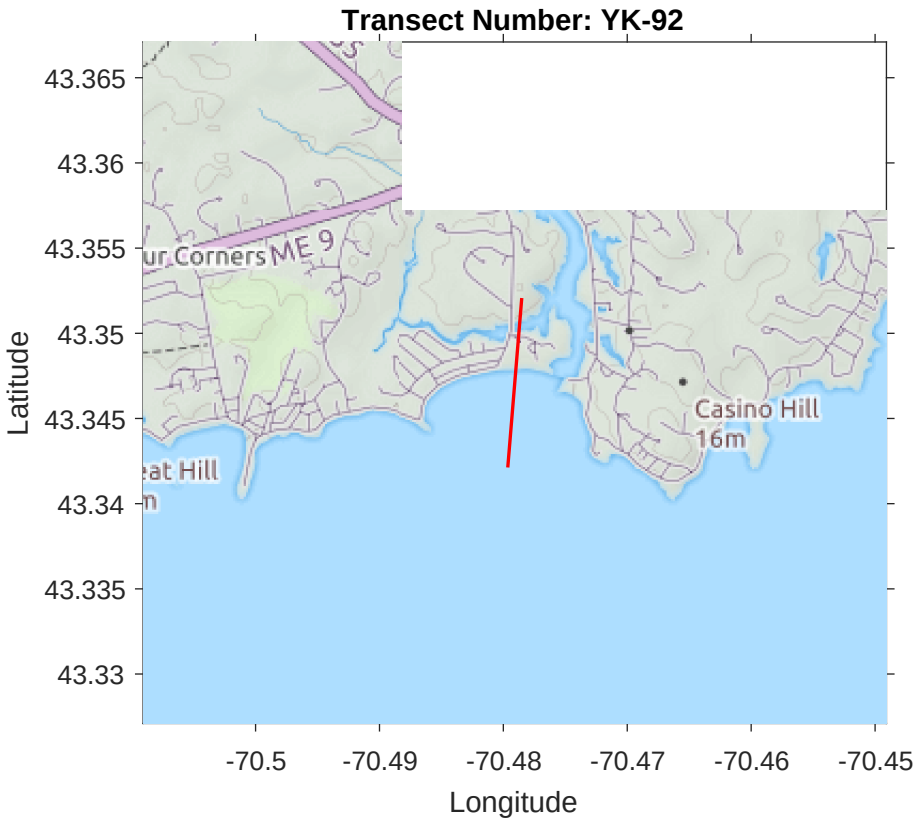
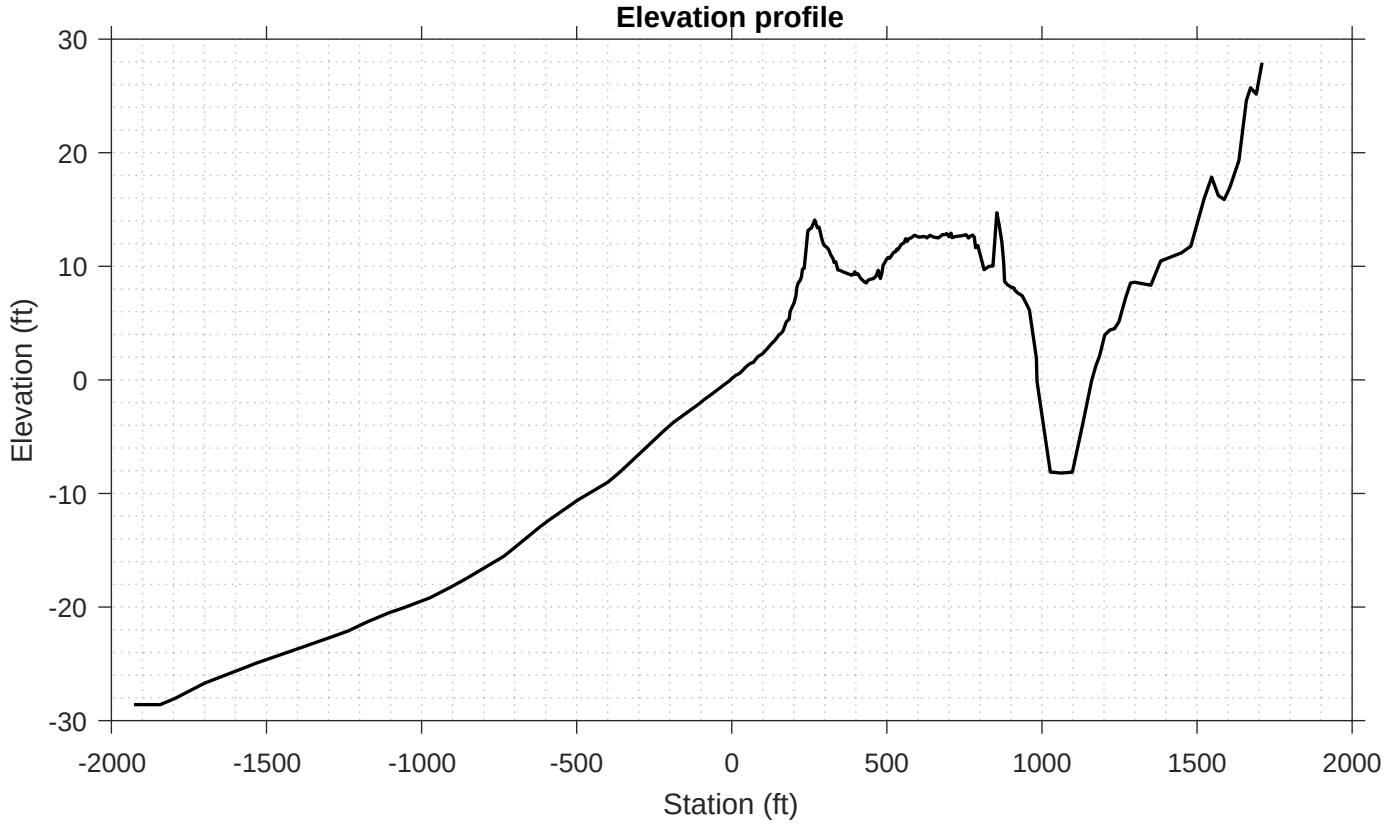

Transect Number: YK-92
43.365
43.36
43.355
43.35
43.345
43.34
43.335
43.33
Latitude
-70.5
-70.49
-70.48
-70.47
-70.46
-70.45
Longitude
Casino Hill
16m


Elevation profile
30
20
10
0
-10
-20
-30
Elevation (ft)
-2000
-1500
-1000
-500
0
500
1000
1500
2000
Station (ft)

DATA LOG FOR TRANSECT ID: YK-92

PART 1: USER INPUT

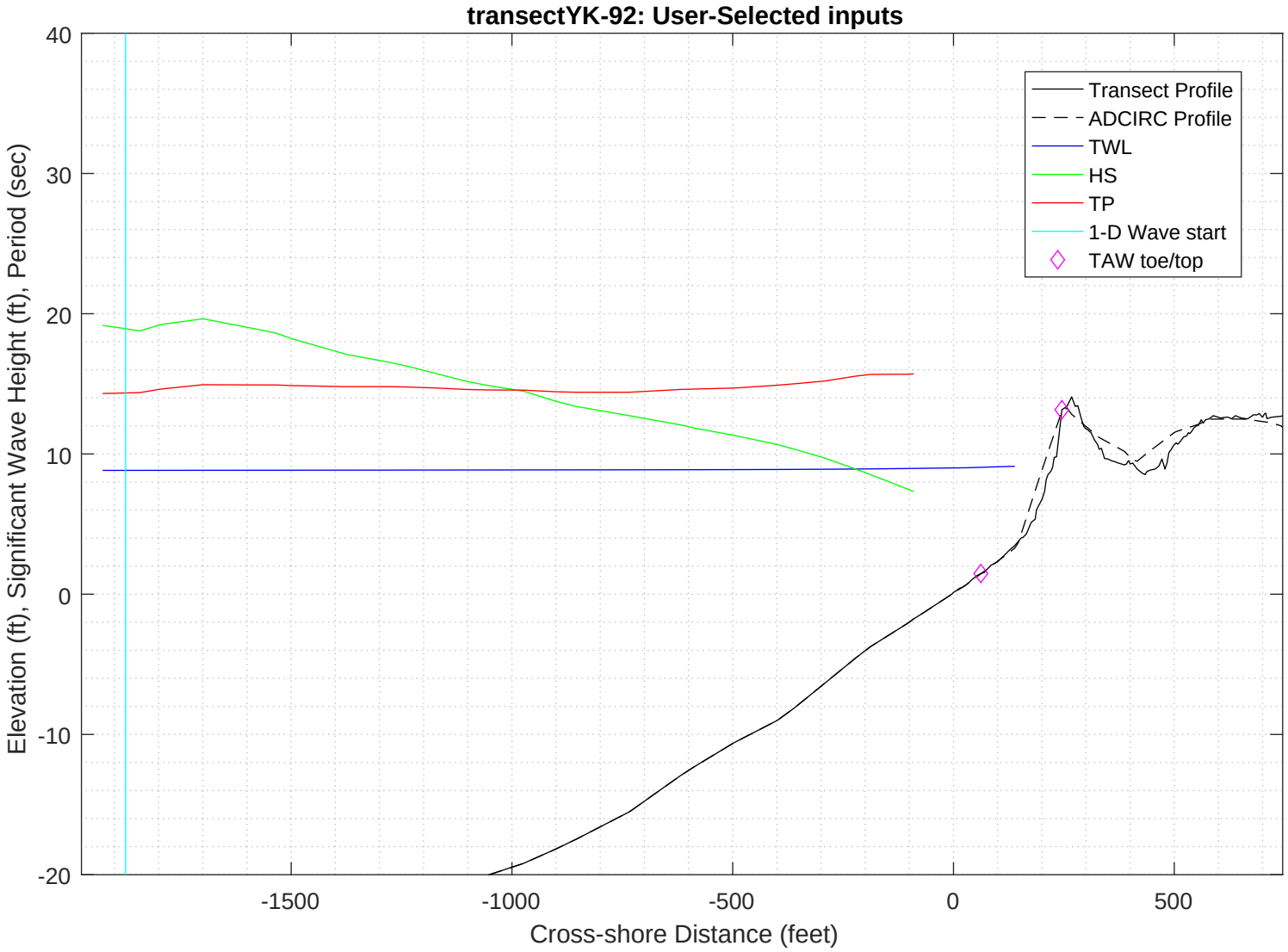
SWAN 1-D / WHAFIS input

station: -1875 ft
LON: -70.4796 deg E
LAT: 43.3423 deg N
Bottom ELEV: -28.5921 ft-NAVD88
TWL: 8.8306 ft-NAVD88
HS: 18.9295 ft
TP: 14.3487 sec
Wave Direction bin: 90 deg CCW from East (90 deg sector)
Transect Direction: 83.5401 deg CCW from East

TAW/RUNUP input

toe sta: 62 ft
toe elev: 1.4764 ft-NAVD88
top sta: 245.5 ft
top elev: 13.1562 ft-NAVD88
Wave and water level conditions at toe to be calculated in SWAN 1-D

