

HOLCYL.TC/LIB\$ 07/12/77 17:18:07 FTN - VER=751216 COMPILATION PAGE 1

SRC:HOLCYL.TC/LIB\$ LIST:OUT\$ REL:HOLCYL.TC
OPTIONS:SRC CARD

```
1.      C----- TEST EQUATION AGAINST HOL CYLINDER APPROXIMATION
2.      C
3.      PRINT 10
4.      10 FORMAT(1H1,'TEST PRISM EQUATION AGAINST HOLLOW CYLINDER')
5.      C-----
6.      100 CONTINUE
7.      READ(5,110,END=900) A, H, R
8.      C-----
9.      110 FORMAT( )
10.     C-----
11.     DEN = 1.0
12.     P = 0.5*A
13.     C      APPROXIMATION OF A SEGMENT OF A HOLLOW CYLINDER
14.     A2 = A*A
15.     R2 = R*R
16.     P = 0.5*A
17.     P2 = P*P
17.1    H2 = H*H
17.2    C-----
18.     GHC = 1.0165E-3*((A2*H2)/(R*(R2-P2)))
19.     C-----
20.     X1 = R - P
21.     X2 = R
22.     Y1 = 0.0
23.     Y2 = P
24.     Z1 = 0.0
25.     Z2 = H
26.     CALL ATRACT(DEN, X1,X2, Y1,Y2, Z1,Z2, G1)
27.     C-----
28.     X1 = R
29.     X2 = R + P
30.     CALL ATRACT(DEN, X1,X2, Y1,Y2, Z1,Z2, G2)
31.     C-----
32.     GPRI = 2.0*(G1+G2)
33.     C-----
34.     PRINT 200, R, H, A, GHC, GPRI
35.     200 FORMAT(1H0,'R=',F7.0,3X,'H=',F7.0,3X,'A=',F7.0,3X,'GHC=',F11.7,
36.     *          3X,'GPRI=',F11.7)
37.     GO TO 100
38.     C-----
39.     900 STOP
40.     END
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NO ERRORS IN COMPILATION

SRC:ATTRACT.TC/LIB\$ LIST:OUT\$ REL:ATTRACT.TC
OPTIONS:SRC CARD

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1. C*****
2. C SUBROUTINE ATTRACT
3. C*****
4. C
5. C
6. C SUBROUTINE THAT COMPUTES THE GRAVITATIONAL ATTRACTION OF
7. C A RIGHT RECTANGULAR PRISM. THE METHOD USED IS DESCRIBED
8. C BY: DEZSO NAGY
9. C
10. C 'THE GRAVITATIONAL ATTRACTION OF A RIGHT RECTANGULAR PRISM'
11. C GEOPHYSICS, VOL 31, NO 2; APRIL, 1966; PAGES 362-371
12. C BY: DEZSO NAGY
13. C
14. C THE ATTRACTION IS COMPUTED USING EQUATIONS(9) AND (10)
15. C ON PAGE 365
16. C
17. C
18. C SUBROUTINE ATTRACT(DEN, X1, X2, Y1, Y2, Z1, Z2, G)
19. C
20. C
21. C DEN -- DENSITY
22. C X1 -- X-AXIS DISTANCE FROM STATION TO NEAR EDGE
23. C X2 -- X-AXIS DISTANCE FROM STATION TO FAR EDGE
24. C Y1 -- Y-AXIS DISTANCE FROM STATION TO NEAR EDGE
25. C Y2 -- Y-AXIS DISTANCE FORM STATION TO FAR EDGE
26. C Z1 -- ELEVATION OF STATION
27. C Z2 -- AVERAGE ELEVATION OF PRISM (AT CENTER)
28. C G -- COMPUTED ATTRACTION OF PRISM
29. C
30. C THE VALUES OF X1,X2,Y1,Y2,Z1,Z2 MUST BE IN FEET
31. C
32. C
33. C COMPUTE COMMON EXPRESSIONS USED IN THE EQUATION
34. C
35. C X1SQ = X1*X1
36. C X2SQ = X2*X2
37. C Y1SQ = Y1*Y1
38. C Y2SQ = Y2*Y2
39. C H = Z2 - Z1
39.1 C HSQ = H*H
40. C
41. C X1Y1S = X1SQ + Y1SQ
42. C X1Y2S = X1SQ + Y2SQ
43. C X2Y1S = X2SQ + Y1SQ
44. C X2Y2S = X2SQ + Y2SQ
45. C
46. C SRX1Y1 = SQRT(X1Y1S)
47. C SRX1Y2 = SQRT(X1Y2S)
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48.      SRX2Y1 = SQRT(X2Y1S)
49.      SRX2Y2 = SQRT(X2Y2S)
50.      C
51.      X1Y1H = SQRT(X1Y1S + HSQ)
52.      X1Y2H = SQRT(X1Y2S + HSQ)
53.      X2Y1H = SQRT(X2Y1S + HSQ)
54.      X2Y2H = SQRT(X2Y2S + HSQ)
57.      C
58.      C      COMPUTE THE EXPRESSIONS:  T1, T2, - - -
59.      C
60.      T1 = ALOG( (Y2 + SRX2Y2) / (Y2 + X2Y2H) )
61.      C
62.      T2 = ALOG( (Y1 + SRX2Y1) / (Y1 + X2Y1H) )
63.      C
64.      T3 = ALOG( (Y2 + SRX1Y2) / (Y2 + X1Y2H) )
65.      C
65.1     T4 = 0.0
65.2     IF(SRX1Y1 .EQ. 0.0) GO TO 100
66.      T4 = ALOG( (Y1 + SRX1Y1) / (Y1 + X1Y1H) )
67.      C
67.1     100 CONTINUE
68.      T5 = ALOG( (X2 + SRX2Y2) / (X2 + X2Y2H) )
69.      C
70.      T6 = ALOG( (X1 + SRX1Y2) / (X1 + X1Y2H) )
71.      C
72.      T7 = ALOG( (X2 + SRX2Y1) / (X2 + X2Y1H) )
73.      C
73.1     T8 = 0.0
73.2     IF(SRX1Y1 .EQ. 0.0) GO TO 200
74.      T8 = ALOG( (X1 + SRX1Y1) / (X1 + X1Y1H) )
75.      C
75.1     200 CONTINUE
76.      SRY2H = SQRT(Y2SQ + HSQ)
77.      C
78.      T9 = ARSIN( (Y2SQ+HSQ+(Y2*X2Y2H)) / ((Y2+X2Y2H)*SRY2H) )
79.      C
80.      T10 = ARSIN( (Y2SQ+HSQ+(Y2*X1Y2H)) / ((Y2+X1Y2H)*SRY2H) )
81.      C
82.      SRY1H = SQRT(Y1SQ + HSQ)
83.      C
84.      T11 = ARSIN( (Y1SQ+HSQ+(Y1*X2Y1H)) / ((Y1+X2Y1H)*SRY1H) )
85.      C
86.      T12 = ARSIN( (Y1SQ+HSQ+(Y1*X1Y1H)) / ((Y1+X1Y1H)*SRY1H) )
87.      C
88.      C
97.      C
98.      FZG = X2*(T1-T2) - X1*(T3-T4) + Y2*(T5-T6) - Y1*(T7-T8)
99.      *      + H*(T9-T10-T11+T12)
100.     C
101.     C
102.     G = 2.033E-3 * DEN * FZG
    
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103. C
104. C

105. RETURN
106. END

NO ERRORS IN COMPILATION

SRU'S:3.4
!LINK,TEMP HOLCYL.TC

SRU'S:4.2
!HOLCYL.TC

TEST PRISM EQUATION AGAINST HOLLOW CYLINDER

R=	100.	H=	10.	A=	100.	GHC=	.0013553	GPRI=	.0014442
R=	200.	H=	10.	A=	100.	GHC=	.0001355	GPRI=	.0001391
R=	300.	H=	10.	A=	100.	GHC=	.0000387	GPRI=	.0000392
R=	400.	H=	10.	A=	100.	GHC=	.0000161	GPRI=	.0000162
R=	500.	H=	10.	A=	100.	GHC=	.0000082	GPRI=	.0000082
R=	600.	H=	10.	A=	100.	GHC=	.0000047	GPRI=	.0000048
R=	700.	H=	10.	A=	100.	GHC=	.0000030	GPRI=	.0000030
R=	800.	H=	10.	A=	100.	GHC=	.0000020	GPRI=	.0000020
R=	900.	H=	10.	A=	100.	GHC=	.0000014	GPRI=	.0000014
R=	1000.	H=	10.	A=	100.	GHC=	.0000010	GPRI=	.0000011
R=	500.	H=	50.	A=	200.	GHC=	.0008471	GPRI=	.0008560
R=	1000.	H=	50.	A=	200.	GHC=	.0001027	GPRI=	.0001030
R=	1500.	H=	50.	A=	200.	GHC=	.0000303	GPRI=	.0000303
R=	2000.	H=	50.	A=	200.	GHC=	.0000127	GPRI=	.0000128
R=	400.	H=	50.	A=	200.	GHC=	.0016942	GPRI=	.0017191
R=	500.	H=	50.	A=	200.	GHC=	.0008471	GPRI=	.0008560
R=	600.	H=	50.	A=	200.	GHC=	.0004840	GPRI=	.0004878
R=	700.	H=	50.	A=	200.	GHC=	.0003025	GPRI=	.0003043
R=	800.	H=	50.	A=	200.	GHC=	.0002017	GPRI=	.0002026
R=	800.	H=	100.	A=	400.	GHC=	.0033883	GPRI=	.0034382
R=	800.	H=	50.	A=	400.	GHC=	.0008471	GPRI=	.0008684
R=	1000.	H=	100.	A=	400.	GHC=	.0016942	GPRI=	.0017120
R=	1500.	H=	100.	A=	400.	GHC=	.0004906	GPRI=	.0004931
R=	2000.	H=	100.	A=	400.	GHC=	.0002054	GPRI=	.0002059
R=	2500.	H=	100.	A=	400.	GHC=	.0001048	GPRI=	.0001049
R=	3000.	H=	100.	A=	400.	GHC=	.0000605	GPRI=	.0000606

R= 3500. H= 100. A= 400. GHC= .0000381 GPRI= .0000380

R= 4000. H= 100. A= 400. GHC= .0000255 GPRI= .0000255

R= 4500. H= 100. A= 400. GHC= .0000179 GPRI= .0000181

R= 5000. H= 100. A= 400. GHC= .0000130 GPRI= .0000128

R= 2000. H= 50. A= 400. GHC= .0000513 GPRI= .0000516

STOP
SRU'S:1.8

!
!OFF
USAGE ON 07/12/77 AT 17:18:19
SRU'S:16.6 ELAPSED TIME: 00:00:16

SAVE
TEST ANALYSIS

POS001 TERA IN

XXX

LIB\$

AT: 07/12/77 16:35:27 JOB: 10285

UU 40-01-050 8888888888 3

TEST PROGRAM GRVTY

PROGRAM: GRVTY -- COMPUTATION OF GRAVITY TERRAIN CORRECTIONS

RUN ON: 07/12/77 AT: 16:13:40

THE TOPOGRAPHIC MODEL USED FOR THE TERRAIN CORRECTIONS IS AS FOLLOWS:

FILE: TMFILE.02 -- TEST AREA TERRAIN MODEL

COLUMNS: 216 X-AXIS LIMITS: -8.00 TO 13.50

ROWS: 106 Y-AXIS LIMITS: 3.00 TO 13.50

TOPO MODEL MAP SCALE = 1000.0 UNITS/INCH GRID SIZE = .10 INCHES OR 100.00 FEET

1	-300.00	-400.00	-200.00	50.90	52.90	51	52	200.00	400.00
2	-100.00	-200.00	0.	52.90	54.90	53	54	0.	200.00
3	100.00	0.	200.00	54.90	56.90	55	56	0.	200.00
4	300.00	200.00	400.00	56.90	58.90	57	58	200.00	400.00

START ZONE COLUMN: 1

-300.00	-400.00	-200.00	149.50	151.50	150	151	200.00	400.00
1	3585.	.00852772						
2	3638.	.00741641						
3	3669.	.00257337						
4	3747.	.00079518						

START ZONE COLUMN: 2

-100.00	-200.00	0.	151.50	153.50	152	153	0.	200.00
1	3596.	.01737122						
4	3788.	.00849794						

START ZONE COLUMN: 3

100.00	0.	200.00	153.50	155.50	154	155	0.	200.00
1	3601.	.01616219						
4	3817.	.01546398						

START ZONE COLUMN: 4

300.00	200.00	400.00	155.50	157.50	156	157	200.00	400.00
1	3638.	.00298452						
2	3695.	.00035848						
3	3757.	.00319360						
4	3818.	.00641459						

3	2890.	.00050894
4	2895.	.00056971
5	2900.	.00063625
6	2904.	.00070497
7	2907.	.00077813
8	2905.	.00085963
9	2903.	.00093600
10	2892.	.00102225
11	2856.	.00116305
12	2847.	.00121217
13	2861.	.00117549
14	2928.	.00097826
15	3037.	.00069821
16	3097.	.00054566
17	3198.	.00035264
18	3273.	.00023383
19	3317.	.00016981
20	3322.	.00014748
21	3278.	.00016199
22	3201.	.00019789
23	3129.	.00022581

START ZONE COLUMN: 2

-4200.00-4400.00-4000.00 109.50 113.50 110 113 4000.00 4400.00

1	2947.	.00038772
2	2887.	.00051884
3	2889.	.00059439
4	2894.	.00067711
5	2899.	.00076554
6	2905.	.00086034
7	2915.	.00094762
8	2925.	.00103207
9	2930.	.00111746
10	2922.	.00122808
11	2903.	.00135669
12	2892.	.00142962
13	2936.	.00128470
14	3025.	.00098424
15	3070.	.00081767
16	3161.	.00056139
17	3234.	.00038396
18	3302.	.00025328
19	3349.	.00017610
20	3361.	.00014358
21	3333.	.00014659
22	3271.	.00017186
23	3211.	.00019351

START ZONE COLUMN: 3

-3800.00-4000.00-3600.00 113.50 117.50 114 117 3600.00 4000.00

1	2935.	.00045533
2	2886.	.00059994

3	2887.	.00069983
4	2892.	.00080759
5	2899.	.00092693
6	2905.	.00105819
7	2921.	.00117326
8	2948.	.00124538
9	2963.	.00133927
10	2961.	.00147092
11	2951.	.00160595
12	2961.	.00161657
13	3016.	.00139259
14	3058.	.00119415
15	3138.	.00086665
16	3260.	.00049325
17	3339.	.00030065
18	3381.	.00020882
19	3418.	.00014208
20	3432.	.00011064
21	3416.	.00010599
22	3356.	.00013161
23	3306.	.00014644

START ZONE COLUMN: 4

-3400.00-3600.00-3200.00 117.50 121.50 118 121 3200.00 3600.00

1	2969.	.00047231
2	2910.	.00065040
3	2883.	.00082443
4	2889.	.00096784
5	2896.	.00113221
6	2900.	.00133052
7	2917.	.00150313
8	2977.	.00150213
9	3005.	.00159077
10	3013.	.00173234
11	3009.	.00189270
12	3019.	.00191668
13	3056.	.00172397
14	3127.	.00132164
15	3254.	.00075590
16	3385.	.00034650
17	3462.	.00017687
18	3517.	.00009146
19	3537.	.00006252
20	3532.	.00005566
21	3507.	.00005989
22	3441.	.00008905
23	3392.	.00010458

START ZONE COLUMN: 5

-3000.00-3200.00-2800.00 121.50 125.50 122 125 2800.00 3200.00

1	3000.	.00049059
2	3009.	.00057476

3	2956.	.00080358
4	2903.	.00111503
5	2895.	.00138296
6	2896.	.00167543
7	2901.	.00200710
8	3003.	.00185224
9	3059.	.00185869
10	3096.	.00189902
11	3105.	.00203344
12	3104.	.00214630
13	3146.	.00186894
14	3248.	.00119984
15	3368.	.00060186
16	3514.	.00017367
17	3635.	.00002166
18	3622.	.00002521
19	3639.	.00001321
20	3645.	.00000898
21	3614.	.00001616
22	3552.	.00003554
23	3486.	.00005905

START ZONE COLUMN: 6

-2600.00-2800.00-2400.00 125.50 129.50 126 129 2400.00 2800.00

1	2998.	.00055282
2	3004.	.00066463
3	3003.	.00082004
4	2952.	.00117002
5	2912.	.00161358
6	2898.	.00209285
7	2894.	.00264003
8	2927.	.00303253
9	3098.	.00231136
10	3122.	.00253962
11	3133.	.00277482
12	3157.	.00273956
13	3220.	.00216269
14	3321.	.00128448
15	3461.	.00046907
16	3635.	.00003575
17	3788.	.00003143
18	3826.	.00005564
19	3789.	.00002071
20	3792.	.00001745
21	3758.	.00000487
22	3677.	.00000178
23	3622.	.00001085

START ZONE COLUMN: 7

-2200.00-2400.00-2000.00 129.50 133.50 130 133 2000.00 2400.00

2	3004.	.00075008
3	3011.	.00092591

4	2987.	.00125697
5	2945.	.00180237
6	2915.	.00251581
7	2902.	.00338108
8	2885.	.00456312
9	2983.	.00462380
10	3110.	.00400596
11	3168.	.00391069
12	3209.	.00369615
13	3307.	.00242656
14	3432.	.00106370
15	3602.	.00013527
16	3746.	.00001192
17	3876.	.00019482
18	3987.	.00041347
19	3981.	.00030146
20	3912.	.00012958
21	3895.	.00008376
22	3816.	.00002111
23	3750.	.00000263

START ZONE COLUMN: 8

-1800.00-2000.00-1600.00 133.50 137.50 134 137 1600.00 2000.00

2	3006.	.00083434
3	3008.	.00106078
4	3003.	.00140010
5	2968.	.00203332
6	2924.	.00305812
7	2901.	.00440330
8	2893.	.00616754
9	2984.	.00678982
10	3121.	.00617794
11	3206.	.00584446
12	3291.	.00470699
13	3406.	.00252728
14	3515.	.00091400
15	3734.	.00001021
16	3884.	.00041944
17	3999.	.00082317
18	4051.	.00082040
19	4101.	.00078148
20	4052.	.00044300
21	4027.	.00028605
22	3948.	.00012409
23	3875.	.00004696

START ZONE COLUMN: 9

-1400.00-1600.00-1200.00 137.50 141.50 138 141 1200.00 1600.00

1	3004.	.00072107
2	3005.	.00091858
3	3005.	.00119510
