | STEP= 1                | PERIOD= 1                | (ROW,COL) |
| CELL CONVERSIONS<br>DRY( 1, 40) | FOR ITER.= 53<br>DRY( 1, 41) | LAYER= 6<br>DRY( 1, 42) | STEP= 1<br>DRY( 1, 43) | PERIOD= 1                | (ROW,COL) |
| CELL CONVERSIONS<br>DRY( 1, 40) | FOR ITER.= 53<br>DRY( 1, 41) | LAYER= 7<br>DRY( 1, 42) | STEP= 1<br>DRY( 1, 43) | PERIOD= 1                | (ROW,COL) |
| CELL CONVERSIONS<br>DRY( 1, 40) | FOR ITER.= 53<br>DRY( 1, 41) | LAYER= 8<br>DRY( 1, 42) | STEP= 1<br>DRY( 1, 43) | PERIOD= 1                | (ROW,COL) |
| CELL CONVERSIONS<br>DRY( 1, 41) | FOR ITER.= 53<br>DRY( 1, 42) | LAYER= 9<br>DRY( 1, 43) | STEP= 1                | PERIOD= 1                | (ROW,COL) |
| CELL CONVERSIONS<br>DRY( 1, 41) | FOR ITER.= 53<br>DRY( 1, 42) | LAYER= 10               | STEP= 1                | PERIOD= 1                | (ROW,COL) |
| CELL CONVERSIONS<br>WET( 1, 35) | FOR ITER.= 54                | LAYER= 7                | STEP= 1                | PERIOD= 1                | (ROW,COL) |
| CELL CONVERSIONS<br>WET( 1, 36) | FOR ITER.= 57<br>WET( 1, 37) | LAYER= 5<br>WET( 1, 38) | STEP= 1<br>WET( 1, 39) | PERIOD= 1                | (ROW,COL) |

|   |  | SECTION_A_CASE_III_NOD3 |         |           |  |            |  |
|---|--|-------------------------|---------|-----------|--|------------|--|
| CELL CONVERSIONS FOR ITER.= 57                              |  | LAYER= 6                | STEP= 1 | PERIOD= 1 |  | (ROW, COL) |  |
| WET( 1, 35)   |  |                         |         |           |  |            |  |
| CELL CONVERSIONS FOR ITER.= 57                              |  | LAYER= 8                | STEP= 1 | PERIOD= 1 |  | (ROW, COL) |  |
| WET( 1, 40)   |  |                         |         |           |  |            |  |
| CELL CONVERSIONS FOR ITER.= 57                              |  | LAYER= 9                | STEP= 1 | PERIOD= 1 |  | (ROW, COL) |  |
| WET( 1, 43)   |  |                         |         |           |  |            |  |
| CELL CONVERSIONS FOR ITER.= 57                              |  | LAYER= 10               | STEP= 1 | PERIOD= 1 |  | (ROW, COL) |  |
| WET( 1, 41) WET( 1, 42)                                     |  |                         |         |           |  |            |  |
| CELL CONVERSIONS FOR ITER.= 59                              |  | LAYER= 5                | STEP= 1 | PERIOD= 1 |  | (ROW, COL) |  |
| DRY( 1, 36) DRY( 1, 37) DRY( 1, 38) DRY( 1, 39)             |  |                         |         |           |  |            |  |
| CELL CONVERSIONS FOR ITER.= 59                              |  | LAYER= 6                | STEP= 1 | PERIOD= 1 |  | (ROW, COL) |  |
| DRY( 1, 35) DRY( 1, 36) DRY( 1, 37) DRY( 1, 38) DRY( 1, 39) |  |                         |         |           |  |            |  |
| CELL CONVERSIONS FOR ITER.= 59                              |  | LAYER= 7                | STEP= 1 | PERIOD= 1 |  | (ROW, COL) |  |
| DRY( 1, 35) DRY( 1, 36) DRY( 1, 37) DRY( 1, 38) DRY( 1, 39) |  |                         |         |           |  |            |  |
| CELL CONVERSIONS FOR ITER.= 59                              |  | LAYER= 8                | STEP= 1 | PERIOD= 1 |  | (ROW, COL) |  |
| DRY( 1, 35) DRY( 1, 36) DRY( 1, 37) DRY( 1, 38) DRY( 1, 39) |  |                         |         |           |  |            |  |
| CELL CONVERSIONS FOR ITER.= 59                              |  | LAYER= 9                | STEP= 1 | PERIOD= 1 |  | (ROW, COL) |  |
| DRY( 1, 35) DRY( 1, 36) DRY( 1, 37) DRY( 1, 38) DRY( 1, 39) |  |                         |         |           |  |            |  |
| CELL CONVERSIONS FOR ITER.= 59                              |  | LAYER= 10               | STEP= 1 | PERIOD= 1 |  | (ROW, COL) |  |
| DRY( 1, 35) DRY( 1, 36) DRY( 1, 37) DRY( 1, 38) DRY( 1, 39) |  |                         |         |           |  |            |  |
| CELL CONVERSIONS FOR ITER.= 59                              |  | LAYER= 11               | STEP= 1 | PERIOD= 1 |  | (ROW, COL) |  |
| DRY( 1, 35) DRY( 1, 36) DRY( 1, 37) DRY( 1, 38) DRY( 1, 39) |  |                         |         |           |  |            |  |
| CELL CONVERSIONS FOR ITER.= 59                              |  | LAYER= 12               | STEP= 1 | PERIOD= 1 |  | (ROW, COL) |  |
| DRY( 1, 35) DRY( 1, 36) DRY( 1, 37) DRY( 1, 38) DRY( 1, 39) |  |                         |         |           |  |            |  |
| CELL CONVERSIONS FOR ITER.= 59                              |  | LAYER= 13               | STEP= 1 | PERIOD= 1 |  | (ROW, COL) |  |
| DRY( 1, 35) DRY( 1, 36) DRY( 1, 37) DRY( 1, 38) DRY( 1, 39) |  |                         |         |           |  |            |  |
| CELL CONVERSIONS FOR ITER.= 59                              |  | LAYER= 14               | STEP= 1 | PERIOD= 1 |  | (ROW, COL) |  |
| DRY( 1, 37) DRY( 1, 38) DRY( 1, 39)                         |  |                         |         |           |  |            |  |
| CELL CONVERSIONS FOR ITER.= 60                              |  | LAYER= 7                | STEP= 1 | PERIOD= 1 |  | (ROW, COL) |  |
| WET( 1, 40)   |  |                         |         |           |  |            |  |
| CELL CONVERSIONS FOR ITER.= 60                              |  | LAYER= 8                | STEP= 1 | PERIOD= 1 |  | (ROW, COL) |  |
| WET( 1, 43)   |  |                         |         |           |  |            |  |
| CELL CONVERSIONS FOR ITER.= 60                              |  | LAYER= 9                | STEP= 1 | PERIOD= 1 |  | (ROW, COL) |  |
| WET( 1, 41) WET( 1, 42)                                     |  |                         |         |           |  |            |  |
| CELL CONVERSIONS FOR ITER.= 60                              |  | LAYER= 12               | STEP= 1 | PERIOD= 1 |  | (ROW, COL) |  |
| WET( 1, 39)   |  |                         |         |           |  |            |  |
| CELL CONVERSIONS FOR ITER.= 63                              |  | LAYER= 6                | STEP= 1 | PERIOD= 1 |  | (ROW, COL) |  |
| WET( 1, 40)   |  |                         |         |           |  |            |  |
| CELL CONVERSIONS FOR ITER.= 63                              |  | LAYER= 7                | STEP= 1 | PERIOD= 1 |  | (ROW, COL) |  |
| WET( 1, 43)   |  |                         |         |           |  |            |  |
| CELL CONVERSIONS FOR ITER.= 63                              |  | LAYER= 8                | STEP= 1 | PERIOD= 1 |  | (ROW, COL) |  |
| WET( 1, 41) WET( 1, 42)                                     |  |                         |         |           |  |            |  |
| CELL CONVERSIONS FOR ITER.= 63                              |  | LAYER= 11               | STEP= 1 | PERIOD= 1 |  | (ROW, COL) |  |
| WET( 1, 39)   |  |                         |         |           |  |            |  |

