

SECTION_B_CASE_III_10_YEARS_NOD3
MODFLOW-2000
U.S. GEOLOGICAL SURVEY MODULAR FINITE-DIFFERENCE GROUND-WATER FLOW MODEL
VERSION 1.18.00 08/23/2007 Prec:single, Reg:GUI

This model run combines GLOBAL and LIST output into this single file.

GLOBAL LISTING FILE: C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case III 10 Years\SECTION_B_CASE_III_10_YEARS_NOD3.LST
UNIT 6

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case III 10 Years\SECTION_B_CASE_III_10_YEARS_NOD3.PCG
FILE TYPE:PCG UNIT 23 STATUS:OLD
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case III 10 Years\SECTION_B_CASE_III_10_YEARS_NOD3.BAS
FILE TYPE:BAS6 UNIT 10 STATUS:OLD
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case III 10 Years\SECTION_B_CASE_III_10_YEARS_NOD3.BCF
FILE TYPE:BCF6 UNIT 11 STATUS:OLD
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case III 10 Years\SECTION_B_CASE_III_10_YEARS_NOD3.DRN
FILE TYPE:DRN UNIT 13 STATUS:OLD
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case III 10 Years\SECTION_B_CASE_III_10_YEARS_NOD3.EVT
FILE TYPE:EVT UNIT 15 STATUS:OLD
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case III 10 Years\SECTION_B_CASE_III_10_YEARS_NOD3.RCH
FILE TYPE:RCH UNIT 18 STATUS:OLD
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case III 10 Years\SECTION_B_CASE_III_10_YEARS_NOD3.OC
FILE TYPE:OC UNIT 22 STATUS:OLD
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case III 10 Years\SECTION_B_CASE_III_10_YEARS_NOD3.HFB
FILE TYPE:HFB6 UNIT 31 STATUS:OLD
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case III 10 Years\SECTION_B_CASE_III_10_YEARS_NOD3.DIS
FILE TYPE:DIS UNIT 34 STATUS:OLD
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case III 10 Years\SECTION_B_CASE_III_10_YEARS_NOD3.LMT
FILE TYPE:LMT6 UNIT 333 STATUS:OLD
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case III 10 Years\SECTION_B_CASE_III_10_YEARS_NOD3.FLO
FILE TYPE:DATA(BINARY) UNIT 175 STATUS:UNKNOWN
FORMAT:UNFORMATTED ACCESS:SEQUENTIAL

SECTION_B_CASE_III_10_YEARS_NOD3

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case III 10
Years\SECTION_B_CASE_III_10_YEARS_NOD3.NDC
FILE TYPE:NDC UNIT 57 STATUS:OLD
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case III 10
Years\SECTION_B_CASE_III_10_YEARS_NOD3.HDS
FILE TYPE:DATA(BINARY) UNIT 150 STATUS:UNKNOWN
FORMAT:UNFORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case III 10
Years\SECTION_B_CASE_III_10_YEARS_NOD3.DDN
FILE TYPE:DATA(BINARY) UNIT 151 STATUS:UNKNOWN
FORMAT:UNFORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case III 10
Years\SECTION_B_CASE_III_10_YEARS_NOD3.BGT
FILE TYPE:DATA(BINARY) UNIT 154 STATUS:UNKNOWN
FORMAT:UNFORMATTED ACCESS:SEQUENTIAL

DISCRETIZATION INPUT DATA READ FROM UNIT 34
#Discretization Package translator - (c) 2001 Waterloo Hydrogeologic Software
#SECTION_B_CASE_III_10_YEARS_NOD3.DIS Fri Jan 18 09:11:13 2013
80 LAYERS 1 ROWS 500 COLUMNS
5 STRESS PERIOD(S) IN SIMULATION
MODEL TIME UNIT IS YEARS
MODEL LENGTH UNIT IS FEET
THE GROUND-WATER TRANSPORT PROCESS IS INACTIVE

THE OBSERVATION PROCESS IS INACTIVE
THE SENSITIVITY PROCESS IS INACTIVE
THE PARAMETER-ESTIMATION PROCESS IS INACTIVE

MODE: FORWARD

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

360501	ELEMENTS OF GX ARRAY USED OUT OF	360501
40000	ELEMENTS OF GZ ARRAY USED OUT OF	40000
40000	ELEMENTS OF IG ARRAY USED OUT OF	40000

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

SECTION_B_CASE_III_10_YEARS_NOD3

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)

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

SECTION_B_CASE_III_10_YEARS_NOD3

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)

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

SECTION_B_CASE_III_10_YEARS_NOD3

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)

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

SECTION_B_CASE_III_10_YEARS_NOD3

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)

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

SECTION_B_CASE_III_10_YEARS_NOD3

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)

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

SECTION_B_CASE_III_10_YEARS_NOD3

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)

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

SECTION_B_CASE_III_10_YEARS_NOD3

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	24.00000	10	1.200	TR
2	7.000000	10	1.200	TR
3	21.00000	10	1.200	TR
4	9.000000	10	1.200	TR
5	69.00000	10	1.200	TR

TRANSIENT SIMULATION

PCG2 -- CONJUGATE GRADIENT SOLUTION PACKAGE, VERSION 2.4, 12/29/98

MAXIMUM OF 10000 CALLS OF SOLUTION ROUTINE

MAXIMUM OF 10 INTERNAL ITERATIONS PER CALL TO SOLUTION ROUTINE

MATRIX PRECONDITIONING TYPE : 1

280000 ELEMENTS IN X ARRAY ARE USED BY PCG
 700000 ELEMENTS IN IX ARRAY ARE USED BY PCG
 160000 ELEMENTS IN Z ARRAY ARE USED BY PCG

280000 ELEMENTS OF X ARRAY USED OUT OF 280000
 160000 ELEMENTS OF Z ARRAY USED OUT OF 160000
 700000 ELEMENTS OF IX ARRAY USED OUT OF 700000
 0 ELEMENTS OF XHS ARRAY USED OUT OF 1

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

#Basic Package translator - (c) 2001 Waterloo Hydrogeologic Software

#SECTION_B_CASE_III_10_YEARS_NOD3.BAS Fri Jan 18 09:09:57 2013

80 LAYERS 1 ROWS 500 COLUMNS
 5 STRESS PERIOD(S) IN SIMULATION

BAS6 -- BASIC PACKAGE, VERSION 6, 1/11/2000 INPUT READ FROM UNIT 10
 400 ELEMENTS IN IR ARRAY ARE USED BY BAS

BCF6 -- BLOCK-CENTERED FLOW PACKAGE, VERSION 6, 1/11/2000
 INPUT READ FROM UNIT 11

TRANSIENT SIMULATION

CELL-BY-CELL FLOWS WILL BE SAVED ON UNIT154

HEAD AT CELLS THAT CONVERT TO DRY= -0.10000E+31

WETTING CAPABILITY IS NOT ACTIVE

LAYER LAYER-TYPE CODE INTERBLOCK T

SECTION_B_CASE_III_10_YEARS_NOD3

1	3	0 -- HARMONIC
2	3	0 -- HARMONIC
3	3	0 -- HARMONIC
4	3	0 -- HARMONIC
5	3	0 -- HARMONIC
6	3	0 -- HARMONIC
7	3	0 -- HARMONIC
8	3	0 -- HARMONIC
9	3	0 -- HARMONIC
10	3	0 -- HARMONIC
11	3	0 -- HARMONIC
12	3	0 -- HARMONIC
13	3	0 -- HARMONIC
14	3	0 -- HARMONIC
15	3	0 -- HARMONIC
16	3	0 -- HARMONIC
17	3	0 -- HARMONIC
18	3	0 -- HARMONIC
19	3	0 -- HARMONIC
20	3	0 -- HARMONIC
21	3	0 -- HARMONIC
22	3	0 -- HARMONIC
23	3	0 -- HARMONIC
24	3	0 -- HARMONIC
25	3	0 -- HARMONIC
26	3	0 -- HARMONIC
27	3	0 -- HARMONIC
28	3	0 -- HARMONIC
29	3	0 -- HARMONIC
30	3	0 -- HARMONIC
31	3	0 -- HARMONIC
32	3	0 -- HARMONIC
33	3	0 -- HARMONIC
34	3	0 -- HARMONIC
35	3	0 -- HARMONIC
36	3	0 -- HARMONIC
37	3	0 -- HARMONIC
38	3	0 -- HARMONIC
39	3	0 -- HARMONIC
40	3	0 -- HARMONIC
41	3	0 -- HARMONIC
42	3	0 -- HARMONIC
43	3	0 -- HARMONIC
44	3	0 -- HARMONIC
45	3	0 -- HARMONIC
46	3	0 -- HARMONIC
47	3	0 -- HARMONIC
48	3	0 -- HARMONIC
49	3	0 -- HARMONIC
50	3	0 -- HARMONIC
51	3	0 -- HARMONIC
52	3	0 -- HARMONIC
53	3	0 -- HARMONIC
54	3	0 -- HARMONIC
55	3	0 -- HARMONIC
56	3	0 -- HARMONIC
57	3	0 -- HARMONIC
58	3	0 -- HARMONIC
59	3	0 -- HARMONIC
60	3	0 -- HARMONIC
61	3	0 -- HARMONIC
62	3	0 -- HARMONIC
63	3	0 -- HARMONIC
64	3	0 -- HARMONIC
65	3	0 -- HARMONIC

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SECTION_B_CASE_III_10_YEARS_NOD3
66      3      0 -- HARMONIC
67      3      0 -- HARMONIC
68      3      0 -- HARMONIC
69      3      0 -- HARMONIC
70      3      0 -- HARMONIC
71      3      0 -- HARMONIC
72      3      0 -- HARMONIC
73      3      0 -- HARMONIC
74      3      0 -- HARMONIC
75      3      0 -- HARMONIC
76      3      0 -- HARMONIC
77      3      0 -- HARMONIC
78      3      0 -- HARMONIC
79      3      0 -- HARMONIC
80      3      0 -- HARMONIC
120080 ELEMENTS IN RX ARRAY ARE USED BY BCF

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DRN6 -- DRAIN PACKAGE, VERSION 6, 1/11/2000 INPUT READ FROM UNIT 13
No named parameters
MAXIMUM OF 18 ACTIVE DRAINS AT ONE TIME
CELL-BY-CELL FLOWS WILL BE SAVED ON UNIT 154
90 ELEMENTS IN RX ARRAY ARE USED BY DRN

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EVT6 -- EVAPOTRANSPIRATION PACKAGE, VERSION 6, 12/14/2000
INPUT READ FROM UNIT 15
No named parameters
OPTION 1 -- EVAPOTRANSPIRATION FROM TOP LAYER
CELL-BY-CELL FLOWS WILL BE SAVED ON UNIT 154
1500 ELEMENTS IN RX ARRAY ARE USED BY EVT
500 ELEMENTS IN IR ARRAY ARE USED BY EVT