4	3006.	.00158600

5	2988.	.00226966
6	2922.	.00375407
7	2893.	.00575553
8	2938.	.00762115
9	3088.	.00767169
10	3186.	.00835848
11	3277.	.00834513
12	3366.	.00671928
13	3496.	.00268102
14	3646.	.00019706
15	3832.	.00048087
16	3987.	.00160305
17	4171.	.00285514
18	4189.	.00207126
19	4137.	.00114162
20	4159.	.00089457
21	4146.	.00061857
22	4087.	.00034738
23	4021.	.00018012

START ZONE COLUMN: 10

-1000.00 -1200.00 -800.00 141.50 145.50 142 145 800.00 1200.00

1	3003.	.00076718
2	3004.	.00099366
3	3003.	.00131529
4	3002.	.00178750
5	2995.	.00255158
6	2926.	.00439964
7	2915.	.00680869
8	3033.	.00801176
9	3136.	.00990040
10	3271.	.01063028
11	3375.	.01130781
12	3476.	.00854093
13	3596.	.00211554
14	3771.	.00039835
15	3917.	.00248982
16	4056.	.00378957
17	4250.	.00523146
18	4300.	.00387648
19	4277.	.00236371
20	4267.	.00156681
21	4271.	.00113143
22	4248.	.00076833
23	4197.	.00047533

START ZONE COLUMN: 11

-600.00 -800.00 -400.00 145.50 149.50 146 149 400.00 800.00

1	3003.	.00080393
2	3002.	.00105312
3	3001.	.00140691
4	2999.	.00195017

5	2990.	.00284758
6	2973.	.00443450
7	3020.	.00618115
8	3138.	.00741719
9	3211.	.01088176
10	3338.	.01373591
11	3447.	.01867892
12	3562.	.01576260
13	3673.	.00104151
14	3846.	.00529202
15	3973.	.00712423
16	4131.	.00788287
17	4270.	.00711644
18	4364.	.00558565
19	4405.	.00396580
20	4415.	.00272989
21	4415.	.00191495
22	4386.	.00127867
23	4334.	.00081509

START ZONE COLUMN: 12

-200.00 -400.00 0. 149.50 153.50 150 153 0. 400.00

1	3000.	.00082557
2	3000.	.00108394
3	2998.	.00146443
4	2996.	.00204341
5	2999.	.00267767
6	3057.	.00376779
7	3165.	.00433408
8	3237.	.00593734
9	3341.	.00766878
10	3400.	.01451011
11	3481.	.03506236
14	3880.	.02035852
15	4033.	.01566817
16	4195.	.01276409
17	4331.	.00985150
18	4432.	.00736799
19	4512.	.00555454
20	4553.	.00403437
21	4556.	.00282835
22	4534.	.00194097
23	4480.	.00126775

START ZONE COLUMN: 13

200.00 0. 400.00 153.50 157.50 154 157 0. 400.00

1	2999.	.00058250
2	2997.	.00109219
3	2995.	.00147700
4	3007.	.00198395
5	3070.	.00238841
6	3163.	.00267818

7	3270.	.00287437
8	3342.	.00366443
9	3411.	.00512168
10	3481.	.00820306
11	3551.	.01802965
14	3900.	.02502217
15	4058.	.01797055
16	4247.	.01535341
17	4374.	.01113736
18	4499.	.00866041
19	4601.	.00674332
20	4646.	.00491256
21	4672.	.00394869
22	4681.	.00266373
23	4661.	.00157512

START ZONE COLUMN: 14

600.00	400.00	800.00	157.50	161.50	158	161	400.00	800.00
1	2999.	.00081040						
2	2997.	.00106401						
3	3000.	.00140690						
4	3041.	.00172766						
5	3141.	.00180416						
6	3257.	.00173600						
7	3334.	.00192805						
8	3395.	.00235785						
9	3470.	.00266586						
10	3537.	.00316339						
11	3638.	.00152337						
12	3717.	.00003940						
13	3805.	.00666020						
14	3931.	.01346401						
15	4087.	.01403417						
16	4262.	.01307570						
17	4417.	.01092412						
18	4554.	.00894536						
19	4664.	.00716047						
20	4743.	.00561529						
21	4786.	.00428128						
22	4817.	.00330781						
23	4815.	.00247874						

START ZONE COLUMN: 15

1000.00	800.00	1200.00	161.50	165.50	162	165	800.00	1200.00
1	2999.	.00077878						
2	2998.	.00100805						
3	3004.	.00130979						
4	3066.	.00148803						
5	3189.	.00137815						
6	3321.	.00113036						
7	3380.	.00124870						
8	3447.	.00128935						

9	3525.	.00111324
10	3579.	.00101212
11	3686.	.00006537
12	3785.	.00091566
13	3899.	.00564691
14	3992.	.00811585
15	4102.	.00860199
16	4255.	.00897506
17	4421.	.00874218
18	4574.	.00792164
19	4748.	.00739662
20	4844.	.00606581
21	4891.	.00472759
22	4927.	.00371496
23	4926.	.00282795

START ZONE COLUMN: 16

1400.00 1200.00 1600.00 165.50 169.50 166 169 1200.00 1600.00

1	3000.	.00072873
2	2997.	.00093932
3	2997.	.00122265
4	3068.	.00132621
5	3211.	.00110578
6	3340.	.00086323
7	3411.	.00082161
8	3487.	.00068559
9	3558.	.00048929
10	3626.	.00023081
11	3711.	.00000004
12	3820.	.00070622
13	3946.	.00322720
14	4086.	.00636767
15	4192.	.00712740
16	4317.	.00730193
17	4474.	.00745553
18	4661.	.00761030
19	4807.	.00693043
20	4926.	.00604684
21	5023.	.00516992
22	5079.	.00424026
23	5071.	.00325245

START ZONE COLUMN: 17

1800.00 1600.00 2000.00 169.50 173.50 170 173 1600.00 2000.00

1	2999.	.00067400
2	2995.	.00085683
3	2993.	.00110565
4	3063.	.00117777
5	3201.	.00097509
6	3334.	.00072313
7	3418.	.00060571
8	3520.	.00035726

9	3588.	.00020556
10	3685.	.00001210
11	3760.	.00005882
12	3858.	.00060341
13	3974.	.00191271
14	4132.	.00415733
15	4256.	.00534698
16	4406.	.00627578
17	4551.	.00650337
18	4763.	.00716571
19	4913.	.00675730
20	5047.	.00614538
21	5170.	.00551780
22	5263.	.00480282
23	5243.	.00370425

START ZONE COLUMN: 18

2200.00 2000.00 2400.00 173.50 177.50 174 177 2000.00 2400.00

1	2999.	.00061367
2	2994.	.00077217
3	2991.	.00097719
4	3088.	.00093527
5	3249.	.00066718
6	3374.	.00046431
7	3469.	.00031572
8	3562.	.00015678
9	3642.	.00004303
10	3728.	.00000376
11	3856.	.00029377
12	3994.	.00121489
13	4114.	.00242321
14	4230.	.00359957
15	4306.	.00394453
16	4484.	.00518879
17	4689.	.00627055
18	4848.	.00639238
19	4999.	.00621165
20	5153.	.00593593
21	5293.	.00552628
22	5385.	.00487754
23	5348.	.00376771

START ZONE COLUMN: 19

2600.00 2400.00 2800.00 177.50 181.50 178 181 2400.00 2800.00

1	2998.	.00055260
2	2993.	.00068489
3	3015.	.00079479
4	3129.	.00069473
5	3272.	.00049611
6	3402.	.00031015
7	3519.	.00015099
8	3623.	.00003949

9	3717.	.00000039
10	3808.	.00007234
11	3941.	.00045662
12	4096.	.00135561
13	4252.	.00262834
14	4395.	.00385425
15	4505.	.00450775
16	4595.	.00465935
17	4771.	.00537168
18	4935.	.00565651
19	5081.	.00559484
20	5251.	.00557094
21	5402.	.00533607
22	5483.	.00473066
23	5439.	.00370267

START ZONE COLUMN: 20

3000.00 2800.00 3200.00 181.50 185.50 182 185 2800.00 3200.00

1	2996.	.00049490
2	3013.	.00056924
3	3079.	.00056493
4	3178.	.00049016
5	3314.	.00033285
6	3434.	.00019759
7	3568.	.00006408
8	3673.	.00000514
9	3766.	.00001398
10	3886.	.00015874
11	4025.	.00056193
12	4200.	.00141688
13	4375.	.00256642
14	4534.	.00367659
15	4697.	.00469488
16	4793.	.00489098
17	4891.	.00489889
18	5078.	.00539290
19	5215.	.00533750
20	5363.	.00524512
21	5506.	.00505092
22	5582.	.00453122
23	5538.	.00361923

START ZONE COLUMN: 21

3400.00 3200.00 3600.00 185.50 189.50 186 189 3200.00 3600.00

1	3011.	.00042109
2	3069.	.00042022
3	3135.	.00040357
4	3245.	.00031494
5	3344.	.00023423
6	3461.	.00012857
7	3626.	.00001745
8	3722.	.00000040

9	3820.	.00003971
10	3949.	.00020876
11	4120.	.00066116
12	4297.	.00139272
13	4454.	.00221189
14	4649.	.00331557
15	4822.	.00422736
16	5009.	.00507337
17	5098.	.00503331
18	5237.	.00518155
19	5388.	.00525358
20	5501.	.00502795
21	5605.	.00471951
22	5679.	.00429006
23	5654.	.00355947

START ZONE COLUMN: 22

3800.00 3600.00 4000.00 189.50 193.50 190 193 3600.00 4000.00

1	3053.	.00032820
2	3117.	.00031365
3	3177.	.00029726
4	3275.	.00023147
5	3365.	.00017020
6	3510.	.00006684
7	3680.	.00000193
8	3780.	.00001084
9	3879.	.00006954
10	4014.	.00024734
11	4200.	.00067973
12	4371.	.00126391
13	4525.	.00190294
14	4729.	.00282874
15	4904.	.00358742
16	5125.	.00450987
17	5279.	.00489554
18	5366.	.00477736
19	5499.	.00480412
20	5605.	.00463140
21	5703.	.00438663
22	5780.	.00405243
23	5777.	.00348443

START ZONE COLUMN: 23

4200.00 4000.00 4400.00 193.50 197.50 194 197 4000.00 4400.00

1	3089.	.00025768
2	3142.	.00024914
3	3207.	.00022509
4	3305.	.00016850
5	3413.	.00010371
6	3573.	.00002527
7	3726.	.00000020
8	3832.	.00002564

9	3944.	.00010258
10	4084.	.00028200
11	4270.	.00066151
12	4440.	.00114239
13	4593.	.00165558
14	4797.	.00240418
15	4998.	.00315099
16	5241.	.00404658
17	5465.	.00474393
18	5543.	.00462584
19	5608.	.00438878
20	5688.	.00418094
21	5814.	.00410739
22	5875.	.00379165
23	5870.	.00330110

START ZONE COLUMN: 24

4600.00 4400.00 4800.00 197.50 201.50 198 201 4400.00 4800.00

1	3128.	.00019945
2	3163.	.00020086
3	3218.	.00018462
4	3332.	.00012418
5	3466.	.00005826
6	3613.	.00001055
7	3749.	.00000202
8	3884.	.00004075
9	4003.	.00012588
10	4134.	.00027827
11	4330.	.00061887
12	4490.	.00099384
13	4669.	.00148655
14	4875.	.00211489
15	5108.	.00286437
16	5331.	.00355178
17	5597.	.00434567
18	5709.	.00440821
19	5715.	.00401170
20	5788.	.00383887
21	5905.	.00378029
22	5984.	.00357830
23	6011.	.00323902

....WARNING -- ZONE: 800. TO 9600. 546 PRISMS OUT OF 432 COULD NOT BE CALCULATED

TEST PROGRAM GRVTY

STATION	X	Y	ELEV	TOPO CORR	ZONE VALUES		ZONE 1 PRISM VALUES			
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
L188-001	7.25	8.39	3710.	1.8101735	ZONE 1:	.2298301	.0003673	.0051022	.0122513	.0061201
					ZONE 2:	.0897592	.0006192	.0156078	.0816769	.0043220
					ZONE 3:	1.4905842	.0041971	.0612992	.0210512	.0000204
							.0041976	.0072482	.0048363	.0009133

TIME = 2.897

1	-300.00	-400.00	-200.00	50.90	52.90	51	52	200.00	400.00
2	-100.00	-200.00	0.	52.90	54.90	53	54	0.	200.00
3	100.00	0.	200.00	54.90	56.90	55	56	0.	200.00
4	300.00	200.00	400.00	56.90	58.90	57	58	200.00	400.00

START ZONE COLUMN: 1

	-300.00	-400.00	-200.00	150.10	152.10	151	152	200.00	400.00
1	3594.		.00855176						
2	3648.		.00750299						
3	3688.		.00156304						
4	3765.		.00117504						

START ZONE COLUMN: 2

	-100.00	-200.00	0.	152.10	154.10	153	154	0.	200.00
1	3595.		.02035191						
4	3808.		.01074979						

START ZONE COLUMN: 3

	100.00	0.	200.00	154.10	156.10	155	156	0.	200.00
1	3617.		.01445340						
4	3818.		.01315517						

START ZONE COLUMN: 4

	300.00	200.00	400.00	156.10	158.10	157	158	200.00	400.00
1	3658.		.00222764						
2	3702.		.00049373						
3	3761.		.00247243						
4	3819.		.00549333						

1	-4600.00	-4800.00	-4400.00	6.90	10.90	7	10	4400.00	4800.00
2	-4200.00	-4400.00	-4000.00	10.90	14.90	11	14	4000.00	4400.00
3	-3800.00	-4000.00	-3600.00	14.90	18.90	15	18	3600.00	4000.00

4-3400.00-3600.00-3200.00	18.90	22.90	19	22	3200.00	3600.00
5-3000.00-3200.00-2800.00	22.90	26.90	23	26	2800.00	3200.00
6-2600.00-2800.00-2400.00	26.90	30.90	27	30	2400.00	2800.00
7-2200.00-2400.00-2000.00	30.90	34.90	31	34	2000.00	2400.00
8-1800.00-2000.00-1600.00	34.90	38.90	35	38	1600.00	2000.00
9-1400.00-1600.00-1200.00	38.90	42.90	39	42	1200.00	1600.00
10-1000.00-1200.00-800.00	42.90	46.90	43	46	800.00	1200.00
11-600.00-800.00-400.00	46.90	50.90	47	50	400.00	800.00
12-200.00-400.00-0.	50.90	54.90	51	54	0.	400.00
13-200.00-0.-400.00	54.90	58.90	55	58	0.	400.00
14-600.00-400.00-800.00	58.90	62.90	59	62	400.00	800.00
15-1000.00-800.00-1200.00	62.90	66.90	63	66	800.00	1200.00
16-1400.00-1200.00-1600.00	66.90	70.90	67	70	1200.00	1600.00
17-1800.00-1600.00-2000.00	70.90	74.90	71	74	1600.00	2000.00
18-2200.00-2000.00-2400.00	74.90	78.90	75	78	2000.00	2400.00
19-2600.00-2400.00-2800.00	78.90	82.90	79	82	2400.00	2800.00
20-3000.00-2800.00-3200.00	82.90	86.90	83	86	2800.00	3200.00
21-3400.00-3200.00-3600.00	86.90	90.90	87	90	3200.00	3600.00
22-3800.00-3600.00-4000.00	90.90	94.90	91	94	3600.00	4000.00
23-4200.00-4000.00-4400.00	94.90	98.90	95	98	4000.00	4400.00
24-4600.00-4400.00-4800.00	98.90	102.90	99	102	4400.00	4800.00
START ZONE COLUMN: 1						
-4600.00-4800.00-4400.00	106.10	110.10	107	110	4400.00	4800.00
1	2963.	.00033670				
2	2886.	.00046174				
3	2890.	.00052121				
4	2895.	.00058343				
5	2900.	.00065125				
6	2904.	.00072203				
7	2909.	.00079315				
8	2911.	.00086810				

9	2910.	.00094135
10	2902.	.00102189
11	2870.	.00115155
12	2858.	.00120832
13	2871.	.00117427
14	2953.	.00094046
15	3044.	.00070240
16	3104.	.00054990
17	3209.	.00035087
18	3286.	.00023053
19	3325.	.00017130
20	3329.	.00014954
21	3290.	.00015996
22	3219.	.00019151
23	3147.	.00021982

START ZONE COLUMN: 2

-4200.00-4400.00-4000.00 110.10 114.10 111 114 4000.00 4400.00

1	2944.	.00040179
2	2888.	.00053119
3	2889.	.00060893
4	2894.	.00069365