## SECTION\_A\_CASE\_III\_NOD3

CELL CONVERSIONS FOR ITER.= 66 LAYER= 5 STEP= 1 PERIOD= 1 (ROW, COL)  
 WET( 1, 40)

CELL CONVERSIONS FOR ITER.= 66 LAYER= 6 STEP= 1 PERIOD= 1 (ROW, COL)  
 WET( 1, 43)

CELL CONVERSIONS FOR ITER.= 66 LAYER= 7 STEP= 1 PERIOD= 1 (ROW, COL)  
 WET( 1, 41) WET( 1, 42)

CELL CONVERSIONS FOR ITER.= 66 LAYER= 10 STEP= 1 PERIOD= 1 (ROW, COL)  
 WET( 1, 39)

CELL CONVERSIONS FOR ITER.= 68 LAYER= 5 STEP= 1 PERIOD= 1 (ROW, COL)  
 DRY( 1, 44)

CELL CONVERSIONS FOR ITER.= 69 LAYER= 6 STEP= 1 PERIOD= 1 (ROW, COL)  
 WET( 1, 41)

CELL CONVERSIONS FOR ITER.= 69 LAYER= 9 STEP= 1 PERIOD= 1 (ROW, COL)  
 WET( 1, 39)

CELL CONVERSIONS FOR ITER.= 72 LAYER= 8 STEP= 1 PERIOD= 1 (ROW, COL)  
 WET( 1, 39)

CELL CONVERSIONS FOR ITER.= 73 LAYER= 5 STEP= 1 PERIOD= 1 (ROW, COL)  
 DRY( 1, 40)

CELL CONVERSIONS FOR ITER.= 75 LAYER= 7 STEP= 1 PERIOD= 1 (ROW, COL)  
 WET( 1, 39)

77 CALLS TO PCG ROUTINE FOR TIME STEP 1 IN STRESS PERIOD 1  
 665 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
| 0                | 0                    | 0            | 0                |

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

OPENING LINK-MT3DMS OUTPUT FILE: C:\Users\rspicer\Desktop\NOD3

ON UNIT NUMBER: 175  
 FILE TYPE: UNFORMATTED  
 HEADER OPTION: EXTENDED  
 \*\*\*Link-MT3DMS Package\*\*\*

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 1, STRESS PERIOD 1

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 17 STEP= 2 PERIOD= 1 (ROW, COL)  
 DRY( 1,331) DRY( 1,332) DRY( 1,333) DRY( 1,334) DRY( 1,335)  
 DRY( 1,336) DRY( 1,337) DRY( 1,338) DRY( 1,339) DRY( 1,340)

## SECTION\_A\_CASE\_III\_NOD3

|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
| DRY( 1,341) | DRY( 1,342) | DRY( 1,343) | DRY( 1,344) | DRY( 1,345) |
| DRY( 1,346) | DRY( 1,347) | DRY( 1,348) | DRY( 1,349) | DRY( 1,350) |
| DRY( 1,351) | DRY( 1,352) | DRY( 1,353) | DRY( 1,354) | DRY( 1,355) |
| DRY( 1,356) | DRY( 1,357) | DRY( 1,358) | DRY( 1,359) |             |

CELL CONVERSIONS FOR ITER.= 2 LAYER= 18 STEP= 2 PERIOD= 1 (ROW,COL)  
 DRY( 1,417) DRY( 1,418) DRY( 1,419) DRY( 1,420) DRY( 1,421)

CELL CONVERSIONS FOR ITER.= 3 LAYER= 5 STEP= 2 PERIOD= 1 (ROW,COL)  
 WET( 1, 40) WET( 1, 41) WET( 1, 43) WET( 1, 44) WET( 1, 45)

CELL CONVERSIONS FOR ITER.= 3 LAYER= 6 STEP= 2 PERIOD= 1 (ROW,COL)  
 WET( 1, 39) WET( 1, 42) WET( 1, 46)

CELL CONVERSIONS FOR ITER.= 3 LAYER= 18 STEP= 2 PERIOD= 1 (ROW,COL)  
 DRY( 1,404) DRY( 1,405) DRY( 1,406) DRY( 1,407) DRY( 1,408)  
 DRY( 1,409) DRY( 1,410) DRY( 1,411) DRY( 1,412) DRY( 1,413)  
 DRY( 1,414) DRY( 1,415) DRY( 1,416)

CELL CONVERSIONS FOR ITER.= 4 LAYER= 18 STEP= 2 PERIOD= 1 (ROW,COL)  
 DRY( 1,396) DRY( 1,397) DRY( 1,398) DRY( 1,399) DRY( 1,400)  
 DRY( 1,401) DRY( 1,402) DRY( 1,403)

CELL CONVERSIONS FOR ITER.= 5 LAYER= 18 STEP= 2 PERIOD= 1 (ROW,COL)  
 DRY( 1,390) DRY( 1,391) DRY( 1,394) DRY( 1,395)

CELL CONVERSIONS FOR ITER.= 6 LAYER= 4 STEP= 2 PERIOD= 1 (ROW,COL)  
 WET( 1, 40) WET( 1, 41) WET( 1, 43)

CELL CONVERSIONS FOR ITER.= 6 LAYER= 5 STEP= 2 PERIOD= 1 (ROW,COL)  
 WET( 1, 39) WET( 1, 42)

CELL CONVERSIONS FOR ITER.= 6 LAYER= 18 STEP= 2 PERIOD= 1 (ROW,COL)  
 DRY( 1,393)

CELL CONVERSIONS FOR ITER.= 7 LAYER= 18 STEP= 2 PERIOD= 1 (ROW,COL)  
 DRY( 1,389) DRY( 1,392)

CELL CONVERSIONS FOR ITER.= 9 LAYER= 3 STEP= 2 PERIOD= 1 (ROW,COL)  
 WET( 1, 40) WET( 1, 41)

CELL CONVERSIONS FOR ITER.= 9 LAYER= 4 STEP= 2 PERIOD= 1 (ROW,COL)  
 WET( 1, 39) WET( 1, 42)

17 CALLS TO PCG ROUTINE FOR TIME STEP 2 IN STRESS PERIOD 1  
 134 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD     | DRAWDOWN | HEAD  | DRAWDOWN |
|----------|----------|-------|----------|
| PRINTOUT | PRINTOUT | SAVE  | SAVE     |
| -----    | -----    | ----- | -----    |
| 0        | 0        | 0     | 0        |

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 2, STRESS PERIOD 1

SOLVING FOR HEAD

|                               |             |             |             |             |
|-------------------------------|-------------|-------------|-------------|-------------|
| CELL CONVERSIONS FOR ITER.= 2 | LAYER= 18   | STEP= 3     | PERIOD= 1   | (ROW,COL)   |
| DRY( 1,369)                   | DRY( 1,370) | DRY( 1,371) | DRY( 1,372) | DRY( 1,373) |
| DRY( 1,374)                   | DRY( 1,375) | DRY( 1,376) | DRY( 1,377) | DRY( 1,378) |
| DRY( 1,379)                   | DRY( 1,380) | DRY( 1,381) | DRY( 1,382) | DRY( 1,383) |

## SECTION\_A\_CASE\_III\_NOD3

DRY( 1,384) DRY( 1,385) DRY( 1,386) DRY( 1,387) DRY( 1,388)