PART 1 COMPLETE


transectYK-92: User-Selected inputs
Transect Profile
ADCIRC Profile
TWL
HS
TP
1-D Wave start
TAW toe/top
Elevation (ft), Significant Wave Height (ft), Period (sec)
Cross-shore Distance (feet)
40
30
20
10
0
-10
-20
-1500
-1000
-500
0
500

```
_____________________________________________________________
PART 2: SWAN 1-D

swan input grid name: 2_swan/gridfiles/YK-92zmeters_xmeters.grd
swan file name:       2_swan/swanfiles/YK-92.swn
swan output name:     2_swan/swanfiles/YK-92.dat

Boundary Conditions:
    TWL- 2.6916 meters
    HS-  5.7697 meters
    PER- 14.3487 seconds

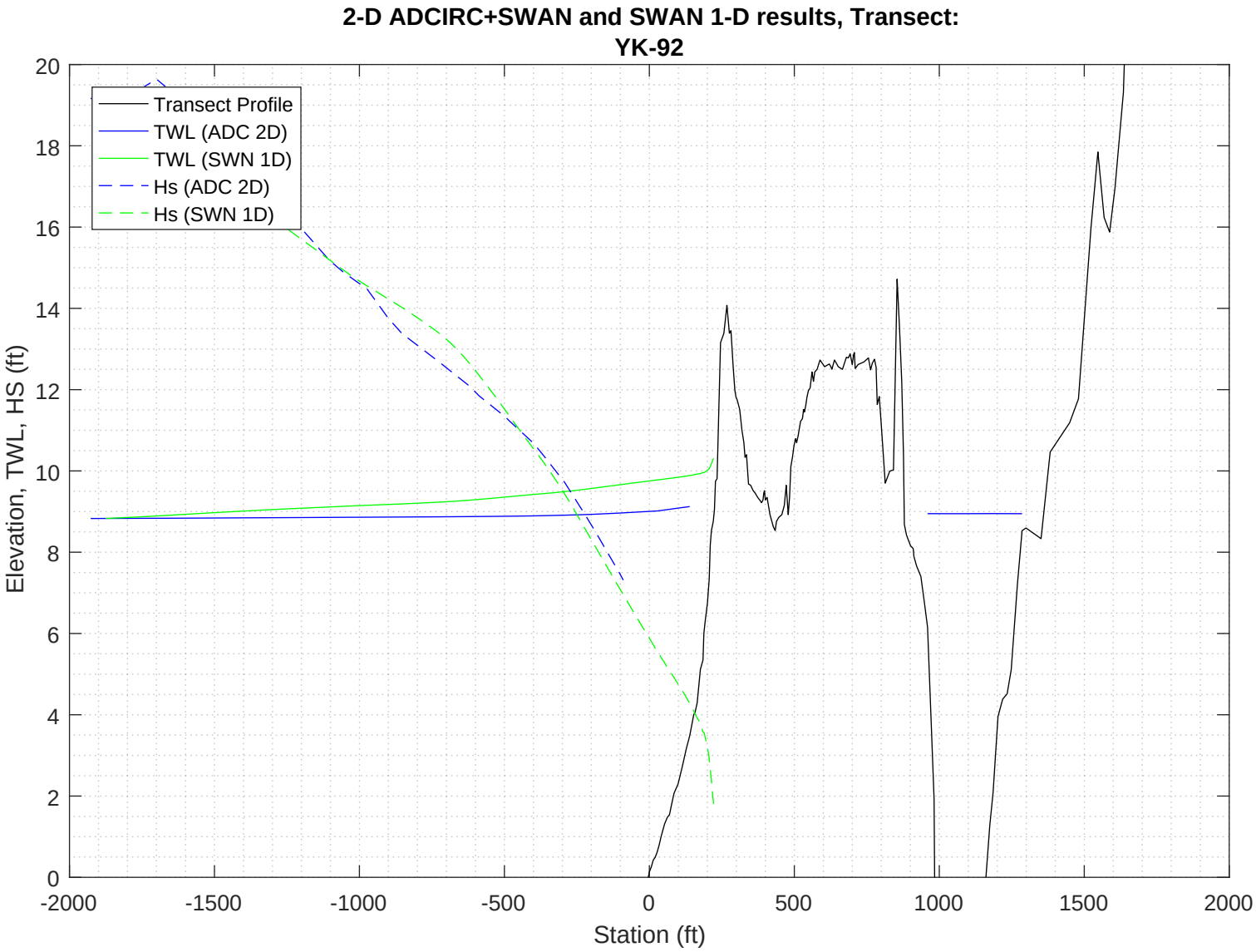
Batch File: 2_swan/swanfiles/runswan.dat

SWAN maximum additional wave setup: 1.4808 feet
SWAN output at toe:
    SETUP- 0.9778 feet
    HS-    5.1811 feet
    PER-   14.019 seconds

PART 2 COMPLETE_____________________________________________


SWAN maximum additional wave setup: 1.4808 feet
SWAN output at toe:
    SETUP- 0.9778 feet
    HS-    5.1811 feet
    PER-   14.019 seconds

PART 2 COMPLETE_____________________________________________
```


2-D ADCIRC+SWAN and SWAN 1-D results, Transect:
YK-92
Transect Profile
TWL (ADC 2D)
TWL (SWN 1D)
Hs (ADC 2D)
Hs (SWN 1D)
Elevation, TWL, HS (ft)
Station (ft)
20
18
16
14
12
10
8
6
4
2
0
-2000
-1500
-1000
-500
0
500
1000
1500
2000

1

```
                    Execution started at 20200401.174306


                    ---------------------------------------
                                    SWAN
                    SIMULATION OF WAVES IN NEAR SHORE AREAS
                             VERSION NUMBER 41.20A
                    ---------------------------------------


 PROJECT '2018FemaAppeal' '1'
    '100-year Wind and Wave conditions'
 ! -- SET commands ------------------------------------------------------
  SET DEPMIN=0.01 MAXMES=999 MAXERR=3 PWTAIL=4
  SET LEVEL 0
  SET CARTESIAN
 ! -- MODE commands -----------------------------------------------------
  MODE STATIONARY ONED
 !-- COORDINATES commands-----------------------------------------------
 COORDINATES CART
 !
 !  --  computational (CGRID) grid commands -------------------------------------
 !                                  xlenc=length of grid in meters
 !  mxc = number of mesh cells (one less than number of grid points)
 !CGRID REGular [xpc]  [ypc]  [alpc]  [xlenc]   [ylenc]  [mxc]  [myc] &
 !      [ CIRcle|SECtor[dir1] [dir2] ] [mdc] [flow] [fhigh] [msc]
  CGRID REGULAR   0      0       0      639       0.   639     0    &
        CIRCLE                          36    0.03    0.8     30
 Resolution in sigma-space: df/f =  0.1157
 ! -- READgrid ---- not used in 1-D mode ----------------------------------
 ! -- INPgrid commands  -------------------------------------------------------
 !INPgrid BOTtom REGular [xpinp] [ypinp] [alpinp] [mxinp] [myinp] [dxinp] [dyinp]
 !
  INPGRID BOTTOM REGULAR    0       0        0      639   0      1       1
 !READinp BOTtom [fac]  'fname1'  [idla]  [nhedf]  [FREe|FORmat[form]|UNFormatted]
  READ    BOTTOM   -1. '../gridfiles/YK-92zmeters_xmeters.grd'    1      0       FREE
 !-------------------------------------------------------------------------
 ! -- WIND [vel] [dir]
 WIND      25.1  0
 ! -- BOUnd SHAPespec
 BOUND SHAPE JONSWAP 3.3  PEAK DSPR POWER
 ! -- BOUndspec
 ! BOU SIDE W CCW CON FILE 'swanspec.txt' 1
 BOUN SIDE W CCW CONSTANT PAR   5.7697     14.3487     0  2
 !-- BOUndnest1  - optional for boundary from parent run
 !-- BOUndnest2
 !-- BOUndnest3
 !-- INITial -- usest to specify initial values
 !
```

```
!---------------- P H Y S I C S ------------------------
!-- GEN1 [cf10] [cf20] [cf30] [cf40] [edm1pm] [cdrag] [umin] [cfpm]
!-- GEN2 [cf10] [cf20] [cf30] [cf40] [cf50] [cf60] [edm1pm] [cdrag] [umin] [cfpm]
    GEN3 KOMEN
!   whitecapping ( on by default)
!-- WCAPping KOMen [cds2] [stpm] [powst] [delta] [powk]
    WCAP KOM
!   quadruplet wave interactions
!-- QUADrupl [iquad] [lambda] [Cn14] [Csh1] [Csh2]
! -- BREaking CONstant [alpha] [gamma]
     BREAK    CON       1.      0.73
!-- FRICtion JONswap CONstant [cfjon]
    FRIC     JONSWAP CON       0.038
!-- TRIad [itriad] [trfac] [cutfr]   [a]  [b]  [urcrit] [urslim]
! TRIAD        1      0.65    2.5    0.95 -0.75  0.2       0.01
  TRIAD
!-- VEGEtation [height] [diamtr] [nstems] [drag]
!-- MUD [layer] [rhom] [viscm]
!- LIMiter [ursell] [qb] deactivates quadruplets with Ursell number exceeds ursell
!-- OBSTacle -- not in 1-D
!-- SETUP [supcor]
   SETUP    0
!
! ----------------- N U M E R I C S -----------------------------
!
!-- PROP  can use BBST or GSE instead of default
! -- NUMeric -- lots of options
!     NUM ACCUR npnts=100. stat 30
     NUMeric STOPC
!
! -------------------O U T P U T ------------------------------
!
!OUTPut OPTIons "comment' (TABLE [field]) (BLOck [ndec] [len]) (SPEC [ndec])
 OUTPUT OPTIONS '%' TABLE 16
 $BLOCK 9 1000 SPEC 8
!CURve 'sname' [xp1] [yp1] <[int]   [xp]   [yp] >
 CURVE 'curve' 0     0      639  639    0
!TABLe 'sname' < HEADer|NOHEADer|INDexed > 'fname' <output parameters> (output time)
 Table 'curve'   HEADER 'YK-92.dat' XP YP HSIGN TPS RTP TMM10 DIR &
 DSPR DEPTH SETUP
!QUANTITY XP hexp=99999
!
!-----------------------------------------------
COMPUTE STATIONARY
------------------------------------------------------------------
                 COMPUTATIONAL PART OF SWAN
------------------------------------------------------------------
```

```
One-dimensional mode of SWAN is activated
Gridresolution       : MXC             640 MYC              1
                     : MCGRD           641
                     : MSC              31 MDC             36
                     : MTC               1
                     : NSTATC            0 ITERMX          50
Propagation flags    : ITFRE             1 IREFR            1
Source term flags    : IBOT              1 ISURF            1
                     : IWCAP             1 IWIND            3
                     : ITRIAD            1 IQUAD            2
                     : IVEG              0 ITURBV           0
                     : IMUD              0
Spatial step         : DX       0.1000E+01 DY      0.1000E+01
Spectral bin         : df/f     0.1157E+00 DDIR    0.1000E+02
Physical constants   : GRAV     0.9810E+01 RHO     0.1025E+04
Wind input           : WSPEED   0.2510E+02 DIR     0.0000E+00
Tail parameters      : E(f)     0.4000E+01 E(k)    0.2500E+01
                     : A(f)     0.5000E+01 A(k)    0.3000E+01
Accuracy parameters  : DREL     0.1000E-01 NPNTS   0.9950E+02
                     : DHABS    0.0000E+00 CURVAT  0.5000E-02
                     : GRWMX    0.1000E+00
Drying/flooding      : LEVEL    0.0000E+00 DEPMIN  0.1000E-01
The Cartesian convention for wind and wave directions is used
Scheme for geographic propagation is SORDUP
Scheme geogr. space  : PROPSC            2 ICMAX            7
Scheme spectral space: CSS      0.5000E+00 CDD     0.5000E+00
Current is off
Quadruplets          : IQUAD             2
                     : LAMBDA   0.2500E+00 CNL4    0.3000E+08
                     : CSH1     0.5500E+01 CSH2    0.8330E+00
                     : CSH3    -0.1250E+01
Maximum Ursell nr for Snl4 :    0.1000E+02
Triads               : ITRIAD            1 TRFAC   0.8000E+00
                     : CUTFR    0.2500E+01 URCRI   0.2000E+00
Minimum Ursell nr for Snl3 :    0.1000E-01
JONSWAP (‘73)        : GAMMA    0.3800E-01
Vegetation is off
Turbulence is off
Fluid mud is off
W-cap Komen (‘84)    : EMPCOF (CDS2):   0.2360E-04
W-cap Komen (‘84)    : APM (STPM)   :   0.3020E-02
W-cap Komen (‘84)    : POWST        :   0.2000E+01
W-cap Komen (‘84)    : DELTA        :   0.1000E+01
W-cap Komen (‘84)    : POWK         :   0.1000E+01
Wind drag is fit
Snyder/Komen wind input
Battjes&Janssen (‘78): ALPHA    0.1000E+01 GAMMA   0.7300E+00
Set-up               : SUPCOR   0.0000E+00
Diffraction is off
Janssen (‘89,‘90)    : ALPHA    0.1000E-01 KAPPA   0.4100E+00
Janssen (‘89,‘90)    : RHOA     0.1280E+01 RHOW    0.1025E+04

1st and 2nd gen. wind: CF10     0.1880E+03 CF20    0.5900E+00
                     : CF30     0.1200E+00 CF40    0.2500E+03
                     : CF50     0.2300E-02 CF60   -0.2230E+00
                     : CF70     0.0000E+00 CF80   -0.5600E+00
                     : RHOAW    0.1249E-02 EDMLPM  0.3600E-02
                     : CDRAG    0.1230E-02 UMIN    0.1000E+01
                     : LIM_PM   0.1300E+00

 ---------------------------------------------------------------
 First guess by 2nd generation model flags for first iteration:
 ITER       1 GRWMX      0.1000E+23 ALFA       0.0000E+00
 IWIND      2 IWCAP      0 IQUAD      0
 ITRIAD     1 IBOT       1 ISURF      1
 IVEG       0 ITURBV     0 IMUD       0
 ---------------------------------------------------------------
iteration    1; sweep 1
iteration    1; sweep 2
iteration    1; sweep 3
iteration    1; sweep 4
not possible to compute, first iteration

 ---------------------------------------------------------------
 Options given by user are activated for proceeding calculation:
 ITER       2 GRWMX      0.1000E+00 ALFA       0.0000E+00
 IWIND      3 IWCAP      1 IQUAD      2
 ITRIAD     1 IBOT       1 ISURF      1
 IVEG       0 ITURBV     0 IMUD       0
 ---------------------------------------------------------------
iteration    2; sweep 1
iteration    2; sweep 2
iteration    2; sweep 3
iteration    2; sweep 4
accuracy OK in  11.25 % of wet grid points ( 99.50 % required)

iteration    3; sweep 1
iteration    3; sweep 2
iteration    3; sweep 3
```

```
iteration    3; sweep 4
accuracy OK in   0.16 % of wet grid points ( 99.50 % required)

iteration    4; sweep 1
iteration    4; sweep 2
iteration    4; sweep 3
iteration    4; sweep 4
accuracy OK in  14.85 % of wet grid points ( 99.50 % required)

iteration    5; sweep 1
iteration    5; sweep 2
iteration    5; sweep 3
iteration    5; sweep 4
accuracy OK in  71.57 % of wet grid points ( 99.50 % required)

iteration    6; sweep 1
iteration    6; sweep 2
iteration    6; sweep 3
iteration    6; sweep 4
accuracy OK in  98.29 % of wet grid points ( 99.50 % required)

iteration    7; sweep 1
iteration    7; sweep 2
iteration    7; sweep 3
iteration    7; sweep 4
accuracy OK in  99.22 % of wet grid points ( 99.50 % required)

iteration    8; sweep 1
iteration    8; sweep 2
iteration    8; sweep 3
iteration    8; sweep 4
accuracy OK in  99.22 % of wet grid points ( 99.50 % required)

iteration    9; sweep 1
iteration    9; sweep 2
iteration    9; sweep 3
iteration    9; sweep 4
accuracy OK in  99.22 % of wet grid points ( 99.50 % required)

iteration   10; sweep 1
iteration   10; sweep 2
iteration   10; sweep 3
iteration   10; sweep 4
accuracy OK in  99.22 % of wet grid points ( 99.50 % required)

iteration   11; sweep 1
iteration   11; sweep 2
iteration   11; sweep 3
iteration   11; sweep 4
accuracy OK in  99.22 % of wet grid points ( 99.50 % required)

iteration   12; sweep 1
iteration   12; sweep 2
iteration   12; sweep 3
iteration   12; sweep 4
accuracy OK in  99.22 % of wet grid points ( 99.50 % required)

iteration   13; sweep 1
iteration   13; sweep 2
iteration   13; sweep 3
iteration   13; sweep 4
accuracy OK in  99.38 % of wet grid points ( 99.50 % required)

iteration   14; sweep 1
iteration   14; sweep 2
iteration   14; sweep 3
iteration   14; sweep 4
accuracy OK in  99.38 % of wet grid points ( 99.50 % required)

iteration   15; sweep 1
iteration   15; sweep 2
iteration   15; sweep 3
iteration   15; sweep 4
accuracy OK in  99.38 % of wet grid points ( 99.50 % required)

iteration   16; sweep 1
iteration   16; sweep 2
iteration   16; sweep 3
iteration   16; sweep 4
accuracy OK in  99.54 % of wet grid points ( 99.50 % required)


STOP
```