5	2899.	.00078331
6	2905.	.00087977
7	2917.	.00096593
8	2930.	.00104419
9	2938.	.00112443
10	2931.	.00123234
11	2913.	.00135340
12	2907.	.00141140
13	2963.	.00122697
14	3037.	.00097708
15	3080.	.00081567
16	3186.	.00053071
17	3252.	.00037155
18	3311.	.00025479
19	3359.	.00017504
20	3376.	.00014010
21	3353.	.00013901
22	3292.	.00016367
23	3226.	.00018897

START ZONE COLUMN: 3

-3800.00-4000.00-3600.00 114.10 118.10 115 118 3600.00 4000.00

1	2940.	.00046080
2	2886.	.00061401
3	2885.	.00071897
4	2891.	.00082824
5	2898.	.00095005
6	2904.	.00108626
7	2921.	.00120049
8	2954.	.00125531

9	2972.	.00133917
10	2972.	.00146565
11	2964.	.00159306
12	2976.	.00159492
13	3026.	.00139159
14	3067.	.00119574
15	3167.	.00081179
16	3289.	.00045267
17	3373.	.00026279
18	3421.	.00017208
19	3450.	.00012143
20	3457.	.00009958
21	3438.	.00009727
22	3377.	.00012315
23	3323.	.00014050

START ZONE COLUMN: 4

-3400.00-3600.00-3200.00 118.10 122.10 119 122 3200.00 3600.00

1	2980.	.00046999
2	2938.	.00062235
3	2891.	.00082762
4	2889.	.00099021
5	2895.	.00116037
6	2899.	.00136547
7	2914.	.00155058
8	2985.	.00150846
9	3018.	.00157734
10	3035.	.00167543
11	3036.	.00180488
12	3043.	.00184009
13	3072.	.00169325
14	3161.	.00121834
15	3283.	.00069393
16	3416.	.00030136
17	3498.	.00014149
18	3534.	.00008458
19	3558.	.00005463
20	3557.	.00004634
21	3530.	.00005273
22	3467.	.00007839
23	3411.	.00009753

START ZONE COLUMN: 5

-3000.00-3200.00-2800.00 122.10 126.10 123 126 2800.00 3200.00

1	3000.	.00050335
2	3011.	.00058690
3	2975.	.00078269
4	2914.	.00111147
5	2896.	.00141125
6	2896.	.00171579
7	2897.	.00207060
8	2995.	.00194512

9	3073.	.00183175
10	3106.	.00189602
11	3113.	.00204206
12	3116.	.00213508
13	3169.	.00178318
14	3264.	.00116625
15	3391.	.00055690
16	3546.	.00013643
17	3678.	.00000662
18	3670.	.00000813
19	3674.	.00000572
20	3680.	.00000366
21	3652.	.00000846
22	3582.	.00002706
23	3524.	.00004463

START ZONE COLUMN: 6

-2600.00-2800.00-2400.00 126.10 130.10 127 130 2400.00 2800.00

1	2998.	.00056742
2	3004.	.00068255
3	3007.	.00083461
4	2963.	.00116644
5	2921.	.00161788
6	2900.	.00212790
7	2895.	.00269419
8	2907.	.00325672
9	3082.	.00249983
10	3123.	.00260700
11	3141.	.00279576
12	3170.	.00270912
13	3240.	.00208065
14	3351.	.00115953
15	3493.	.00038681
16	3665.	.00001914
17	3818.	.00004933
18	3873.	.00009716
19	3832.	.00004130
20	3824.	.00002828
21	3788.	.00000983
22	3711.	-.00000061
23	3653.	.00000637

START ZONE COLUMN: 7

-2200.00-2400.00-2000.00 130.10 134.10 131 134 2000.00 2400.00

2	3005.	.00076851
3	3011.	.00095075
4	2992.	.00127191
5	2951.	.00181734
6	2919.	.00254928
7	2903.	.00344878
8	2888.	.00463830
9	2960.	.00502028

10	3102.	.00423931
11	3177.	.00391506
12	3227.	.00357125
13	3331.	.00225360
14	3451.	.00099306
15	3637.	.00008078
16	3776.	.00002896
17	3893.	.00021301
18	4007.	.00044402
19	4030.	.00039461
20	3948.	.00016413
21	3932.	.00011034
22	3851.	.00003273
23	3788.	.00000688

START ZONE COLUMN: 8

-1800.00-2000.00-1600.00 134.10 138.10 135 138 1600.00 2000.00

2	3005.	.00085760
3	3007.	.00109212
4	3005.	.00142871
5	2973.	.00205656
6	2924.	.00312884
7	2899.	.00452119
8	2895.	.00627411
9	3010.	.00650749
10	3140.	.00599763
11	3219.	.00577598
12	3308.	.00455449
13	3426.	.00236031
14	3544.	.00074577
15	3761.	.00003174
16	3916.	.00053253
17	4045.	.00104145
18	4074.	.00088442
19	4098.	.00073279
20	4078.	.00048624
21	4054.	.00031787
22	3979.	.00014752
23	3918.	.00006679

START ZONE COLUMN: 9

-1400.00-1600.00-1200.00 138.10 142.10 139 142 1200.00 1600.00

1	3004.	.00073996
2	3005.	.00094213
3	3004.	.00122969
4	3005.	.00163387
5	2991.	.00230973
6	2920.	.00385388
7	2893.	.00587996
8	2962.	.00735053
9	3105.	.00750194
10	3202.	.00816229

11	3302.	.00778897
12	3394.	.00604727
13	3524.	.00223560
14	3680.	.00007398
15	3855.	.00059129
16	4005.	.00170145
17	4206.	.00316923
18	4233.	.00236697
19	4172.	.00127871
20	4190.	.00098022
21	4181.	.00068910
22	4130.	.00041008
23	4055.	.00021003

START ZONE COLUMN: 10

-1000.00 -1200.00 -800.00 142.10 146.10 143 146 800.00 1200.00

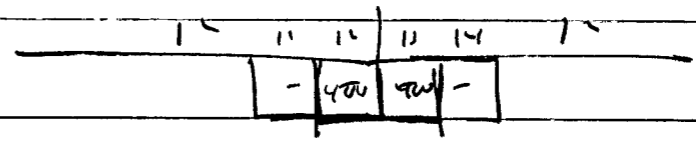
1	3003.	.00078948
2	3004.	.00101884
3	3002.	.00135277
4	3001.	.00183986
5	2994.	.00262086
6	2935.	.00440353
7	2933.	.00667628
8	3057.	.00769308
9	3148.	.00982315
10	3295.	.00999592
11	3396.	.01058582
12	3498.	.00767429
13	3617.	.00170779
14	3795.	.00060050
15	3932.	.00263265
16	4074.	.00394880
17	4251.	.00506350
18	4311.	.00389022
19	4308.	.00253535
20	4296.	.00167429
21	4302.	.00122002
22	4283.	.00084035
23	4238.	.00053953

START ZONE COLUMN: 11

-600.00 -800.00 -400.00 146.10 150.10 147 150 400.00 800.00

1	3002.	.00082600
2	3001.	.00107967
3	3000.	.00144747
4	2998.	.00200415
5	2988.	.00293296
6	2985.	.00440481
7	3058.	.00571711
8	3162.	.00705731
9	3246.	.00985766
10	3348.	.01373192

11	3457.	.01863831
12	3580.	.01399464
13	3685.	.00089401
14	3858.	.00541601
15	3989.	.00743641
16	4149.	.00819503
17	4285.	.00723174
18	4385.	.00576018
19	4438.	.00422176
20	4458.	.00298300
21	4454.	.00207277
22	4422.	.00138069
23	4370.	.00088922



START ZONE COLUMN: 12

-200.00 -400.00 0. 150.10 154.10 151 154 0. 400.00

1	3000.	.00085167
2	2999.	.00111683
3	2997.	.00150830
4	2996.	.00209926
5	3012.	.00265219
6	3088.	.00353379
7	3194.	.00405547
8	3265.	.00550525
9	3360.	.00731488
10	3422.	.01347989
11	3493.	.03455297
14	3886.	.01944350
15	4042.	.01562325
16	4210.	.01303336
17	4342.	.01012241
18	4447.	.00746124
19	4534.	.00571081
20	4575.	.00415260
21	4585.	.00295443
22	4568.	.00205259
23	4532.	.00140879

START ZONE COLUMN: 13

200.00 0. 400.00 154.10 158.10 155 158 0. 400.00

1	2999.	.00059834
2	2997.	.00112166
3	2995.	.00151454
4	3016.	.00198914
5	3089.	.00232153
6	3185.	.00256566
7	3291.	.00273367
8	3360.	.00350163
9	3429.	.00486826
10	3499.	.00761186
11	3576.	.01489234
14	3906.	.02388990

15	4065.	.01770554
16	4253.	.01518328
17	4385.	.01118577
18	4516.	.00853316
19	4619.	.00686338
20	4669.	.00504628
21	4701.	.00374634
22	4721.	.00317137
23	4707.	.00205631

START ZONE COLUMN: 14

600.00 400.00 800.00 158.10 162.10 159 162 400.00 800.00

1	2999.	.00083229
2	2998.	.00108841
3	3003.	.00143808
4	3049.	.00174041
5	3158.	.00176244
6	3281.	.00163042
7	3345.	.00191262
8	3407.	.00232230
9	3485.	.00255370
10	3548.	.00311889
11	3652.	.00132430
12	3736.	.00020596
13	3824.	.00789008
14	3944.	.01381036
15	4090.	.01362339
16	4263.	.01267433
17	4423.	.01083143
18	4562.	.00891233
19	4682.	.00728017
20	4769.	.00577874
21	4812.	.00440789
22	4843.	.00339556
23	4849.	.00258728

START ZONE COLUMN: 15

1000.00 800.00 1200.00 162.10 166.10 163 166 800.00 1200.00

1	3000.	.00079716
2	2998.	.00103519
3	3003.	.00134972
4	3069.	.00151860
5	3196.	.00139381
6	3327.	.00115261
7	3392.	.00123355
8	3458.	.00128149
9	3533.	.00113217
10	3587.	.00103830
11	3694.	.00007400
12	3800.	.00102944
13	3918.	.00620715
14	4012.	.00872106

15	4118.	.00883073
16	4263.	.00892333
17	4427.	.00866749
18	4584.	.00793376
19	4766.	.00750316
20	4867.	.00619250
21	4923.	.00488861
22	4962.	.00385977
23	4961.	.00293844

START ZONE COLUMN: 16

1400.00 1200.00 1600.00 166.10 170.10 167 170 1200.00 1600.00

1	3000.	.00074705
2	2996.	.00096481
3	2995.	.00125892
4	3065.	.00137715
5	3204.	.00117941
6	3338.	.00091768
7	3411.	.00087401
8	3498.	.00068126
9	3567.	.00049473
10	3643.	.00019283
11	3718.	.00000013
12	3817.	.00055962
13	3947.	.00300334
14	4106.	.00671758
15	4217.	.00756195
16	4333.	.00745290
17	4484.	.00745748
18	4692.	.00791329
19	4827.	.00704693
20	4951.	.00618977
21	5058.	.00535576
22	5125.	.00445181
23	5107.	.00337132

START ZONE COLUMN: 17

1800.00 1600.00 2000.00 170.10 174.10 171 174 1600.00 2000.00

1	2999.	.00069132
2	2995.	.00088146
3	2992.	.00113825
4	3067.	.00119594
5	3218.	.00094811
6	3342.	.00073190
7	3427.	.00060821
8	3527.	.00036705
9	3596.	.00021185
10	3693.	.00001358
11	3781.	.00009146
12	3893.	.00082741
13	4004.	.00220970
14	4143.	.00417502

15	4256.	.00516807
16	4435.	.00659695
17	4590.	.00692335
18	4784.	.00730443
19	4941.	.00694157
20	5076.	.00630838
21	5203.	.00567827
22	5297.	.00494223
23	5270.	.00378407

START ZONE COLUMN: 18

2200.00 2000.00 2400.00 174.10 178.10 175 178 2000.00 2400.00

1	2999.	.00063004
2	2994.	.00079328
3	2993.	.00099702
4	3096.	.00093821
5	3248.	.00069895
6	3383.	.00046596
7	3483.	.00030460
8	3577.	.00014587
9	3663.	.00002954
10	3747.	.00000854
11	3878.	.00034587
12	4021.	.00136766
13	4147.	.00270894
14	4270.	.00402689
15	4349.	.00437623
16	4499.	.00526127
17	4713.	.00644630
18	4869.	.00650965
19	5015.	.00626666
20	5177.	.00604180
21	5322.	.00564718
22	5410.	.00495839
23	5369.	.00381490

START ZONE COLUMN: 19

2600.00 2400.00 2800.00 178.10 182.10 179 182 2400.00 2800.00

1	2997.	.00056922
2	2993.	.00070262
3	3029.	.00078495
4	3141.	.00068830
5	3284.	.00049108
6	3410.	.00031415
7	3530.	.00014859
8	3636.	.00003609
9	3731.	.00000074
10	3829.	.00008929
11	3961.	.00050031
12	4122.	.00146686
13	4287.	.00286802
14	4433.	.00416034

15	4554.	.00494451
16	4638.	.00499967
17	4793.	.00548091
18	4960.	.00579180
19	5111.	.00574423
20	5277.	.00567303
21	5428.	.00542520
22	5509.	.00480559
23	5461.	.00375257

START ZONE COLUMN: 20

3000.00 2800.00 3200.00 182.10 186.10 183 186 2800.00 3200.00

1	2997.	.00050787
2	3026.	.00056248
3	3095.	.00055508
4	3191.	.00048389
5	3325.	.00033073
6	3441.	.00020256
7	3580.	.00006198
8	3685.	.00000448
9	3778.	.00001491
10	3903.	.00017266
11	4049.	.00061191
12	4226.	.00150761
13	4398.	.00266596
14	4565.	.00386373
15	4737.	.00496273
16	4851.	.00529779
17	4938.	.00519350
18	5126.	.00566798
19	5257.	.00554585
20	5398.	.00539113
21	5531.	.00512781
22	5605.	.00458871
23	5558.	.00365806

START ZONE COLUMN: 21

3400.00 3200.00 3600.00 186.10 190.10 187 190 3200.00 3600.00

1	3021.	.00042109
2	3082.	.00041618
3	3146.	.00040188
4	3257.	.00031213
5	3349.	.00023926
6	3472.	.00012691
7	3644.	.00001431
8	3736.	.00000079
9	3837.	.00004485
10	3963.	.00021657
11	4142.	.00070008
12	4317.	.00144161
13	4471.	.00225200
14	4671.	.00340116

15	4846.	.00432752
16	5049.	.00528524
17	5146.	.00528751
18	5266.	.00529770
19	5421.	.00538770
20	5530.	.00512490
21	5630.	.00479011
22	5705.	.00435524
23	5681.	.00361627

START_ZONE COLUMN: 22

3800.00 3600.00 4000.00 190.10 194.10 191 194 3600.00 4000.00

1	3062.	.00032859
2	3125.	.00031478
3	3187.	.00029614
4	3285.	.00023169
5	3373.	.00017168
6	3526.	.00006273
7	3692.	.00000175
8	3795.	.00001209
9	3892.	.00007231
10	4033.	.00026273
11	4219.	.00070424
12	4388.	.00129334
13	4544.	.00194409
14	4746.	.00286753
15	4923.	.00364190
16	5151.	.00460279
17	5326.	.00510420
18	5410.	.00495564
19	5526.	.00489044
20	5627.	.00468487
21	5728.	.00444632
22	5804.	.00410341
23	5792.	.00350315

START_ZONE COLUMN: 23

4200.00 4000.00 4400.00 194.10 198.10 195 198 4000.00 4400.00

1	3100.	.00025677
2	3147.	.00025331
3	3211.	.00023159
4	3309.	.00017387
5	3430.	.00009920
6	3583.	.00002525
7	3734.	.00000028
8	3842.	.00002529
9	3964.	.00011132
10	4096.	.00028520
11	4286.	.00067628
12	4455.	.00115890
13	4609.	.00167920
14	4816.	.00244338

15	5026.	.00323660
16	5267.	.00412583
17	5509.	.00491048
18	5591.	.00480136
19	5634.	.00445680
20	5711.	.00423152
21	5843.	.00417554
22	5903.	.00384902
23	5899.	.00335681

START ZONE COLUMN: 24

4600.00 4400.00 4800.00 198.10 202.10 199 202 4400.00 4800.00

1	3135.	.00020096
2	3170.	.00020261
3	3225.	.00018700
4	3341.	.00012478
5	3472.	.00006026
6	3620.	.00001086
7	3755.	.00000157
8	3900.	.00004347
9	4013.	.00012576
10	4150.	.00028791
11	4343.	.00062509
12	4501.	.00099736
13	4689.	.00151769
14	4893.	.00214696
15	5132.	.00292078
16	5352.	.00359635
17	5606.	.00434180
18	5720.	.00441468
19	5740.	.00406474
20	5813.	.00388957
21	5920.	.00379455
22	6009.	.00362209
23	6045.	.00330033

....WARNING -- ZONE: 800. TO 9600.