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RCH6 -- RECHARGE PACKAGE, VERSION 6, 1/11/2000 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
500 ELEMENTS IN RX ARRAY ARE USED BY RCH
500 ELEMENTS IN IR ARRAY ARE USED BY RCH

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HFB6 -- HORIZONTAL FLOW BARRIER PACKAGE, VERSION 6, 1/11/1000.
INPUT READ FROM UNIT 31
0 PARAMETERS DEFINE A MAXIMUM OF 0 HORIZONTAL FLOW BARRIERS
74 HORIZONTAL FLOW BARRIERS NOT DEFINED BY PARAMETERS
518 ELEMENTS IN RX ARRAY ARE USED FOR
HORIZONTAL FLOW BARRIER PACKAGE

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122688 ELEMENTS OF RX ARRAY USED OUT OF 122688
0 ELEMENTS OF RZ ARRAY USED OUT OF 1
1400 ELEMENTS OF IR ARRAY USED OUT OF 1400

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1
#Basic Package translator - (c) 2001 Waterloo Hydrogeologic Software
#SECTION_B_CASE_III_10_YEARS_NOD3.BAS Fri Jan 18 09:09:57 2013

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BOUNDARY ARRAY FOR LAYER 1
READING ON UNIT 10 WITH FORMAT: (40I2)

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BOUNDARY ARRAY FOR LAYER 2
READING ON UNIT 10 WITH FORMAT: (40I2)

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BOUNDARY ARRAY FOR LAYER 3
READING ON UNIT 10 WITH FORMAT: (40I2)

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SECTION_B_CASE_III_10_YEARS_NOD3

BOUNDARY ARRAY FOR LAYER 4
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 5
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 6
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 7
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 8
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 9
READING ON UNIT 10 WITH FORMAT: (40I2)

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

BOUNDARY ARRAY FOR LAYER 11
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 12
READING ON UNIT 10 WITH FORMAT: (40I2)

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)

SECTION_B_CASE_III_10_YEARS_NOD3

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)

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)

SECTION_B_CASE_III_10_YEARS_NOD3

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)

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)

SECTION_B_CASE_III_10_YEARS_NOD3

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)

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)

SECTION_B_CASE_III_10_YEARS_NOD3

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)

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

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

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

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

SECTION_B_CASE_III_10_YEARS_NOD3

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

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

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

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

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

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

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

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

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

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).

SECTION_B_CASE_III_10_YEARS_NOD3

READING ON UNIT	10 WITH FORMAT: (10G12.5)	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)	INITIAL HEAD FOR LAYER	11
READING ON UNIT	10 WITH FORMAT: (10G12.5)	INITIAL HEAD FOR LAYER	12
READING ON UNIT	10 WITH FORMAT: (10G12.5)	INITIAL HEAD FOR LAYER	13

SECTION_B_CASE_III_10_YEARS_NOD3

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)
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)

SECTION_B_CASE_III_10_YEARS_NOD3

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)
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)

SECTION_B_CASE_III_10_YEARS_NOD3

READING ON UNIT	10 WITH FORMAT: (10G12.5)	INITIAL HEAD FOR LAYER	40
READING ON UNIT	10 WITH FORMAT: (10G12.5)	INITIAL HEAD FOR LAYER	41
READING ON UNIT	10 WITH FORMAT: (10G12.5)	INITIAL HEAD FOR LAYER	42
READING ON UNIT	10 WITH FORMAT: (10G12.5)	INITIAL HEAD FOR LAYER	43
READING ON UNIT	10 WITH FORMAT: (10G12.5)	INITIAL HEAD FOR LAYER	44
READING ON UNIT	10 WITH FORMAT: (10G12.5)	INITIAL HEAD FOR LAYER	45
READING ON UNIT	10 WITH FORMAT: (10G12.5)	INITIAL HEAD FOR LAYER	46
READING ON UNIT	10 WITH FORMAT: (10G12.5)	INITIAL HEAD FOR LAYER	47
READING ON UNIT	10 WITH FORMAT: (10G12.5)	INITIAL HEAD FOR LAYER	48
READING ON UNIT	10 WITH FORMAT: (10G12.5)	INITIAL HEAD FOR LAYER	49
READING ON UNIT	10 WITH FORMAT: (10G12.5)	INITIAL HEAD FOR LAYER	50
READING ON UNIT	10 WITH FORMAT: (10G12.5)	INITIAL HEAD FOR LAYER	51
READING ON UNIT	10 WITH FORMAT: (10G12.5)	INITIAL HEAD FOR LAYER	52

SECTION_B_CASE_III_10_YEARS_NOD3

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)
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)

SECTION_B_CASE_III_10_YEARS_NOD3

READING ON UNIT	10 WITH FORMAT: (10G12.5)	INITIAL HEAD FOR LAYER 66
READING ON UNIT	10 WITH FORMAT: (10G12.5)	INITIAL HEAD FOR LAYER 67
READING ON UNIT	10 WITH FORMAT: (10G12.5)	INITIAL HEAD FOR LAYER 68
READING ON UNIT	10 WITH FORMAT: (10G12.5)	INITIAL HEAD FOR LAYER 69
READING ON UNIT	10 WITH FORMAT: (10G12.5)	INITIAL HEAD FOR LAYER 70
READING ON UNIT	10 WITH FORMAT: (10G12.5)	INITIAL HEAD FOR LAYER 71
READING ON UNIT	10 WITH FORMAT: (10G12.5)	INITIAL HEAD FOR LAYER 72
READING ON UNIT	10 WITH FORMAT: (10G12.5)	INITIAL HEAD FOR LAYER 73
READING ON UNIT	10 WITH FORMAT: (10G12.5)	INITIAL HEAD FOR LAYER 74
READING ON UNIT	10 WITH FORMAT: (10G12.5)	INITIAL HEAD FOR LAYER 75
READING ON UNIT	10 WITH FORMAT: (10G12.5)	INITIAL HEAD FOR LAYER 76
READING ON UNIT	10 WITH FORMAT: (10G12.5)	INITIAL HEAD FOR LAYER 77
READING ON UNIT	10 WITH FORMAT: (10G12.5)	INITIAL HEAD FOR LAYER 78

SECTION_B_CASE_III_10_YEARS_NOD3

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

INITIAL HEAD FOR LAYER 80
READING ON UNIT 10 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

COLUMN TO ROW ANISOTROPY

READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 1

READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 1

VERT HYD COND /THICKNESS = 9.829100E-02 FOR LAYER 1

SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 1

PRIMARY STORAGE COEF FOR LAYER 2

READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 2

VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 2

SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 2

PRIMARY STORAGE COEF FOR LAYER 3

READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 3

VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 3

SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 3

PRIMARY STORAGE COEF FOR LAYER 4

READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 4

VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 4

SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 4

PRIMARY STORAGE COEF FOR LAYER 5

READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECTION_B_CASE_III_10_YEARS_NOD3

HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 5
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 5
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 5

PRIMARY STORAGE COEF FOR LAYER 6
READING ON UNIT 11 WITH FORMAT: (10G11.4)
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 6

VERT HYD COND /THICKNESS FOR LAYER 6
READING ON UNIT 11 WITH FORMAT: (10G11.4)
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 6

PRIMARY STORAGE COEF FOR LAYER 7
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 7
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 7
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 7
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 8
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 8
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 8
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 8
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 9
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECTION_B_CASE_III_10_YEARS_NOD3

HYD. COND. ALONG ROWS FOR LAYER 9
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 9
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 9
READING ON UNIT 11 WITH FORMAT: (10G11.4)

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

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

VERT HYD COND /THICKNESS FOR LAYER 10
READING ON UNIT 11 WITH FORMAT: (10G11.4)

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

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

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

VERT HYD COND /THICKNESS FOR LAYER 11
READING ON UNIT 11 WITH FORMAT: (10G11.4)

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

PRIMARY STORAGE COEF FOR LAYER 12
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 12
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECTION_B_CASE_III_10_YEARS_NOD3

VERT HYD COND /THICKNESS FOR LAYER 12
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 12
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 13
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 13
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 13
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 13
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 14
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 14
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 14
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 14
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 15
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 15
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 15
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECTION_B_CASE_III_10_YEARS_NOD3

SECONDARY STORAGE COEF FOR LAYER 15
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 16
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 16
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 16
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 16
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 17
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS = 4024.80 FOR LAYER 17
VERT HYD COND /THICKNESS = 4024.80 FOR LAYER 17

SECONDARY STORAGE COEF FOR LAYER 17
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 18
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS = 4024.80 FOR LAYER 18
VERT HYD COND /THICKNESS = 4024.80 FOR LAYER 18

SECONDARY STORAGE COEF FOR LAYER 18
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 19
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS = 4024.80 FOR LAYER 19
VERT HYD COND /THICKNESS = 4024.80 FOR LAYER 19

SECTION_B_CASE_III_10_YEARS_NOD3

SECONDARY STORAGE COEF FOR LAYER 19
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 20
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS = 4024.80 FOR LAYER 20
VERT HYD COND /THICKNESS = 4024.80 FOR LAYER 20

SECONDARY STORAGE COEF FOR LAYER 20
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 21
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS = 4024.80 FOR LAYER 21
VERT HYD COND /THICKNESS = 4024.80 FOR LAYER 21

SECONDARY STORAGE COEF FOR LAYER 21
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 22
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS = 4024.80 FOR LAYER 22
VERT HYD COND /THICKNESS = 4024.80 FOR LAYER 22

SECONDARY STORAGE COEF FOR LAYER 22
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 23
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS = 4024.80 FOR LAYER 23
VERT HYD COND /THICKNESS = 4024.80 FOR LAYER 23

SECONDARY STORAGE COEF FOR LAYER 23
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 24
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS = 4024.80 FOR LAYER 24

SECTION_B_CASE_III_10_YEARS_NOD3

VERT HYD COND /THICKNESS = 4024.80 FOR LAYER 24

SECONDARY STORAGE COEF FOR LAYER 24
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 25
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS = 4024.80 FOR LAYER 25

VERT HYD COND /THICKNESS = 4024.80 FOR LAYER 25

SECONDARY STORAGE COEF FOR LAYER 25
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 26
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS = 4024.80 FOR LAYER 26

VERT HYD COND /THICKNESS FOR LAYER 26
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 26
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 27
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 27
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 27
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 27
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF = 1.000000E-06 FOR LAYER 28