CELL CONVERSIONS FOR ITER.= 3 LAYER= 3 STEP= 3 PERIOD= 1 (ROW,COL)  
WET( 1, 39)

CELL CONVERSIONS FOR ITER.= 3 LAYER= 18 STEP= 3 PERIOD= 1 (ROW,COL)  
DRY( 1,357) DRY( 1,358) DRY( 1,359) DRY( 1,360) DRY( 1,361)  
DRY( 1,362) DRY( 1,363) DRY( 1,364) DRY( 1,365) DRY( 1,366)  
DRY( 1,367) DRY( 1,368)  
3 CALLS TO PCG ROUTINE FOR TIME STEP 3 IN STRESS PERIOD 1  
17 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
| 0                | 0                    | 0            | 0                |

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 3, STRESS PERIOD 1

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 1 LAYER= 18 STEP= 4 PERIOD= 1 (ROW,COL)  
DRY( 1,356)

CELL CONVERSIONS FOR ITER.= 2 LAYER= 18 STEP= 4 PERIOD= 1 (ROW,COL)  
DRY( 1,331) DRY( 1,332) DRY( 1,333) DRY( 1,334) DRY( 1,335)  
DRY( 1,336) DRY( 1,337) DRY( 1,338) DRY( 1,339) DRY( 1,340)  
DRY( 1,341) DRY( 1,342) DRY( 1,343) DRY( 1,344) DRY( 1,345)  
DRY( 1,346) DRY( 1,347) DRY( 1,348) DRY( 1,349) DRY( 1,350)  
DRY( 1,351) DRY( 1,352) DRY( 1,353) DRY( 1,354) DRY( 1,355)

CELL CONVERSIONS FOR ITER.= 3 LAYER= 2 STEP= 4 PERIOD= 1 (ROW,COL)  
WET( 1, 39) WET( 1, 40)  
7 CALLS TO PCG ROUTINE FOR TIME STEP 4 IN STRESS PERIOD 1  
44 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
| 0                | 0                    | 0            | 0                |

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 4, STRESS PERIOD 1

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 19 STEP= 5 PERIOD= 1 (ROW,COL)  
DRY( 1,429)

CELL CONVERSIONS FOR ITER.= 3 LAYER= 19 STEP= 5 PERIOD= 1 (ROW,COL)  
DRY( 1,397) DRY( 1,398) DRY( 1,399) DRY( 1,404) DRY( 1,405)  
DRY( 1,406) DRY( 1,407) DRY( 1,411) DRY( 1,412) DRY( 1,413)  
DRY( 1,414) DRY( 1,417) DRY( 1,418) DRY( 1,419) DRY( 1,420)  
DRY( 1,421) DRY( 1,422) DRY( 1,423) DRY( 1,424) DRY( 1,425)

## SECTION\_A\_CASE\_III\_NOD3

DRY( 1,426) DRY( 1,427) DRY( 1,428) DRY( 1,430) DRY( 1,431)  
 3 CALLS TO PCG ROUTINE FOR TIME STEP 5 IN STRESS PERIOD 1  
 13 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
| 0                | 0                    | 0            | 0                |

-----  
 0 0 0 0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 5, STRESS PERIOD 1

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 19 STEP= 6 PERIOD= 1 (ROW,COL)  
 DRY( 1,365) DRY( 1,366) DRY( 1,367) DRY( 1,368) DRY( 1,369)  
 DRY( 1,370) DRY( 1,371) DRY( 1,372) DRY( 1,373) DRY( 1,374)  
 DRY( 1,375) DRY( 1,376) DRY( 1,377) DRY( 1,378) DRY( 1,379)  
 DRY( 1,380) DRY( 1,381) DRY( 1,382) DRY( 1,383) DRY( 1,384)  
 DRY( 1,385) DRY( 1,386) DRY( 1,387) DRY( 1,388) DRY( 1,389)  
 DRY( 1,390) DRY( 1,391) DRY( 1,392) DRY( 1,393) DRY( 1,394)  
 DRY( 1,395) DRY( 1,396) DRY( 1,400) DRY( 1,401) DRY( 1,402)  
 DRY( 1,403) DRY( 1,408) DRY( 1,409) DRY( 1,410) DRY( 1,415)  
 DRY( 1,416)

CELL CONVERSIONS FOR ITER.= 3 LAYER= 19 STEP= 6 PERIOD= 1 (ROW,COL)  
 DRY( 1,350) DRY( 1,351) DRY( 1,352) DRY( 1,353) DRY( 1,354)  
 DRY( 1,355) DRY( 1,356) DRY( 1,357) DRY( 1,358) DRY( 1,359)  
 DRY( 1,360) DRY( 1,361) DRY( 1,362) DRY( 1,363) DRY( 1,364)  
 3 CALLS TO PCG ROUTINE FOR TIME STEP 6 IN STRESS PERIOD 1  
 11 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
| 0                | 0                    | 0            | 0                |

-----  
 0 0 0 0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 6, STRESS PERIOD 1

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 1 LAYER= 19 STEP= 7 PERIOD= 1 (ROW,COL)  
 DRY( 1,349)

CELL CONVERSIONS FOR ITER.= 2 LAYER= 19 STEP= 7 PERIOD= 1 (ROW,COL)  
 DRY( 1,331) DRY( 1,332) DRY( 1,333) DRY( 1,334) DRY( 1,335)  
 DRY( 1,336) DRY( 1,337) DRY( 1,338) DRY( 1,339) DRY( 1,340)  
 DRY( 1,341) DRY( 1,342) DRY( 1,343) DRY( 1,344) DRY( 1,345)  
 DRY( 1,346) DRY( 1,347) DRY( 1,348)  
 3 CALLS TO PCG ROUTINE FOR TIME STEP 7 IN STRESS PERIOD 1  
 12 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
 CELL-BY-CELL FLOW TERM FLAG = 0

SECTION\_A\_CASE\_III\_NOD3

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
| 0                | 0                    | 0            | 0                |

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 7, STRESS PERIOD 1

SOLVING FOR HEAD

3 CALLS TO PCG ROUTINE FOR TIME STEP 8 IN STRESS PERIOD 1  
13 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
| 0                | 0                    | 0            | 0                |

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 8, STRESS PERIOD 1

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 3 LAYER= 1 STEP= 9 PERIOD= 1 (ROW, COL)  
WET( 1, 39) WET( 1, 40)

CELL CONVERSIONS FOR ITER.= 3 LAYER= 2 STEP= 9 PERIOD= 1 (ROW, COL)  
WET( 1, 41)

CELL CONVERSIONS FOR ITER.= 3 LAYER= 3 STEP= 9 PERIOD= 1 (ROW, COL)  
WET( 1, 42) WET( 1, 43)

CELL CONVERSIONS FOR ITER.= 3 LAYER= 4 STEP= 9 PERIOD= 1 (ROW, COL)  
WET( 1, 44) WET( 1, 45)

CELL CONVERSIONS FOR ITER.= 3 LAYER= 5 STEP= 9 PERIOD= 1 (ROW, COL)  
WET( 1, 46)

CELL CONVERSIONS FOR ITER.= 3 LAYER= 6 STEP= 9 PERIOD= 1 (ROW, COL)  
WET( 1, 47) WET( 1, 48)

7 CALLS TO PCG ROUTINE FOR TIME STEP 9 IN STRESS PERIOD 1  
46 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
| 0                | 0                    | 0            | 0                |

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 9, STRESS PERIOD 1

SOLVING FOR HEAD

SECTION\_A\_CASE\_III\_NOD3

CELL CONVERSIONS FOR ITER.= 3 LAYER= 8 STEP= 10 PERIOD= 1 (ROW,COL)  
 WET( 1, 52)  
 3 CALLS TO PCG ROUTINE FOR TIME STEP 10 IN STRESS PERIOD 1  
 15 TOTAL ITERATIONS