546 PRISMS OUT OF 432 COULD NOT BE CALCULATED

PKLP

L188-002	7.31	8.39	3720.	1.8327780	ZONE 1:	.2482611	.0006102	.0066096	.0106327	.0044045
					ZONE 2:	.0881902	.0004638	.0303543	.0721336	.0026830
					ZONE 3:	1.4963267	.0040676	.0640089	.0329605	.0000251
							.0046242	.0081995	.0052154	.0012681

TIME = 2.637

GPS PQS001,,TERRAIN

AT: 07/21/77 12:08:43 JOB: 10051 UU 40-01-050 888888888 1

!LINK,TEMP GRVTY.TC

LNK204 W 'ETIME' DEF IN USCLOK/\$YSB\$ IGNORED, IN FSADO/\$YSB\$\$ USED

LNK204 W 'ETIMEF' DEF IN USCLOK/\$YSB\$ IGNORED, IN FSADO/\$YSB\$\$ USED

SRU'S:9.0

!EQUATE 1 TIF60S.TC

!GRVTY.TC

SELECTED STATIONS ALONG LINE: TIE-60S -- JANICE,NORTH GRID

PROGRAM: GRVTY -- COMPUTATION OF GRAVITY TERRAIN CORRECTIONS

RUN ON: 07/21/77 AT: 11:23:27

THE TOPOGRAPHIC MODEL USED FOR THE TERRAIN CORRECTIONS IS AS FOLLOWS:

FILE: JANICE.TM -- JANICE TOPO GRID,1IN=1000FT,ORG:550+00S,350+00E

COLUMNS: 401 X-AXIS LIMITS: 35.00 TO 75.00

ROWS: 501 Y-AXIS LIMITS: -55.00 TO -5.00

TOPO MODEL MAP SCALE = 1000.0 UNITS/INCH GRID SIZE = .10 INCHES OR 100.00 FEET

DENSITY FACTOR = 2.70

ZONE 1 PARAMETERS: INNER REGION WIDTH: 0.
TOTAL REGION WIDTH: 400.
PRISM SIZE: 100. NO. OF PRISMS = 16

ZONE 2 PARAMETERS: INNER REGION WIDTH: 400.
TOTAL REGION WIDTH: 1600.
PRISM SIZE: 200. NO. OF PRISMS = 68

ZONE 3 PARAMETERS: INNER REGION WIDTH: 1600.
TOTAL REGION WIDTH: 9600.
PRISM SIZE: 400. NO. OF PRISMS = 560

SELECTED STATIONS ALONG LINE: TIE-60S -- JANICE, NORTH GRID

DENSITY FACTOR = 2.70

STATION =====	X =====	Y =====	ELEV =====	TOPO-CORR =====	ZONE VALUES =====	ZONE 1 PRISM VALUES =====			
L005-001	491+20	-260+50	3519.	1.03	ZONE 1: .260 ZONE 2: .126 ZONE 3: .641	.0013	.0035	.0033	.0007
						.0013	.0808	.0380	.0000
						.0000	.0405	.0784	.0020
						.0006	.0025	.0040	.0026
L005-005	498+70	-260+50	3592.	.93	ZONE 1: .224 ZONE 2: .112 ZONE 3: .600	.0032	.0040	.0013	.0001
						.0037	.0921	.0107	.0002
						.0006	.0234	.0756	.0023
						.0000	.0012	.0031	.0019
L005-010	507+00	-260+50	3664.	.79	ZONE 1: .172 ZONE 2: .073 ZONE 3: .544	.0018	.0016	.0002	.0001
						.0025	.0665	.0128	.0010
						.0011	.0171	.0625	.0022
						.0001	.0001	.0013	.0014
L005-015	514+80	-260+40	3722.	.60	ZONE 1: .094 ZONE 2: .039 ZONE 3: .467	.0007	.0006	.0001	-.0000
						.0008	.0407	.0013	.0002
						.0003	.0047	.0428	.0008
						.0000	.0001	.0007	.0006
L005-020	522+50	-260+30	3756.	.51	ZONE 1: .098 ZONE 2: .031 ZONE 3: .377	.0007	.0009	.0003	.0000
						.0007	.0434	.0030	.0001
						.0001	.0056	.0409	.0006
						.0000	.0003	.0009	.0007
L005-025	530+30	-260+10	3792.	.45	ZONE 1: .100 ZONE 2: .039 ZONE 3: .314	.0008	.0008	.0001	.0000
						.0010	.0432	.0034	.0004
						.0003	.0052	.0417	.0010
						.0000	.0001	.0008	.0008
L005-030	538+80	-260+00	3857.	.56	ZONE 1: .165 ZONE 2: .063 ZONE 3: .328	.0014	.0013	.0002	.0001
						.0021	.0597	.0154	.0011
						.0010	.0171	.0609	.0024
						.0001	.0001	.0011	.0015

SELECTED STATIONS ALONG LINE: TIE-60S -- JANICE, NORTH GRID

DENSITY FACTOR = 2.70

STATION =====	X =====	Y =====	ELEV =====	TOPO-CORR =====	ZONE VALUES =====	ZONE 1 PRISM VALUES =====			
L005-034	545+30	-260+80	3914.	.62	ZONE 1: .168 ZONE 2: .075 ZONE 3: .375	.0015	.0016	.0002	.0001
						.0019	.0647	.0171	.0012
						.0008	.0135	.0607	.0023
						.0001	.0001	.0011	.0013
L005-037	549+30	-260+70	3958.	.80	ZONE 1: .242 ZONE 2: .085 ZONE 3: .472	.0022	.0016	.0000	.0007
						.0038	.0752	.0384	.0029
						.0023	.0389	.0690	.0036
						.0006	.0000	.0008	.0017
L005-039	553+30	-260+60	4004.	.73	ZONE 1: .028 ZONE 2: .062 ZONE 3: .642	.0007	.0003	.0000	.0000
						.0009	.0147	.0034	.0000
						.0007	.0062	.0003	.0000
						.0002	.0000	.0000	.0000
L005-042	557+20	-260+50	4006.	.68	ZONE 1: .011 ZONE 2: .012 ZONE 3: .657	.0000	.0000	.0000	.0000
						.0000	.0017	.0043	.0000
						.0000	.0009	.0043	.0000
						.0000	.0000	.0000	.0000
L005-044	561+20	-260+40	4005.	.72	ZONE 1: .000 ZONE 2: .006 ZONE 3: .717	.0000	.0000	.0000	.0000
						.0000	.0003	0.	0.
						0.	0.	0.	.0000
						.0000	.0000	.0000	.0000
L005-047	565+20	-260+40	4006.	.88	ZONE 1: .000 ZONE 2: .036 ZONE 3: .847	.0000	.0000	.0000	.0000
						.0000	.0003	0.	.0000
						.0000	0.	0.	0.
						0.	0.	0.	.0000
L005-049	569+20	-260+30	3977.	1.28	ZONE 1: .301 ZONE 2: .108 ZONE 3: .871	.0015	.0004	.0006	.0017
						.0042	.0683	.0665	.0043
						.0042	.0694	.0705	.0048
						.0015	.0004	.0008	.0021

SELECTED STATIONS ALONG LINE: TIE-60S -- JANICE,NORTH GRID

DENSITY FACTOR = 2.70

STATION =====	X =====	Y =====	ELEV =====	TOPO-CORR =====	ZONE VALUES =====	ZONE 1 PRISM VALUES =====			
L005-052	573+40	-260+10	3915.	1.17	ZONE 1: .234 ZONE 2: .150 ZONE 3: .785	.0015	.0008	.0000	.0007
						.0037	.0692	.0350	.0030
						.0032	.0461	.0625	.0038
						.0010	.0000	.0012	.0021
L005-054	577+30	-250+90	3847.	1.31	ZONE 1: .371 ZONE 2: .206 ZONE 3: .736	.0033	.0009	.0008	.0031
						.0077	.0874	.0820	.0075
						.0068	.0812	.0779	.0065
						.0023	.0007	.0006	.0021

FINISHED -- STATIONS = 16

TOTAL TIME = 26.340 AVERAGE/STATION = 1.646

STOP
SRU'S:208.9
!OFF

USAGE ON 07/21/77 AT 11:27:06
SRU'S:220.9 ELAPSED TIME: 00:04:02

GPS POS001,,TERAIN

AT: 07/21/77 12:09:22 JOB: 10307 UU 40-01-050 8888888888 2

!EDIT,NEW,TEMP T60S54
!COPY 1 :TIE60S.TC 52

!Q
!SRU'S:.4
!LINK,TEMP GRVTY.TC

LNK204 W 'ETIME' DEF IN USCLOK/\$Y\$B\$ IGNORED, IN F\$ADO/\$Y\$B\$\$ USED
LNK204 W 'ETIMEF' DEF IN USCLOK/\$Y\$B\$ IGNORED, IN F\$ADO/\$Y\$B\$\$ USED
!SRU'S:9.0

!LOAD GRVTY.TC
!SET DEBUG.ZONE1=1;SHOW DEBUG.ZONE1
DEBUG.ZONE1 = TRUE

!SET DEBUG.ZONE23=1;SHOW DEBUG.ZONE23
DEBUG.ZONE23 = TRUE
!EQUATE 1 T60S54

!START

STATION: JANICE,NORTH - TIE60S-54 -- DETAILED PRISM DATA

PROGRAM: GRVTY -- COMPUTATION OF GRAVITY TERRAIN CORRECTIONS

RUN ON: 07/21/77 AT: 11:28:20

THE TOPOGRAPHIC MODEL USED FOR THE TERRAIN CORRECTIONS IS AS FOLLOWS:

FILE: JANICE.TM -- JANICE TOPO GRID,1IN=1000FT,ORG:550+00S,350+00E

COLUMNS: 401 X-AXIS LIMITS: 35.00 TO 75.00

ROWS: 501 Y-AXIS LIMITS: -55.00 TO -5.00

TOPO MODEL MAP SCALE = 1000.0 UNITS/INCH GRID SIZE = .10 INCHES OR 100.00 FEET

DENSITY FACTOR = 2.70

ZONE 1 PARAMETERS: INNER REGION WIDTH: 0.
TOTAL REGION WIDTH: 400.
PRISM SIZE: 100. NO. OF PRISMS = 16

ZONE 2 PARAMETERS: INNER REGION WIDTH: 400.
TOTAL REGION WIDTH: 1600.
PRISM SIZE: 200. NO. OF PRISMS = 68

ZONE 3 PARAMETERS: INNER REGION WIDTH: 1600.
TOTAL REGION WIDTH: 9600.