HYD. COND. ALONG ROWS = 0.331090 FOR LAYER 28

VERT HYD COND /THICKNESS = 0.175890 FOR LAYER 28

SECTION_B_CASE_III_10_YEARS_NOD3

SECONDARY STORAGE COEF = 1.000000E-02 FOR LAYER 28
PRIMARY STORAGE COEF = 1.000000E-06 FOR LAYER 29
HYD. COND. ALONG ROWS = 0.331090 FOR LAYER 29
VERT HYD COND /THICKNESS = 0.175890 FOR LAYER 29
SECONDARY STORAGE COEF = 1.000000E-02 FOR LAYER 29
PRIMARY STORAGE COEF = 1.000000E-06 FOR LAYER 30
HYD. COND. ALONG ROWS = 0.331090 FOR LAYER 30
VERT HYD COND /THICKNESS = 0.175890 FOR LAYER 30
SECONDARY STORAGE COEF = 1.000000E-02 FOR LAYER 30
PRIMARY STORAGE COEF = 1.000000E-06 FOR LAYER 31
HYD. COND. ALONG ROWS = 0.331090 FOR LAYER 31
VERT HYD COND /THICKNESS = 0.175890 FOR LAYER 31
SECONDARY STORAGE COEF = 1.000000E-02 FOR LAYER 31
PRIMARY STORAGE COEF = 1.000000E-06 FOR LAYER 32
HYD. COND. ALONG ROWS = 0.331090 FOR LAYER 32

VERT HYD COND /THICKNESS FOR LAYER 32
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF = 1.000000E-02 FOR LAYER 32

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

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

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

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

PRIMARY STORAGE COEF FOR LAYER 34
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 34

SECTION_B_CASE_III_10_YEARS_NOD3

READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 34
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 34
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 35
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 35
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 35
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 35
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 36
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 36
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 36
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 36
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 37
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 37
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 37

SECTION_B_CASE_III_10_YEARS_NOD3

READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 37
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 38
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 38
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 38
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 38
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 39
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 39
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 39
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 39
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 40
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 40
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 40
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 40

SECTION_B_CASE_III_10_YEARS_NOD3

READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 41
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 41
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 41
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 41
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 42
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 42
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 42
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 42
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 43
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 43
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 43
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 43
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 44

HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 44

SECTION_B_CASE_III_10_YEARS_NOD3

VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 44
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 44
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 45
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 45
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 45
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 45
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 46
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 46
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 46
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 46
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 47
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 47
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 47
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 47
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 48
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 48
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 48
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 48
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 49
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 49
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 49
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 49
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 50
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 50
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 50
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 50
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 51
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 51
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 51
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 51
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 52
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 52

SECTION_B_CASE_III_10_YEARS_NOD3

VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 52
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 52
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 53
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 53
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 53
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 53
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 54
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 54
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 54
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 54
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 55
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 55
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 55
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 55
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 56
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 56
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 56
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 56
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 57
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 57
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 57
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 57
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 58
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 58
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 58
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 58
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 59
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 59
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 59
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 59
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 60
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 60
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 60

SECTION_B_CASE_III_10_YEARS_NOD3

SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 60
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 61
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 61
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 61
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 61
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 62
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 62
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 62
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 62
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 63
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 63
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 63
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 63
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 64
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 64
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 64
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 64
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 65
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 65
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 65
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 65
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 66
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 66
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 66
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 66
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 67
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 67
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 67
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 67
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 68
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 68
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 68

SECTION_B_CASE_III_10_YEARS_NOD3

SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 68
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 69
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 69
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 69
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 69
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 70
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 70
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 70
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 70
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 71
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 71
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 71
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 71
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 72
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 72
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 72
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 72
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 73
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 73
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 73
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 73
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 74
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 74
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 74
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 74
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 75
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 75
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 75
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 75
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 76
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 76
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 76
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 76

SECTION_B_CASE_III_10_YEARS_NOD3

PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 77
 HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 77
 VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 77
 SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 77
 PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 78
 HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 78
 VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 78
 SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 78
 PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 79
 HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 79
 VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 79
 SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 79
 PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 80
 HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 80
 SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 80

0 Drain parameters

0 Evapotranspiration parameters

0 Recharge parameters

0 HFB parameters

74 BARRIERS NOT DEFINED BY PARAMETERS

BARRIER	LAYER	IROW1	ICOL1	IROW2	ICOL2	HYDCHR
1	1	1	9	1	8	0.34488E-01
2	1	1	447	1	446	0.34488E-01
3	2	1	9	1	8	0.34488E-01
4	2	1	447	1	446	0.34488E-01
5	3	1	9	1	8	0.34488E-01
6	3	1	447	1	446	0.34488E-01
7	4	1	9	1	8	0.34488E-01
8	4	1	447	1	446	0.34488E-01
9	5	1	9	1	8	0.34488E-01
10	5	1	447	1	446	0.34488E-01
11	6	1	9	1	8	0.34488E-01
12	6	1	447	1	446	0.34488E-01
13	7	1	9	1	8	0.34488E-01
14	7	1	447	1	446	0.34488E-01
15	8	1	9	1	8	0.34488E-01
16	8	1	447	1	446	0.34488E-01
17	9	1	9	1	8	0.34488E-01
18	9	1	447	1	446	0.34488E-01
19	10	1	9	1	8	0.34488E-01
20	10	1	447	1	446	0.34488E-01

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21	11	1	9	1	8	0.34488E-01
22	11	1	447	1	446	0.34488E-01
23	12	1	9	1	8	0.34488E-01
24	12	1	447	1	446	0.34488E-01
25	13	1	9	1	8	0.34488E-01
26	13	1	447	1	446	0.34488E-01
27	14	1	9	1	8	0.34488E-01
28	14	1	447	1	446	0.34488E-01
29	15	1	9	1	8	0.34488E-01
30	15	1	447	1	446	0.34488E-01
31	16	1	9	1	8	0.34488E-01
32	16	1	447	1	446	0.34488E-01
33	17	1	9	1	8	0.34488E-01
34	17	1	447	1	446	0.34488E-01
35	18	1	9	1	8	0.34488E-01
36	18	1	447	1	446	0.34488E-01
37	19	1	9	1	8	0.34488E-01
38	19	1	447	1	446	0.34488E-01
39	20	1	9	1	8	0.34488E-01
40	20	1	447	1	446	0.34488E-01
41	21	1	9	1	8	0.34488E-01
42	21	1	447	1	446	0.34488E-01
43	22	1	9	1	8	0.34488E-01
44	22	1	447	1	446	0.34488E-01
45	23	1	9	1	8	0.34488E-01
46	23	1	447	1	446	0.34488E-01
47	24	1	9	1	8	0.34488E-01
48	24	1	447	1	446	0.34488E-01
49	25	1	9	1	8	0.34488E-01
50	25	1	447	1	446	0.34488E-01
51	26	1	9	1	8	0.34488E-01
52	26	1	447	1	446	0.34488E-01
53	27	1	9	1	8	0.34488E-01
54	27	1	447	1	446	0.34488E-01
55	28	1	9	1	8	0.34488E-01
56	28	1	447	1	446	0.34488E-01
57	29	1	9	1	8	0.34488E-01
58	29	1	447	1	446	0.34488E-01
59	30	1	9	1	8	0.34488E-01
60	30	1	447	1	446	0.34488E-01
61	31	1	9	1	8	0.34488E-01
62	31	1	447	1	446	0.34488E-01
63	32	1	9	1	8	0.34488E-01
64	32	1	447	1	446	0.34488E-01
65	33	1	9	1	8	0.34488E-01
66	33	1	447	1	446	0.34488E-01
67	34	1	447	1	446	0.34488E-01
68	35	1	447	1	446	0.34488E-01
69	36	1	447	1	446	0.34488E-01
70	37	1	447	1	446	0.34488E-01
71	38	1	447	1	446	0.34488E-01
72	39	1	447	1	446	0.34488E-01
73	40	1	447	1	446	0.34488E-01
74	41	1	447	1	446	0.34488E-01

74 HFB BARRIERS

1

STRESS PERIOD NO. 1, LENGTH = 24.00000

NUMBER OF TIME STEPS = 10

MULTIPLIER FOR DELT = 1.200

INITIAL TIME STEP SIZE = 0.9245459

SECTION_B_CASE_III_10_YEARS_NOD3

0 DRAINS

ET SURFACE = 480.000

EVAPOTRANSPIRATION RATE = 0.00000

EXTINCTION DEPTH = 0.00000

RECHARGE

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

SOLVING FOR HEAD

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-01
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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CELL CONVERSIONS FOR ITER.= 1 LAYER= 1 STEP= 1 PERIOD= 1 (ROW, COL)
DRY( 1, 1) DRY( 1, 2) DRY( 1, 3) DRY( 1, 4) DRY( 1, 5)
DRY( 1, 6) DRY( 1, 7) DRY( 1, 8) DRY( 1, 9) DRY( 1, 10)
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)

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SECTION_B_CASE_III_10_YEARS_NOD3

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= 2 STEP= 1 PERIOD= 1 (ROW, COL)

DRY(1, 1) DRY(1, 2) DRY(1, 3) DRY(1, 4) DRY(1, 5)
 DRY(1, 6) DRY(1, 7) DRY(1, 8) DRY(1, 9) DRY(1, 10)
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 DRY(1,236) DRY(1,237) DRY(1,238) DRY(1,239) DRY(1,240)
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 DRY(1,251) DRY(1,252) DRY(1,253) DRY(1,254) DRY(1,255)
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 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)

SECTION_B_CASE_III_10_YEARS_NOD3

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= 3	STEP= 1	PERIOD= 1	(ROW, COL)
DRY(1, 1)	DRY(1, 2)	DRY(1, 3)	DRY(1, 4)	DRY(1, 5)	
DRY(1, 6)	DRY(1, 7)	DRY(1, 8)	DRY(1, 9)	DRY(1, 10)	
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)	

SECTION_B_CASE_III_10_YEARS_NOD3

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= 4	STEP= 1	PERIOD= 1	(ROW,COL)
DRY(1, 1)	DRY(1, 2)	DRY(1, 3)	DRY(1, 4)	DRY(1, 5)	
DRY(1, 6)	DRY(1, 7)	DRY(1, 8)	DRY(1, 9)	DRY(1, 10)	
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)	

SECTION_B_CASE_III_10_YEARS_NOD3

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= 5	STEP= 1	PERIOD= 1	(ROW, COL)
DRY(1, 1)	DRY(1, 2)	DRY(1, 3)	DRY(1, 4)	DRY(1, 5)	
DRY(1, 6)	DRY(1, 7)	DRY(1, 8)	DRY(1, 9)	DRY(1, 10)	
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)	

SECTION_B_CASE_III_10_YEARS_NOD3

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, 1)	DRY(1, 2)	DRY(1, 3)	DRY(1, 4)	DRY(1, 5)	
DRY(1, 6)	DRY(1, 7)	DRY(1, 8)	DRY(1, 9)	DRY(1, 10)	
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)	

SECTION_B_CASE_III_10_YEARS_NOD3

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, 1)	DRY(1, 2)	DRY(1, 3)	DRY(1, 4)	DRY(1, 5)	
DRY(1, 6)	DRY(1, 7)	DRY(1, 8)	DRY(1, 9)	DRY(1, 10)	
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)	

SECTION_B_CASE_III_10_YEARS_NOD3

DRY(1,496) DRY(1,497) DRY(1,498) DRY(1,499) DRY(1,500)