MAXIMUM HEAD CHANGE FOR EACH ITERATION (1 INDICATES THE FIRST INNER ITERATION):

| HEAD CHANGE<br>LAYER, ROW, COL | HEAD CHANGE<br>LAYER, ROW, COL | HEAD CHANGE<br>LAYER, ROW, COL | HEAD CHANGE<br>LAYER, ROW, COL | HEAD CHANGE<br>LAYER, ROW, COL |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| 1 1.333<br>( 15, 1, 39)        | 0 0.8319<br>( 10, 1, 51)       | 0 0.3306<br>( 14, 1, 57)       | 0 -0.2128<br>( 12, 1, 54)      | 0 0.1151<br>( 13, 1, 55)       |
| 0 0.7295E-01<br>( 12, 1, 54)   | 1 0.2345<br>( 15, 1, 39)       | 0 -0.3041<br>( 4, 1, 40)       | 0 0.5049<br>( 15, 1, 39)       | 0 0.2758<br>( 8, 1, 46)        |
| 0 -0.2077<br>( 12, 1, 54)      | 0 0.1181<br>( 14, 1, 57)       | 0 0.1172<br>( 6, 1, 43)        | 0 0.4841E-01<br>( 15, 1, 39)   | 1 -0.6725E-01<br>( 12, 1, 54)  |

MAXIMUM RESIDUAL FOR EACH ITERATION (1 INDICATES THE FIRST INNER ITERATION):

| RESIDUAL<br>LAYER, ROW, COL | RESIDUAL<br>LAYER, ROW, COL | RESIDUAL<br>LAYER, ROW, COL | RESIDUAL<br>LAYER, ROW, COL | RESIDUAL<br>LAYER, ROW, COL |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| 1 -63.57<br>( 6, 1, 47)     | 0 -9.811<br>( 4, 1, 44)     | 0 -10.38<br>( 5, 1, 44)     | 0 -11.25<br>( 5, 1, 44)     | 0 -10.41<br>( 5, 1, 44)     |
| 0 -9.805<br>( 5, 1, 44)     | 1 -31.74<br>( 6, 1, 47)     | 0 -26.22<br>( 6, 1, 47)     | 0 15.51<br>( 6, 1, 46)      | 0 -7.077<br>( 6, 1, 47)     |
| 0 -3.678<br>( 6, 1, 47)     | 0 -2.592<br>( 27, 1, 364)   | 0 -1.956<br>( 27, 1, 364)   | 0 -1.453<br>( 27, 1, 364)   | 1 -13.64<br>( 6, 1, 47)     |

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

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE      | DRAWDOWN<br>SAVE |   |
|------------------|----------------------|-------------------|------------------|---|
| 0                | 0                    | 1                 | 1                |   |
| UBUDSV SAVING "  |                      | STORAGE"          |                  | ON UNIT154 AT TIME STEP 10, STRESS PERIOD 1 |
| UBUDSV SAVING "  |                      | CONSTANT HEAD"    |                  | ON UNIT154 AT TIME STEP 10, STRESS PERIOD 1 |
| UBUDSV SAVING "  |                      | FLOW RIGHT FACE " |                  | ON UNIT154 AT TIME STEP 10, STRESS PERIOD 1 |
| UBUDSV SAVING "  |                      | FLOW LOWER FACE " |                  | ON UNIT154 AT TIME STEP 10, STRESS PERIOD 1 |
| UBUDSV SAVING "  |                      | DRAINS"           |                  | ON UNIT154 AT TIME STEP 10, STRESS PERIOD 1 |
| UBUDSV SAVING "  |                      | RECHARGE"         |                  | ON UNIT154 AT TIME STEP 10, STRESS PERIOD 1 |

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 10, STRESS PERIOD 1

HEAD WILL BE SAVED ON UNIT 150 AT END OF TIME STEP 10, STRESS PERIOD 1

DRAWDOWN WILL BE SAVED ON UNIT 151 AT END OF TIME STEP 10, STRESS PERIOD 1

1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 10 IN STRESS PERIOD 1

| CUMULATIVE VOLUMES | L**3      | RATES FOR THIS TIME STEP | L**3/T  |
|--------------------|-----------|--------------------------|---------|
| IN:<br>---         |           | IN:<br>---               |         |
| STORAGE =          | 2304.5435 | STORAGE =                | 15.0296 |
| CONSTANT HEAD =    | 0.0000    | CONSTANT HEAD =          | 0.0000  |
| DRAINS =           | 0.0000    | DRAINS =                 | 0.0000  |



SECTION\_A\_CASE\_III\_NOD3

|                       |            |                       |           |
|-----------------------|------------|-----------------------|-----------|
| RECHARGE =            | 25131.3867 | RECHARGE =            | 1675.4258 |
| TOTAL IN =            | 27435.9297 | TOTAL IN =            | 1690.4553 |
| OUT:                  |            | OUT:                  |           |
| -----                 |            | -----                 |           |
| STORAGE =             | 20908.6934 | STORAGE =             | 1290.6382 |
| CONSTANT HEAD =       | 0.0000     | CONSTANT HEAD =       | 0.0000    |
| DRAINS =              | 4119.2061  | DRAINS =              | 156.2056  |
| RECHARGE =            | 0.0000     | RECHARGE =            | 0.0000    |
| TOTAL OUT =           | 25027.8984 | TOTAL OUT =           | 1446.8438 |
| IN - OUT =            | 2408.0312  | IN - OUT =            | 243.6116  |
| PERCENT DISCREPANCY = | 9.18       | PERCENT DISCREPANCY = | 15.53     |

|  |             |             |             |        |        |
|--|-------------|-------------|-------------|--------|--------|
| TIME SUMMARY AT END OF TIME STEP 10 IN STRESS PERIOD 1 |             |             |             |        |        |
|  | SECONDS     | MINUTES     | HOURS       | DAYS   | YEARS  |
|  | -----       | -----       | -----       | -----  | -----  |
| TIME STEP LENGTH                                       | 9.40901E+07 | 1.56817E+06 | 26136.      | 1089.0 | 2.9815 |
| STRESS PERIOD TIME                                     | 4.73364E+08 | 7.88940E+06 | 1.31490E+05 | 5478.8 | 15.000 |
| TOTAL TIME   | 4.73364E+08 | 7.88940E+06 | 1.31490E+05 | 5478.8 | 15.000 |

1  
1

STRESS PERIOD NO. 2, LENGTH = 7.000000

NUMBER OF TIME STEPS = 10

MULTIPLIER FOR DELT = 1.200

INITIAL TIME STEP SIZE = 0.2696592

| DRAIN NO. | LAYER | ROW | COL | DRAIN EL. | CONDUCTANCE |
|-----------|-------|-----|-----|-----------|-------------|
| -----     |       |     |     |           |             |
| 1         | 58    | 1   | 500 | 450.0     | 150.0       |
| 2         | 57    | 1   | 500 | 450.0     | 150.0       |
| 3         | 56    | 1   | 500 | 450.0     | 150.0       |
| 4         | 55    | 1   | 500 | 450.0     | 150.0       |
| 5         | 54    | 1   | 500 | 450.0     | 150.0       |
| 6         | 53    | 1   | 500 | 450.0     | 150.0       |
| 7         | 52    | 1   | 500 | 450.0     | 150.0       |
| 8         | 51    | 1   | 500 | 450.0     | 150.0       |
| 9         | 50    | 1   | 500 | 450.0     | 150.0       |
| 10        | 49    | 1   | 500 | 450.0     | 150.0       |
| 11        | 48    | 1   | 500 | 450.0     | 150.0       |
| 12        | 47    | 1   | 500 | 450.0     | 150.0       |
| 13        | 46    | 1   | 500 | 450.0     | 150.0       |
| 14        | 45    | 1   | 500 | 450.0     | 150.0       |
| 15        | 44    | 1   | 500 | 450.0     | 150.0       |
| 16        | 43    | 1   | 500 | 450.0     | 150.0       |
| 17        | 42    | 1   | 500 | 450.0     | 150.0       |
| 18        | 41    | 1   | 500 | 450.0     | 150.0       |
| 19        | 40    | 1   | 500 | 450.0     | 150.0       |
| 20        | 39    | 1   | 500 | 450.0     | 150.0       |
| 21        | 38    | 1   | 500 | 450.0     | 150.0       |
| 22        | 37    | 1   | 500 | 450.0     | 150.0       |
| 23        | 36    | 1   | 500 | 450.0     | 150.0       |
| 24        | 35    | 1   | 500 | 450.0     | 150.0       |