%
%
% Run:1 Table:curve SWAN version:41.20A
%

% Xp [m]	Yp [m]	Hsig [m]	TPsmoo [sec]	RTpeak [sec]	Tm_10 [sec]	Dir [degr]	Dspr [degr]	Depth [m]	Setup [m]
0.	0.	5.76558	13.9895	13.8874	12.9461	0.000	31.5067	11.4100	0.000000
1.	0.	5.77726	13.9915	13.8874	12.8249	0.000	31.5312	11.4103	0.000321
2.	0.	5.78820	13.9933	13.8874	12.7101	0.000	31.5518	11.4106	0.000647
3.	0.	5.79796	13.9951	13.8874	12.6038	0.000	31.5677	11.4110	0.000978
4.	0.	5.80651	13.9967	13.8874	12.5061	0.000	31.5791	11.4113	0.001315
5.	0.	5.81392	13.9982	13.8874	12.4161	0.000	31.5866	11.4117	0.001658
6.	0.	5.82031	13.9996	13.8874	12.3330	0.000	31.5910	11.4120	0.002006
7.	0.	5.82576	14.0009	13.8874	12.2561	0.000	31.5926	11.4124	0.002359
8.	0.	5.83038	14.0021	13.8874	12.1847	0.000	31.5921	11.4127	0.002717
9.	0.	5.83424	14.0032	13.8874	12.1183	0.000	31.5896	11.4131	0.003078
10.	0.	5.83684	14.0043	13.8874	12.0563	0.000	31.5682	11.4134	0.003447
11.	0.	5.83979	14.0053	13.8874	11.9990	0.000	31.5311	11.3937	0.003659
12.	0.	5.84156	14.0062	13.8874	11.9447	0.000	31.4969	11.3840	0.003960
13.	0.	5.84284	14.0071	13.8874	11.8935	0.000	31.4632	11.3743	0.004264
14.	0.	5.84364	14.0079	13.8874	11.8453	0.000	31.4293	11.3646	0.004574
15.	0.	5.84399	14.0086	13.8874	11.7997	0.000	31.3950	11.3549	0.004887
16.	0.	5.84383	14.0094	13.8874	11.7560	0.000	31.3529	11.3452	0.005207
17.	0.	5.84394	14.0100	13.8874	11.7147	0.000	31.3077	11.3254	0.005449
18.	0.	5.84323	14.0107	13.8874	11.6749	0.000	31.2698	11.3158	0.005778
19.	0.	5.84227	14.0113	13.8874	11.6370	0.000	31.2341	11.3061	0.006110
20.	0.	5.84102	14.0118	13.8874	11.6009	0.000	31.1991	11.2964	0.006445
21.	0.	5.83949	14.0124	13.8874	11.5665	0.000	31.1648	11.2868	0.006785
22.	0.	5.83768	14.0129	13.8874	11.5337	0.000	31.1318	11.2771	0.007129
23.	0.	5.83536	14.0133	13.8874	11.5024	0.000	31.0931	11.2675	0.007481
24.	0.	5.83336	14.0138	13.8874	11.4729	0.000	31.0521	11.2478	0.007755
25.	0.	5.83070	14.0142	13.8874	11.4441	0.000	31.0173	11.2381	0.008113
26.	0.	5.82764	14.0145	13.8874	11.4166	0.000	30.9778	11.2285	0.008475
27.	0.	5.82495	14.0149	13.8874	11.3906	0.000	30.9365	11.2088	0.008759
28.	0.	5.82163	14.0153	13.8874	11.3652	0.000	30.9015	11.1991	0.009126
29.	0.	5.81798	14.0156	13.8874	11.3407	0.000	30.8631	11.1895	0.009499
30.	0.	5.81472	14.0159	13.8874	11.3178	0.000	30.8235	11.1698	0.009793
31.	0.	5.81064	14.0161	13.8874	11.2951	0.000	30.7842	11.1602	0.010174
32.	0.	5.80702	14.0164	13.8874	11.2738	0.000	30.7445	11.1405	0.010474
33.	0.	5.80261	14.0167	13.8874	11.2527	0.000	30.7049	11.1309	0.010860
34.	0.	5.79868	14.0169	13.8874	11.2329	0.000	30.6651	11.1112	0.011166
35.	0.	5.79421	14.0171	13.8874	11.2132	0.000	30.6313	11.1016	0.011555
36.	0.	5.78946	14.0173	13.8874	11.1943	0.000	30.5936	11.0919	0.011947
37.	0.	5.78515	14.0175	13.8874	11.1765	0.000	30.5545	11.0723	0.012258
38.	0.	5.78009	14.0177	13.8874	11.1587	0.000	30.5153	11.0627	0.012655
39.	0.	5.77552	14.0179	13.8874	11.1421	0.000	30.4758	11.0430	0.012971
40.	0.	5.77044	14.0180	13.8874	11.1255	0.000	30.4422	11.0334	0.013370
41.	0.	5.76512	14.0181	13.8874	11.1094	0.000	30.4049	11.0238	0.013772
42.	0.	5.76026	14.0183	13.8874	11.0944	0.000	30.3660	11.0041	0.014092
43.	0.	5.75468	14.0184	13.8874	11.0793	0.000	30.3271	10.9945	0.014498
44.	0.	5.74962	14.0185	13.8874	11.0652	0.000	30.2877	10.9748	0.014822
45.	0.	5.74406	14.0186	13.8874	11.0510	0.000	30.2544	10.9652	0.015230
46.	0.	5.73829	14.0187	13.8874	11.0372	0.000	30.2173	10.9556	0.015639
47.	0.	5.73300	14.0188	13.8874	11.0244	0.000	30.1787	10.9360	0.015966
48.	0.	5.72702	14.0189	13.8874	11.0114	0.000	30.1400	10.9264	0.016378
49.	0.	5.72156	14.0190	13.8874	10.9993	0.000	30.1010	10.9067	0.016709
50.	0.	5.71543	14.0191	13.8874	10.9870	0.000	30.0623	10.8971	0.017124
51.	0.	5.70983	14.0191	13.8874	10.9756	0.000	30.0234	10.8775	0.017457
52.	0.	5.70376	14.0192	13.8874	10.9640	0.000	29.9904	10.8679	0.017874
53.	0.	5.69751	14.0192	13.8874	10.9526	0.000	29.9539	10.8583	0.018291
54.	0.	5.69176	14.0193	13.8874	10.9422	0.000	29.9158	10.8386	0.018626
55.	0.	5.68554	14.0193	13.8874	10.9315	0.000	29.8833	10.8290	0.019045
56.	0.	5.67933	14.0194	13.8874	10.9211	0.000	29.8526	10.8195	0.019463
57.	0.	5.67312	14.0194	13.8874	10.9109	0.000	29.8226	10.8099	0.019880
58.	0.	5.66687	14.0194	13.8874	10.9011	0.000	29.7929	10.8003	0.020297
59.	0.	5.66060	14.0194	13.8874	10.8915	0.000	29.7634	10.7907	0.020713