CELL CONVERSIONS	FOR ITER.= 1	LAYER= 9	STEP= 1	PERIOD= 1	(ROW,COL)
DRY(1, 1)	DRY(1, 2)	DRY(1, 3)	DRY(1, 4)	DRY(1, 5)	
DRY(1, 6)	DRY(1, 7)	DRY(1, 8)	DRY(1, 9)	DRY(1, 10)	
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)	
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)	

SECTION_B_CASE_III_10_YEARS_NOD3

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= 10	STEP= 1	PERIOD= 1	(ROW, COL)
DRY(1, 1)	DRY(1, 2)	DRY(1, 3)	DRY(1, 4)	DRY(1, 5)	
DRY(1, 6)	DRY(1, 7)	DRY(1, 8)	DRY(1, 9)	DRY(1, 10)	
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)	

SECTION_B_CASE_III_10_YEARS_NOD3

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= 12	STEP= 1	PERIOD= 1	(ROW, COL)
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)	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)	

SECTION_B_CASE_III_10_YEARS_NOD3

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(1,261)	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)	

SECTION_B_CASE_III_10_YEARS_NOD3

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= 22 STEP= 1 PERIOD= 1 (ROW,COL)
 DRY(1,493) DRY(1,494) DRY(1,495) DRY(1,496) DRY(1,497)
 DRY(1,498) DRY(1,499) DRY(1,500)

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

CELL CONVERSIONS FOR ITER.= 2 LAYER= 17 STEP= 1 PERIOD= 1 (ROW,COL)
 DRY(1,447) DRY(1,448) DRY(1,449) DRY(1,450)

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

CELL CONVERSIONS FOR ITER.= 2 LAYER= 19 STEP= 1 PERIOD= 1 (ROW,COL)
 DRY(1,462) DRY(1,463) DRY(1,464) DRY(1,465) DRY(1,466)
 DRY(1,467)

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

CELL CONVERSIONS FOR ITER.= 3 LAYER= 19 STEP= 1 PERIOD= 1 (ROW,COL)
 DRY(1,460) DRY(1,461)

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SECTION_B_CASE_III_10_YEARS_NOD3

DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
  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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
  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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
  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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
  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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

SECTION_B_CASE_III_10_YEARS_NOD3

```

-----
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-01
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

```

9 CALLS TO PCG ROUTINE FOR TIME STEP 1 IN STRESS PERIOD 1
68 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
MATRIX PRECONDITIONING TYPE = 1

```


SECTION_B_CASE_III_10_YEARS_NOD3

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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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
 5 CALLS TO PCG ROUTINE FOR TIME STEP 2 IN STRESS PERIOD 1
 40 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

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SECTION_B_CASE_III_10_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
5 CALLS TO PCG ROUTINE FOR TIME STEP 3 IN STRESS PERIOD 1
39 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 3, STRESS PERIOD 1
    
```

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

SECTION_B_CASE_III_10_YEARS_NOD3

```

-----
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-01
  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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
  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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
  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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
  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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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

```

SECTION_B_CASE_III_10_YEARS_NOD3
 PARAMETER OF POLYNOMIAL PRECOND. = 2 (2) OR IS CALCULATED : 2
 HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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
 8 CALLS TO PCG ROUTINE FOR TIME STEP 4 IN STRESS PERIOD 1
 71 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05

SECTION_B_CASE_III_10_YEARS_NOD3

PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SECTION_B_CASE_III_10_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10

SECTION_B_CASE_III_10_YEARS_NOD3

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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
12 CALLS TO PCG ROUTINE FOR TIME STEP 5 IN STRESS PERIOD 1
111 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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 1

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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

SECTION_B_CASE_III_10_YEARS_NOD3
HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SECTION_B_CASE_III_10_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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SECTION_B_CASE_III_10_YEARS_NOD3
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-01
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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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-01
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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SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

13 CALLS TO PCG ROUTINE FOR TIME STEP 6 IN STRESS PERIOD 1
121 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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 1

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
MATRIX PRECONDITIONING TYPE = 1

```

SECTION_B_CASE_III_10_YEARS_NOD3

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE =	0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL =	10

SECTION_B_CASE_III_10_YEARS_NOD3
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SECTION_B_CASE_III_10_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
11 CALLS TO PCG ROUTINE FOR TIME STEP 7 IN STRESS PERIOD 1
101 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000

```

SECTION_B_CASE_III_10_YEARS_NOD3

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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01

SECTION_B_CASE_III_10_YEARS_NOD3
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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
 9 CALLS TO PCG ROUTINE FOR TIME STEP 8 IN STRESS PERIOD 1
 81 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

SECTION_B_CASE_III_10_YEARS_NOD3

```

-----
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-01
  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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
  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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
  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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
  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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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

```

SECTION_B_CASE_III_10_YEARS_NOD3

```

PARAMETER OF POLYNOMIAL PRECOND. = 2 (2) OR IS CALCULATED :      2
      HEAD CHANGE CRITERION FOR CLOSURE =      0.10000E-01
      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
  
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

      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-01
      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
      10 CALLS TO PCG ROUTINE FOR TIME STEP 9 IN STRESS PERIOD 1
      82 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

      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-01
      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
  
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

      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-01
      RESIDUAL CHANGE CRITERION FOR CLOSURE =      0.86000E+05
  
```

SECTION_B_CASE_III_10_YEARS_NOD3

PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SECTION_B_CASE_III_10_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
9 CALLS TO PCG ROUTINE FOR TIME STEP 10 IN STRESS PERIOD 1
81 TOTAL ITERATIONS
    
```

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

HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL
1 -0.1913 (28, 1,474)	0 0.6743 (28, 1,479)	0 -0.3667 (28, 1,482)	0 0.5322 (28, 1,490)	0 1.058 (28, 1,473)
0 0.7688 (28, 1,454)	0 0.5607 (28, 1,463)	0 -0.2083 (28, 1,487)	0 -0.8013E-01 (28, 1,478)	0 -0.5808E-01 (28, 1,496)
1 0.4783E-01 (27, 1, 1)	0 0.2389E-01 (27, 1, 1)	0 -0.1140 (28, 1,449)	0 -0.2178 (28, 1,464)	0 -0.1613 (28, 1,479)
0 -0.1880 (28, 1,455)	0 -0.2575 (28, 1,449)	0 -0.1624 (28, 1,468)	0 0.1351 (28, 1,472)	0 -0.4719E-01 (28, 1,475)
1 0.2053E-01 (28, 1,460)	0 -0.7149E-01 (28, 1,473)	0 -0.6282E-01 (28, 1,453)	0 0.1019 (28, 1,449)	0 0.8077E-01 (27, 1, 1)
0 0.8265E-01 (28, 1,488)	0 0.1227 (28, 1,449)	0 0.1398 (28, 1,449)	0 0.8281E-01 (28, 1,494)	0 0.4349E-01 (28, 1,470)
1 -0.1884E-01 (28, 1,472)	0 -0.3997E-01 (28, 1,472)	0 -0.7355E-01 (28, 1,453)	0 -0.5120E-01 (28, 1,482)	0 -0.5538E-01 (28, 1,484)

SECTION_B_CASE_III_10_YEARS_NOD3

```

0 -0.7209E-01 0 -0.1728 0 -0.2450 0 -0.1298 0 0.5810E-01
  ( 28, 1,460) ( 28, 1,449) ( 28, 1,449) ( 28, 1,466) ( 28, 1,474)
1 -0.1896E-01 0 0.7097E-01 0 0.7927E-01 0 0.1230 0 0.4799E-01
  ( 28, 1,474) ( 28, 1,449) ( 28, 1,449) ( 28, 1,449) ( 28, 1,460)
0 0.5152E-01 0 0.7184E-01 0 0.9367E-01 0 0.5378E-01 0 -0.6522E-01
  ( 28, 1,477) ( 28, 1,454) ( 28, 1,453) ( 28, 1,463) ( 28, 1,455)
1 -0.4522E-01 0 0.1076E-01 0 -0.3872E-01 0 -0.3260E-01 0 -0.4886E-01
  ( 28, 1,464) ( 28, 1,478) ( 28, 1,452) ( 28, 1,463) ( 28, 1,485)
0 0.3488E-01 0 -0.9340E-01 0 0.1527 0 0.2551 0 0.1260
  ( 28, 1,479) ( 28, 1,474) ( 27, 1, 1) ( 28, 1,454) ( 28, 1,459)
1 0.2082E-01 0 -0.7226E-01 0 -0.7547E-01 0 -0.4211E-01 0 -0.1834E-01
  ( 28, 1,469) ( 28, 1,495) ( 28, 1,454) ( 28, 1,466) ( 28, 1,489)
0 -0.2484E-01 0 0.3309E-01 0 0.1488E-01 0 0.1456E-01 0 -0.4444E-01
  ( 27, 1, 1) ( 28, 1,452) ( 27, 1, 1) ( 28, 1,471) ( 28, 1,459)
1 0.1047E-01 0 -0.3460E-01 0 -0.2959E-01 0 -0.2211E-01 0 0.1651E-01
  ( 28, 1,481) ( 28, 1,495) ( 28, 1,454) ( 29, 1,455) ( 28, 1,457)
0 0.1937E-01 0 0.3220E-01 0 0.3430E-01 0 0.4086E-01 0 -0.2733E-01
  ( 28, 1,482) ( 28, 1,468) ( 27, 1, 1) ( 28, 1,452) ( 28, 1,460)
1 0.9739E-02
  ( 28, 1,460)

```

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

RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL
1 -2.870 (28, 1,474)	0 -8.824 (21, 1,480)	0 9.451 (28, 1,449)	0 8.882 (19, 1,454)	0 10.48 (28, 1,470)
0 6.480 (28, 1,449)	0 -5.935 (24, 1,448)	0 -5.688 (24, 1,448)	0 -5.612 (24, 1,448)	0 -5.515 (24, 1,448)
1 -3.045 (24, 1,448)	0 -3.055 (24, 1,448)	0 -3.127 (23, 1,448)	0 -2.483 (21, 1,448)	0 -2.920 (27, 1,449)
0 -5.036 (26, 1,449)	0 -7.770 (26, 1,449)	0 9.014 (26, 1,450)	0 9.391 (26, 1,450)	0 9.286 (26, 1,450)
1 4.701 (26, 1,450)	0 4.321 (26, 1,450)	0 -3.677 (26, 1,449)	0 -2.579 (26, 1,449)	0 -1.907 (26, 1,277)
0 -1.867 (26, 1,277)	0 1.827 (20, 1,448)	0 4.455 (26, 1,449)	0 5.231 (26, 1,449)	0 5.524 (26, 1,449)
1 -1.725 (26, 1,277)	0 -1.720 (26, 1,277)	0 -1.710 (26, 1,277)	0 -1.698 (26, 1,277)	0 -1.679 (26, 1,277)
0 -1.658 (26, 1,277)	0 2.961 (27, 1,447)	0 -5.453 (27, 1,449)	0 -6.847 (27, 1,449)	0 -7.185 (27, 1,449)
1 3.715 (26, 1,450)	0 3.075 (26, 1,450)	0 -2.262 (26, 1,449)	0 -1.454 (26, 1,277)	0 -1.453 (26, 1,277)
0 -1.451 (26, 1,277)	0 -1.448 (26, 1,277)	0 1.819 (27, 1,449)	0 2.005 (27, 1,449)	0 -2.279 (26, 1,450)
1 -1.434 (26, 1,277)	0 -1.434 (26, 1,277)	0 -1.431 (26, 1,277)	0 -1.426 (26, 1,277)	0 -1.419 (26, 1,277)
0 -1.412 (26, 1,277)	0 1.483 (20, 1,474)	0 1.989 (21, 1,475)	0 -3.185 (26, 1,456)	0 3.709 (26, 1,454)
1 2.082 (26, 1,454)	0 1.563 (26, 1,454)	0 -1.111 (26, 1,277)	0 -1.101 (26, 1,277)	0 -1.097 (26, 1,277)
0 -1.091 (26, 1,277)	0 -1.078 (26, 1,277)	0 -1.074 (26, 1,277)	0 -1.064 (26, 1,277)	0 -0.9885 (26, 1,277)
1 -1.044 (26, 1,277)	0 -1.041 (26, 1,277)	0 -1.035 (26, 1,277)	0 -1.031 (26, 1,277)	0 -1.026 (26, 1,277)
0 -1.020 (26, 1,277)	0 -1.000 (26, 1,277)	0 -0.9802 (26, 1,277)	0 -0.9346 (26, 1,277)	0 1.066 (20, 1,461)
1 -0.9650 (26, 1,277)				

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

TOTAL BUDGET PRINTOUT FLAG = 1

SECTION_B_CASE_III_10_YEARS_NOD3

 NUMBER OF TIME STEPS = 10
 MULTIPLIER FOR DELT = 1.200
 INITIAL TIME STEP SIZE = 0.2696592

0 DRAINS

ET SURFACE = 480.000
 EVAPOTRANSPIRATION RATE = 0.00000
 EXTINCTION DEPTH = 0.00000

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

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10

SECTION_B_CASE_III_10_YEARS_NOD3
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

3 CALLS TO PCG ROUTINE FOR TIME STEP 1 IN STRESS PERIOD 2
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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SECTION_B_CASE_III_10_YEARS_NOD3

DAMPING PARAMETER = 0.60000E+00
 3 CALLS TO PCG ROUTINE FOR TIME STEP 2 IN STRESS PERIOD 2
 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SECTION_B_CASE_III_10_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
6 CALLS TO PCG ROUTINE FOR TIME STEP 3 IN STRESS PERIOD 2
43 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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 2

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

SECTION_B_CASE_III_10_YEARS_NOD3
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-01
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