SECTION\_A\_CASE\_III\_NOD3

|    |    |   |     |       |       |
|----|----|---|-----|-------|-------|
| 25 | 34 | 1 | 500 | 450.0 | 150.0 |
| 26 | 33 | 1 | 500 | 450.0 | 150.0 |
| 27 | 32 | 1 | 500 | 450.0 | 150.0 |
| 28 | 31 | 1 | 500 | 450.0 | 150.0 |
| 29 | 30 | 1 | 500 | 450.0 | 150.0 |
| 30 | 29 | 1 | 500 | 450.0 | 150.0 |
| 31 | 28 | 1 | 500 | 450.0 | 150.0 |
| 32 | 27 | 1 | 500 | 450.0 | 150.0 |
| 33 | 26 | 1 | 500 | 450.0 | 150.0 |
| 34 | 25 | 1 | 500 | 450.0 | 150.0 |
| 35 | 24 | 1 | 500 | 450.0 | 150.0 |

35 DRAINS

RECHARGE

READING ON UNIT 18 WITH FORMAT: (15G11.4)

SOLVING FOR HEAD

2 CALLS TO PCG ROUTINE FOR TIME STEP 1 IN STRESS PERIOD 2  
6 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
| 0                | 0                    | 0            | 0                |

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 1, STRESS PERIOD 2

SOLVING FOR HEAD

2 CALLS TO PCG ROUTINE FOR TIME STEP 2 IN STRESS PERIOD 2  
4 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
| 0                | 0                    | 0            | 0                |

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 2, STRESS PERIOD 2

SOLVING FOR HEAD

2 CALLS TO PCG ROUTINE FOR TIME STEP 3 IN STRESS PERIOD 2  
4 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
|                  |                      |              |                  |

## SECTION\_A\_CASE\_III\_NOD3

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-----
      0          0          0          0
SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 3, STRESS PERIOD 2

SOLVING FOR HEAD
  2 CALLS TO PCG ROUTINE FOR TIME STEP 4 IN STRESS PERIOD 2
  4 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1      TOTAL BUDGET PRINTOUT FLAG = 0
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:
  HEAD    DRAWDOWN  HEAD    DRAWDOWN
PRINTOUT PRINTOUT  SAVE    SAVE
-----
      0          0          0          0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 4, STRESS PERIOD 2

SOLVING FOR HEAD
  2 CALLS TO PCG ROUTINE FOR TIME STEP 5 IN STRESS PERIOD 2
  6 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1      TOTAL BUDGET PRINTOUT FLAG = 0
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:
  HEAD    DRAWDOWN  HEAD    DRAWDOWN
PRINTOUT PRINTOUT  SAVE    SAVE
-----
      0          0          0          0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 5, STRESS PERIOD 2

SOLVING FOR HEAD
  2 CALLS TO PCG ROUTINE FOR TIME STEP 6 IN STRESS PERIOD 2
  5 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1      TOTAL BUDGET PRINTOUT FLAG = 0
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:
  HEAD    DRAWDOWN  HEAD    DRAWDOWN
PRINTOUT PRINTOUT  SAVE    SAVE
-----
      0          0          0          0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 6, STRESS PERIOD 2

SOLVING FOR HEAD
  2 CALLS TO PCG ROUTINE FOR TIME STEP 7 IN STRESS PERIOD 2
  5 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1      TOTAL BUDGET PRINTOUT FLAG = 0
CELL-BY-CELL FLOW TERM FLAG = 0

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SECTION\_A\_CASE\_III\_NOD3

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
| 0                | 0                    | 0            | 0                |

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 7, STRESS PERIOD 2

SOLVING FOR HEAD

2 CALLS TO PCG ROUTINE FOR TIME STEP 8 IN STRESS PERIOD 2  
6 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
| 0                | 0                    | 0            | 0                |

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 8, STRESS PERIOD 2

SOLVING FOR HEAD

2 CALLS TO PCG ROUTINE FOR TIME STEP 9 IN STRESS PERIOD 2  
6 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
| 0                | 0                    | 0            | 0                |

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 9, STRESS PERIOD 2

SOLVING FOR HEAD

2 CALLS TO PCG ROUTINE FOR TIME STEP 10 IN STRESS PERIOD 2  
6 TOTAL ITERATIONS

MAXIMUM HEAD CHANGE FOR EACH ITERATION (1 INDICATES THE FIRST INNER ITERATION):

| HEAD CHANGE<br>LAYER, ROW, COL | HEAD CHANGE<br>LAYER, ROW, COL | HEAD CHANGE<br>LAYER, ROW, COL | HEAD CHANGE<br>LAYER, ROW, COL | HEAD CHANGE<br>LAYER, ROW, COL |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| 1 0.3692<br>( 15, 1, 39)       | 0 -0.4024<br>( 4, 1, 39)       | 0 0.5503<br>( 4, 1, 39)        | 0 -0.1791<br>( 10, 1, 50)      | 0 0.4535E-01<br>( 13, 1, 56)   |
| 1 0.7758E-01<br>( 15, 1, 39)   |                                |                                |                                |                                |

MAXIMUM RESIDUAL FOR EACH ITERATION (1 INDICATES THE FIRST INNER ITERATION):

| RESIDUAL<br>LAYER, ROW, COL | RESIDUAL<br>LAYER, ROW, COL | RESIDUAL<br>LAYER, ROW, COL | RESIDUAL<br>LAYER, ROW, COL | RESIDUAL<br>LAYER, ROW, COL |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| 1 -5.454<br>( 2, 1, 40)     | 0 -4.558<br>( 8, 1, 51)     | 0 8.692<br>( 28, 1, 374)    | 0 8.203<br>( 28, 1, 374)    | 0 6.557<br>( 28, 1, 374)    |

SECTION\_A\_CASE\_III\_NOD3

1 -2.504  
 ( 27, 1,364)

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

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT                 | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE   | DRAWDOWN<br>SAVE |   |
|----------------------------------|----------------------|----------------|------------------|---|
| 0                                | 0                    | 1              | 1                |   |
| UBUDSV SAVING "                  |                      | STORAGE"       |                  | ON UNIT154 AT TIME STEP 10, STRESS PERIOD 2 |
| UBUDSV SAVING "                  |                      | CONSTANT HEAD" |                  | ON UNIT154 AT TIME STEP 10, STRESS PERIOD 2 |
| UBUDSV SAVING "FLOW RIGHT FACE " |                      |                |                  | ON UNIT154 AT TIME STEP 10, STRESS PERIOD 2 |
| UBUDSV SAVING "FLOW LOWER FACE " |                      |                |                  | ON UNIT154 AT TIME STEP 10, STRESS PERIOD 2 |
| UBUDSV SAVING "                  |                      | DRAINS"        |                  | ON UNIT154 AT TIME STEP 10, STRESS PERIOD 2 |
| UBUDSV SAVING "                  |                      | RECHARGE"      |                  | ON UNIT154 AT TIME STEP 10, STRESS PERIOD 2 |