60.	0.	5.65430	14.0195	13.8874	10.8821	0.000	29.7339	10.7811	0.021129
61.	0.	5.64797	14.0195	13.8874	10.8730	0.000	29.7046	10.7715	0.021544
62.	0.	5.64162	14.0195	13.8874	10.8641	0.000	29.6754	10.7620	0.021958
63.	0.	5.63595	14.0195	13.8874	10.8529	0.000	29.6477	10.7524	0.022370
64.	0.	5.63048	14.0195	13.8874	10.8412	0.000	29.6206	10.7428	0.022782
65.	0.	5.62503	14.0195	13.8874	10.8294	0.000	29.5936	10.7332	0.023195
66.	0.	5.61956	14.0195	13.8874	10.8177	0.000	29.5667	10.7236	0.023607
67.	0.	5.61406	14.0194	13.8874	10.8063	0.000	29.5398	10.7140	0.024020
68.	0.	5.60851	14.0194	13.8874	10.7950	0.000	29.5131	10.7044	0.024433
69.	0.	5.60291	14.0194	13.8874	10.7840	0.000	29.4863	10.6948	0.024846
70.	0.	5.59728	14.0194	13.8874	10.7732	0.000	29.4596	10.6853	0.025260
71.	0.	5.59143	14.0193	13.8874	10.7626	0.000	29.4275	10.6757	0.025674
72.	0.	5.58605	14.0193	13.8874	10.7528	0.000	29.3934	10.6560	0.026008
73.	0.	5.58019	14.0193	13.8874	10.7425	0.000	29.3644	10.6464	0.026425
74.	0.	5.57434	14.0192	13.8874	10.7324	0.000	29.3371	10.6368	0.026842
75.	0.	5.56848	14.0192	13.8874	10.7225	0.000	29.3104	10.6273	0.027260
76.	0.	5.56260	14.0191	13.8874	10.7128	0.000	29.2839	10.6177	0.027677
77.	0.	5.55668	14.0191	13.8874	10.7032	0.000	29.2577	10.6081	0.028094
78.	0.	5.55074	14.0190	13.8874	10.6938	0.000	29.2315	10.5985	0.028511
79.	0.	5.54477	14.0189	13.8874	10.6846	0.000	29.2054	10.5889	0.028928
80.	0.	5.53877	14.0189	13.8874	10.6755	0.000	29.1795	10.5793	0.029345
81.	0.	5.53275	14.0188	13.8874	10.6666	0.000	29.1536	10.5698	0.029761
82.	0.	5.52671	14.0187	13.8874	10.6578	0.000	29.1278	10.5602	0.030177
83.	0.	5.52064	14.0187	13.8874	10.6492	0.000	29.1021	10.5506	0.030593
84.	0.	5.51456	14.0186	13.8874	10.6407	0.000	29.0765	10.5410	0.031009
85.	0.	5.50845	14.0185	13.8874	10.6323	0.000	29.0510	10.5314	0.031425
86.	0.	5.50233	14.0185	13.8874	10.6241	0.000	29.0257	10.5218	0.031839
87.	0.	5.49619	14.0184	13.8874	10.6160	0.000	29.0004	10.5123	0.032254
88.	0.	5.49003	14.0183	13.8874	10.6080	0.000	28.9753	10.5027	0.032668
89.	0.	5.48370	14.0182	13.8874	10.6001	0.000	28.9450	10.4931	0.033083
90.	0.	5.47785	14.0181	13.8874	10.5930	0.000	28.9128	10.4734	0.033416
91.	0.	5.47154	14.0181	13.8874	10.5853	0.000	28.8856	10.4638	0.033832
92.	0.	5.46526	14.0180	13.8874	10.5777	360.000	28.8602	10.4542	0.034249
93.	0.	5.45889	14.0179	13.8874	10.5705	360.000	28.8357	10.4447	0.034667
94.	0.	5.45248	14.0178	13.8874	10.5635	359.999	28.8117	10.4351	0.035086
95.	0.	5.44603	14.0177	13.8874	10.5567	359.998	28.7880	10.4255	0.035506
96.	0.	5.43957	14.0176	13.8874	10.5499	359.998	28.7644	10.4159	0.035925
97.	0.	5.43306	14.0175	13.8874	10.5434	359.996	28.7410	10.4063	0.036345
98.	0.	5.42653	14.0174	13.8874	10.5371	359.995	28.7176	10.3968	0.036764
99.	0.	5.41999	14.0173	13.8874	10.5308	359.993	28.6944	10.3872	0.037182
100.	0.	5.41345	14.0173	13.8874	10.5246	359.992	28.6713	10.3776	0.037600
101.	0.	5.40690	14.0172	13.8874	10.5185	359.990	28.6482	10.3680	0.038017
102.	0.	5.40049	14.0171	13.8874	10.5121	359.989	28.6247	10.3584	0.038428
103.	0.	5.39398	14.0170	13.8874	10.5057	359.989	28.5960	10.3488	0.038838
104.	0.	5.38812	14.0169	13.8874	10.5000	359.988	28.5705	10.3292	0.039165
105.	0.	5.38132	14.0168	13.8874	10.4930	359.988	28.5518	10.3297	0.039656
106.	0.	5.37501	14.0167	13.8874	10.4868	359.988	28.5299	10.3201	0.040063
107.	0.	5.36867	14.0166	13.8874	10.4807	359.987	28.5072	10.3105	0.040468
108.	0.	5.36232	14.0165	13.8874	10.4746	359.987	28.4842	10.3009	0.040873
109.	0.	5.35596	14.0164	13.8874	10.4686	359.986	28.4612	10.2913	0.041277
110.	0.	5.34960	14.0163	13.8874	10.4627	359.986	28.4382	10.2817	0.041681
111.	0.	5.34323	14.0162	13.8874	10.4569	359.986	28.4153	10.2721	0.042084
112.	0.	5.33687	14.0161	13.8874	10.4511	359.985	28.3926	10.2625	0.042486
113.	0.	5.33050	14.0160	13.8874	10.4454	359.985	28.3698	10.2529	0.042887
114.	0.	5.32413	14.0159	13.8874	10.4398	359.984	28.3472	10.2433	0.043288
115.	0.	5.31777	14.0157	13.8874	10.4342	359.984	28.3247	10.2337	0.043688
116.	0.	5.31140	14.0156	13.8874	10.4287	359.984	28.3022	10.2241	0.044087
117.	0.	5.30503	14.0155	13.8874	10.4232	359.983	28.2799	10.2145	0.044485
118.	0.	5.29867	14.0154	13.8874	10.4179	359.983	28.2576	10.2049	0.044883
119.	0.	5.29230	14.0153	13.8874	10.4126	359.983	28.2354	10.1953	0.045280
120.	0.	5.28594	14.0152	13.8874	10.4073	359.982	28.2133	10.1857	0.045676
121.	0.	5.27971	14.0151	13.8874	10.4021	359.982	28.1963	10.1761	0.046072
122.	0.	5.27299	14.0150	13.8874	10.3963	359.982	28.1814	10.1765	0.046546
123.	0.	5.26673	14.0149	13.8874	10.3913	359.981	28.1618	10.1669	0.046936
124.	0.	5.26043	14.0148	13.8874	10.3863	359.981	28.1408	10.1573	0.047326
125.	0.	5.25413	14.0147	13.8874	10.3813	359.981	28.1194	10.1477	0.047715
126.	0.	5.24782	14.0146	13.8874	10.3764	359.980	28.0979	10.1381	0.048103

127.	0.	5.24151	14.0145	13.8874	10.3716	359.980	28.0764	10.1285	0.048490
128.	0.	5.23521	14.0143	13.8874	10.3668	359.980	28.0550	10.1189	0.048877
129.	0.	5.22891	14.0142	13.8874	10.3621	359.979	28.0336	10.1093	0.049263
130.	0.	5.22261	14.0141	13.8874	10.3574	359.979	28.0123	10.0996	0.049647
131.	0.	5.21631	14.0140	13.8874	10.3528	359.979	27.9911	10.0900	0.050032
132.	0.	5.21002	14.0139	13.8874	10.3482	359.978	27.9699	10.0804	0.050415
133.	0.	5.20374	14.0138	13.8874	10.3437	359.978	27.9488	10.0708	0.050798
134.	0.	5.19745	14.0137	13.8874	10.3392	359.978	27.9280	10.0612	0.051180
135.	0.	5.19117	14.0136	13.8874	10.3347	359.978	27.9077	10.0516	0.051563
136.	0.	5.18490	14.0135	13.8874	10.3303	359.978	27.8878	10.0419	0.051945
137.	0.	5.17863	14.0134	13.8874	10.3260	359.977	27.8679	10.0323	0.052326
138.	0.	5.17236	14.0133	13.8874	10.3217	359.977	27.8481	10.0227	0.052706
139.	0.	5.16610	14.0131	13.8874	10.3174	359.977	27.8283	10.0131	0.053086
140.	0.	5.15996	14.0130	13.8874	10.3132	359.977	27.8131	10.0035	0.053465
141.	0.	5.15334	14.0129	13.8874	10.3083	359.977	27.7998	10.0039	0.053921
142.	0.	5.14719	14.0128	13.8874	10.3042	359.977	27.7823	9.9943	0.054296
143.	0.	5.14100	14.0127	13.8874	10.3001	359.977	27.7636	9.9847	0.054669
144.	0.	5.13481	14.0126	13.8874	10.2961	359.976	27.7444	9.9750	0.055042
145.	0.	5.12862	14.0125	13.8874	10.2921	359.976	27.7251	9.9654	0.055414
146.	0.	5.12243	14.0124	13.8874	10.2882	359.976	27.7058	9.9558	0.055785
147.	0.	5.11625	14.0122	13.8874	10.2843	359.976	27.6865	9.9462	0.056155
148.	0.	5.11007	14.0121	13.8874	10.2804	359.977	27.6672	9.9365	0.056525
149.	0.	5.10389	14.0120	13.8874	10.2766	359.977	27.6479	9.9269	0.056894
150.	0.	5.09772	14.0119	13.8874	10.2728	359.977	27.6286	9.9173	0.057262
151.	0.	5.09155	14.0118	13.8874	10.2690	359.977	27.6093	9.9076	0.057630
152.	0.	5.08537	14.0117	13.8874	10.2653	359.978	27.5900	9.8980	0.057997
153.	0.	5.07920	14.0116	13.8874	10.2617	359.978	27.5707	9.8884	0.058363
154.	0.	5.07304	14.0115	13.8874	10.2581	359.979	27.5515	9.8787	0.058729
155.	0.	5.06722	14.0114	13.8874	10.2533	359.979	27.5325	9.8691	0.059092
156.	0.	5.06151	14.0113	13.8874	10.2481	359.980	27.5138	9.8595	0.059455
157.	0.	5.05582	14.0111	13.8874	10.2428	359.981	27.4952	9.8498	0.059817
158.	0.	5.05013	14.0110	13.8874	10.2376	359.981	27.4766	9.8402	0.060179
159.	0.	5.04444	14.0109	13.8874	10.2324	359.982	27.4581	9.8305	0.060541
160.	0.	5.03874	14.0108	13.8874	10.2272	359.983	27.4396	9.8209	0.060902
161.	0.	5.03294	14.0107	13.8874	10.2223	359.983	27.4216	9.8113	0.061267
162.	0.	5.02730	14.0106	13.8874	10.2174	359.984	27.4078	9.8016	0.061629
163.	0.	5.02119	14.0105	13.8874	10.2117	359.985	27.3956	9.8021	0.062067
164.	0.	5.01547	14.0104	13.8874	10.2070	359.986	27.3796	9.7924	0.062427
165.	0.	5.00974	14.0103	13.8874	10.2023	359.987	27.3621	9.7828	0.062786
166.	0.	5.00391	14.0102	13.8874	10.1978	359.988	27.3446	9.7731	0.063147
167.	0.	4.99809	14.0101	13.8874	10.1934	359.989	27.3269	9.7635	0.063507
168.	0.	4.99232	14.0101	13.8874	10.1888	359.990	27.3088	9.7539	0.063864
169.	0.	4.98657	14.0100	13.8874	10.1842	359.991	27.2906	9.7442	0.064221
170.	0.	4.98083	14.0099	13.8874	10.1796	359.992	27.2724	9.7346	0.064577
171.	0.	4.97508	14.0098	13.8874	10.1751	359.992	27.2544	9.7249	0.064933
172.	0.	4.96933	14.0097	13.8874	10.1706	359.993	27.2365	9.7153	0.065288
173.	0.	4.96357	14.0096	13.8874	10.1662	359.994	27.2186	9.7056	0.065644
174.	0.	4.95782	14.0096	13.8874	10.1617	359.995	27.2008	9.6960	0.065999
175.	0.	4.95206	14.0095	13.8874	10.1574	359.996	27.1830	9.6864	0.066353
176.	0.	4.94629	14.0094	13.8874	10.1530	359.997	27.1653	9.6767	0.066708
177.	0.	4.94053	14.0093	13.8874	10.1487	359.997	27.1475	9.6671	0.067062
178.	0.	4.93477	14.0093	13.8874	10.1444	359.998	27.1299	9.6574	0.067415
179.	0.	4.92900	14.0092	13.8874	10.1402	359.999	27.1123	9.6478	0.067769
180.	0.	4.92323	14.0091	13.8874	10.1359	359.999	27.0946	9.6381	0.068121
181.	0.	4.91747	14.0091	13.8874	10.1317	360.000	27.0770	9.6285	0.068474
182.	0.	4.91180	14.0090	13.8874	10.1273	0.001	27.0589	9.6188	0.068823
183.	0.	4.90623	14.0089	13.8874	10.1227	0.003	27.0405	9.6092	0.069168
184.	0.	4.90071	14.0089	13.8874	10.1179	0.005	27.0219	9.5995	0.069511
185.	0.	4.89518	14.0088	13.8874	10.1133	0.007	27.0035	9.5899	0.069854
186.	0.	4.88967	14.0087	13.8874	10.1086	0.010	26.9850	9.5802	0.070197
187.	0.	4.88421	14.0087	13.8874	10.1037	0.014	26.9666	9.5705	0.070537
188.	0.	4.87880	14.0086	13.8874	10.0988	0.018	26.9482	9.5609	0.070876
189.	0.	4.87340	14.0085	13.8874	10.0939	0.023	26.9298	9.5512	0.071214
190.	0.	4.86802	14.0085	13.8874	10.0889	0.028	26.9115	9.5416	0.071551
191.	0.	4.86264	14.0084	13.8874	10.0840	0.033	26.8932	9.5319	0.071888
192.	0.	4.85733	14.0084	13.8874	10.0789	0.039	26.8752	9.5222	0.072223
193.	0.	4.85218	14.0083	13.8874	10.0737	0.046	26.8617	9.5126	0.072556