```

SOLUTION BY THE CONJUGATE--GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE--GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE--GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE--GRADIENT METHOD

```

-----
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

```

SECTION_B_CASE_III_10_YEARS_NOD3
 HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
 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
 5 CALLS TO PCG ROUTINE FOR TIME STEP 4 IN STRESS PERIOD 2
 36 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10

SECTION_B_CASE_III_10_YEARS_NOD3
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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
 5 CALLS TO PCG ROUTINE FOR TIME STEP 5 IN STRESS PERIOD 2
 34 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SECTION_B_CASE_III_10_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000

SECTION_B_CASE_III_10_YEARS_NOD3
 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-01
 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
 6 CALLS TO PCG ROUTINE FOR TIME STEP 6 IN STRESS PERIOD 2
 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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

SECTION_B_CASE_III_10_YEARS_NOD3
 PARAMETER OF POLYNOMIAL PRECOND. = 2 (2) OR IS CALCULATED : 2
 HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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
 6 CALLS TO PCG ROUTINE FOR TIME STEP 7 IN STRESS PERIOD 2
 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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

SECTION_B_CASE_III_10_YEARS_NOD3

SOLVING FOR HEAD

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-01
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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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-01
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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SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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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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-01
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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SECTION_B_CASE_III_10_YEARS_NOD3

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-01
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
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
6 CALLS TO PCG ROUTINE FOR TIME STEP 8 IN STRESS PERIOD 2
43 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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SECTION_B_CASE_III_10_YEARS_NOD3
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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

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SECTION_B_CASE_III_10_YEARS_NOD3
 HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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
 8 CALLS TO PCG ROUTINE FOR TIME STEP 9 IN STRESS PERIOD 2
 56 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10

SECTION_B_CASE_III_10_YEARS_NOD3
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SECTION_B_CASE_III_10_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
MATRIX PRECONDITIONING TYPE = 1

SECTION_B_CASE_III_10_YEARS_NOD3

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-01
 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
 10 CALLS TO PCG ROUTINE FOR TIME STEP 10 IN STRESS PERIOD 2
 86 TOTAL ITERATIONS

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

HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL
1 -0.3962E-01 (28, 1,466)	0 0.3608 (27, 1, 1)	0 0.4991 (27, 1, 10)	0 -0.1140 (28, 1,460)	0 -0.2261 (28, 1,497)
0 0.1530 (28, 1,492)	0 -0.2041 (28, 1,453)	0 -0.9117E-01 (28, 1,489)	0 -0.3545 (27, 1, 10)	0 0.9874E-01 (28, 1,461)
1 -0.3474E-01 (28, 1,468)	0 0.5683E-01 (28, 1,460)	0 -0.3120E-01 (28, 1,482)	0 0.6049E-01 (28, 1,450)	0 0.3629E-01 (27, 1, 9)
0 0.4189E-01 (28, 1,482)	0 0.4892E-01 (27, 1, 1)	0 -0.5831E-01 (28, 1,462)	0 -0.5793E-01 (32, 1, 1)	0 -0.9278E-01 (27, 1, 10)
1 -0.1921E-01 (28, 1,467)	0 0.4858E-01 (28, 1,460)	0 0.3341E-01 (28, 1,471)	0 0.3972E-01 (28, 1,452)	0 -0.3707E-01 (28, 1,493)
0 -0.5397E-01 (33, 1,450)	0 -0.4833E-01 (28, 1,484)	0 -0.7993E-01 (27, 1, 1)	0 -0.8502E-01 (28, 1,463)	0 -0.9146E-01 (28, 1,453)
1 -0.1943E-01 (28, 1,466)	0 0.2887E-01 (28, 1,479)	0 0.4845E-01 (28, 1,462)	0 0.4356E-01 (28, 1,454)	0 0.3087E-01 (28, 1,472)
0 -0.2436E-01 (28, 1,481)	0 0.4211E-01 (28, 1,492)	0 0.4347E-01 (28, 1,477)	0 -0.4534E-01 (32, 1, 1)	0 -0.3793E-01 (28, 1,460)
1 -0.1475E-01 (28, 1,467)	0 0.2615E-01 (28, 1,460)	0 0.2717E-01 (32, 1, 1)	0 0.2788E-01 (28, 1,452)	0 -0.2287E-01 (28, 1,458)
0 0.3314E-01 (28, 1,452)	0 0.4308E-01 (28, 1,495)	0 -0.6531E-01 (27, 1, 1)	0 -0.8571E-01 (28, 1,496)	0 -0.6007E-01 (28, 1,481)
1 -0.2038E-01 (28, 1,469)	0 0.3328E-01 (28, 1,480)	0 0.4353E-01 (30, 1,472)	0 0.4222E-01 (28, 1,454)	0 -0.2225E-01 (28, 1,494)
0 0.2452E-01 (28, 1,487)	0 0.2597E-01 (28, 1,458)	0 0.2906E-01 (28, 1,476)	0 0.3406E-01 (27, 1, 1)	0 -0.2929E-01 (27, 1, 1)
1 -0.1116E-01 (28, 1,467)	0 0.2343E-01 (28, 1,459)	0 -0.1811E-01 (27, 1, 2)	0 0.2117E-01 (28, 1,453)	0 0.1733E-01 (28, 1,480)
0 0.2226E-01 (28, 1,481)	0 0.3141E-01 (28, 1,463)	0 -0.4190E-01 (28, 1,452)	0 0.8905E-01 (30, 1,450)	0 0.5030E-01 (28, 1,485)
1 -0.1050E-01 (28, 1,467)	0 -0.2201E-01 (28, 1,487)	0 -0.3813E-01 (31, 1,450)	0 0.2674E-01 (32, 1, 1)	0 -0.1543E-01 (28, 1,493)
0 -0.1461E-01 (28, 1,463)	0 -0.1828E-01 (28, 1,482)	0 -0.1943E-01 (28, 1,454)	0 -0.1115E-01 (28, 1,470)	0 0.4630E-01 (28, 1,465)
1 -0.1303E-01 (28, 1,467)	0 0.2097E-01 (28, 1,490)	0 0.1224E-01 (28, 1,462)	0 0.1525E-01 (27, 1, 1)	0 0.9910E-02 (28, 1,453)
1 -0.6230E-02 (28, 1,466)				

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

RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL
1 -1.386 (25, 1, 10)	0 5.603 (26, 1, 1)	0 19.70 (25, 1, 10)	0 21.00 (25, 1, 10)	0 23.07 (25, 1, 10)
0 23.49 (25, 1, 10)	0 22.50 (25, 1, 10)	0 20.57 (25, 1, 10)	0 10.48 (25, 1, 10)	0 7.982 (25, 1, 10)
1 4.043 (25, 1, 10)	0 3.706 (25, 1, 10)	0 3.310 (25, 1, 10)	0 2.308 (25, 1, 10)	0 -1.763 (25, 1, 11)
0 -1.213 (25, 1, 11)	0 1.097 (26, 1, 9)	0 -3.154 (25, 1, 10)	0 -4.203 (25, 1, 10)	0 -6.473 (25, 1, 10)