PRISM SIZE: 400. NO. OF PRISMS = 560

----- ZONE 1 PARAMETERS FOLLOW: JC,KR, X1,X2, Y1,Y2, STATZ,ELEVP, G, CX,CY

1	1	100.	200.	100.	200.	3847.	3874.	.0023318	226.80	289.60
1	2	100.	200.	0.	100.	3847.	3876.	.0067994	226.80	290.60
1	3	100.	200.	0.	100.	3847.	3878.	.0077202	226.80	291.60
1	4	100.	200.	100.	200.	3847.	3880.	.0032885	226.80	292.60
2	1	0.	100.	100.	200.	3847.	3856.	.0006812	227.80	289.60
2	2	0.	100.	0.	100.	3847.	3857.	.0811710	227.80	290.60
2	3	0.	100.	0.	100.	3847.	3858.	.0874350	227.80	291.60
2	4	0.	100.	100.	200.	3847.	3858.	.0009078	227.80	292.60
3	1	0.	100.	100.	200.	3847.	3839.	.0005926	228.80	289.60
3	2	0.	100.	0.	100.	3847.	3838.	.0778625	228.80	290.60
3	3	0.	100.	0.	100.	3847.	3837.	.0819565	228.80	291.60
3	4	0.	100.	100.	200.	3847.	3837.	.0008080	228.80	292.60
4	1	100.	200.	100.	200.	3847.	3821.	.0020740	229.80	289.60
4	2	100.	200.	0.	100.	3847.	3818.	.0064546	229.80	290.60
4	3	100.	200.	0.	100.	3847.	3816.	.0075412	229.80	291.60
4	4	100.	200.	100.	200.	3847.	3815.	.0030978	229.80	292.60

---- ZONE23 PARAMETERS FOLLOW:

ZONE23 - COLUMN 1 CXD, XLFT, XRHT, XLFTGU, XRHTGU, JCSTRT, JCEND, X1, X2

-700.00 -800.00 -600.00 220.30 222.30 221 222 600.00 800.00

THE PRISM DATA IS: K, CYD, Y1, Y2, KGRY1, KGRY2, STATZ, PELEV, G

1	-700.	600.	800.	284	285	3847.	3938.	.00094
2	-500.	400.	600.	286	287	3847.	3946.	.00170
3	-300.	200.	400.	288	289	3847.	3952.	.00278
4	-100.	0.	200.	290	291	3847.	3956.	.00371
5	100.	0.	200.	292	293	3847.	3956.	.00371
6	300.	200.	400.	294	295	3847.	3948.	.00255
7	500.	400.	600.	296	297	3847.	3934.	.00133
8	700.	600.	800.	298	299	3847.	3917.	.00056

ZONE23 - COLUMN 2 CXD, XLFT, XRHT, XLFTGU, XRHTGU, JCSTRT, JCEND, X1, X2

-500.00 -600.00 -400.00 222.30 224.30 223 224 400.00 600.00

THE PRISM DATA IS: K, CYD, Y1, Y2, KGRY1, KGRY2, STATZ, PELEV, G

1	-700.	600.	800.	284	285	3847.	3915.	.00081
2	-500.	400.	600.	286	287	3847.	3916.	.00151
3	-300.	200.	400.	288	289	3847.	3920.	.00302
4	-100.	0.	200.	290	291	3847.	3927.	.00546
5	100.	0.	200.	292	293	3847.	3930.	.00587
6	300.	200.	400.	294	295	3847.	3926.	.00351
7	500.	400.	600.	296	297	3847.	3917.	.00154
8	700.	600.	800.	298	299	3847.	3901.	.00051

ZONE23 - COLUMN 3 CXD, XLFT, XRHT, XLFTGU, XRHTGU, JCSTRT, JCEND, X1, X2

-300.00 -400.00 -200.00 224.30 226.30 225 226 200.00 400.00

THE PRISM DATA IS: K, CYD, Y1, Y2, KGRY1, KGRY2, STATZ, PELEV, G

1	-700.	600.	800.	284	285	3847.	3888.	.00042
2	-500.	400.	600.	286	287	3847.	3887.	.00091
3	-300.	200.	400.	288	289	3847.	3891.	.00294
4	-100.	0.	200.	290	291	3847.	3899.	.01078
5	100.	0.	200.	292	293	3847.	3906.	.01376
6	300.	200.	400.	294	295	3847.	3905.	.00515
7	500.	400.	600.	296	297	3847.	3895.	.00132
8	700.	600.	800.	298	299	3847.	3872.	.00016

ZONE23 - COLUMN 4 CXD, XLFT, XRHT, XLFTGU, XRHTGU, JCSTRT, JCEND, X1, X2

-100.00 -200.00 0. 226.30 228.30 227 228 0. 200.00

THE PRISM DATA IS: K, CYD, Y1, Y2, KGRY1, KGRY2, STATZ, PELEV, G

1	-700.	600.	800.	284	285	3847.	3853.	.00001
2	-500.	400.	600.	286	287	3847.	3857.	.00009
3	-300.	200.	400.	288	289	3847.	3860.	.00063
6	300.	200.	400.	294	295	3847.	3862.	.00084
7	500.	400.	600.	296	297	3847.	3854.	.00004
8	700.	600.	800.	298	299	3847.	3837.	.00003

ZONE23 - COLUMN 5 CXD, XLFT, XRHT, XLFTGU, XRHTGU, JCSTRT, JCEND, X1, X2

100.00 0. 200.00 228.30 230.30 229 230 0. 200.00

THE PRISM DATA IS: K, CYD, Y1, Y2, KGRY1, KGRY2, STATZ, PELEV, G

1	-700.	600.	800.	284	285	3847.	3821.	.00021
2	-500.	400.	600.	286	287	3847.	3826.	.00036
3	-300.	200.	400.	288	289	3847.	3828.	.00155
6	300.	200.	400.	294	295	3847.	3820.	.00296
7	500.	400.	600.	296	297	3847.	3813.	.00101
8	700.	600.	800.	298	299	3847.	3802.	.00062

ZONE23 - COLUMN 6 CXD, XLFT, XRHT, XLFTGU, XRHTGU, JCSTRT, JCEND, X1, X2

.300.00 200.00 400.00 230.30 232.30 231 232 200.00 400.00

THE PRISM DATA IS: K, CYD, Y1, Y2, KGRY1, KGRY2, STATZ, PELEV, G

1	-700.	600.	800.	284	285	3847.	3780.	.00114
2	-500.	400.	600.	286	287	3847.	3793.	.00170
3	-300.	200.	400.	288	289	3847.	3797.	.00394
4	-100.	0.	200.	290	291	3847.	3790.	.01294
5	100.	0.	200.	292	293	3847.	3784.	.01556
6	300.	200.	400.	294	295	3847.	3781.	.00683
7	500.	400.	600.	296	297	3847.	3775.	.00301
8	700.	600.	800.	298	299	3847.	3761.	.00188

ZONE23 - COLUMN 7 CXD, XLFT, XRHT, XLFTGU, XRHTGU, JCSTRT, JCEND, X1, X2

500.00 400.00 600.00 232.30 234.30 233 234 400.00 600.00

THE PRISM DATA IS: K, CYD, Y1, Y2, KGRY1, KGRY2, STATZ, PELEV, G

1	-700.	600.	800.	284	285	3847.	3727.	.00252
2	-500.	400.	600.	286	287	3847.	3744.	.00338
3	-300.	200.	400.	288	289	3847.	3748.	.00559
4	-100.	0.	200.	290	291	3847.	3749.	.00827
5	100.	0.	200.	292	293	3847.	3747.	.00847
6	300.	200.	400.	294	295	3847.	3742.	.00621
7	500.	400.	600.	296	297	3847.	3734.	.00401
8	700.	600.	800.	298	299	3847.	3722.	.00270

ZONE23 - COLUMN 8 CXD, XLFT, XRHT, XLFTGU, XRHTGU, JCSTRT, JCEND, X1, X2

700.00 600.00 800.00 234.30 236.30 235 236 600.00 800.00

THE PRISM DATA IS: K, CYD, Y1,Y2, KGRY1,KGRY2, STATZ,PELEV, G

1	-700.	600.	800.	284	285	3847.	3690.	.00280
2	-500.	400.	600.	286	287	3847.	3701.	.00367
3	-300.	200.	400.	288	289	3847.	3700.	.00538
4	-100.	0.	200.	290	291	3847.	3709.	.00594
5	100.	0.	200.	292	293	3847.	3714.	.00551
6	300.	200.	400.	294	295	3847.	3706.	.00493
7	500.	400.	600.	296	297	3847.	3697.	.00386
8	700.	600.	800.	298	299	3847.	3688.	.00285

---- ZONE23 PARAMETERS FOLLOW:

ZONE23 - COLUMN 1 CXD, XLFT, XRHT, XLFTGU, XRHTGU, JCSTRT, JCEND, X1, X2

-4600.00-4800.00-4400.00 180.30 184.30 181 184 4400.00 4800.00

THE PRISM DATA IS: K, CYD, Y1, Y2, KGRY1, KGRY2, STATZ, PELEV, G

1	-4600.	4400.	4800.	244	247	3847.	4044.	.00006
2	-4200.	4000.	4400.	248	251	3847.	4002.	.00004
3	-3800.	3600.	4000.	252	255	3847.	3959.	.00002
4	-3400.	3200.	3600.	256	259	3847.	3917.	.00001
5	-3000.	2800.	3200.	260	263	3847.	3891.	.00001
6	-2600.	2400.	2800.	264	267	3847.	3881.	.00000
7	-2200.	2000.	2400.	268	271	3847.	3870.	.00000
8	-1800.	1600.	2000.	272	275	3847.	3860.	.00000
9	-1400.	1200.	1600.	276	279	3847.	3849.	.00000
10	-1000.	800.	1200.	280	283	3847.	3837.	.00000
11	-600.	400.	800.	284	287	3847.	3821.	.00000
12	-200.	0.	400.	288	291	3847.	3801.	.00001
13	200.	0.	400.	292	295	3847.	3782.	.00002
14	600.	400.	800.	296	299	3847.	3759.	.00003
15	1000.	800.	1200.	300	303	3847.	3734.	.00005
16	1400.	1200.	1600.	304	307	3847.	3710.	.00007
17	1800.	1600.	2000.	308	311	3847.	3697.	.00008
18	2200.	2000.	2400.	312	315	3847.	3670.	.00010
19	2600.	2400.	2800.	316	319	3847.	3605.	.00018
20	3000.	2800.	3200.	320	323	3847.	3532.	.00026
21	3400.	3200.	3600.	324	327	3847.	3480.	.00032
22	3800.	3600.	4000.	328	331	3847.	3460.	.00031
23	4200.	4000.	4400.	332	335	3847.	3425.	.00032
24	4600.	4400.	4800.	336	339	3847.	3338.	.00041

ZONE23 - COLUMN 2 CXD, XLFT, XRHT, XLFTGU, XRHTGU, JCSTRT, JCEND, X1, X2

-4200.00-4400.00-4000.00 184.30 188.30 185 188 4000.00 4400.00

THE PRISM DATA IS: K, CYD, Y1, Y2, KGRY1, KGRY2, STATZ, PELEV, G

1	-4600.	4400.	4800.	244	247	3847.	4004.	.00004
2	-4200.	4000.	4400.	248	251	3847.	3975.	.00003
3	-3800.	3600.	4000.	252	255	3847.	3940.	.00002
4	-3400.	3200.	3600.	256	259	3847.	3906.	.00001
5	-3000.	2800.	3200.	260	263	3847.	3894.	.00001
6	-2600.	2400.	2800.	264	267	3847.	3887.	.00001
7	-2200.	2000.	2400.	268	271	3847.	3880.	.00000
8	-1800.	1600.	2000.	272	275	3847.	3872.	.00000
9	-1400.	1200.	1600.	276	279	3847.	3865.	.00000
10	-1000.	800.	1200.	280	283	3847.	3859.	.00000
11	-600.	400.	800.	284	287	3847.	3848.	.00000
12	-200.	0.	400.	288	291	3847.	3831.	.00000
13	200.	0.	400.	292	295	3847.	3810.	.00001
14	600.	400.	800.	296	299	3847.	3785.	.00002

15	1000.	800.	1200.	300	303	3847.	3759.	.00004
16	1400.	1200.	1600.	304	307	3847.	3736.	.00006
17	1800.	1600.	2000.	308	311	3847.	3721.	.00007
18	2200.	2000.	2400.	312	315	3847.	3702.	.00009
19	2600.	2400.	2800.	316	319	3847.	3634.	.00017
20	3000.	2800.	3200.	320	323	3847.	3564.	.00025
21	3400.	3200.	3600.	324	327	3847.	3507.	.00032
22	3800.	3600.	4000.	328	331	3847.	3496.	.00030
23	4200.	4000.	4400.	332	335	3847.	3480.	.00028
24	4600.	4400.	4800.	336	339	3847.	3372.	.00041

ZONE23 - COLUMN 3 CXD, XLFT, XRHT, XLFTGU, XRHTGU, JCSTRT, JCEND, X1, X2

-3800.00-4000.00-3600.00 188.30 192.30 189 192 3600.00 4000.00

THE PRISM DATA IS: K, CYD, Y1, Y2, KGRY1, KGRY2, STATZ, PELEV, G

1	-4600.	4400.	4800.	244	247	3847.	3970.	.00003
2	-4200.	4000.	4400.	248	251	3847.	3949.	.00002
3	-3800.	3600.	4000.	252	255	3847.	3924.	.00002
4	-3400.	3200.	3600.	256	259	3847.	3899.	.00001
5	-3000.	2800.	3200.	260	263	3847.	3895.	.00001
6	-2600.	2400.	2800.	264	267	3847.	3891.	.00001
7	-2200.	2000.	2400.	268	271	3847.	3887.	.00001
8	-1800.	1600.	2000.	272	275	3847.	3883.	.00001
9	-1400.	1200.	1600.	276	279	3847.	3880.	.00001
10	-1000.	800.	1200.	280	283	3847.	3881.	.00001
11	-600.	400.	800.	284	287	3847.	3878.	.00001
12	-200.	0.	400.	288	291	3847.	3866.	.00000
13	200.	0.	400.	292	295	3847.	3841.	.00000
14	600.	400.	800.	296	299	3847.	3810.	.00001
15	1000.	800.	1200.	300	303	3847.	3780.	.00003
16	1400.	1200.	1600.	304	307	3847.	3755.	.00006
17	1800.	1600.	2000.	308	311	3847.	3733.	.00008
18	2200.	2000.	2400.	312	315	3847.	3709.	.00010
19	2600.	2400.	2800.	316	319	3847.	3654.	.00017
20	3000.	2800.	3200.	320	323	3847.	3586.	.00026
21	3400.	3200.	3600.	324	327	3847.	3540.	.00031
22	3800.	3600.	4000.	328	331	3847.	3516.	.00031
23	4200.	4000.	4400.	332	335	3847.	3504.	.00028
24	4600.	4400.	4800.	336	339	3847.	3407.	.00040

ZONE23 - COLUMN 4 CXD, XLFT, XRHT, XLFTGU, XRHTGU, JCSTRT, JCEND, X1, X2

-3400.00-3600.00-3200.00 192.30 196.30 193 196 3200.00 3600.00

THE PRISM DATA IS: K, CYD, Y1, Y2, KGRY1, KGRY2, STATZ, PELEV, G

1	-4600.	4400.	4800.	244	247	3847.	3938.	.00002
2	-4200.	4000.	4400.	248	251	3847.	3928.	.00002
3	-3800.	3600.	4000.	252	255	3847.	3915.	.00001
4	-3400.	3200.	3600.	256	259	3847.	3902.	.00001
5	-3000.	2800.	3200.	260	263	3847.	3896.	.00001
6	-2600.	2400.	2800.	264	267	3847.	3893.	.00001

7	-2200.	2000.	2400.	268	271	3847.	3892.	.00001
8	-1800.	1600.	2000.	272	275	3847.	3892.	.00002
9	-1400.	1200.	1600.	276	279	3847.	3893.	.00002
10	-1000.	800.	1200.	280	283	3847.	3900.	.00003
11	-600.	400.	800.	284	287	3847.	3909.	.00004
12	-200.	0.	400.	288	291	3847.	3903.	.00003
13	200.	0.	400.	292	295	3847.	3877.	.00001
14	600.	400.	800.	296	299	3847.	3841.	.00000
15	1000.	800.	1200.	300	303	3847.	3798.	.00002
16	1400.	1200.	1600.	304	307	3847.	3769.	.00005
17	1800.	1600.	2000.	308	311	3847.	3743.	.00008