194.	0.	4.84644	14.0082	13.8874	10.0676	0.053	26.8459	9.5130	0.072965
195.	0.	4.84165	14.0082	13.8874	10.0633	0.061	26.8244	9.4932	0.073219
196.	0.	4.83635	14.0082	13.8874	10.0582	0.068	26.8058	9.4836	0.073552
197.	0.	4.83098	14.0081	13.8874	10.0530	0.075	26.7838	9.4739	0.073885
198.	0.	4.82610	14.0081	13.8874	10.0487	0.083	26.7604	9.4541	0.074141
199.	0.	4.82074	14.0080	13.8874	10.0436	0.091	26.7414	9.4445	0.074476
200.	0.	4.81538	14.0080	13.8874	10.0387	0.098	26.7236	9.4348	0.074812
201.	0.	4.80993	14.0079	13.8874	10.0337	0.106	26.7024	9.4251	0.075148
202.	0.	4.80500	14.0079	13.8874	10.0296	0.115	26.6799	9.4054	0.075407
203.	0.	4.79959	14.0078	13.8874	10.0246	0.124	26.6615	9.3957	0.075746
204.	0.	4.79418	14.0078	13.8874	10.0195	0.132	26.6400	9.3861	0.076082
205.	0.	4.78930	14.0078	13.8874	10.0151	0.139	26.6171	9.3663	0.076340
206.	0.	4.78397	14.0077	13.8874	10.0098	0.147	26.5984	9.3567	0.076677
207.	0.	4.77858	14.0077	13.8874	10.0045	0.155	26.5769	9.3470	0.077014
208.	0.	4.77369	14.0077	13.8874	10.0001	0.163	26.5541	9.3273	0.077274
209.	0.	4.76834	14.0076	13.8874	9.9948	0.171	26.5355	9.3176	0.077613
210.	0.	4.76303	14.0076	13.8874	9.9896	0.179	26.5182	9.3080	0.077953
211.	0.	4.75769	14.0075	13.8874	9.9841	0.187	26.4971	9.2983	0.078289
212.	0.	4.75285	14.0075	13.8874	9.9795	0.195	26.4741	9.2785	0.078549
213.	0.	4.74754	14.0075	13.8874	9.9741	0.203	26.4552	9.2689	0.078887
214.	0.	4.74226	14.0075	13.8874	9.9686	0.211	26.4376	9.2592	0.079226
215.	0.	4.73691	14.0074	13.8874	9.9632	0.220	26.4164	9.2496	0.079564
216.	0.	4.73205	14.0074	13.8874	9.9586	0.228	26.3936	9.2298	0.079825
217.	0.	4.72672	14.0074	13.8874	9.9531	0.236	26.3749	9.2202	0.080165
218.	0.	4.72143	14.0073	13.8874	9.9477	0.244	26.3576	9.2105	0.080506
219.	0.	4.71615	14.0073	13.8874	9.9422	0.253	26.3407	9.2008	0.080845
220.	0.	4.71087	14.0073	13.8874	9.9368	0.261	26.3242	9.1912	0.081185
221.	0.	4.70558	14.0072	13.8874	9.9315	0.270	26.3078	9.1815	0.081524
222.	0.	4.70021	14.0072	13.8874	9.9261	0.278	26.2875	9.1719	0.081863
223.	0.	4.69533	14.0072	13.8874	9.9216	0.287	26.2654	9.1521	0.082125
224.	0.	4.68998	14.0072	13.8874	9.9162	0.295	26.2475	9.1425	0.082466
225.	0.	4.68466	14.0072	13.8874	9.9109	0.304	26.2308	9.1328	0.082807
226.	0.	4.67936	14.0071	13.8874	9.9056	0.313	26.2147	9.1231	0.083148
227.	0.	4.67406	14.0071	13.8874	9.9003	0.322	26.1988	9.1135	0.083488
228.	0.	4.66877	14.0071	13.8874	9.8950	0.330	26.1831	9.1038	0.083828
229.	0.	4.66339	14.0071	13.8874	9.8896	0.339	26.1634	9.0942	0.084167
230.	0.	4.65850	14.0070	13.8874	9.8852	0.348	26.1418	9.0744	0.084429
231.	0.	4.65313	14.0070	13.8874	9.8800	0.357	26.1241	9.0648	0.084770
232.	0.	4.64779	14.0070	13.8874	9.8747	0.366	26.1078	9.0551	0.085112
233.	0.	4.64247	14.0070	13.8874	9.8695	0.374	26.0919	9.0455	0.085453
234.	0.	4.63714	14.0070	13.8874	9.8643	0.383	26.0762	9.0358	0.085793
235.	0.	4.63182	14.0069	13.8874	9.8591	0.392	26.0604	9.0261	0.086134
236.	0.	4.62652	14.0069	13.8874	9.8540	0.401	26.0447	9.0165	0.086472
237.	0.	4.62131	14.0069	13.8874	9.8487	0.410	26.0286	9.0068	0.086804
238.	0.	4.61612	14.0069	13.8874	9.8435	0.420	26.0125	8.9971	0.087135
239.	0.	4.61093	14.0069	13.8874	9.8383	0.429	25.9964	8.9875	0.087466
240.	0.	4.60573	14.0069	13.8874	9.8331	0.439	25.9804	8.9778	0.087796
241.	0.	4.60053	14.0068	13.8874	9.8279	0.448	25.9643	8.9681	0.088126
242.	0.	4.59534	14.0068	13.8874	9.8228	0.458	25.9482	8.9585	0.088455
243.	0.	4.59014	14.0068	13.8874	9.8178	0.468	25.9321	8.9488	0.088784
244.	0.	4.58494	14.0068	13.8874	9.8127	0.477	25.9160	8.9391	0.089112
245.	0.	4.57983	14.0068	13.8874	9.8077	0.487	25.9040	8.9294	0.089441
246.	0.	4.57418	14.0068	13.8874	9.8019	0.497	25.8942	8.9298	0.089850
247.	0.	4.56907	14.0067	13.8874	9.7970	0.507	25.8801	8.9202	0.090174
248.	0.	4.56395	14.0067	13.8874	9.7921	0.516	25.8649	8.9105	0.090497
249.	0.	4.55881	14.0067	13.8874	9.7872	0.526	25.8492	8.9008	0.090820
250.	0.	4.55368	14.0067	13.8874	9.7823	0.536	25.8335	8.8911	0.091142
251.	0.	4.54854	14.0067	13.8874	9.7775	0.546	25.8176	8.8815	0.091464
252.	0.	4.54341	14.0067	13.8874	9.7727	0.556	25.8019	8.8718	0.091786
253.	0.	4.53828	14.0067	13.8874	9.7679	0.566	25.7861	8.8621	0.092107
254.	0.	4.53315	14.0067	13.8874	9.7631	0.576	25.7703	8.8524	0.092427
255.	0.	4.52803	14.0066	13.8874	9.7584	0.586	25.7546	8.8427	0.092748
256.	0.	4.52290	14.0066	13.8874	9.7536	0.596	25.7388	8.8331	0.093067
257.	0.	4.51783	14.0066	13.8874	9.7485	0.606	25.7180	8.8234	0.093381
258.	0.	4.51341	14.0066	13.8874	9.7439	0.616	25.6948	8.8036	0.093612
259.	0.	4.50850	14.0066	13.8874	9.7384	0.627	25.6758	8.7939	0.093925
260.	0.	4.50362	14.0066	13.8874	9.7328	0.639	25.6581	8.7842	0.094239

261.	0.	4.49876	14.0066	13.8874	9.7271	0.650	25.6409	8.7746	0.094552
262.	0.	4.49397	14.0066	13.8874	9.7213	0.662	25.6239	8.7649	0.094864
263.	0.	4.48928	14.0066	13.8874	9.7153	0.675	25.6070	8.7552	0.095172
264.	0.	4.48460	14.0066	13.8874	9.7092	0.688	25.5902	8.7455	0.095480
265.	0.	4.47994	14.0065	13.8874	9.7031	0.701	25.5735	8.7358	0.095787
266.	0.	4.47530	14.0065	13.8874	9.6969	0.714	25.5568	8.7261	0.096094
267.	0.	4.47068	14.0065	13.8874	9.6907	0.728	25.5402	8.7164	0.096400
268.	0.	4.46607	14.0065	13.8874	9.6844	0.741	25.5237	8.7067	0.096705
269.	0.	4.46149	14.0065	13.8874	9.6782	0.755	25.5072	8.6970	0.097010
270.	0.	4.45692	14.0065	13.8874	9.6718	0.769	25.4908	8.6873	0.097314
271.	0.	4.45244	14.0065	13.8874	9.6653	0.784	25.4749	8.6776	0.097616
272.	0.	4.44794	14.0065	13.8874	9.6588	0.800	25.4591	8.6679	0.097918
273.	0.	4.44347	14.0065	13.8874	9.6522	0.815	25.4434	8.6582	0.098219
274.	0.	4.43899	14.0065	13.8874	9.6457	0.830	25.4279	8.6485	0.098521
275.	0.	4.43446	14.0065	13.8874	9.6391	0.846	25.4083	8.6388	0.098820
276.	0.	4.43047	14.0065	13.8874	9.6334	0.861	25.3865	8.6190	0.099039
277.	0.	4.42596	14.0065	13.8874	9.6267	0.877	25.3692	8.6093	0.099342
278.	0.	4.42136	14.0065	13.8874	9.6201	0.892	25.3493	8.5996	0.099645
279.	0.	4.41733	14.0065	13.8874	9.6144	0.908	25.3276	8.5799	0.099867
280.	0.	4.41270	14.0065	13.8874	9.6077	0.923	25.3066	8.5702	0.100172
281.	0.	4.40866	14.0065	13.8874	9.6019	0.939	25.2846	8.5504	0.100395
282.	0.	4.40408	14.0065	13.8874	9.5952	0.955	25.2678	8.5407	0.100703
283.	0.	4.39944	14.0065	13.8874	9.5885	0.971	25.2483	8.5310	0.101012
284.	0.	4.39536	14.0065	13.8874	9.5827	0.987	25.2271	8.5112	0.101237
285.	0.	4.39067	14.0065	13.8874	9.5759	1.003	25.2065	8.5015	0.101548
286.	0.	4.38658	14.0065	13.8874	9.5700	1.019	25.1852	8.4818	0.101776
287.	0.	4.38195	14.0065	13.8874	9.5631	1.036	25.1689	8.4721	0.102090
288.	0.	4.37728	14.0065	13.8874	9.5562	1.052	25.1503	8.4624	0.102404
289.	0.	4.37321	14.0065	13.8874	9.5501	1.069	25.1303	8.4426	0.102634
290.	0.	4.36855	14.0065	13.8874	9.5430	1.087	25.1112	8.4329	0.102949
291.	0.	4.36448	14.0065	13.8874	9.5368	1.105	25.0913	8.4132	0.103181
292.	0.	4.35988	14.0065	13.8874	9.5295	1.123	25.0765	8.4035	0.103501
293.	0.	4.35525	14.0065	13.8874	9.5222	1.141	25.0594	8.3938	0.103819
294.	0.	4.35119	14.0065	13.8874	9.5158	1.159	25.0405	8.3741	0.104053
295.	0.	4.34652	14.0065	13.8874	9.5084	1.178	25.0222	8.3644	0.104373
296.	0.	4.34244	14.0065	13.8874	9.5019	1.196	25.0030	8.3446	0.104609
297.	0.	4.33776	14.0065	13.8874	9.4944	1.215	24.9850	8.3349	0.104932
298.	0.	4.33369	14.0065	13.8874	9.4878	1.233	24.9659	8.3152	0.105169
299.	0.	4.32901	14.0065	13.8874	9.4801	1.252	24.9481	8.3055	0.105495
300.	0.	4.32493	14.0065	13.8874	9.4733	1.271	24.9294	8.2857	0.105735
301.	0.	4.32020	14.0065	13.8874	9.4656	1.290	24.9122	8.2761	0.106064
302.	0.	4.31609	14.0065	13.8874	9.4588	1.309	24.8942	8.2563	0.106307
303.	0.	4.31136	14.0065	13.8874	9.4510	1.329	24.8776	8.2466	0.106639
304.	0.	4.30724	14.0065	13.8874	9.4440	1.349	24.8601	8.2269	0.106884
305.	0.	4.30251	14.0065	13.8874	9.4360	1.369	24.8440	8.2172	0.107219
306.	0.	4.29839	14.0066	13.8874	9.4289	1.389	24.8272	8.1975	0.107467
307.	0.	4.29366	14.0066	13.8874	9.4207	1.410	24.8119	8.1878	0.107804
308.	0.	4.28954	14.0066	13.8874	9.4135	1.431	24.7957	8.1681	0.108055
309.	0.	4.28479	14.0066	13.8874	9.4052	1.452	24.7809	8.1584	0.108395
310.	0.	4.28062	14.0066	13.8874	9.3980	1.473	24.7652	8.1386	0.108649
311.	0.	4.27583	14.0066	13.8874	9.3897	1.495	24.7509	8.1290	0.108993
312.	0.	4.27158	14.0066	13.8874	9.3823	1.517	24.7319	8.1092	0.109249
313.	0.	4.26729	14.0066	13.8874	9.3750	1.540	24.7159	8.0895	0.109511
314.	0.	4.26232	14.0066	13.8874	9.3668	1.564	24.7023	8.0799	0.109868
315.	0.	4.25796	14.0066	13.8874	9.3596	1.589	24.6883	8.0601	0.110137
316.	0.	4.25296	14.0066	13.8874	9.3513	1.615	24.6763	8.0505	0.110498
317.	0.	4.24841	14.0066	13.8874	9.3442	1.642	24.6600	8.0308	0.110775
318.	0.	4.24388	14.0066	13.8874	9.3370	1.669	24.6467	8.0111	0.111056
319.	0.	4.23875	14.0066	13.8874	9.3287	1.697	24.6359	8.0014	0.111427
320.	0.	4.23415	14.0066	13.8874	9.3213	1.725	24.6208	7.9817	0.111711
321.	0.	4.22958	14.0067	13.8874	9.3140	1.753	24.6087	7.9620	0.111998
322.	0.	4.22441	14.0067	13.8874	9.3054	1.783	24.5993	7.9524	0.112377
323.	0.	4.21986	14.0067	13.8874	9.2979	1.813	24.5895	7.9327	0.112667
324.	0.	4.21470	14.0067	13.8874	9.2892	1.844	24.5815	7.9230	0.113049
325.	0.	4.21009	14.0067	13.8874	9.2815	1.875	24.5692	7.9033	0.113340
326.	0.	4.20550	14.0067	13.8874	9.2738	1.908	24.5597	7.8836	0.113635
327.	0.	4.20030	14.0067	13.8874	9.2649	1.940	24.5528	7.8740	0.114023