SECTION_B_CASE_III_10_YEARS_NOD3

```

1 -2.240      0 -2.040      0 -1.769      0 -1.382      0 -0.9887
  ( 25, 1, 10) ( 25, 1, 10) ( 25, 1, 10) ( 25, 1, 10) ( 25, 1, 10)
0 -0.8367     0  1.505      0  2.938      0  4.972      0  6.351
  ( 21, 1, 481) ( 25, 1, 10) ( 25, 1, 10) ( 25, 1, 10) ( 25, 1, 10)
1  2.850      0  2.657      0  2.066      0  1.555      0  1.057
  ( 25, 1, 10) ( 25, 1, 10) ( 25, 1, 10) ( 25, 1, 10) ( 25, 1, 10)
0 -0.6415     0 -0.7279     0 -1.613     0 -2.113     0 -3.129
  ( 23, 1, 11)  ( 27, 1, 447) ( 25, 1, 10) ( 25, 1, 10) ( 25, 1, 10)
1 -0.7061     0 -0.6538     0 -0.5734     0 -0.4178     0 -0.4155
  ( 25, 1, 10) ( 25, 1, 10) ( 25, 1, 10) ( 26, 1, 277) ( 26, 1, 277)
0 -0.8889     0 -0.9931     0  1.717      0  3.692      0  4.303
  ( 19, 1, 453) ( 19, 1, 453) ( 25, 1, 10) ( 25, 1, 10) ( 25, 1, 10)
1  2.204      0  2.059      0  1.488      0  1.125      0  0.8496
  ( 25, 1, 10) ( 25, 1, 10) ( 25, 1, 10) ( 25, 1, 10) ( 25, 1, 10)
0  0.6047     0  0.4633     0  0.5688     0 -0.5922     0 -1.361
  ( 25, 1, 10) ( 26, 1, 449) ( 26, 1, 449) ( 26, 1, 451) ( 25, 1, 10)
1  0.4506     0 -0.3430     0 -0.3424     0 -0.3402     0 -0.3380
  ( 27, 1, 447) ( 26, 1, 277) ( 26, 1, 277) ( 26, 1, 277) ( 26, 1, 277)
0 -0.3970     0 -0.5649     0 -0.8683     0  1.725      0 -1.897
  ( 21, 1, 482) ( 20, 1, 464) ( 27, 1, 447) ( 26, 1, 449) ( 26, 1, 451)
1 -1.091      0 -0.7864     0 -0.4995     0 -0.2967     0 -0.2860
  ( 26, 1, 451) ( 26, 1, 451) ( 27, 1, 447) ( 27, 1, 447) ( 26, 1, 277)
0 -0.2851     0 -0.2834     0 -0.3807     0 -0.4055     0  0.8953
  ( 26, 1, 277) ( 26, 1, 277) ( 26, 1, 449) ( 26, 1, 449) ( 25, 1, 10)
1  0.3664     0  0.3054     0 -0.2616     0 -0.2607     0 -0.2599
  ( 20, 1, 463) ( 25, 1, 10) ( 26, 1, 277) ( 26, 1, 277) ( 26, 1, 277)
1 -0.2612
  ( 26, 1, 277)

```

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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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	"	ET"		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 =	425.7517	STORAGE =	0.0000
CONSTANT HEAD =	0.0000	CONSTANT HEAD =	0.0000
DRAINS =	0.0000	DRAINS =	0.0000

SECTION_B_CASE_III_10_YEARS_NOD3

ET =	0.0000	ET =	0.0000
RECHARGE =	68044.0469	RECHARGE =	2088.7864
TOTAL IN =	68469.7969	TOTAL IN =	2088.7864
OUT:		OUT:	
----		----	
STORAGE =	59625.4844	STORAGE =	1785.5276
CONSTANT HEAD =	0.0000	CONSTANT HEAD =	0.0000
DRAINS =	0.0000	DRAINS =	0.0000
ET =	0.0000	ET =	0.0000
RECHARGE =	0.0000	RECHARGE =	0.0000
TOTAL OUT =	59625.4844	TOTAL OUT =	1785.5276
IN - OUT =	8844.3125	IN - OUT =	303.2588
PERCENT DISCREPANCY =	13.81	PERCENT DISCREPANCY =	15.65

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
STRESS PERIOD TIME	2.20903E+08	3.68172E+06	61362.	2556.8	7.0000
TOTAL TIME	9.78286E+08	1.63048E+07	2.71746E+05	11323.	31.000

1
1

STRESS PERIOD NO. 3, LENGTH = 21.00000

NUMBER OF TIME STEPS = 10

MULTIPLIER FOR DELT = 1.200

INITIAL TIME STEP SIZE = 0.8089777

0 DRAINS

ET SURFACE = 480.000

EVAPOTRANSPIRATION RATE = 0.00000

EXTINCTION DEPTH = 0.00000

RECHARGE

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

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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

SECTION_B_CASE_III_10_YEARS_NOD3
HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SECTION_B_CASE_III_10_YEARS_NOD3

5 CALLS TO PCG ROUTINE FOR TIME STEP 1 IN STRESS PERIOD 3
 36 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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 3

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
    
```

SECTION_B_CASE_III_10_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
5 CALLS TO PCG ROUTINE FOR TIME STEP 2 IN STRESS PERIOD 3
36 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

SECTION_B_CASE_III_10_YEARS_NOD3

```
-----  
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-01  
  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
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```
-----  
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-01  
  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
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```
-----  
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-01  
  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
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```
-----  
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-01  
  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
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```
-----  
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
```

SECTION_B_CASE_III_10_YEARS_NOD3
PARAMETER OF POLYNOMIAL PRECOND. = 2 (2) OR IS CALCULATED : 2
HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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
8 CALLS TO PCG ROUTINE FOR TIME STEP 3 IN STRESS PERIOD 3
56 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05

SECTION_B_CASE_III_10_YEARS_NOD3

PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SECTION_B_CASE_III_10_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
6 CALLS TO PCG ROUTINE FOR TIME STEP 4 IN STRESS PERIOD 3
43 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

SECTION_B_CASE_III_10_YEARS_NOD3
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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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

SECTION_B_CASE_III_10_YEARS_NOD3
 HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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
 8 CALLS TO PCG ROUTINE FOR TIME STEP 5 IN STRESS PERIOD 3
 71 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10

SECTION_B_CASE_III_10_YEARS_NOD3
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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
5 CALLS TO PCG ROUTINE FOR TIME STEP 6 IN STRESS PERIOD 3
41 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 3

SOLVING FOR HEAD

SECTION_B_CASE_III_10_YEARS_NOD3

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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000

```

SECTION_B_CASE_III_10_YEARS_NOD3

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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01

SECTION_B_CASE_III_10_YEARS_NOD3
 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
 9 CALLS TO PCG ROUTINE FOR TIME STEP 7 IN STRESS PERIOD 3
 81 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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 3

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SECTION_B_CASE_III_10_YEARS_NOD3

DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
  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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
  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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
  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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
  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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

SECTION_B_CASE_III_10_YEARS_NOD3

```

-----
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-01
  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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
  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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
  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
10 CALLS TO PCG ROUTINE FOR TIME STEP 8 IN STRESS PERIOD 3
91 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10

```

SECTION_B_CASE_III_10_YEARS_NOD3

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-01
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

SOLUTION BY THE CONJUGATE--GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE--GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE--GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE--GRADIENT METHOD

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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE =	0.86000E+05

SECTION_B_CASE_III_10_YEARS_NOD3

PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

9 CALLS TO PCG ROUTINE FOR TIME STEP 9 IN STRESS PERIOD 3
 81 TOTAL ITERATIONS

SECTION_B_CASE_III_10_YEARS_NOD3

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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
  