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 10, STRESS PERIOD 2

HEAD WILL BE SAVED ON UNIT 150 AT END OF TIME STEP 10, STRESS PERIOD 2

DRAWDOWN WILL BE SAVED ON UNIT 151 AT END OF TIME STEP 10, STRESS PERIOD 2

1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 10 IN STRESS PERIOD 2

| CUMULATIVE VOLUMES    | L**3       | RATES FOR THIS TIME STEP | L**3/T    |
|-----------------------|------------|--------------------------|-----------|
| IN:                   |            | IN:                      |           |
| ---                   |            | ---                      |           |
| STORAGE =             | 2341.8132  | STORAGE =                | 2.7023    |
| CONSTANT HEAD =       | 0.0000     | CONSTANT HEAD =          | 0.0000    |
| DRAINS =              | 0.0000     | DRAINS =                 | 0.0000    |
| RECHARGE =            | 35221.4766 | RECHARGE =               | 1441.4413 |
| TOTAL IN =            | 37563.2891 | TOTAL IN =               | 1444.1437 |
| OUT:                  |            | OUT:                     |           |
| ---                   |            | ---                      |           |
| STORAGE =             | 26389.1895 | STORAGE =                | 773.9036  |
| CONSTANT HEAD =       | 0.0000     | CONSTANT HEAD =          | 0.0000    |
| DRAINS =              | 5144.7417  | DRAINS =                 | 142.6551  |
| RECHARGE =            | 0.0000     | RECHARGE =               | 0.0000    |
| TOTAL OUT =           | 31533.9316 | TOTAL OUT =              | 916.5587  |
| IN - OUT =            | 6029.3574  | IN - OUT =               | 527.5850  |
| PERCENT DISCREPANCY = | 17.45      | PERCENT DISCREPANCY =    | 44.70     |

| TIME SUMMARY AT END OF TIME STEP | 10          | IN          | STRESS PERIOD | 2      |
|----------------------------------|-------------|-------------|---------------|--------|
| SECONDS                          | MINUTES     | HOURS       | DAYS          | YEARS  |
| TIME STEP LENGTH                 | 4.39087E+07 | 7.31812E+05 | 12197.        | 508.20 |
|                                  |             |             |               | 1.3914 |

SECTION\_A\_CASE\_III\_NOD3

STRESS PERIOD TIME 2.20903E+08 3.68172E+06 61362. 2556.8 7.0000  
 TOTAL TIME 6.94267E+08 1.15711E+07 1.92852E+05 8035.5 22.000

1  
1

STRESS PERIOD NO. 3, LENGTH = 30.00000

NUMBER OF TIME STEPS = 10

MULTIPLIER FOR DELT = 1.200

INITIAL TIME STEP SIZE = 1.155682

| DRAIN NO. | LAYER | ROW | COL | DRAIN EL. | CONDUCTANCE |
|-----------|-------|-----|-----|-----------|-------------|
| 1         | 58    | 1   | 500 | 450.0     | 150.0       |
| 2         | 57    | 1   | 500 | 450.0     | 150.0       |
| 3         | 56    | 1   | 500 | 450.0     | 150.0       |
| 4         | 55    | 1   | 500 | 450.0     | 150.0       |
| 5         | 54    | 1   | 500 | 450.0     | 150.0       |
| 6         | 53    | 1   | 500 | 450.0     | 150.0       |
| 7         | 52    | 1   | 500 | 450.0     | 150.0       |
| 8         | 51    | 1   | 500 | 450.0     | 150.0       |
| 9         | 50    | 1   | 500 | 450.0     | 150.0       |
| 10        | 49    | 1   | 500 | 450.0     | 150.0       |
| 11        | 48    | 1   | 500 | 450.0     | 150.0       |
| 12        | 47    | 1   | 500 | 450.0     | 150.0       |
| 13        | 46    | 1   | 500 | 450.0     | 150.0       |
| 14        | 45    | 1   | 500 | 450.0     | 150.0       |
| 15        | 44    | 1   | 500 | 450.0     | 150.0       |
| 16        | 43    | 1   | 500 | 450.0     | 150.0       |
| 17        | 42    | 1   | 500 | 450.0     | 150.0       |
| 18        | 41    | 1   | 500 | 450.0     | 150.0       |
| 19        | 40    | 1   | 500 | 450.0     | 150.0       |
| 20        | 39    | 1   | 500 | 450.0     | 150.0       |
| 21        | 38    | 1   | 500 | 450.0     | 150.0       |
| 22        | 37    | 1   | 500 | 450.0     | 150.0       |
| 23        | 36    | 1   | 500 | 450.0     | 150.0       |
| 24        | 35    | 1   | 500 | 450.0     | 150.0       |
| 25        | 34    | 1   | 500 | 450.0     | 150.0       |
| 26        | 33    | 1   | 500 | 450.0     | 150.0       |
| 27        | 32    | 1   | 500 | 450.0     | 150.0       |
| 28        | 31    | 1   | 500 | 450.0     | 150.0       |
| 29        | 30    | 1   | 500 | 450.0     | 150.0       |
| 30        | 29    | 1   | 500 | 450.0     | 150.0       |
| 31        | 28    | 1   | 500 | 450.0     | 150.0       |
| 32        | 27    | 1   | 500 | 450.0     | 150.0       |
| 33        | 26    | 1   | 500 | 450.0     | 150.0       |
| 34        | 25    | 1   | 500 | 450.0     | 150.0       |
| 35        | 24    | 1   | 500 | 450.0     | 150.0       |

35 DRAINS

RECHARGE

READING ON UNIT 18 WITH FORMAT: (15G11.4)

SOLVING FOR HEAD

2 CALLS TO PCG ROUTINE FOR TIME STEP 1 IN STRESS PERIOD 3  
 6 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0

## SECTION\_A\_CASE\_III\_NOD3

CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
| 0                | 0                    | 0            | 0                |

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SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 1, STRESS PERIOD 3

SOLVING FOR HEAD

2 CALLS TO PCG ROUTINE FOR TIME STEP 2 IN STRESS PERIOD 3  
6 TOTAL ITERATIONSHEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
| 0                | 0                    | 0            | 0                |

-----

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 2, STRESS PERIOD 3

SOLVING FOR HEAD

2 CALLS TO PCG ROUTINE FOR TIME STEP 3 IN STRESS PERIOD 3  
7 TOTAL ITERATIONSHEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
| 0                | 0                    | 0            | 0                |

-----

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 3, STRESS PERIOD 3

SOLVING FOR HEAD

2 CALLS TO PCG ROUTINE FOR TIME STEP 4 IN STRESS PERIOD 3  
6 TOTAL ITERATIONSHEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
| 0                | 0                    | 0            | 0                |

-----

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 4, STRESS PERIOD 3

SOLVING FOR HEAD

2 CALLS TO PCG ROUTINE FOR TIME STEP 5 IN STRESS PERIOD 3

## SECTION\_A\_CASE\_III\_NOD3

6 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1      TOTAL BUDGET PRINTOUT FLAG = 0  
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
| 0                | 0                    | 0            | 0                |

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 5, STRESS PERIOD 3

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 3 LAYER= 1 STEP= 6 PERIOD= 3 (ROW,COL)  
 WET( 1, 41)

CELL CONVERSIONS FOR ITER.= 3 LAYER= 2 STEP= 6 PERIOD= 3 (ROW,COL)  
 WET( 1, 42) WET( 1, 43)

CELL CONVERSIONS FOR ITER.= 3 LAYER= 3 STEP= 6 PERIOD= 3 (ROW,COL)  
 WET( 1, 44) WET( 1, 45)