328.	0.	4.19568	14.0067	13.8874	9.2571	1.974	24.5455	7.8543	0.114323
329.	0.	4.19047	14.0067	13.8874	9.2480	2.008	24.5400	7.8447	0.114715
330.	0.	4.18580	14.0067	13.8874	9.2401	2.042	24.5297	7.8250	0.115016
331.	0.	4.18115	14.0067	13.8874	9.2320	2.077	24.5225	7.8053	0.115321
332.	0.	4.17583	14.0067	13.8874	9.2229	2.113	24.5184	7.7957	0.115723
333.	0.	4.17102	14.0067	13.8874	9.2150	2.149	24.5100	7.7760	0.116036
334.	0.	4.16624	14.0068	13.8874	9.2069	2.186	24.5046	7.7564	0.116352
335.	0.	4.16087	14.0067	13.8874	9.1976	2.224	24.5018	7.7468	0.116761
336.	0.	4.15605	14.0068	13.8874	9.1895	2.262	24.4985	7.7271	0.117082
337.	0.	4.15063	14.0068	13.8874	9.1803	2.300	24.4969	7.7175	0.117497
338.	0.	4.14579	14.0068	13.8874	9.1718	2.342	24.4901	7.6978	0.117820
339.	0.	4.14101	14.0068	13.8874	9.1631	2.385	24.4861	7.6781	0.118146
340.	0.	4.13568	14.0068	13.8874	9.1531	2.428	24.4845	7.6686	0.118565
341.	0.	4.13074	14.0068	13.8874	9.1445	2.469	24.4771	7.6489	0.118898
342.	0.	4.12573	14.0068	13.8874	9.1359	2.509	24.4715	7.6292	0.119236
343.	0.	4.12016	14.0068	13.8874	9.1261	2.550	24.4685	7.6197	0.119668
344.	0.	4.11511	14.0068	13.8874	9.1175	2.590	24.4647	7.6000	0.120013
345.	0.	4.10951	14.0068	13.8874	9.1075	2.632	24.4625	7.5904	0.120449
346.	0.	4.10435	14.0068	13.8874	9.0989	2.672	24.4550	7.5708	0.120796
347.	0.	4.09917	14.0068	13.8874	9.0901	2.712	24.4459	7.5511	0.121144
348.	0.	4.09395	14.0069	13.8874	9.0813	2.753	24.4362	7.5315	0.121495
349.	0.	4.08866	14.0069	13.8874	9.0724	2.792	24.4260	7.5119	0.121851
350.	0.	4.08330	14.0069	13.8874	9.0635	2.832	24.4156	7.4922	0.122212
351.	0.	4.07786	14.0069	13.8874	9.0545	2.871	24.4050	7.4726	0.122579
352.	0.	4.07221	14.0069	13.8874	9.0458	2.908	24.3898	7.4530	0.122953
353.	0.	4.06694	14.0069	13.8874	9.0385	2.943	24.3707	7.4232	0.123241
354.	0.	4.06099	14.0070	13.8874	9.0300	2.978	24.3569	7.4036	0.123636
355.	0.	4.05493	14.0070	13.8874	9.0217	3.014	24.3438	7.3840	0.124038
356.	0.	4.04866	14.0070	13.8874	9.0137	3.046	24.3292	7.3644	0.124450
357.	0.	4.04223	14.0070	13.8874	9.0057	3.077	24.3106	7.3449	0.124866
358.	0.	4.03631	14.0070	13.8874	8.9990	3.108	24.2883	7.3152	0.125191
359.	0.	4.02981	14.0070	13.8874	8.9908	3.140	24.2712	7.2956	0.125619
360.	0.	4.02325	14.0071	13.8874	8.9826	3.171	24.2553	7.2761	0.126053
361.	0.	4.01653	14.0071	13.8874	8.9745	3.201	24.2354	7.2565	0.126492
362.	0.	4.01031	14.0071	13.8874	8.9677	3.231	24.2120	7.2268	0.126839
363.	0.	4.00349	14.0071	13.8874	8.9595	3.262	24.1942	7.2073	0.127291
364.	0.	3.99656	14.0071	13.8874	8.9514	3.294	24.1775	7.1878	0.127751
365.	0.	3.98951	14.0071	13.8874	8.9433	3.325	24.1568	7.1682	0.128215
366.	0.	3.98293	14.0072	13.8874	8.9366	3.355	24.1325	7.1386	0.128587
367.	0.	3.97574	14.0072	13.8874	8.9285	3.386	24.1138	7.1191	0.129065
368.	0.	3.96847	14.0072	13.8874	8.9204	3.416	24.0962	7.0995	0.129550
369.	0.	3.96110	14.0072	13.8874	8.9125	3.446	24.0787	7.0800	0.130041
370.	0.	3.95358	14.0072	13.8874	8.9047	3.476	24.0571	7.0605	0.130536
371.	0.	3.94653	14.0073	13.8874	8.8983	3.505	24.0317	7.0309	0.130937
372.	0.	3.93890	14.0073	13.8874	8.8904	3.535	24.0119	7.0114	0.131445
373.	0.	3.93122	14.0073	13.8874	8.8825	3.564	23.9931	6.9920	0.131959
374.	0.	3.92341	14.0073	13.8874	8.8747	3.593	23.9702	6.9725	0.132476
375.	0.	3.91590	14.0073	13.8874	8.8686	3.618	23.9420	6.9429	0.132904
376.	0.	3.90783	14.0073	13.8874	8.8611	3.644	23.9195	6.9234	0.133439
377.	0.	3.89967	14.0074	13.8874	8.8537	3.669	23.8977	6.9040	0.133980
378.	0.	3.89138	14.0074	13.8874	8.8463	3.693	23.8715	6.8845	0.134524
379.	0.	3.88346	14.0074	13.8874	8.8406	3.716	23.8409	6.8550	0.134979
380.	0.	3.87503	14.0074	13.8874	8.8332	3.740	23.8167	6.8355	0.135538
381.	0.	3.86656	14.0074	13.8874	8.8259	3.765	23.7937	6.8161	0.136101
382.	0.	3.85806	14.0074	13.8874	8.8185	3.789	23.7710	6.7967	0.136668
383.	0.	3.84951	14.0075	13.8874	8.8112	3.813	23.7481	6.7772	0.137238
384.	0.	3.84085	14.0075	13.8874	8.8039	3.835	23.7207	6.7578	0.137809
385.	0.	3.83255	14.0075	13.8874	8.7984	3.856	23.6889	6.7283	0.138290
386.	0.	3.82372	14.0075	13.8874	8.7912	3.878	23.6636	6.7089	0.138877
387.	0.	3.81485	14.0075	13.8874	8.7841	3.900	23.6394	6.6895	0.139468
388.	0.	3.80592	14.0076	13.8874	8.7771	3.922	23.6157	6.6701	0.140063
389.	0.	3.79694	14.0076	13.8874	8.7702	3.943	23.5920	6.6507	0.140661
390.	0.	3.78793	14.0076	13.8874	8.7633	3.964	23.5682	6.6313	0.141261
391.	0.	3.77887	14.0076	13.8874	8.7564	3.985	23.5442	6.6119	0.141865
392.	0.	3.76977	14.0076	13.8874	8.7495	4.005	23.5201	6.5925	0.142470
393.	0.	3.76064	14.0076	13.8874	8.7427	4.025	23.4957	6.5731	0.143079
394.	0.	3.75146	14.0077	13.8874	8.7360	4.045	23.4712	6.5537	0.143689

395.	0.	3.74228	14.0077	13.8874	8.7293	4.064	23.4502	6.5343	0.144304
396.	0.	3.73269	14.0077	13.8874	8.7209	4.084	23.4334	6.5250	0.145015
397.	0.	3.72351	14.0077	13.8874	8.7143	4.102	23.4098	6.5056	0.145625
398.	0.	3.71429	14.0077	13.8874	8.7077	4.120	23.3848	6.4862	0.146236
399.	0.	3.70503	14.0077	13.8874	8.7012	4.137	23.3592	6.4668	0.146850
400.	0.	3.69574	14.0078	13.8874	8.6947	4.154	23.3333	6.4475	0.147466
401.	0.	3.68642	14.0078	13.8874	8.6882	4.170	23.3073	6.4281	0.148083
402.	0.	3.67706	14.0078	13.8874	8.6818	4.187	23.2812	6.4087	0.148704
403.	0.	3.66768	14.0078	13.8874	8.6754	4.203	23.2550	6.3893	0.149326
404.	0.	3.65827	14.0078	13.8874	8.6690	4.219	23.2287	6.3699	0.149950
405.	0.	3.64888	14.0078	13.8874	8.6626	4.235	23.2070	6.3506	0.150578
406.	0.	3.63907	14.0079	13.8874	8.6545	4.253	23.1899	6.3413	0.151302
407.	0.	3.62964	14.0079	13.8874	8.6484	4.269	23.1660	6.3219	0.151927
408.	0.	3.62016	14.0079	13.8874	8.6424	4.283	23.1406	6.3026	0.152553
409.	0.	3.61063	14.0079	13.8874	8.6364	4.298	23.1148	6.2832	0.153182
410.	0.	3.60104	14.0079	13.8874	8.6306	4.312	23.0888	6.2638	0.153814
411.	0.	3.59141	14.0079	13.8874	8.6248	4.325	23.0628	6.2444	0.154448
412.	0.	3.58177	14.0080	13.8874	8.6190	4.339	23.0369	6.2251	0.155084
413.	0.	3.57208	14.0080	13.8874	8.6134	4.352	23.0109	6.2057	0.155722
414.	0.	3.56236	14.0080	13.8874	8.6077	4.365	22.9848	6.1864	0.156363
415.	0.	3.55266	14.0080	13.8874	8.6022	4.378	22.9632	6.1670	0.157007
416.	0.	3.54253	14.0080	13.8874	8.5949	4.393	22.9462	6.1577	0.157748
417.	0.	3.53273	14.0080	13.8874	8.5897	4.403	22.9219	6.1384	0.158391
418.	0.	3.52292	14.0081	13.8874	8.5845	4.413	22.8960	6.1190	0.159034
419.	0.	3.51308	14.0081	13.8874	8.5794	4.423	22.8695	6.0997	0.159679
420.	0.	3.50321	14.0081	13.8874	8.5743	4.432	22.8428	6.0803	0.160325
421.	0.	3.49337	14.0081	13.8874	8.5692	4.442	22.8207	6.0610	0.160974
422.	0.	3.48319	14.0081	13.8874	8.5622	4.455	22.8034	6.0517	0.161716
423.	0.	3.47334	14.0081	13.8874	8.5573	4.464	22.7791	6.0324	0.162361
424.	0.	3.46353	14.0082	13.8874	8.5525	4.473	22.7577	6.0130	0.163007
425.	0.	3.45337	14.0082	13.8874	8.5457	4.485	22.7406	6.0037	0.163745
426.	0.	3.44360	14.0082	13.8874	8.5410	4.494	22.7210	5.9844	0.164387
427.	0.	3.43350	14.0082	13.8874	8.5343	4.506	22.7046	5.9751	0.165119
428.	0.	3.42374	14.0082	13.8874	8.5298	4.513	22.6806	5.9558	0.165755
429.	0.	3.41403	14.0082	13.8874	8.5252	4.521	22.6593	5.9364	0.166390
430.	0.	3.40400	14.0082	13.8874	8.5186	4.532	22.6424	5.9271	0.167115
431.	0.	3.39431	14.0082	13.8874	8.5141	4.539	22.6181	5.9077	0.167745
432.	0.	3.38465	14.0083	13.8874	8.5096	4.546	22.5968	5.8884	0.168376
433.	0.	3.37467	14.0083	13.8874	8.5031	4.556	22.5798	5.8791	0.169097
434.	0.	3.36510	14.0083	13.8874	8.4987	4.563	22.5600	5.8597	0.169723
435.	0.	3.35520	14.0083	13.8874	8.4922	4.573	22.5434	5.8504	0.170438
436.	0.	3.34562	14.0083	13.8874	8.4879	4.579	22.5193	5.8311	0.171058
437.	0.	3.33607	14.0083	13.8874	8.4837	4.585	22.4981	5.8117	0.171679
438.	0.	3.32620	14.0083	13.8874	8.4773	4.594	22.4812	5.8024	0.172390
439.	0.	3.31664	14.0083	13.8874	8.4732	4.600	22.4569	5.7830	0.173007
440.	0.	3.30713	14.0083	13.8874	8.4691	4.606	22.4356	5.7636	0.173624
441.	0.	3.29730	14.0083	13.8874	8.4629	4.614	22.4187	5.7543	0.174331
442.	0.	3.28784	14.0083	13.8874	8.4589	4.620	22.3991	5.7349	0.174945
443.	0.	3.27807	14.0083	13.8874	8.4527	4.628	22.3827	5.7256	0.175647
444.	0.	3.26861	14.0084	13.8874	8.4489	4.633	22.3585	5.7063	0.176255
445.	0.	3.25919	14.0084	13.8874	8.4450	4.638	22.3372	5.6869	0.176864
446.	0.	3.24946	14.0084	13.8874	8.4390	4.646	22.3203	5.6776	0.177561
447.	0.	3.24002	14.0084	13.8874	8.4352	4.650	22.2958	5.6582	0.178167
448.	0.	3.23062	14.0084	13.8874	8.4315	4.654	22.2746	5.6388	0.178773
449.	0.	3.22092	14.0084	13.8874	8.4256	4.662	22.2577	5.6295	0.179467
450.	0.	3.21151	14.0084	13.8874	8.4220	4.665	22.2332	5.6101	0.180070
451.	0.	3.20208	14.0084	13.8874	8.4184	4.668	22.2070	5.5907	0.180673
452.	0.	3.19256	14.0084	13.8874	8.4149	4.669	22.1754	5.5713	0.181276
453.	0.	3.18332	14.0084	13.8874	8.4137	4.666	22.1381	5.5418	0.181792
454.	0.	3.17368	14.0084	13.8874	8.4102	4.668	22.1084	5.5224	0.182410
455.	0.	3.16396	14.0084	13.8874	8.4068	4.668	22.0753	5.5030	0.183031
456.	0.	3.15453	14.0085	13.8874	8.4057	4.665	22.0373	5.4736	0.183563
457.	0.	3.14469	14.0085	13.8874	8.4024	4.666	22.0069	5.4542	0.184197
458.	0.	3.13477	14.0085	13.8874	8.3991	4.665	21.9731	5.4348	0.184834
459.	0.	3.12514	14.0085	13.8874	8.3982	4.661	21.9338	5.4054	0.185383
460.	0.	3.11513	14.0085	13.8874	8.3949	4.661	21.9018	5.3860	0.186032
461.	0.	3.10505	14.0085	13.8874	8.3916	4.659	21.8661	5.3667	0.186684