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
  
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
  
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

SECTION_B_CASE_III_10_YEARS_NOD3
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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

```

SECTION_B_CASE_III_10_YEARS_NOD3
 HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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
 9 CALLS TO PCG ROUTINE FOR TIME STEP 10 IN STRESS PERIOD 3
 81 TOTAL ITERATIONS

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

HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL
1 0.7305E-01 (28, 1,468)	0 -0.2812 (28, 1,462)	0 0.3922 (28, 1,467)	0 0.5435 (28, 1,487)	0 0.4561 (28, 1,459)
0 0.8069 (28, 1,474)	0 -0.3913 (27, 1, 1)	0 0.4178 (28, 1,463)	0 0.3090 (28, 1,482)	0 -0.1180 (28, 1,465)
1 0.5351E-01 (28, 1,469)	0 -0.1643 (28, 1,482)	0 -0.1737 (28, 1,496)	0 -0.1561 (28, 1,454)	0 -0.1348 (28, 1,475)
0 -0.6658E-01 (28, 1,459)	0 -0.8696E-01 (28, 1,489)	0 -0.6713E-01 (28, 1,467)	0 -0.9914E-01 (28, 1,449)	0 -0.1706E-01 (29, 1,469)
1 0.2540E-01 (28, 1,469)	0 -0.8677E-01 (28, 1,483)	0 -0.7277E-01 (28, 1,496)	0 -0.6046E-01 (28, 1,473)	0 -0.5196E-01 (28, 1,491)
0 -0.1611 (29, 1,454)	0 -0.1725 (28, 1,465)	0 -0.1109 (28, 1,491)	0 -0.1582 (28, 1,449)	0 -0.1463 (28, 1,449)
1 0.2310E-01 (28, 1,468)	0 0.9757E-01 (28, 1,449)	0 -0.8082E-01 (32, 1, 1)	0 0.7670E-01 (28, 1,479)	0 0.7059E-01 (28, 1,449)
0 0.7797E-01 (28, 1,489)	0 0.6914E-01 (28, 1,474)	0 0.9686E-01 (28, 1,449)	0 0.4038E-01 (28, 1,494)	0 0.5428E-01 (28, 1,464)
1 -0.3733E-01 (28, 1,463)	0 -0.2052E-01 (28, 1,463)	0 0.5403E-01 (28, 1,468)	0 0.4716E-01 (27, 1, 1)	0 -0.3966E-01 (28, 1,493)
0 -0.1039 (32, 1, 1)	0 -0.2680 (28, 1,481)	0 0.1290 (28, 1,472)	0 0.2292 (28, 1,453)	0 0.1034 (28, 1,479)
1 -0.2848E-01 (28, 1,468)	0 0.5254E-01 (28, 1,478)	0 0.4605E-01 (28, 1,492)	0 0.3334E-01 (28, 1,470)	0 0.4295E-01 (28, 1,450)
0 0.1977E-01 (28, 1,485)	0 0.4916E-01 (28, 1,454)	0 0.3430E-01 (27, 1, 1)	0 0.2064E-01 (28, 1,463)	0 -0.1185E-01 (28, 1,471)
1 -0.1090E-01 (28, 1,466)	0 -0.2655E-01 (28, 1,485)	0 -0.2110E-01 (27, 1, 1)	0 -0.1716E-01 (28, 1,497)	0 0.1298E-01 (28, 1,454)
0 0.2690E-01 (28, 1,484)	0 0.7455E-01 (28, 1,470)	0 0.1108 (28, 1,495)	0 0.9245E-01 (28, 1,478)	0 -0.5959E-01 (28, 1,482)
1 0.1047E-01 (28, 1,471)	0 -0.3672E-01 (28, 1,485)	0 -0.3551E-01 (27, 1, 1)	0 -0.3451E-01 (28, 1,454)	0 -0.1850E-01 (28, 1,480)
0 -0.2599E-01 (28, 1,458)	0 0.1290E-01 (28, 1,474)	0 0.2330E-01 (30, 1,456)	0 0.2074E-01 (28, 1,466)	0 0.1398E-01 (28, 1,469)
1 0.9354E-02 (28, 1,451)				

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

SECTION_B_CASE_III_10_YEARS_NOD3

RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL
1 -0.8322 (20, 1, 473)	0 4.260 (20, 1, 463)	0 -5.951 (20, 1, 469)	0 -8.224 (28, 1, 452)	0 -9.715 (26, 1, 451)
0 -14.87 (26, 1, 451)	0 -16.37 (19, 1, 450)	0 13.95 (27, 1, 449)	0 12.31 (27, 1, 449)	0 -11.16 (27, 1, 447)
1 6.397 (27, 1, 449)	0 -5.483 (27, 1, 447)	0 3.618 (27, 1, 449)	0 -2.104 (27, 1, 451)	0 -1.361 (26, 1, 450)
0 1.140 (20, 1, 474)	0 1.150 (24, 1, 447)	0 1.623 (27, 1, 447)	0 1.949 (26, 1, 451)	0 2.042 (19, 1, 450)
1 -1.661 (27, 1, 447)	0 -1.200 (27, 1, 447)	0 -0.9561 (19, 1, 450)	0 -0.7511 (26, 1, 261)	0 0.8647 (20, 1, 474)
0 2.006 (19, 1, 454)	0 4.071 (27, 1, 447)	0 5.074 (27, 1, 447)	0 5.743 (27, 1, 447)	0 -6.734 (23, 1, 448)
1 -3.498 (23, 1, 448)	0 2.741 (27, 1, 447)	0 2.220 (27, 1, 447)	0 -1.144 (26, 1, 448)	0 0.9260 (28, 1, 459)
0 -0.9676 (26, 1, 451)	0 -1.500 (26, 1, 451)	0 2.410 (27, 1, 449)	0 -2.437 (27, 1, 447)	0 -2.761 (27, 1, 447)
1 -0.7174 (26, 1, 262)	0 -0.7171 (26, 1, 262)	0 -0.7140 (26, 1, 262)	0 -0.7111 (26, 1, 262)	0 -0.8378 (20, 1, 459)
0 -1.272 (26, 1, 1)	0 -3.701 (19, 1, 449)	0 4.494 (19, 1, 455)	0 -3.370 (26, 1, 449)	0 3.425 (26, 1, 451)
1 2.020 (26, 1, 451)	0 1.761 (26, 1, 451)	0 1.478 (26, 1, 451)	0 -1.168 (26, 1, 449)	0 -0.6959 (26, 1, 449)
0 -0.5059 (26, 1, 449)	0 -0.4688 (26, 1, 262)	0 -0.5699 (26, 1, 451)	0 -0.7376 (26, 1, 451)	0 -0.8012 (26, 1, 451)
1 -0.4680 (26, 1, 262)	0 -0.4679 (26, 1, 262)	0 -0.4676 (26, 1, 262)	0 -0.4672 (26, 1, 262)	0 -0.4667 (26, 1, 262)
0 -0.4651 (26, 1, 262)	0 0.9173 (26, 1, 449)	0 2.164 (26, 1, 449)	0 3.328 (26, 1, 449)	0 3.706 (26, 1, 449)
1 2.072 (26, 1, 449)	0 1.509 (26, 1, 449)	0 0.9791 (26, 1, 449)	0 -0.7176 (26, 1, 448)	0 -0.6056 (26, 1, 448)
0 0.4793 (27, 1, 447)	0 0.4770 (27, 1, 447)	0 0.5332 (26, 1, 451)	0 0.6428 (26, 1, 451)	0 0.6834 (26, 1, 451)
1 0.5290 (26, 1, 449)				

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 "		ET"	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

SECTION_B_CASE_III_10_YEARS_NOD3

CUMULATIVE VOLUMES	L**3	RATES FOR THIS TIME STEP	L**3/T
IN:		IN:	
STORAGE =	425.7517	STORAGE =	0.0000
CONSTANT HEAD =	0.0000	CONSTANT HEAD =	0.0000
DRAINS =	0.0000	DRAINS =	0.0000
ET =	0.0000	ET =	0.0000
RECHARGE =	111908.5625	RECHARGE =	2088.7864
TOTAL IN =	112334.3125	TOTAL IN =	2088.7864
OUT:		OUT:	
STORAGE =	96694.4219	STORAGE =	1849.1353
CONSTANT HEAD =	0.0000	CONSTANT HEAD =	0.0000
DRAINS =	0.0000	DRAINS =	0.0000
ET =	0.0000	ET =	0.0000
RECHARGE =	0.0000	RECHARGE =	0.0000
TOTAL OUT =	96694.4219	TOTAL OUT =	1849.1353
IN - OUT =	15639.8906	IN - OUT =	239.6511
PERCENT DISCREPANCY =	14.96	PERCENT DISCREPANCY =	12.17

	SECONDS	MINUTES	HOURS	DAYS	YEARS
TIME SUMMARY AT END OF TIME STEP 10 IN STRESS PERIOD 3					
TIME STEP LENGTH	1.31726E+08	2.19544E+06	36591.	1524.6	4.1741
STRESS PERIOD TIME	6.62710E+08	1.10452E+07	1.84086E+05	7670.3	21.000
TOTAL TIME	1.64100E+09	2.73499E+07	4.55832E+05	18993.	52.000

1
1

STRESS PERIOD NO. 4, LENGTH = 9.000000

NUMBER OF TIME STEPS = 10
 MULTIPLIER FOR DELT = 1.200
 INITIAL TIME STEP SIZE = 0.3467047

0 DRAINS

ET SURFACE = 480.000
 EVAPOTRANSPIRATION RATE = 0.00000
 EXTINCTION DEPTH = 0.00000

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

SOLVING FOR HEAD

SECTION_B_CASE_III_10_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
    
```

3 CALLS TO PCG ROUTINE FOR TIME STEP 1 IN STRESS PERIOD 4
 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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

SECTION_B_CASE_III_10_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10

```

SECTION_B_CASE_III_10_YEARS_NOD3

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-01
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
5 CALLS TO PCG ROUTINE FOR TIME STEP 2 IN STRESS PERIOD 4
41 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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

SECTION_B_CASE_III_10_YEARS_NOD3
 HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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
 5 CALLS TO PCG ROUTINE FOR TIME STEP 3 IN STRESS PERIOD 4
 41 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10

SECTION_B_CASE_III_10_YEARS_NOD3
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SECTION_B_CASE_III_10_YEARS_NOD3

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-01
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
6 CALLS TO PCG ROUTINE FOR TIME STEP 4 IN STRESS PERIOD 4
51 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 4

```

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000

```

SECTION_B_CASE_III_10_YEARS_NOD3

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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

5 CALLS TO PCG ROUTINE FOR TIME STEP 5 IN STRESS PERIOD 4
 33 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 4

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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

SECTION_B_CASE_III_10_YEARS_NOD3
PARAMETER OF POLYNOMIAL PRECOND. = 2 (2) OR IS CALCULATED : 2
HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SECTION_B_CASE_III_10_YEARS_NOD3

DAMPING PARAMETER = 0.60000E+00
 5 CALLS TO PCG ROUTINE FOR TIME STEP 6 IN STRESS PERIOD 4
 41 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SECTION_B_CASE_III_10_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
6 CALLS TO PCG ROUTINE FOR TIME STEP 7 IN STRESS PERIOD 4
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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

SECTION_B_CASE_III_10_YEARS_NOD3
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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

```

SECTION_B_CASE_III_10_YEARS_NOD3
 HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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
 8 CALLS TO PCG ROUTINE FOR TIME STEP 8 IN STRESS PERIOD 4
 65 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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

SECTION_B_CASE_III_10_YEARS_NOD3

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
2 CALLS TO PCG ROUTINE FOR TIME STEP 9 IN STRESS PERIOD 4
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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
    
```

SECTION_B_CASE_III_10_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000

```

SECTION_B_CASE_III_10_YEARS_NOD3

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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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
 9 CALLS TO PCG ROUTINE FOR TIME STEP 10 IN STRESS PERIOD 4
 81 TOTAL ITERATIONS

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

HEAD CHANGE LAYER,ROW,COL	HEAD CHANGE LAYER,ROW,COL	HEAD CHANGE LAYER,ROW,COL	HEAD CHANGE LAYER,ROW,COL	HEAD CHANGE LAYER,ROW,COL
1 -0.2152E-01 (28, 1,476)	0 -0.1129 (28, 1,489)	0 -0.2029 (28, 1,495)	0 -0.2965 (28, 1,461)	0 0.3066 (27, 1, 1)
0 -0.1851	0 0.1815	0 0.2018	0 0.2078	0 -0.1792

SECTION_B_CASE_III_10_YEARS_NOD3

```

( 28, 1,485) ( 28, 1,453) ( 28, 1,470) ( 28, 1,469) ( 28, 1,466)
1 0.6321E-01 0 -0.1124 0 -0.7182E-01 0 0.9974E-01 0 0.9548E-01
( 28, 1,466) ( 28, 1,488) ( 27, 1, 1) ( 28, 1,473) ( 28, 1,457)
0 0.5556E-01 0 0.1059 0 0.9722E-01 0 -0.5769E-01 0 0.1580E-01
( 28, 1,484) ( 27, 1, 11) ( 28, 1,496) ( 28, 1,458) ( 28, 1,469)
1 0.2307E-01 0 -0.5431E-01 0 -0.5155E-01 0 -0.6130E-01 0 0.3739E-01
( 28, 1,465) ( 28, 1,470) ( 27, 1, 1) ( 28, 1,461) ( 28, 1,457)
0 0.8892E-01 0 -0.1025 0 0.2765 0 0.1208 0 0.4643E-01
( 28, 1,485) ( 27, 1, 1) ( 28, 1,497) ( 28, 1,451) ( 28, 1,479)
1 0.5121E-01 0 -0.2129E-01 0 -0.1011 0 0.6800E-01 0 -0.5505E-01
( 28, 1,465) ( 28, 1,472) ( 28, 1,497) ( 27, 1, 1) ( 28, 1,481)
0 -0.5396E-01 0 -0.5678E-01 0 -0.4822E-01 0 -0.3812E-01 0 -0.4549E-01
( 28, 1,451) ( 28, 1,493) ( 28, 1,493) ( 28, 1,475) ( 28, 1,485)
1 0.1578E-01 0 -0.2834E-01 0 -0.4082E-01 0 0.5406E-01 0 -0.3034E-01
( 28, 1,467) ( 28, 1,478) ( 28, 1,497) ( 28, 1,493) ( 28, 1,488)
0 -0.3891E-01 0 -0.1058 0 0.9486E-01 0 -0.8152E-01 0 0.1334
( 27, 1, 1) ( 28, 1,472) ( 27, 1, 1) ( 27, 1, 1) ( 28, 1,482)
1 -0.1226E-01 0 0.3873E-01 0 0.3061E-01 0 0.6047E-01 0 0.2680E-01
( 28, 1,479) ( 28, 1,490) ( 28, 1,475) ( 28, 1,494) ( 28, 1,467)
0 -0.2648E-01 0 0.3526E-01 0 0.3101E-01 0 -0.2473E-01 0 -0.2766E-01
( 27, 1, 10) ( 28, 1,453) ( 27, 1, 1) ( 27, 1, 1) ( 28, 1,458)
1 -0.1415E-01 0 0.1325E-01 0 0.2485E-01 0 0.2921E-01 0 0.2432E-01
( 28, 1,478) ( 28, 1,484) ( 28, 1,474) ( 28, 1,493) ( 28, 1,465)
0 0.3861E-01 0 0.3085E-01 0 -0.7770E-01 0 0.7796E-01 0 0.4497E-01
( 28, 1,482) ( 28, 1,458) ( 27, 1, 10) ( 27, 1, 1) ( 28, 1,460)
1 -0.1067E-01 0 -0.2026E-01 0 -0.2841E-01 0 0.2523E-01 0 -0.2620E-01
( 28, 1,476) ( 28, 1,458) ( 28, 1,488) ( 28, 1,493) ( 28, 1,451)
0 0.2347E-01 0 -0.2226E-01 0 0.1934E-01 0 0.2040E-01 0 0.1974E-01
( 27, 1, 10) ( 28, 1,464) ( 27, 1, 1) ( 28, 1,497) ( 28, 1,481)
1 -0.4725E-02
( 28, 1,478)