18	2200.	2000.	2400.	312	315	3847.	3717.	.00011
19	2600.	2400.	2800.	316	319	3847.	3665.	.00019
20	3000.	2800.	3200.	320	323	3847.	3596.	.00030
21	3400.	3200.	3600.	324	327	3847.	3558.	.00033
22	3800.	3600.	4000.	328	331	3847.	3530.	.00033
23	4200.	4000.	4400.	332	335	3847.	3506.	.00033
24	4600.	4400.	4800.	336	339	3847.	3428.	.00041

ZONE23 - COLUMN 5 CXD, XLFT, XRHT, XLFTGU, XRHTGU, JCSTRT, JCEND, X1, X2

-3000.00-3200.00-2800.00 196.30 200.30 197 200 2800.00 3200.00

THE PRISM DATA IS: K, CYD, Y1, Y2, KGRY1, KGRY2, STATZ, PELEV, G

1	-4600.	4400.	4800.	244	247	3847.	3907.	.00001
2	-4200.	4000.	4400.	248	251	3847.	3910.	.00001
3	-3800.	3600.	4000.	252	255	3847.	3909.	.00001
4	-3400.	3200.	3600.	256	259	3847.	3901.	.00001
5	-3000.	2800.	3200.	260	263	3847.	3897.	.00001
6	-2600.	2400.	2800.	264	267	3847.	3894.	.00002
7	-2200.	2000.	2400.	268	271	3847.	3894.	.00002
8	-1800.	1600.	2000.	272	275	3847.	3896.	.00002
9	-1400.	1200.	1600.	276	279	3847.	3905.	.00004
10	-1000.	800.	1200.	280	283	3847.	3928.	.00009
11	-600.	400.	800.	284	287	3847.	3943.	.00014
12	-200.	0.	400.	288	291	3847.	3939.	.00014
13	200.	0.	400.	292	295	3847.	3917.	.00008
14	600.	400.	800.	296	299	3847.	3881.	.00002
15	1000.	800.	1200.	300	303	3847.	3828.	.00001
16	1400.	1200.	1600.	304	307	3847.	3787.	.00004
17	1800.	1600.	2000.	308	311	3847.	3751.	.00009
18	2200.	2000.	2400.	312	315	3847.	3713.	.00015
19	2600.	2400.	2800.	316	319	3847.	3657.	.00025
20	3000.	2800.	3200.	320	323	3847.	3594.	.00037
21	3400.	3200.	3600.	324	327	3847.	3561.	.00039
22	3800.	3600.	4000.	328	331	3847.	3533.	.00038
23	4200.	4000.	4400.	332	335	3847.	3505.	.00037
24	4600.	4400.	4800.	336	339	3847.	3438.	.00044

ZONE23 - COLUMN 6 CXD, XLFT, XRHT, XLFTGU, XRHTGU, JCSTRT, JCEND, X1, X2

-2600.00-2800.00-2400.00 200.30 204.30 201 204 2400.00 2800.00

THE PRISM DATA IS: K, CYD, Y1,Y2, KGRY1,KGRY2, STATZ,PELEV, G

1	-4600.	4400.	4800.	244	247	3847.	3879.	.00000
2	-4200.	4000.	4400.	248	251	3847.	3891.	.00001
3	-3800.	3600.	4000.	252	255	3847.	3893.	.00001
4	-3400.	3200.	3600.	256	259	3847.	3886.	.00001
5	-3000.	2800.	3200.	260	263	3847.	3886.	.00001
6	-2600.	2400.	2800.	264	267	3847.	3888.	.00001
7	-2200.	2000.	2400.	268	271	3847.	3893.	.00002
8	-1800.	1600.	2000.	272	275	3847.	3897.	.00003
9	-1400.	1200.	1600.	276	279	3847.	3921.	.00009
10	-1000.	800.	1200.	280	283	3847.	3962.	.00027
11	-600.	400.	800.	284	287	3847.	3987.	.00045
12	-200.	0.	400.	288	291	3847.	3989.	.00050
13	200.	0.	400.	292	295	3847.	3965.	.00035
14	600.	400.	800.	296	299	3847.	3915.	.00011
15	1000.	800.	1200.	300	303	3847.	3857.	.00000
16	1400.	1200.	1600.	304	307	3847.	3806.	.00003
17	1800.	1600.	2000.	308	311	3847.	3757.	.00011
18	2200.	2000.	2400.	312	315	3847.	3707.	.00022
19	2600.	2400.	2800.	316	319	3847.	3648.	.00035
20	3000.	2800.	3200.	320	323	3847.	3592.	.00046
21	3400.	3200.	3600.	324	327	3847.	3557.	.00047
22	3800.	3600.	4000.	328	331	3847.	3525.	.00047
23	4200.	4000.	4400.	332	335	3847.	3490.	.00046
24	4600.	4400.	4800.	336	339	3847.	3434.	.00051

ZONE23 - COLUMN 7 CXD, XLFT, XRHT, XLFTGU, XRHTGU, JCSTRT, JCEND, X1, X2

-2200.00-2400.00-2000.00 204.30 208.30 205 208 2000.00 2400.00

THE PRISM DATA IS: K, CYD, Y1,Y2, KGRY1,KGRY2, STATZ,PELEV, G

1	-4600.	4400.	4800.	244	247	3847.	3850.	.00000
2	-4200.	4000.	4400.	248	251	3847.	3858.	.00000
3	-3800.	3600.	4000.	252	255	3847.	3860.	.00000
4	-3400.	3200.	3600.	256	259	3847.	3861.	.00000
5	-3000.	2800.	3200.	260	263	3847.	3866.	.00000
6	-2600.	2400.	2800.	264	267	3847.	3874.	.00001
7	-2200.	2000.	2400.	268	271	3847.	3886.	.00002
8	-1800.	1600.	2000.	272	275	3847.	3899.	.00005
9	-1400.	1200.	1600.	276	279	3847.	3939.	.00021
10	-1000.	800.	1200.	280	283	3847.	3992.	.00066
11	-600.	400.	800.	284	287	3847.	4005.	.00093
12	-200.	0.	400.	288	291	3847.	4005.	.00103
13	200.	0.	400.	292	295	3847.	3998.	.00094
14	600.	400.	800.	296	299	3847.	3937.	.00030
15	1000.	800.	1200.	300	303	3847.	3871.	.00002
16	1400.	1200.	1600.	304	307	3847.	3816.	.00002
17	1800.	1600.	2000.	308	311	3847.	3759.	.00015
18	2200.	2000.	2400.	312	315	3847.	3700.	.00031
19	2600.	2400.	2800.	316	319	3847.	3641.	.00047
20	3000.	2800.	3200.	320	323	3847.	3587.	.00058
21	3400.	3200.	3600.	324	327	3847.	3548.	.00059

22	3800.	3600.	4000.	328	331	3847.	3511.	.00058
23	4200.	4000.	4400.	332	335	3847.	3468.	.00059
24	4600.	4400.	4800.	336	339	3847.	3417.	.00061

ZONE23 - COLUMN 8 CXD, XLFT, XRHT, XLFTGU, XRHTGU, JCSTRT, JCEND, X1, X2

-1800.00-2000.00-1600.00 208.30 212.30 209 212 1600.00 2000.00

THE PRISM DATA IS: K, CYD, Y1, Y2, KGRY1, KGRY2, STATZ, PELEV, G

1	-4600.	4400.	4800.	244	247	3847.	3818.	.00000
2	-4200.	4000.	4400.	248	251	3847.	3823.	.00000
3	-3800.	3600.	4000.	252	255	3847.	3826.	.00000
4	-3400.	3200.	3600.	256	259	3847.	3832.	.00000
5	-3000.	2800.	3200.	260	263	3847.	3842.	.00000
6	-2600.	2400.	2800.	264	267	3847.	3855.	.00000
7	-2200.	2000.	2400.	268	271	3847.	3872.	.00001
8	-1800.	1600.	2000.	272	275	3847.	3894.	.00006
9	-1400.	1200.	1600.	276	279	3847.	3946.	.00037
10	-1000.	800.	1200.	280	283	3847.	4003.	.00123
11	-600.	400.	800.	284	287	3847.	4006.	.00165
12	-200.	0.	400.	288	291	3847.	4006.	.00188
13	200.	0.	400.	292	295	3847.	4004.	.00183
14	600.	400.	800.	296	299	3847.	3961.	.00085
15	1000.	800.	1200.	300	303	3847.	3892.	.00010
16	1400.	1200.	1600.	304	307	3847.	3825.	.00002
17	1800.	1600.	2000.	308	311	3847.	3761.	.00020
18	2200.	2000.	2400.	312	315	3847.	3695.	.00044
19	2600.	2400.	2800.	316	319	3847.	3630.	.00066
20	3000.	2800.	3200.	320	323	3847.	3578.	.00074
21	3400.	3200.	3600.	324	327	3847.	3537.	.00074
22	3800.	3600.	4000.	328	331	3847.	3497.	.00072
23	4200.	4000.	4400.	332	335	3847.	3449.	.00073
24	4600.	4400.	4800.	336	339	3847.	3400.	.00072

ZONE23 - COLUMN 9 CXD, XLFT, XRHT, XLFTGU, XRHTGU, JCSTRT, JCEND, X1, X2

-1400.00-1600.00-1200.00 212.30 216.30 213 216 1200.00 1600.00

THE PRISM DATA IS: K, CYD, Y1, Y2, KGRY1, KGRY2, STATZ, PELEV, G

1	-4600.	4400.	4800.	244	247	3847.	3788.	.00002
2	-4200.	4000.	4400.	248	251	3847.	3793.	.00001
3	-3800.	3600.	4000.	252	255	3847.	3795.	.00002
4	-3400.	3200.	3600.	256	259	3847.	3800.	.00002
5	-3000.	2800.	3200.	260	263	3847.	3814.	.00001
6	-2600.	2400.	2800.	264	267	3847.	3829.	.00001
7	-2200.	2000.	2400.	268	271	3847.	3851.	.00000
8	-1800.	1600.	2000.	272	275	3847.	3880.	.00004
9	-1400.	1200.	1600.	276	279	3847.	3926.	.00036
10	-1000.	800.	1200.	280	283	3847.	3990.	.00178
11	-600.	400.	800.	284	287	3847.	4006.	.00321
12	-200.	0.	400.	288	291	3847.	4006.	.00399
13	200.	0.	400.	292	295	3847.	4004.	.00392

14	600.	400.	800.	296	299	3847.	3967.	.00184
15	1000.	800.	1200.	300	303	3847.	3902.	.00027
16	1400.	1200.	1600.	304	307	3847.	3828.	.00002
17	1800.	1600.	2000.	308	311	3847.	3758.	.00030
18	2200.	2000.	2400.	312	315	3847.	3688.	.00063
19	2600.	2400.	2800.	316	319	3847.	3616.	.00091
20	3000.	2800.	3200.	320	323	3847.	3567.	.00095
21	3400.	3200.	3600.	324	327	3847.	3524.	.00092
22	3800.	3600.	4000.	328	331	3847.	3480.	.00089
23	4200.	4000.	4400.	332	335	3847.	3430.	.00088
24	4600.	4400.	4800.	336	339	3847.	3387.	.00083

ZONE23 - COLUMN 10 CXD, XLFT, XRHT, XLFTGU, XRHTGU, JCSTRT, JCEND, X1, X2

-1000.00-1200.00 -800.00 216.30 220.30 217 220 800.00 1200.00

THE PRISM DATA IS: K, CYD, Y1, Y2, KGRY1, KGRY2, STATZ, PELEV, G

1	-4600.	4400.	4800.	244	247	3847.	3761.	.00004
2	-4200.	4000.	4400.	248	251	3847.	3769.	.00003
3	-3800.	3600.	4000.	252	255	3847.	3774.	.00004
4	-3400.	3200.	3600.	256	259	3847.	3780.	.00004
5	-3000.	2800.	3200.	260	263	3847.	3789.	.00005
6	-2600.	2400.	2800.	264	267	3847.	3801.	.00004
7	-2200.	2000.	2400.	268	271	3847.	3827.	.00001
8	-1800.	1600.	2000.	272	275	3847.	3857.	.00000
9	-1400.	1200.	1600.	276	279	3847.	3897.	.00022
10	-1000.	800.	1200.	280	283	3847.	3948.	.00162
11	-600.	400.	800.	284	287	3847.	3983.	.00528
12	-200.	0.	400.	288	291	3847.	3997.	.00963
13	200.	0.	400.	292	295	3847.	3992.	.00901
14	600.	400.	800.	296	299	3847.	3950.	.00307
15	1000.	800.	1200.	300	303	3847.	3891.	.00031
16	1400.	1200.	1600.	304	307	3847.	3816.	.00008
17	1800.	1600.	2000.	308	311	3847.	3747.	.00051
18	2200.	2000.	2400.	312	315	3847.	3679.	.00089
19	2600.	2400.	2800.	316	319	3847.	3604.	.00120
20	3000.	2800.	3200.	320	323	3847.	3555.	.00118
21	3400.	3200.	3600.	324	327	3847.	3511.	.00111
22	3800.	3600.	4000.	328	331	3847.	3463.	.00107
23	4200.	4000.	4400.	332	335	3847.	3412.	.00103
24	4600.	4400.	4800.	336	339	3847.	3375.	.00094

ZONE23 - COLUMN 11 CXD, XLFT, XRHT, XLFTGU, XRHTGU, JCSTRT, JCEND, X1, X2

-600.00 -800.00 -400.00 220.30 224.30 221 224 400.00 800.00

THE PRISM DATA IS: K, CYD, Y1, Y2, KGRY1, KGRY2, STATZ, PELEV, G

1	-4600.	4400.	4800.	244	247	3847.	3736.	.00006
2	-4200.	4000.	4400.	248	251	3847.	3747.	.00006
3	-3800.	3600.	4000.	252	255	3847.	3754.	.00007
4	-3400.	3200.	3600.	256	259	3847.	3761.	.00008
5	-3000.	2800.	3200.	260	263	3847.	3769.	.00010

6	-2600.	2400.	2800.	264	267	3847.	3780.	.00010
7	-2200.	2000.	2400.	268	271	3847.	3798.	.00009
8	-1800.	1600.	2000.	272	275	3847.	3820.	.00005
9	-1400.	1200.	1600.	276	279	3847.	3865.	.00004
10	-1000.	800.	1200.	280	283	3847.	3912.	.00120
15	1000.	800.	1200.	300	303	3847.	3862.	.00006
16	1400.	1200.	1600.	304	307	3847.	3787.	.00047
17	1800.	1600.	2000.	308	311	3847.	3726.	.00096
18	2200.	2000.	2400.	312	315	3847.	3661.	.00128
19	2600.	2400.	2800.	316	319	3847.	3592.	.00151
20	3000.	2800.	3200.	320	323	3847.	3543.	.00141
21	3400.	3200.	3600.	324	327	3847.	3497.	.00131
22	3800.	3600.	4000.	328	331	3847.	3447.	.00123
23	4200.	4000.	4400.	332	335	3847.	3396.	.00117
24	4600.	4400.	4800.	336	339	3847.	3363.	.00102

ZONE23 - COLUMN 12 CXD, XLFT, XRHT, XLFTGU, XRHTGU, JCSTRT, JCEND, X1, X2

-200.00 -400.00 0. 224.30 228.30 225 228 0. 400.00

THE PRISM DATA IS: K, CYD, Y1, Y2, KGRY1, KGRY2, STATZ, PELEV, G

1	-4600.	4400.	4800.	244	247	3847.	3716.	.00007
2	-4200.	4000.	4400.	248	251	3847.	3727.	.00009
3	-3800.	3600.	4000.	252	255	3847.	3736.	.00021
4	-3400.	3200.	3600.	256	259	3847.	3742.	.00012
5	-3000.	2800.	3200.	260	263	3847.	3745.	.00017
6	-2600.	2400.	2800.	264	267	3847.	3749.	.00024
7	-2200.	2000.	2400.	268	271	3847.	3758.	.00033
8	-1800.	1600.	2000.	272	275	3847.	3777.	.00037
9	-1400.	1200.	1600.	276	279	3847.	3814.	.00020
10	-1000.	800.	1200.	280	283	3847.	3857.	.00005
15	1000.	800.	1200.	300	303	3847.	3818.	.00040
16	1400.	1200.	1600.	304	307	3847.	3752.	.00143