462.	0.	3.09528	14.0086	13.8874	8.3906	4.654	21.8250	5.3372	0.187245
463.	0.	3.08503	14.0086	13.8874	8.3874	4.651	21.7868	5.3179	0.187910
464.	0.	3.07509	14.0086	13.8874	8.3866	4.644	21.7443	5.2885	0.188485
465.	0.	3.06468	14.0086	13.8874	8.3835	4.640	21.7050	5.2692	0.189164
466.	0.	3.05458	14.0086	13.8874	8.3828	4.633	21.6615	5.2398	0.189753
467.	0.	3.04403	14.0086	13.8874	8.3797	4.629	21.6216	5.2204	0.190445
468.	0.	3.03386	14.0087	13.8874	8.3787	4.621	21.5782	5.1910	0.191045
469.	0.	3.02319	14.0087	13.8874	8.3755	4.616	21.5384	5.1718	0.191751
470.	0.	3.01280	14.0087	13.8874	8.3747	4.606	21.4898	5.1424	0.192364
471.	0.	3.00232	14.0087	13.8874	8.3740	4.598	21.4437	5.1130	0.192990
472.	0.	2.99132	14.0087	13.8874	8.3711	4.593	21.4021	5.0937	0.193723
473.	0.	2.98071	14.0088	13.8874	8.3704	4.586	21.3574	5.0644	0.194364
474.	0.	2.96958	14.0088	13.8874	8.3675	4.581	21.3157	5.0451	0.195111
475.	0.	2.95884	14.0088	13.8874	8.3669	4.574	21.2706	5.0158	0.195764
476.	0.	2.94759	14.0088	13.8874	8.3640	4.569	21.2282	4.9965	0.196524
477.	0.	2.93672	14.0089	13.8874	8.3635	4.561	21.1824	4.9672	0.197190
478.	0.	2.92532	14.0089	13.8874	8.3607	4.556	21.1393	4.9480	0.197964
479.	0.	2.91426	14.0089	13.8874	8.3603	4.546	21.0874	4.9186	0.198641
480.	0.	2.90312	14.0090	13.8874	8.3600	4.537	21.0380	4.8893	0.199329
481.	0.	2.89146	14.0090	13.8874	8.3573	4.530	20.9928	4.8701	0.200128
482.	0.	2.88020	14.0090	13.8874	8.3571	4.521	20.9446	4.8408	0.200831
483.	0.	2.86842	14.0090	13.8874	8.3545	4.514	20.8993	4.8216	0.201643
484.	0.	2.85705	14.0091	13.8874	8.3544	4.504	20.8506	4.7924	0.202357
485.	0.	2.84515	14.0091	13.8874	8.3519	4.497	20.8047	4.7732	0.203182
486.	0.	2.83361	14.0091	13.8874	8.3519	4.485	20.7498	4.7439	0.203906
487.	0.	2.82200	14.0092	13.8874	8.3519	4.474	20.6978	4.7146	0.204643
488.	0.	2.80989	14.0092	13.8874	8.3493	4.468	20.6519	4.6955	0.205494
489.	0.	2.79820	14.0092	13.8874	8.3492	4.458	20.6023	4.6662	0.206245
490.	0.	2.78591	14.0092	13.8874	8.3470	4.449	20.5544	4.6471	0.207110
491.	0.	2.77406	14.0093	13.8874	8.3474	4.436	20.5023	4.6179	0.207872
492.	0.	2.76166	14.0093	13.8874	8.3454	4.427	20.4534	4.5987	0.208747
493.	0.	2.74967	14.0094	13.8874	8.3459	4.412	20.3952	4.5695	0.209519
494.	0.	2.73761	14.0094	13.8874	8.3464	4.399	20.3402	4.5403	0.210302
495.	0.	2.72501	14.0094	13.8874	8.3445	4.389	20.2898	4.5212	0.211200
496.	0.	2.71290	14.0095	13.8874	8.3451	4.376	20.2361	4.4920	0.211993
497.	0.	2.70025	14.0095	13.8874	8.3432	4.365	20.1864	4.4729	0.212900
498.	0.	2.68810	14.0096	13.8874	8.3439	4.352	20.1331	4.4437	0.213700
499.	0.	2.67539	14.0096	13.8874	8.3420	4.342	20.0833	4.4246	0.214615
500.	0.	2.66314	14.0096	13.8874	8.3428	4.328	20.0243	4.3954	0.215423
501.	0.	2.65082	14.0097	13.8874	8.3435	4.314	19.9683	4.3662	0.216243
502.	0.	2.63791	14.0097	13.8874	8.3419	4.303	19.9173	4.3472	0.217181
503.	0.	2.62561	14.0098	13.8874	8.3424	4.289	19.8627	4.3180	0.218007
504.	0.	2.61274	14.0098	13.8874	8.3405	4.278	19.8118	4.2990	0.218951
505.	0.	2.60041	14.0099	13.8874	8.3410	4.263	19.7572	4.2698	0.219784
506.	0.	2.58760	14.0099	13.8874	8.3386	4.249	19.7073	4.2507	0.220734
507.	0.	2.57561	14.0100	13.8874	8.3374	4.235	19.6530	4.2216	0.221562
508.	0.	2.56308	14.0100	13.8874	8.3337	4.228	19.6070	4.2025	0.222510
509.	0.	2.55053	14.0101	13.8874	8.3296	4.224	19.5545	4.1835	0.223459
510.	0.	2.53864	14.0101	13.8874	8.3281	4.215	19.5002	4.1543	0.224289
511.	0.	2.52608	14.0102	13.8874	8.3242	4.208	19.4487	4.1352	0.225243
512.	0.	2.51411	14.0102	13.8874	8.3226	4.199	19.3941	4.1061	0.226084
513.	0.	2.50169	14.0103	13.8874	8.3177	4.200	19.3528	4.0870	0.227048
514.	0.	2.48919	14.0104	13.8874	8.3135	4.198	19.3115	4.0680	0.228014
515.	0.	2.47671	14.0104	13.8874	8.3094	4.195	19.2707	4.0490	0.228978
516.	0.	2.46434	14.0105	13.8874	8.3049	4.188	19.2300	4.0299	0.229936
517.	0.	2.45195	14.0105	13.8874	8.3009	4.181	19.1892	4.0109	0.230894
518.	0.	2.43952	14.0106	13.8874	8.2972	4.175	19.1478	3.9919	0.231853
519.	0.	2.42709	14.0106	13.8874	8.2938	4.169	19.1056	3.9728	0.232809
520.	0.	2.41469	14.0107	13.8874	8.2905	4.162	19.0633	3.9538	0.233763
521.	0.	2.40247	14.0107	13.8874	8.2866	4.161	19.0247	3.9347	0.234712
522.	0.	2.39012	14.0108	13.8874	8.2835	4.157	18.9844	3.9157	0.235663
523.	0.	2.37777	14.0109	13.8874	8.2807	4.151	18.9428	3.8966	0.236612
524.	0.	2.36554	14.0109	13.8874	8.2775	4.142	18.9017	3.8776	0.237556
525.	0.	2.35331	14.0110	13.8874	8.2746	4.133	18.8601	3.8585	0.238499
526.	0.	2.34103	14.0111	13.8874	8.2722	4.124	18.8175	3.8394	0.239442
527.	0.	2.32872	14.0111	13.8874	8.2702	4.115	18.7738	3.8204	0.240384
528.	0.	2.31639	14.0112	13.8874	8.2685	4.106	18.7293	3.8013	0.241326