CELL CONVERSIONS FOR ITER.= 3 LAYER= 4 STEP= 6 PERIOD= 3 (ROW,COL)  
 WET( 1, 46)

CELL CONVERSIONS FOR ITER.= 3 LAYER= 5 STEP= 6 PERIOD= 3 (ROW,COL)  
 WET( 1, 47) WET( 1, 48)

CELL CONVERSIONS FOR ITER.= 3 LAYER= 7 STEP= 6 PERIOD= 3 (ROW,COL)  
 WET( 1, 49) WET( 1, 50) WET( 1, 51) WET( 1, 52)

CELL CONVERSIONS FOR ITER.= 6 LAYER= 6 STEP= 6 PERIOD= 3 (ROW,COL)  
 WET( 1, 49) WET( 1, 50) WET( 1, 51) WET( 1, 52)  
 8 CALLS TO PCG ROUTINE FOR TIME STEP 6 IN STRESS PERIOD 3  
 57 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1      TOTAL BUDGET PRINTOUT FLAG = 0  
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
| 0                | 0                    | 0            | 0                |

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 6, STRESS PERIOD 3

SOLVING FOR HEAD

2 CALLS TO PCG ROUTINE FOR TIME STEP 7 IN STRESS PERIOD 3  
 7 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1      TOTAL BUDGET PRINTOUT FLAG = 0  
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
| 0                | 0                    | 0            | 0                |



SECTION\_A\_CASE\_III\_NOD3

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 7, STRESS PERIOD 3

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 3 LAYER= 4 STEP= 8 PERIOD= 3 (ROW,COL)  
WET( 1, 47) WET( 1, 48)

CELL CONVERSIONS FOR ITER.= 3 LAYER= 5 STEP= 8 PERIOD= 3 (ROW,COL)  
WET( 1, 49) WET( 1, 50) WET( 1, 51) WET( 1, 52)  
3 CALLS TO PCG ROUTINE FOR TIME STEP 8 IN STRESS PERIOD 3  
13 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
| 0                | 0                    | 0            | 0                |

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 8, STRESS PERIOD 3

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 3 LAYER= 3 STEP= 9 PERIOD= 3 (ROW,COL)  
WET( 1, 46) WET( 1, 47) WET( 1, 48)

CELL CONVERSIONS FOR ITER.= 3 LAYER= 4 STEP= 9 PERIOD= 3 (ROW,COL)  
WET( 1, 49) WET( 1, 50) WET( 1, 51) WET( 1, 52)  
4 CALLS TO PCG ROUTINE FOR TIME STEP 9 IN STRESS PERIOD 3  
21 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
| 0                | 0                    | 0            | 0                |

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 9, STRESS PERIOD 3

SOLVING FOR HEAD

2 CALLS TO PCG ROUTINE FOR TIME STEP 10 IN STRESS PERIOD 3  
7 TOTAL ITERATIONS

MAXIMUM HEAD CHANGE FOR EACH ITERATION (1 INDICATES THE FIRST INNER ITERATION):

| HEAD CHANGE<br>LAYER, ROW, COL | HEAD CHANGE<br>LAYER, ROW, COL | HEAD CHANGE<br>LAYER, ROW, COL | HEAD CHANGE<br>LAYER, ROW, COL | HEAD CHANGE<br>LAYER, ROW, COL |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| 1 1.075<br>( 15, 1, 39)        | 0 -0.6829<br>( 4, 1, 39)       | 0 0.7817<br>( 7, 1, 44)        | 0 0.3384<br>( 16, 1, 57)       | 0 -0.1923<br>( 13, 1, 55)      |
| 0 -0.6961E-01<br>( 47, 1, 489) | 1 0.9379E-01<br>( 12, 1, 54)   |                                |                                |                                |

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MAXIMUM RESIDUAL FOR EACH ITERATION (1 INDICATES THE FIRST INNER ITERATION):

| RESIDUAL<br>LAYER, ROW, COL | RESIDUAL<br>LAYER, ROW, COL | RESIDUAL<br>LAYER, ROW, COL | RESIDUAL<br>LAYER, ROW, COL | RESIDUAL<br>LAYER, ROW, COL |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| 1 -13.30<br>( 1, 1, 40)     | 0 14.38<br>( 4, 1, 48)      | 0 16.72<br>( 4, 1, 48)      | 0 -15.03<br>( 6, 1, 47)     | 0 -13.21<br>( 6, 1, 47)     |
| 0 -12.03<br>( 6, 1, 47)     | 1 6.250<br>( 4, 1, 48)      |                             |                             |                             |

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

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD      DRAWDOWN      HEAD      DRAWDOWN  
 PRINTOUT PRINTOUT      SAVE      SAVE

|                 | 0 | 0 | 1 | 1 |   |
|-----------------|---|---|---|---|---|
| UBUDSV SAVING " |   |   |   |   | STORAGE" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 3          |
| UBUDSV SAVING " |   |   |   |   | CONSTANT HEAD" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 3    |
| UBUDSV SAVING " |   |   |   |   | FLOW RIGHT FACE " ON UNIT154 AT TIME STEP 10, STRESS PERIOD 3 |
| UBUDSV SAVING " |   |   |   |   | FLOW LOWER FACE " ON UNIT154 AT TIME STEP 10, STRESS PERIOD 3 |
| UBUDSV SAVING " |   |   |   |   | DRAINS" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 3           |
| UBUDSV SAVING " |   |   |   |   | RECHARGE" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 3         |

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 10, STRESS PERIOD 3

HEAD WILL BE SAVED ON UNIT 150 AT END OF TIME STEP 10, STRESS PERIOD 3

DRAWDOWN WILL BE SAVED ON UNIT 151 AT END OF TIME STEP 10, STRESS PERIOD 3

1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 10 IN STRESS PERIOD 3

| CUMULATIVE VOLUMES    | L**3       | RATES FOR THIS TIME STEP | L**3/T     |
|-----------------------|------------|--------------------------|------------|
| IN:                   |            | IN:                      |            |
| ---                   |            | ---                      |            |
| STORAGE =             | 2716.8828  | STORAGE =                | 3.9512E-05 |
| CONSTANT HEAD =       | 0.0000     | CONSTANT HEAD =          | 0.0000     |
| DRAINS =              | 0.0000     | DRAINS =                 | 0.0000     |
| RECHARGE =            | 78464.7188 | RECHARGE =               | 1441.4413  |
| TOTAL IN =            | 81181.6016 | TOTAL IN =               | 1441.4413  |
| OUT:                  |            | OUT:                     |            |
| ----                  |            | ----                     |            |
| STORAGE =             | 55345.2109 | STORAGE =                | 783.2067   |
| CONSTANT HEAD =       | 0.0000     | CONSTANT HEAD =          | 0.0000     |
| DRAINS =              | 9337.7354  | DRAINS =                 | 140.4832   |
| RECHARGE =            | 0.0000     | RECHARGE =               | 0.0000     |
| TOTAL OUT =           | 64682.9453 | TOTAL OUT =              | 923.6899   |
| IN - OUT =            | 16498.6562 | IN - OUT =               | 517.7514   |
| PERCENT DISCREPANCY = | 22.62      | PERCENT DISCREPANCY =    | 43.78      |

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| TIME SUMMARY AT END OF TIME STEP 10 IN STRESS PERIOD 3 |             |             |             |        |        |
|--|-------------|-------------|-------------|--------|--------|
|  | SECONDS     | MINUTES     | HOURS       | DAYS   | YEARS  |
| TIME STEP LENGTH                                       | 1.88180E+08 | 3.13634E+06 | 52272.      | 2178.0 | 5.9631 |
| STRESS PERIOD TIME                                     | 9.46728E+08 | 1.57788E+07 | 2.62980E+05 | 10958. | 30.000 |
| TOTAL TIME   | 1.64100E+09 | 2.73499E+07 | 4.55832E+05 | 18993. | 52.000 |