17	1800.	1600.	2000.	308	311	3847.	3696.	.00171
18	2200.	2000.	2400.	312	315	3847.	3638.	.00180
19	2600.	2400.	2800.	316	319	3847.	3581.	.00176
20	3000.	2800.	3200.	320	323	3847.	3531.	.00161
21	3400.	3200.	3600.	324	327	3847.	3484.	.00146
22	3800.	3600.	4000.	328	331	3847.	3437.	.00134
23	4200.	4000.	4400.	332	335	3847.	3390.	.00122
24	4600.	4400.	4800.	336	339	3847.	3351.	.00111

ZONE23 - COLUMN 13 CXD, XLFT, XRHT, XLFTGU, XRHTGU, JCSTRT, JCEND, X1, X2

200.00 0. 400.00 228.30 232.30 229 232 0. 400.00

THE PRISM DATA IS: K, CYD, Y1, Y2, KGRY1, KGRY2, STATZ, PELEV, G

1	-4600.	4400.	4800.	244	247	3847.	3694.	.00010
2	-4200.	4000.	4400.	248	251	3847.	3709.	.00011
3	-3800.	3600.	4000.	252	255	3847.	3720.	.00013
4	-3400.	3200.	3600.	256	259	3847.	3724.	.00017
5	-3000.	2800.	3200.	260	263	3847.	3723.	.00013

6	-2600.	2400.	2800.	264	267	3847.	3714.	.00044
7	-2200.	2000.	2400.	268	271	3847.	3711.	.00076
8	-1800.	1600.	2000.	272	275	3847.	3726.	.00121
9	-1400.	1200.	1600.	276	279	3847.	3751.	.00137
10	-1000.	800.	1200.	280	283	3847.	3788.	.00155
15	1000.	800.	1200.	300	303	3847.	3751.	.00398
16	1400.	1200.	1600.	304	307	3847.	3698.	.00352
17	1800.	1600.	2000.	308	311	3847.	3659.	.00263
18	2200.	2000.	2400.	312	315	3847.	3612.	.00226
19	2600.	2400.	2800.	316	319	3847.	3564.	.00225
20	3000.	2800.	3200.	320	323	3847.	3518.	.00174
21	3400.	3200.	3600.	324	327	3847.	3472.	.00155
22	3800.	3600.	4000.	328	331	3847.	3428.	.00139
23	4200.	4000.	4400.	332	335	3847.	3384.	.00126
24	4600.	4400.	4800.	336	339	3847.	3335.	.00116

ZONE23 - COLUMN 14 CXD, XLFT, XRHT, XLFTGU, XRHTGU, JCSTRT, JCEND, X1, X2

600.00 400.00 800.00 232.30 236.30 233 236 400.00 800.00

THE PRISM DATA IS: K, CYD, Y1, Y2, KGRY1, KGRY2, STATZ, PELEV, G

1	-4600.	4400.	4800.	244	247	3847.	3669.	.00014
2	-4200.	4000.	4400.	248	251	3847.	3698.	.00013
3	-3800.	3600.	4000.	252	255	3847.	3710.	.00015
4	-3400.	3200.	3600.	256	259	3847.	3711.	.00020
5	-3000.	2800.	3200.	260	263	3847.	3708.	.00030
6	-2600.	2400.	2800.	264	267	3847.	3691.	.00056
7	-2200.	2000.	2400.	268	271	3847.	3679.	.00106
8	-1800.	1600.	2000.	272	275	3847.	3680.	.00182
9	-1400.	1200.	1600.	276	279	3847.	3682.	.00343
10	-1000.	800.	1200.	280	283	3847.	3689.	.00718
15	1000.	800.	1200.	300	303	3847.	3682.	.00778
16	1400.	1200.	1600.	304	307	3847.	3656.	.00460
17	1800.	1600.	2000.	308	311	3847.	3627.	.00315
18	2200.	2000.	2400.	312	315	3847.	3584.	.00257
19	2600.	2400.	2800.	316	319	3847.	3541.	.00216
20	3000.	2800.	3200.	320	323	3847.	3500.	.00184
21	3400.	3200.	3600.	324	327	3847.	3458.	.00161
22	3800.	3600.	4000.	328	331	3847.	3415.	.00144
23	4200.	4000.	4400.	332	335	3847.	3369.	.00131
24	4600.	4400.	4800.	336	339	3847.	3317.	.00122

ZONE23 - COLUMN 15 CXD, XLFT, XRHT, XLFTGU, XRHTGU, JCSTRT, JCEND, X1, X2

1000.00 800.00 1200.00 236.30 240.30 237 240 800.00 1200.00

THE PRISM DATA IS: K, CYD, Y1, Y2, KGRY1, KGRY2, STATZ, PELEV, G

1	-4600.	4400.	4800.	244	247	3847.	3645.	.00017
2	-4200.	4000.	4400.	248	251	3847.	3681.	.00015
3	-3800.	3600.	4000.	252	255	3847.	3701.	.00015
4	-3400.	3200.	3600.	256	259	3847.	3693.	.00023
5	-3000.	2800.	3200.	260	263	3847.	3683.	.00038

6	-2600.	2400.	2800.	264	267	3847.	3663.	.00069
7	-2200.	2000.	2400.	268	271	3847.	3646.	.00127
8	-1800.	1600.	2000.	272	275	3847.	3640.	.00217
9	-1400.	1200.	1600.	276	279	3847.	3639.	.00377
10	-1000.	800.	1200.	280	283	3847.	3641.	.00668
11	-600.	400.	800.	284	287	3847.	3652.	.01074
12	-200.	0.	400.	288	291	3847.	3659.	.01504
13	200.	0.	400.	292	295	3847.	3659.	.01507
14	600.	400.	800.	296	299	3847.	3642.	.01193
15	1000.	800.	1200.	300	303	3847.	3627.	.00759
16	1400.	1200.	1600.	304	307	3847.	3616.	.00462
17	1800.	1600.	2000.	308	311	3847.	3592.	.00328
18	2200.	2000.	2400.	312	315	3847.	3551.	.00273
19	2600.	2400.	2800.	316	319	3847.	3512.	.00227
20	3000.	2800.	3200.	320	323	3847.	3476.	.00190
21	3400.	3200.	3600.	324	327	3847.	3438.	.00164
22	3800.	3600.	4000.	328	331	3847.	3400.	.00144
23	4200.	4000.	4400.	332	335	3847.	3355.	.00131
24	4600.	4400.	4800.	336	339	3847.	3309.	.00121

ZONE23 - COLUMN 16 CXD, XLFT, XRHT, XLFTGU, XRHTGU, JCSTRT, JCEND, X1, X2

1400.00 1200.00 1600.00 240.30 244.30 241 244 1200.00 1600.00

THE PRISM DATA IS: K, CYD, Y1, Y2, KGRY1, KGRY2, STATZ, PELEV, G

1	-4600.	4400.	4800.	244	247	3847.	3613.	.00022
2	-4200.	4000.	4400.	248	251	3847.	3640.	.00022
3	-3800.	3600.	4000.	252	255	3847.	3655.	.00025
4	-3400.	3200.	3600.	256	259	3847.	3650.	.00034
5	-3000.	2800.	3200.	260	263	3847.	3640.	.00052
6	-2600.	2400.	2800.	264	267	3847.	3625.	.00085
7	-2200.	2000.	2400.	268	271	3847.	3605.	.00146
8	-1800.	1600.	2000.	272	275	3847.	3598.	.00231
9	-1400.	1200.	1600.	276	279	3847.	3595.	.00362
10	-1000.	800.	1200.	280	283	3847.	3592.	.00565
11	-600.	400.	800.	284	287	3847.	3600.	.00766
12	-200.	0.	400.	288	291	3847.	3599.	.00962
13	200.	0.	400.	292	295	3847.	3592.	.01011
14	600.	400.	800.	296	299	3847.	3577.	.00908
15	1000.	800.	1200.	300	303	3847.	3567.	.00675
16	1400.	1200.	1600.	304	307	3847.	3558.	.00473
17	1800.	1600.	2000.	308	311	3847.	3538.	.00353
18	2200.	2000.	2400.	312	315	3847.	3508.	.00284
19	2600.	2400.	2800.	316	319	3847.	3478.	.00231
20	3000.	2800.	3200.	320	323	3847.	3448.	.00191
21	3400.	3200.	3600.	324	327	3847.	3415.	.00164
22	3800.	3600.	4000.	328	331	3847.	3378.	.00144
23	4200.	4000.	4400.	332	335	3847.	3339.	.00130
24	4600.	4400.	4800.	336	339	3847.	3302.	.00117

ZONE23 - COLUMN 17 CXD, XLFT, XRHT, XLFTGU, XRHTGU, JCSTRT, JCEND, X1, X2

1800.00 1600.00 2000.00 244.30 248.30 245 248 1600.00 2000.00

THE PRISM DATA IS: K, CYD, Y1,Y2, KGRY1,KGRY2, STATZ,PELEV, G

1	-4600.	4400.	4800.	244	247	3847.	3571.	.00028
2	-4200.	4000.	4400.	248	251	3847.	3594.	.00029
3	-3800.	3600.	4000.	252	255	3847.	3602.	.00036
4	-3400.	3200.	3600.	256	259	3847.	3600.	.00047
5	-3000.	2800.	3200.	260	263	3847.	3597.	.00064
6	-2600.	2400.	2800.	264	267	3847.	3580.	.00099
7	-2200.	2000.	2400.	268	271	3847.	3557.	.00161
8	-1800.	1600.	2000.	272	275	3847.	3544.	.00245
9	-1400.	1200.	1600.	276	279	3847.	3542.	.00345
10	-1000.	800.	1200.	280	283	3847.	3543.	.00465
11	-600.	400.	800.	284	287	3847.	3543.	.00592
12	-200.	0.	400.	288	291	3847.	3538.	.00704
13	200.	0.	400.	292	295	3847.	3526.	.00758
14	600.	400.	800.	296	299	3847.	3514.	.00709
15	1000.	800.	1200.	300	303	3847.	3506.	.00583
16	1400.	1200.	1600.	304	307	3847.	3497.	.00450
17	1800.	1600.	2000.	308	311	3847.	3487.	.00343
18	2200.	2000.	2400.	312	315	3847.	3468.	.00273
19	2600.	2400.	2800.	316	319	3847.	3445.	.00223
20	3000.	2800.	3200.	320	323	3847.	3420.	.00186
21	3400.	3200.	3600.	324	327	3847.	3389.	.00161
22	3800.	3600.	4000.	328	331	3847.	3353.	.00143
23	4200.	4000.	4400.	332	335	3847.	3316.	.00129
24	4600.	4400.	4800.	336	339	3847.	3283.	.00115

ZONE23 - COLUMN 18 CXD, XLFT,XRHT, XLFTGU,XRHTGU, JCSTRT,JCEND, X1,X2

2200.00 2000.00 2400.00 248.30 252.30 249 252 2000.00 2400.00

THE PRISM DATA IS: K, CYD, Y1,Y2, KGRY1,KGRY2, STATZ,PELEV, G

1	-4600.	4400.	4800.	244	247	3847.	3518.	.00036
2	-4200.	4000.	4400.	248	251	3847.	3527.	.00042
3	-3800.	3600.	4000.	252	255	3847.	3530.	.00052
4	-3400.	3200.	3600.	256	259	3847.	3528.	.00067
5	-3000.	2800.	3200.	260	263	3847.	3523.	.00089
6	-2600.	2400.	2800.	264	267	3847.	3517.	.00121
7	-2200.	2000.	2400.	268	271	3847.	3503.	.00172
8	-1800.	1600.	2000.	272	275	3847.	3489.	.00244
9	-1400.	1200.	1600.	276	279	3847.	3489.	.00315
10	-1000.	800.	1200.	280	283	3847.	3491.	.00392
11	-600.	400.	800.	284	287	3847.	3489.	.00471
12	-200.	0.	400.	288	291	3847.	3482.	.00538
13	200.	0.	400.	292	295	3847.	3471.	.00570
14	600.	400.	800.	296	299	3847.	3464.	.00539
15	1000.	800.	1200.	300	303	3847.	3456.	.00470
16	1400.	1200.	1600.	304	307	3847.	3451.	.00386
17	1800.	1600.	2000.	308	311	3847.	3443.	.00311
18	2200.	2000.	2400.	312	315	3847.	3429.	.00253
19	2600.	2400.	2800.	316	319	3847.	3410.	.00211
20	3000.	2800.	3200.	320	323	3847.	3386.	.00180
21	3400.	3200.	3600.	324	327	3847.	3355.	.00159

22	3800.	3600.	4000.	328	331	3847.	3327.	.00139
23	4200.	4000.	4400.	332	335	3847.	3294.	.00125
24	4600.	4400.	4800.	336	339	3847.	3263.	.00112

ZONE23 - COLUMN 19 CXD, XLFT, XRHT, XLFTGU, XRHTGU, JCSTRT, JCEND, X1, X2

2600.00 2400.00 2800.00 252.30 256.30 253 256 2400.00 2800.00

THE PRISM DATA IS: K, CYD, Y1, Y2, KGRY1, KGRY2, STATZ, PELEV, G

1	-4600.	4400.	4800.	244	247	3847.	3466.	.00043
2	-4200.	4000.	4400.	248	251	3847.	3469.	.00052
3	-3800.	3600.	4000.	252	255	3847.	3469.	.00064
4	-3400.	3200.	3600.	256	259	3847.	3467.	.00081
5	-3000.	2800.	3200.	260	263	3847.	3465.	.00102
6	-2600.	2400.	2800.	264	267	3847.	3461.	.00131
7	-2200.	2000.	2400.	268	271	3847.	3452.	.00172
8	-1800.	1600.	2000.	272	275	3847.	3446.	.00222
9	-1400.	1200.	1600.	276	279	3847.	3444.	.00275
10	-1000.	800.	1200.	280	283	3847.	3440.	.00334
11	-600.	400.	800.	284	287	3847.	3436.	.00387
12	-200.	0.	400.	288	291	3847.	3431.	.00424
13	200.	0.	400.	292	295	3847.	3426.	.00434
14	600.	400.	800.	296	299	3847.	3420.	.00417
15	1000.	800.	1200.	300	303	3847.	3410.	.00384
16	1400.	1200.	1600.	304	307	3847.	3407.	.00328
17	1800.	1600.	2000.	308	311	3847.	3402.	.00272
18	2200.	2000.	2400.	312	315	3847.	3389.	.00231
19	2600.	2400.	2800.	316	319	3847.	3368.	.00201
20	3000.	2800.	3200.	320	323	3847.	3336.	.00182
21	3400.	3200.	3600.	324	327	3847.	3312.	.00159
22	3800.	3600.	4000.	328	331	3847.	3299.	.00134
23	4200.	4000.	4400.	332	335	3847.	3275.	.00119
24	4600.	4400.	4800.	336	339	3847.	3246.	.00107

ZONE23 - COLUMN 20 CXD, XLFT, XRHT, XLFTGU, XRHTGU, JCSTRT, JCEND, X1, X2

3000.00 2800.00 3200.00 256.30 260.30 257 260 2800.00 3200.00

THE PRISM DATA IS: K, CYD, Y1, Y2, KGRY1, KGRY2, STATZ, PELEV, G

1	-4600.	4400.	4800.	244	247	3847.	3414.	.00049
2	-4200.	4000.	4400.	248	251	3847.	3424.	.00057
3	-3800.	3600.	4000.	252	255	3847.	3422.	.00070
4	-3400.	3200.	3600.	256	259	3847.	3416.	.00087
5	-3000.	2800.	3200.	260	263	3847.	3414.	.00107
6	-2600.	2400.	2800.	264	267	3847.	3410.	.00134
7	-2200.	2000.	2400.	268	271	3847.	3400.	.00170
8	-1800.	1600.	2000.	272	275	3847.	3400.	.00203
9	-1400.	1200.	1600.	276	279	3847.	3401.	.00239
10	-1000.	800.	1200.	280	283	3847.	3393.	.00284
11	-600.	400.	800.	284	287	3847.	3387.	.00322
12	-200.	0.	400.	288	291	3847.	3384.	.00343
13	200.	0.	400.	292	295	3847.	3381.	.00347

14	600.	400.	800.	296	299	3847.	3377.	.00335
15	1000.	800.	1200.	300	303	3847.	3370.	.00312