```

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

RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL
1 1.704 (25, 1, 11)	0 -1.591 (23, 1,497)	0 3.046 (22, 1,490)	0 -6.190 (26, 1,448)	0 -10.36 (26, 1,448)
0 -13.60 (26, 1,448)	0 -14.91 (26, 1,448)	0 -15.59 (26, 1,448)	0 -15.39 (26, 1,448)	0 -14.03 (25, 1, 11)
1 -7.685 (25, 1, 11)	0 -6.721 (25, 1, 11)	0 -6.096 (25, 1, 11)	0 -4.821 (25, 1, 11)	0 -3.865 (25, 1, 11)
0 -3.223 (25, 1, 11)	0 1.546 (25, 1, 10)	0 2.647 (26, 1,448)	0 3.246 (26, 1,448)	0 3.325 (26, 1,448)
1 -2.083 (25, 1, 11)	0 -1.897 (25, 1, 11)	0 -1.645 (25, 1, 11)	0 -1.288 (25, 1, 11)	0 -0.9893 (25, 1, 11)
0 -1.225 (22, 1,485)	0 1.965 (25, 1, 11)	0 10.55 (25, 1, 11)	0 12.67 (25, 1, 11)	0 13.07 (25, 1, 11)
1 6.789 (25, 1, 11)	0 6.668 (25, 1, 11)	0 5.167 (25, 1, 11)	0 3.724 (25, 1, 11)	0 2.634 (25, 1, 11)
0 1.400 (24, 1, 11)	0 -1.316 (26, 1,448)	0 -1.800 (26, 1,448)	0 -2.161 (26, 1,448)	0 -2.554 (25, 1, 11)
1 1.258 (25, 1, 11)	0 1.203 (25, 1, 11)	0 1.016 (25, 1, 11)	0 0.6683 (25, 1, 11)	0 -0.7939 (28, 1,489)
0 -0.8729 (23, 1,494)	0 -2.839 (25, 1, 11)	0 -6.375 (25, 1, 11)	0 -9.435 (25, 1, 11)	0 -10.75 (25, 1, 11)
1 -5.897 (25, 1, 11)	0 -5.328 (25, 1, 11)	0 -4.556 (25, 1, 11)	0 -2.757 (25, 1, 11)	0 -2.046 (25, 1, 11)
0 -0.9591 (25, 1, 11)	0 0.7202 (26, 1,448)	0 0.9822 (25, 1, 11)	0 1.441 (25, 1, 11)	0 1.688 (25, 1, 11)
1 -1.323 (25, 1, 11)	0 -1.279 (25, 1, 11)	0 -1.046 (25, 1, 11)	0 -0.7965 (25, 1, 11)	0 0.4714 (22, 1,488)
0 0.6069 (20, 1,471)	0 1.232 (25, 1, 11)	0 4.673 (25, 1, 11)	0 6.168 (25, 1, 11)	0 6.998 (25, 1, 11)

SECTION_B_CASE_III_10_YEARS_NOD3
 1 3.599 0 3.325 0 2.689 0 1.846 0 1.201
 (25, 1, 11) (25, 1, 11) (25, 1, 11) (25, 1, 11) (25, 1, 11)
 0 -0.3327 0 -0.5151 0 -1.129 0 -1.561 0 -1.738
 (20, 1, 463) (24, 1, 11) (25, 1, 11) (25, 1, 11) (25, 1, 11)
 1 0.4164
 (25, 1, 11)

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 " ET" 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 = 425.7517 STORAGE = 3.6807E-06
 CONSTANT HEAD = 0.0000 CONSTANT HEAD = 0.0000
 DRAINS = 0.0000 DRAINS = 0.0000
 ET = 0.0000 ET = 0.0000
 RECHARGE = 130707.6484 RECHARGE = 2088.7864
 TOTAL IN = 131133.4062 TOTAL IN = 2088.7864
 OUT: OUT:
 --- ---
 STORAGE = 112181.8438 STORAGE = 1751.1302
 CONSTANT HEAD = 0.0000 CONSTANT HEAD = 0.0000
 DRAINS = 0.0000 DRAINS = 0.0000
 ET = 0.0000 ET = 0.0000
 RECHARGE = 0.0000 RECHARGE = 0.0000
 TOTAL OUT = 112181.8438 TOTAL OUT = 1751.1302
 IN - OUT = 18951.5625 IN - OUT = 337.6561
 PERCENT DISCREPANCY = 15.58 PERCENT DISCREPANCY = 17.59

SECTION_B_CASE_III_10_YEARS_NOD3

TIME SUMMARY AT END OF TIME STEP 10 IN STRESS PERIOD 4					
	SECONDS	MINUTES	HOURS	DAYS	YEARS
TIME STEP LENGTH	5.64540E+07	9.40901E+05	15682.	653.40	1.7889
STRESS PERIOD TIME	2.84018E+08	4.73364E+06	78894.	3287.2	9.0000
TOTAL TIME	1.92501E+09	3.20836E+07	5.34726E+05	22280.	61.000

1
1

STRESS PERIOD NO. 5, LENGTH = 69.00000

NUMBER OF TIME STEPS = 10

MULTIPLIER FOR DELT = 1.200

INITIAL TIME STEP SIZE = 2.658070

0 DRAINS

ET SURFACE = 480.000

EVAPOTRANSPIRATION RATE = 0.00000

EXTINCTION DEPTH = 0.00000

RECHARGE = 0.00000

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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SECTION_B_CASE_III_10_YEARS_NOD3
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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

```

SECTION_B_CASE_III_10_YEARS_NOD3
HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-01
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

SECTION_B_CASE_III_10_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
    
```

13 CALLS TO PCG ROUTINE FOR TIME STEP 1 IN STRESS PERIOD 5
 121 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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 5

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
    
```

SECTION_B_CASE_III_10_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
5 CALLS TO PCG ROUTINE FOR TIME STEP 2 IN STRESS PERIOD 5
41 TOTAL ITERATIONS

```

```

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

```

SECTION_B_CASE_III_10_YEARS_NOD3

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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 5

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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

```

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

```

SECTION_B_CASE_III_10_YEARS_NOD3

PARAMETER OF POLYNOMIAL PRECOND. = 2 (2) OR IS CALCULATED : 2
 HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
 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
 4 CALLS TO PCG ROUTINE FOR TIME STEP 3 IN STRESS PERIOD 5
 31 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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 5

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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
 1 CALLS TO PCG ROUTINE FOR TIME STEP 4 IN STRESS PERIOD 5
 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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 5

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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

SECTION_B_CASE_III_10_YEARS_NOD3
 HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
 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

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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
 2 CALLS TO PCG ROUTINE FOR TIME STEP 5 IN STRESS PERIOD 5
 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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 5

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 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-01
 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
 1 CALLS TO PCG ROUTINE FOR TIME STEP 6 IN STRESS PERIOD 5
 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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS

SOLVING FOR HEAD

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-01
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
1 CALLS TO PCG ROUTINE FOR TIME STEP 7 IN STRESS PERIOD 5
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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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 5

SOLVING FOR HEAD

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-01
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
1 CALLS TO PCG ROUTINE FOR TIME STEP 8 IN STRESS PERIOD 5
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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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 5

SECTION_B_CASE_III_10_YEARS_NOD3

SOLVING FOR HEAD

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-01
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
1 CALLS TO PCG ROUTINE FOR TIME STEP 9 IN STRESS PERIOD 5
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 PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN 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 5

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
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-01
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
1 CALLS TO PCG ROUTINE FOR TIME STEP 10 IN STRESS PERIOD 5
1 TOTAL ITERATIONS
    
```

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

HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL
1 -0.4904E-02 (28, 1,472)				

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

RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL

SECTION_B_CASE_III_10_YEARS_NOD3

1 1.093
(28, 1,447)

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 5
UBUDSV SAVING "  CONSTANT HEAD" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 5
UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT154 AT TIME STEP 10, STRESS PERIOD 5
UBUDSV SAVING "FLOW LOWER FACE " ON UNIT154 AT TIME STEP 10, STRESS PERIOD 5
UBUDSV SAVING "      ET" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 5
UBUDSV SAVING "      RECHARGE" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 5
  
```

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 10, STRESS PERIOD 5

HEAD WILL BE SAVED ON UNIT 150 AT END OF TIME STEP 10, STRESS PERIOD 5

DRAWDOWN WILL BE SAVED ON UNIT 151 AT END OF TIME STEP 10, STRESS PERIOD 5

1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 10 IN STRESS PERIOD 5

```

-----
CUMULATIVE VOLUMES      L**3      RATES FOR THIS TIME STEP      L**3/T
-----
      IN:
      ---
      STORAGE =      1079.2454
CONSTANT HEAD =      0.0000
      DRAINS =      0.0000
      ET =      0.0000
      RECHARGE =      130707.6484
      TOTAL IN =      131786.8906

      OUT:
      ----
      STORAGE =      112817.4062
CONSTANT HEAD =      0.0000
      DRAINS =      0.0000
      ET =      0.0000
      RECHARGE =      0.0000
      TOTAL OUT =      112817.4062
      IN - OUT =      18969.4844

PERCENT DISCREPANCY =      15.51
  
```

TIME SUMMARY AT END OF TIME STEP 10 IN STRESS PERIOD 5

		SECTION_B_CASE_III_10_YEARS_NOD3				
		SECONDS	MINUTES	HOURS	DAYS	YEARS

TIME	STEP LENGTH	4.32814E+08	7.21357E+06	1.20226E+05	5009.4	13.715
STRESS	PERIOD TIME	2.17747E+09	3.62912E+07	6.04854E+05	25202.	69.000
	TOTAL TIME	4.10249E+09	6.83748E+07	1.13958E+06	47483.	130.00

1