1  
1

STRESS PERIOD NO. 4, LENGTH = 22.00000

NUMBER OF TIME STEPS = 10

MULTIPLIER FOR DELT = 1.200

INITIAL TIME STEP SIZE = 0.8475004

0 DRAINS

RECHARGE = 0.00000

SOLVING FOR HEAD

2 CALLS TO PCG ROUTINE FOR TIME STEP 1 IN STRESS PERIOD 4  
8 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
| 0                | 0                    | 0            | 0                |

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 1, STRESS PERIOD 4

SOLVING FOR HEAD

2 CALLS TO PCG ROUTINE FOR TIME STEP 2 IN STRESS PERIOD 4  
7 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
| 0                | 0                    | 0            | 0                |

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 2, STRESS PERIOD 4

SOLVING FOR HEAD

1 CALLS TO PCG ROUTINE FOR TIME STEP 3 IN STRESS PERIOD 4  
1 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0

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CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
| 0                | 0                    | 0            | 0                |

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 3, STRESS PERIOD 4

SOLVING FOR HEAD

1 CALLS TO PCG ROUTINE FOR TIME STEP 4 IN STRESS PERIOD 4  
1 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
| 0                | 0                    | 0            | 0                |

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 4, STRESS PERIOD 4

SOLVING FOR HEAD

1 CALLS TO PCG ROUTINE FOR TIME STEP 5 IN STRESS PERIOD 4  
1 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
| 0                | 0                    | 0            | 0                |

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 5, STRESS PERIOD 4

SOLVING FOR HEAD

1 CALLS TO PCG ROUTINE FOR TIME STEP 6 IN STRESS PERIOD 4  
1 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
| 0                | 0                    | 0            | 0                |

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 6, STRESS PERIOD 4

SOLVING FOR HEAD

2 CALLS TO PCG ROUTINE FOR TIME STEP 7 IN STRESS PERIOD 4

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3 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1      TOTAL BUDGET PRINTOUT FLAG = 0  
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
| 0                | 0                    | 0            | 0                |

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 7, STRESS PERIOD 4

SOLVING FOR HEAD

1 CALLS TO PCG ROUTINE FOR TIME STEP 8 IN STRESS PERIOD 4  
 1 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1      TOTAL BUDGET PRINTOUT FLAG = 0  
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
| 0                | 0                    | 0            | 0                |

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 8, STRESS PERIOD 4

SOLVING FOR HEAD

1 CALLS TO PCG ROUTINE FOR TIME STEP 9 IN STRESS PERIOD 4  
 1 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1      TOTAL BUDGET PRINTOUT FLAG = 0  
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

| HEAD<br>PRINTOUT | DRAWDOWN<br>PRINTOUT | HEAD<br>SAVE | DRAWDOWN<br>SAVE |
|------------------|----------------------|--------------|------------------|
| 0                | 0                    | 0            | 0                |

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 9, STRESS PERIOD 4

SOLVING FOR HEAD

1 CALLS TO PCG ROUTINE FOR TIME STEP 10 IN STRESS PERIOD 4  
 1 TOTAL ITERATIONS

MAXIMUM HEAD CHANGE FOR EACH ITERATION (1 INDICATES THE FIRST INNER ITERATION):

| HEAD CHANGE<br>LAYER, ROW, COL | HEAD CHANGE<br>LAYER, ROW, COL | HEAD CHANGE<br>LAYER, ROW, COL | HEAD CHANGE<br>LAYER, ROW, COL | HEAD CHANGE<br>LAYER, ROW, COL |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| 1 -0.4799E-01<br>( 15, 1, 39)  |                                |                                |                                |                                |

MAXIMUM RESIDUAL FOR EACH ITERATION (1 INDICATES THE FIRST INNER ITERATION):

| RESIDUAL<br>LAYER, ROW, COL | RESIDUAL<br>LAYER, ROW, COL | RESIDUAL<br>LAYER, ROW, COL | RESIDUAL<br>LAYER, ROW, COL | RESIDUAL<br>LAYER, ROW, COL |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
|                             |                             |                             |                             |                             |

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1 -1.925  
 ( 46, 1,496)

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

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD      DRAWDOWN      HEAD      DRAWDOWN  
 PRINTOUT PRINTOUT      SAVE      SAVE

|                                  |   |   |   |   |
|----------------------------------|---|---|---|---|
| 0                                | 0 | 1   | 1   |   |
| UBUDSV SAVING "                  |   | STORAGE"                                  | ON UNIT154 AT TIME STEP 10, STRESS PERIOD | 4 |
| UBUDSV SAVING "                  |   | CONSTANT HEAD"                            | ON UNIT154 AT TIME STEP 10, STRESS PERIOD | 4 |
| UBUDSV SAVING "FLOW RIGHT FACE " |   | ON UNIT154 AT TIME STEP 10, STRESS PERIOD | 4   |   |
| UBUDSV SAVING "FLOW LOWER FACE " |   | ON UNIT154 AT TIME STEP 10, STRESS PERIOD | 4   |   |
| UBUDSV SAVING "                  |   | RECHARGE"                                 | ON UNIT154 AT TIME STEP 10, STRESS PERIOD | 4 |

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 10, STRESS PERIOD 4

HEAD WILL BE SAVED ON UNIT 150 AT END OF TIME STEP 10, STRESS PERIOD 4

DRAWDOWN WILL BE SAVED ON UNIT 151 AT END OF TIME STEP 10, STRESS PERIOD 4

1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 10 IN STRESS PERIOD 4

| CUMULATIVE VOLUMES    | L**3       | RATES FOR THIS TIME STEP | L**3/T     |
|-----------------------|------------|--------------------------|------------|
| IN:                   |            | IN:                      |            |
| ---                   |            | ---                      |            |
| STORAGE =             | 2892.5527  | STORAGE =                | 0.1133     |
| CONSTANT HEAD =       | 0.0000     | CONSTANT HEAD =          | 0.0000     |
| DRAINS =              | 0.0000     | DRAINS =                 | 0.0000     |
| RECHARGE =            | 78464.7188 | RECHARGE =               | 0.0000     |
| TOTAL IN =            | 81357.2734 | TOTAL IN =               | 0.1133     |
| OUT:                  |            | OUT:                     |            |
| ---                   |            | ---                      |            |
| STORAGE =             | 55520.8047 | STORAGE =                | 0.1129     |
| CONSTANT HEAD =       | 0.0000     | CONSTANT HEAD =          | 0.0000     |
| DRAINS =              | 9337.7354  | DRAINS =                 | 0.0000     |
| RECHARGE =            | 0.0000     | RECHARGE =               | 0.0000     |
| TOTAL OUT =           | 64858.5391 | TOTAL OUT =              | 0.1129     |
| IN - OUT =            | 16498.7344 | IN - OUT =               | 3.4470E-04 |
| PERCENT DISCREPANCY = | 22.57      | PERCENT DISCREPANCY =    | 0.30       |

TIME SUMMARY AT END OF TIME STEP 10 IN STRESS PERIOD 4

|                  |             |             |        |        |        |
|------------------|-------------|-------------|--------|--------|--------|
|                  | SECONDS     | MINUTES     | HOURS  | DAYS   | YEARS  |
| TIME STEP LENGTH | 1.37999E+08 | 2.29998E+06 | 38333. | 1597.2 | 4.3729 |

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STRESS PERIOD TIME 6.94267E+08 1.15711E+07 1.92852E+05 8035.5 22.000  
TOTAL TIME 2.33526E+09 3.89210E+07 6.48684E+05 27028. 74.000  
1

Run end date and time (yyyy/mm/dd hh:mm:ss): 2013/01/17 17:03:02  
Elapsed run time: 3.698 Secondsú