16	1400.	1200.	1600.	304	307	3847.	3366.	.00277
17	1800.	1600.	2000.	308	311	3847.	3360.	.00240
18	2200.	2000.	2400.	312	315	3847.	3347.	.00211
19	2600.	2400.	2800.	316	319	3847.	3330.	.00186
20	3000.	2800.	3200.	320	323	3847.	3307.	.00166
21	3400.	3200.	3600.	324	327	3847.	3286.	.00147
22	3800.	3600.	4000.	328	331	3847.	3271.	.00128
23	4200.	4000.	4400.	332	335	3847.	3249.	.00113
24	4600.	4400.	4800.	336	339	3847.	3227.	.00101

ZONE23 - COLUMN 21 CXD, XLFT, XRHT, XLFTGU, XRHTGU, JCSTRT, JCEND, X1, X2

3400.00 3200.00 3600.00 260.30 264.30 261 264 3200.00 3600.00

THE PRISM DATA IS: K, CYD, Y1, Y2, KGRY1, KGRY2, STATZ, PELEV, G

1	-4600.	4400.	4800.	244	247	3847.	3374.	.00052
2	-4200.	4000.	4400.	248	251	3847.	3383.	.00060
3	-3800.	3600.	4000.	252	255	3847.	3381.	.00072
4	-3400.	3200.	3600.	256	259	3847.	3376.	.00087
5	-3000.	2800.	3200.	260	263	3847.	3370.	.00107
6	-2600.	2400.	2800.	264	267	3847.	3363.	.00130
7	-2200.	2000.	2400.	268	271	3847.	3358.	.00157
8	-1800.	1600.	2000.	272	275	3847.	3358.	.00183
9	-1400.	1200.	1600.	276	279	3847.	3358.	.00209
10	-1000.	800.	1200.	280	283	3847.	3353.	.00238
11	-600.	400.	800.	284	287	3847.	3345.	.00266
12	-200.	0.	400.	288	291	3847.	3339.	.00284
13	200.	0.	400.	292	295	3847.	3337.	.00286
14	600.	400.	800.	296	299	3847.	3335.	.00277
15	1000.	800.	1200.	300	303	3847.	3332.	.00259
16	1400.	1200.	1600.	304	307	3847.	3328.	.00236
17	1800.	1600.	2000.	308	311	3847.	3322.	.00211
18	2200.	2000.	2400.	312	315	3847.	3310.	.00189
19	2600.	2400.	2800.	316	319	3847.	3296.	.00168
20	3000.	2800.	3200.	320	323	3847.	3289.	.00146
21	3400.	3200.	3600.	324	327	3847.	3270.	.00131
22	3800.	3600.	4000.	328	331	3847.	3249.	.00118
23	4200.	4000.	4400.	332	335	3847.	3224.	.00107
24	4600.	4400.	4800.	336	339	3847.	3204.	.00096

ZONE23 - COLUMN 22 CXD, XLFT, XRHT, XLFTGU, XRHTGU, JCSTRT, JCEND, X1, X2

3800.00 3600.00 4000.00 264.30 268.30 265 268 3600.00 4000.00

THE PRISM DATA IS: K, CYD, Y1, Y2, KGRY1, KGRY2, STATZ, PELEV, G

1	-4600.	4400.	4800.	244	247	3847.	3333.	.00055
2	-4200.	4000.	4400.	248	251	3847.	3339.	.00062
3	-3800.	3600.	4000.	252	255	3847.	3345.	.00071
4	-3400.	3200.	3600.	256	259	3847.	3343.	.00084
5	-3000.	2800.	3200.	260	263	3847.	3331.	.00102

6	-2600.	2400.	2800.	264	267	3847.	3315.	.00126
7	-2200.	2000.	2400.	268	271	3847.	3314.	.00146
8	-1800.	1600.	2000.	272	275	3847.	3317.	.00165
9	-1400.	1200.	1600.	276	279	3847.	3318.	.00183
10	-1000.	800.	1200.	280	283	3847.	3315.	.00203
11	-600.	400.	800.	284	287	3847.	3306.	.00224
12	-200.	0.	400.	288	291	3847.	3296.	.00239
13	200.	0.	400.	292	295	3847.	3296.	.00240
14	600.	400.	800.	296	299	3847.	3296.	.00232
15	1000.	800.	1200.	300	303	3847.	3296.	.00218
16	1400.	1200.	1600.	304	307	3847.	3292.	.00201
17	1800.	1600.	2000.	308	311	3847.	3288.	.00183
18	2200.	2000.	2400.	312	315	3847.	3283.	.00163
19	2600.	2400.	2800.	316	319	3847.	3272.	.00147
20	3000.	2800.	3200.	320	323	3847.	3262.	.00131
21	3400.	3200.	3600.	324	327	3847.	3249.	.00117
22	3800.	3600.	4000.	328	331	3847.	3233.	.00106
23	4200.	4000.	4400.	332	335	3847.	3211.	.00097
24	4600.	4400.	4800.	336	339	3847.	3190.	.00089

ZONE23 - COLUMN 23 CXD, XLFT, XRHT, XLFTGU, XRHTGU, JCSTRT, JCEND, X1, X2

4200.00 4000.00 4400.00 268.30 272.30 269 272 4000.00 4400.00

THE PRISM DATA IS: K, CYD, Y1, Y2, KGRY1, KGRY2, STATZ, PELEV, G

1	-4600.	4400.	4800.	244	247	3847.	3292.	.00056
2	-4200.	4000.	4400.	248	251	3847.	3301.	.00062
3	-3800.	3600.	4000.	252	255	3847.	3316.	.00068
4	-3400.	3200.	3600.	256	259	3847.	3314.	.00079
5	-3000.	2800.	3200.	260	263	3847.	3302.	.00094
6	-2600.	2400.	2800.	264	267	3847.	3281.	.00116
7	-2200.	2000.	2400.	268	271	3847.	3276.	.00133
8	-1800.	1600.	2000.	272	275	3847.	3276.	.00149
9	-1400.	1200.	1600.	276	279	3847.	3275.	.00164
10	-1000.	800.	1200.	280	283	3847.	3272.	.00179
11	-600.	400.	800.	284	287	3847.	3264.	.00193
12	-200.	0.	400.	288	291	3847.	3259.	.00202
13	200.	0.	400.	292	295	3847.	3259.	.00202
14	600.	400.	800.	296	299	3847.	3261.	.00195
15	1000.	800.	1200.	300	303	3847.	3262.	.00185
16	1400.	1200.	1600.	304	307	3847.	3259.	.00173
17	1800.	1600.	2000.	308	311	3847.	3257.	.00159
18	2200.	2000.	2400.	312	315	3847.	3254.	.00144
19	2600.	2400.	2800.	316	319	3847.	3247.	.00130
20	3000.	2800.	3200.	320	323	3847.	3239.	.00117
21	3400.	3200.	3600.	324	327	3847.	3229.	.00106
22	3800.	3600.	4000.	328	331	3847.	3218.	.00095
23	4200.	4000.	4400.	332	335	3847.	3205.	.00086
24	4600.	4400.	4800.	336	339	3847.	3183.	.00080

ZONE23 - COLUMN 24 CXD, XLFT, XRHT, XLFTGU, XRHTGU, JCSTRT, JCEND, X1, X2

4600.00 4400.00 4800.00 272.30 276.30 273 276 4400.00 4800.00

THE PRISM DATA IS: K, CYD, Y1,Y2, KGRY1,KGRY2, STATZ,PELEV, G

1	-4600.	4400.	4800.	244	247	3847.	3258.	.00055
2	-4200.	4000.	4400.	248	251	3847.	3264.	.00061
3	-3800.	3600.	4000.	252	255	3847.	3275.	.00067
4	-3400.	3200.	3600.	256	259	3847.	3270.	.00078
5	-3000.	2800.	3200.	260	263	3847.	3257.	.00092
6	-2600.	2400.	2800.	264	267	3847.	3243.	.00108
7	-2200.	2000.	2400.	268	271	3847.	3238.	.00122
8	-1800.	1600.	2000.	272	275	3847.	3235.	.00135
9	-1400.	1200.	1600.	276	279	3847.	3228.	.00150
10	-1000.	800.	1200.	280	283	3847.	3223.	.00162
11	-600.	400.	800.	284	287	3847.	3220.	.00171
12	-200.	0.	400.	288	291	3847.	3218.	.00176
13	200.	0.	400.	292	295	3847.	3223.	.00174
14	600.	400.	800.	296	299	3847.	3228.	.00167
15	1000.	800.	1200.	300	303	3847.	3228.	.00160
16	1400.	1200.	1600.	304	307	3847.	3225.	.00151
17	1800.	1600.	2000.	308	311	3847.	3225.	.00140
18	2200.	2000.	2400.	312	315	3847.	3226.	.00127
19	2600.	2400.	2800.	316	319	3847.	3223.	.00115
20	3000.	2800.	3200.	320	323	3847.	3216.	.00105
21	3400.	3200.	3600.	324	327	3847.	3207.	.00095
22	3800.	3600.	4000.	328	331	3847.	3200.	.00086
23	4200.	4000.	4400.	332	335	3847.	3190.	.00078
24	4600.	4400.	4800.	336	339	3847.	3171.	.00073

STATION: JANICE,NORTH - TIE60S-54 -- DETAILED PRISM DATA

DENSITY FACTOR = 2.70

STATION =====	X =====	Y =====	ELEV =====	TOPO-CORR =====	ZONE VALUES =====	ZONE 1 PRISM VALUES =====			
L005-054	577+30	-250+90	3847.	1.31	ZONE 1: .371	.0033	.0009	.0008	.0031
					ZONE 2: .206	.0077	.0874	.0820	.0075
					ZONE 3: .736	.0068	.0812	.0779	.0065
						.0023	.0007	.0006	.0021

FINISHED -- STATIONS = 1

TOTAL TIME = 3.960 AVERAGE/STATION = 3.960

STOP
SRU'S:27.4
!OFF

USAGE ON 07/21/77 AT 11:28:37
SRU'S:41.4 ELAPSED TIME: 00:00:34

RECOMPUTE L84 STATIONS WITH 400,1600,9600 FOOT ZONES

PROGRAM: GRVTY -- COMPUTATION OF GRAVITY TERRAIN CORRECTIONS

RUN ON: 07/19/77 AT: 21:45:52

THE TOPOGRAPHIC MODEL USED FOR THE TERRAIN CORRECTIONS IS AS FOLLOWS:

FILE: JANICE.TM -- JANICE TOPO GRID, 1IN=1000FT, ORG:550+00S, 350+00E

COLUMNS: 401 X-AXIS LIMITS: 35.00 TO 75.00

ROWS: 501 Y-AXIS LIMITS: -55.00 TO -5.00

TOPO MODEL MAP SCALE = 1000.0 UNITS/INCH GRID SIZE = .10 INCHES OR 100.00 FEET

DENSITY FACTOR = 1.00

ZONE 1 PARAMETERS: INNER REGION WIDTH: 0.
TOTAL REGION WIDTH: 400.
PRISM SIZE: 100. NO. OF PRISMS = 16

ZONE 2 PARAMETERS: INNER REGION WIDTH: 400.
TOTAL REGION WIDTH: 1600.
PRISM SIZE: 200. NO. OF PRISMS = 68

ZONE 3 PARAMETERS: INNER REGION WIDTH: 1600.
TOTAL REGION WIDTH: 9600.
PRISM SIZE: 400. NO. OF PRISMS = 560

RECOMPUTE L84 STATIONS WITH 400,1600,9600 FOOT ZONES

STATION =====	X =====	Y =====	ELEV =====	TOPO CORR =====	ZONE VALUES =====	ZONE 1 PRISM VALUES =====				
L084-001	574+60	-370+80	3491.	.2527349	ZONE 1: .0647228	.0005622	.0005070	.0000369	.0000601	
					ZONE 2: .0296293	.0008236	.0228451	.0046947	.0004855	
					ZONE 3: .1583828	.0004924	.0079874	.0239461	.0009673	
						.0000908	.0000179	.0005376	.0006682	
L084-002	575+50	-370+70	3483.	.2561156	ZONE 1: .0728211	.0006107	.0005368	.0000271	.0000861	
					ZONE 2: .0285916	.0008804	.0269908	.0088289	.0004901	
					ZONE 3: .1547029	.0004601	.0069560	.0246285	.0009631	
						.0000709	.0000308	.0005855	.0006753	
L084-003	576+50	-370+70	3473.	.2458238	ZONE 1: .0676944	.0006480	.0005288	.0000081	.0000802	
					ZONE 2: .0273867	.0010827	.0231431	.0078937	.0004825	
					ZONE 3: .1507426	.0004675	.0072689	.0237381	.0010166	
						.0000587	.0000412	.0005773	.0006589	
L084-004	577+50	-370+50	3463.	.2431153	ZONE 1: .0701862	.0006507	.0004134	.0000092	.0000793	
					ZONE 2: .0260609	.0009369	.0238867	.0071124	.0004491	
					ZONE 3: .1468681	.0004863	.0086732	.0253687	.0008854	
						.0000531	.0000329	.0005249	.0006239	
L084-018	591+30	-370+70	3353.	.1618831	ZONE 1: .0415030	.0003510	.0004197	.0001082	.0000007	
					ZONE 2: .0153261	.0004601	.0187643	0.	.0000813	
					ZONE 3: .1050540	.0001575	.0006381	.0191285	.0003893	
						.0000030	.0000998	.0005023	.0003991	
L084-035	608+50	-370+10	3279.	.1617358	ZONE 1: .0566133	.0005693	.0007442	.0001309	.0000023	
					ZONE 2: .0219161	.0007820	.0258119	.0012750	.0002118	
					ZONE 3: .0832064	.0001827	0.	.0246286	.0007074	
						.0000012	.0001922	.0007630	.0006107	
L084-036	609+40	-370+10	3272.	.1579716	ZONE 1: .0530309	.0006426	.0006433	.0001293	.0000024	
					ZONE 2: .0227804	.0007954	.0235624	.0014024	.0002139	
					ZONE 3: .0821603	.0001893	.0001277	.0231431	.0007110	
						.0000000	.0001941	.0006892	.0005847	
L084-037	610+50	-370+10	3263.	.1584011	ZONE 1: .0538563	.0005847	.0006278	.0001270	.0000003	
					ZONE 2: .0231072	.0007165	.0231430	.0015931	.0001690	
					ZONE 3: .0814376	.0001874	.0015931	.0231430	.0006278	
						.0000000	.0001515	.0006278	.0005643	

RECOMPUTE L84 STATIONS WITH 400,1600,9600 FOOT ZONES

STATION =====	X =====	Y =====	ELEV =====	TOPO CORR =====	ZONE VALUES =====	ZONE 1 PRISM VALUES =====			
L084-038	611+50	-370+00	3257.	.1517230	ZONE 1: .0476547	.0005592	.0005856	.0001472	.0000003
					ZONE 2: .0235218	.0006714	.0216503	0.	.0001922
					ZONE 3: .0805464	.0001922	0.	.0216503	.0006714
						.0000003	.0001472	.0006278	.0005592
L084-039	612+50	-370+00	3249.	.1575347	ZONE 1: .0538220	.0005343	.0006278	.0001472	.0000003
					ZONE 2: .0237723	.0006278	.0231430	.0015931	.0001922
					ZONE 3: .0799405	.0001690	.0015931	.0231430	.0007165
						.0000003	.0001472	.0006278	.0005592
L084-040	613+40	-370+90	3243.	.1557694	ZONE 1: .0521637	.0005775	.0006714	.0001654	.0000003
					ZONE 2: .0239720	.0007037	.0230239	0.	.0001726
					ZONE 3: .0796338	.0002098	.0014659	.0232622	.0006398
						.0000012	.0001301	.0006006	.0005392

FINISHED -- STATIONS = 11

TOTAL TIME = 17.957 AVERAGE/STATION = 1.632

STOP
SRU'S:142.9

!OFF
USAGE ON 07/19/77 AT 21:47:16
SRU'S:154.7 ELAPSED TIME: 00:01:37