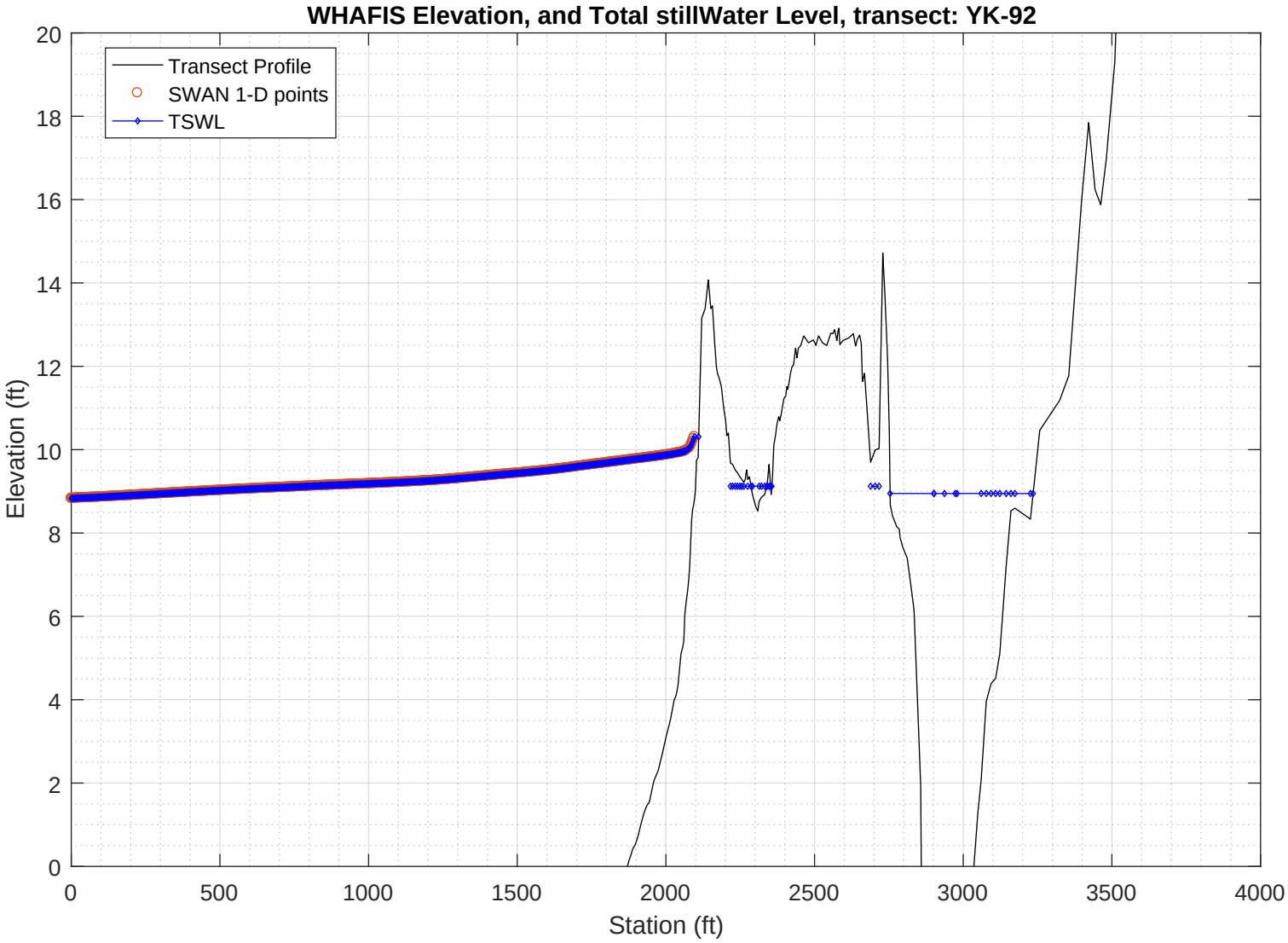
529.	0.	2.30407	14.0113	13.8874	8.2672	4.096	18.6847	3.7823	0.242267
530.	0.	2.29174	14.0113	13.8874	8.2661	4.086	18.6397	3.7632	0.243207
531.	0.	2.27942	14.0114	13.8874	8.2652	4.076	18.5942	3.7441	0.244145
532.	0.	2.26711	14.0115	13.8874	8.2647	4.065	18.5487	3.7251	0.245082
533.	0.	2.25494	14.0115	13.8874	8.2636	4.058	18.5063	3.7060	0.246014
534.	0.	2.24270	14.0116	13.8874	8.2633	4.049	18.4620	3.6869	0.246947
535.	0.	2.23043	14.0117	13.8874	8.2634	4.039	18.4162	3.6679	0.247879
536.	0.	2.21818	14.0118	13.8874	8.2637	4.028	18.3701	3.6488	0.248810
537.	0.	2.20594	14.0118	13.8874	8.2642	4.018	18.3236	3.6297	0.249739
538.	0.	2.19372	14.0119	13.8874	8.2650	4.007	18.2765	3.6107	0.250666
539.	0.	2.18152	14.0120	13.8874	8.2660	3.995	18.2292	3.5916	0.251591
540.	0.	2.16945	14.0121	13.8874	8.2666	3.981	18.1828	3.5725	0.252511
541.	0.	2.15738	14.0122	13.8874	8.2675	3.967	18.1360	3.5534	0.253429
542.	0.	2.14524	14.0123	13.8874	8.2689	3.952	18.0825	3.5343	0.254348
543.	0.	2.13379	14.0124	13.8874	8.2729	3.935	18.0239	3.5051	0.255146
544.	0.	2.12151	14.0125	13.8874	8.2748	3.921	17.9718	3.4861	0.256081
545.	0.	2.10925	14.0126	13.8874	8.2769	3.908	17.9211	3.4670	0.257016
546.	0.	2.09701	14.0127	13.8874	8.2792	3.894	17.8702	3.4479	0.257949
547.	0.	2.08479	14.0128	13.8874	8.2818	3.881	17.8190	3.4289	0.258879
548.	0.	2.07261	14.0129	13.8874	8.2846	3.868	17.7672	3.4098	0.259808
549.	0.	2.06045	14.0130	13.8874	8.2876	3.854	17.7151	3.3907	0.260734
550.	0.	2.04831	14.0131	13.8874	8.2908	3.840	17.6626	3.3717	0.261659
551.	0.	2.03618	14.0132	13.8874	8.2944	3.827	17.6091	3.3526	0.262582
552.	0.	2.02406	14.0133	13.8874	8.2983	3.814	17.5551	3.3335	0.263503
553.	0.	2.01198	14.0134	13.8874	8.3024	3.801	17.5008	3.3144	0.264422
554.	0.	1.99994	14.0135	13.8874	8.3066	3.788	17.4460	3.2953	0.265338
555.	0.	1.98790	14.0136	13.8874	8.3111	3.775	17.3910	3.2763	0.266255
556.	0.	1.97588	14.0137	13.8874	8.3159	3.763	17.3358	3.2572	0.267170
557.	0.	1.96390	14.0139	13.8874	8.3208	3.750	17.2802	3.2381	0.268084
558.	0.	1.95195	14.0140	13.8874	8.3259	3.737	17.2242	3.2190	0.268995
559.	0.	1.93996	14.0141	13.8874	8.3314	3.721	17.1608	3.1999	0.269905
560.	0.	1.92870	14.0142	13.8874	8.3398	3.703	17.0920	3.1707	0.270694
561.	0.	1.91659	14.0144	13.8874	8.3457	3.687	17.0302	3.1516	0.271622
562.	0.	1.90452	14.0145	13.8874	8.3518	3.673	16.9701	3.1325	0.272549
563.	0.	1.89250	14.0146	13.8874	8.3579	3.658	16.9103	3.1135	0.273473
564.	0.	1.88053	14.0148	13.8874	8.3641	3.643	16.8505	3.0944	0.274395
565.	0.	1.86861	14.0149	13.8874	8.3705	3.629	16.7907	3.0753	0.275314
566.	0.	1.85675	14.0150	13.8874	8.3769	3.615	16.7308	3.0562	0.276230
567.	0.	1.84493	14.0152	13.8874	8.3834	3.601	16.6709	3.0371	0.277144
568.	0.	1.83315	14.0153	13.8874	8.3900	3.587	16.6112	3.0181	0.278056
569.	0.	1.82143	14.0154	13.8874	8.3967	3.573	16.5516	2.9990	0.278966
570.	0.	1.80968	14.0156	13.8874	8.4037	3.559	16.4850	2.9799	0.279875
571.	0.	1.79863	14.0157	13.8874	8.4139	3.541	16.4055	2.9507	0.280662
572.	0.	1.78741	14.0159	13.8874	8.4243	3.523	16.3283	2.9215	0.281470
573.	0.	1.77524	14.0160	13.8874	8.4325	3.508	16.2607	2.9024	0.282427
574.	0.	1.76313	14.0162	13.8874	8.4407	3.495	16.1959	2.8834	0.283382
575.	0.	1.75110	14.0163	13.8874	8.4489	3.482	16.1320	2.8643	0.284333
576.	0.	1.73914	14.0165	13.8874	8.4572	3.471	16.0747	2.8453	0.285283
577.	0.	1.72649	14.0167	13.8874	8.4628	3.463	16.0224	2.8364	0.286351
578.	0.	1.71487	14.0168	13.8874	8.4713	3.454	15.9685	2.8173	0.287270
579.	0.	1.70254	14.0170	13.8874	8.4771	3.443	15.9108	2.8083	0.288304
580.	0.	1.69201	14.0171	13.8874	8.4882	3.430	15.8401	2.7791	0.289069
581.	0.	1.68052	14.0173	13.8874	8.4967	3.417	15.7680	2.7600	0.289974
582.	0.	1.66984	14.0175	13.8874	8.5079	3.403	15.6855	2.7308	0.290756
583.	0.	1.65913	14.0177	13.8874	8.5185	3.392	15.6023	2.7015	0.291546
584.	0.	1.64832	14.0178	13.8874	8.5287	3.384	15.5254	2.6724	0.292356
585.	0.	1.63668	14.0180	13.8874	8.5354	3.374	15.4540	2.6533	0.293304
586.	0.	1.62591	14.0182	13.8874	8.5446	3.362	15.3743	2.6241	0.294121
587.	0.	1.61501	14.0184	13.8874	8.5535	3.351	15.2994	2.5950	0.294960
588.	0.	1.60318	14.0186	13.8874	8.5594	3.345	15.2423	2.5760	0.295953
589.	0.	1.59061	14.0188	13.8874	8.5622	3.340	15.1933	2.5671	0.297072
590.	0.	1.57919	14.0190	13.8874	8.5677	3.337	15.1446	2.5480	0.298033
591.	0.	1.56705	14.0192	13.8874	8.5701	3.335	15.1063	2.5391	0.299117
592.	0.	1.55521	14.0194	13.8874	8.5724	3.333	15.0638	2.5302	0.300169
593.	0.	1.54443	14.0196	13.8874	8.5775	3.325	15.0032	2.5111	0.301064
594.	0.	1.53447	14.0198	13.8874	8.5853	3.312	14.9201	2.4818	0.301829
595.	0.	1.52515	14.0200	13.8874	8.5958	3.298	14.8282	2.4425	0.302490

596.	0.	1.51455	14.0202	13.8874	8.6033	3.286	14.7417	2.4133	0.303335
597.	0.	1.50373	14.0205	13.8874	8.6107	3.274	14.6566	2.3842	0.304211
598.	0.	1.49275	14.0207	13.8874	8.6178	3.267	14.5864	2.3551	0.305118
599.	0.	1.47987	14.0209	13.8874	8.6191	3.264	14.5322	2.3463	0.306321
600.	0.	1.46816	14.0211	13.8874	8.6231	3.259	14.4731	2.3274	0.307357
601.	0.	1.45650	14.0214	13.8874	8.6270	3.256	14.4114	2.3084	0.308391
602.	0.	1.44491	14.0216	13.8874	8.6310	3.248	14.3431	2.2894	0.309418
603.	0.	1.43423	14.0218	13.8874	8.6378	3.238	14.2620	2.2603	0.310307
604.	0.	1.42333	14.0221	13.8874	8.6445	3.227	14.1759	2.2312	0.311225
605.	0.	1.41222	14.0223	13.8874	8.6512	3.216	14.0880	2.2022	0.312174
606.	0.	1.40088	14.0226	13.8874	8.6577	3.205	13.9985	2.1732	0.313153
607.	0.	1.38932	14.0229	13.8874	8.6641	3.195	13.9079	2.1442	0.314165
608.	0.	1.37754	14.0231	13.8874	8.6703	3.184	13.8162	2.1152	0.315209
609.	0.	1.36554	14.0234	13.8874	8.6765	3.173	13.7238	2.0863	0.316284
610.	0.	1.35333	14.0237	13.8874	8.6826	3.162	13.6308	2.0574	0.317392
611.	0.	1.34091	14.0240	13.8874	8.6885	3.151	13.5373	2.0285	0.318532
612.	0.	1.32828	14.0243	13.8874	8.6944	3.141	13.4429	1.9997	0.319705
613.	0.	1.31548	14.0247	13.8874	8.7000	3.133	13.3564	1.9709	0.320909
614.	0.	1.30149	14.0250	13.8874	8.7027	3.123	13.2655	1.9523	0.322293
615.	0.	1.28950	14.0255	13.8874	8.7110	3.108	13.1532	1.9134	0.323372
616.	0.	1.27696	14.0262	13.8874	8.7187	3.095	13.0421	1.8745	0.324530
617.	0.	1.26307	14.0263	13.8874	8.7245	3.079	12.9309	1.8459	0.325897
618.	0.	1.25003	14.0263	13.8874	8.7330	3.067	12.8265	1.8071	0.327143
619.	0.	1.23449	14.0262	13.8874	8.7356	3.060	12.7454	1.7888	0.328781
620.	0.	1.21916	14.0261	13.8874	8.7382	3.053	12.6625	1.7704	0.330396
621.	0.	1.20504	14.0261	13.8874	8.7438	3.041	12.5599	1.7418	0.331828
622.	0.	1.19169	14.0261	13.8874	8.7525	3.016	12.4060	1.7031	0.333128
623.	0.	1.18190	14.0261	13.8874	8.7725	2.982	12.2009	1.6239	0.333854
624.	0.	1.16885	14.0259	13.8874	8.7889	2.946	11.9762	1.5551	0.335060
625.	0.	1.15490	14.0258	13.8874	8.8070	2.922	11.7767	1.4764	0.336402
626.	0.	1.13267	14.0256	13.8874	8.8092	2.911	11.6372	1.4491	0.339135
627.	0.	1.11045	14.0255	13.8874	8.8115	2.903	11.5084	1.4219	0.341878
628.	0.	1.08925	14.0252	13.8874	8.8183	2.849	11.2248	1.3844	0.344403
629.	0.	1.08532	14.0252	13.8874	8.8664	2.789	10.8325	1.1939	0.343910
630.	0.	1.05629	14.0251	13.8874	8.8708	2.749	10.5442	1.1281	0.348053
631.	0.	1.02297	14.0250	13.8874	8.8701	2.725	10.3131	1.0731	0.353106
632.	0.	0.98682	14.0250	13.8874	8.8662	2.697	10.0757	1.0288	0.358770
633.	0.	0.95425	14.0249	13.8874	8.8704	2.657	9.7874	0.9538	0.363826
634.	0.	0.91668	14.0252	13.8874	8.9124	2.523	9.4026	0.8699	0.369948
635.	0.	0.85133	14.0240	13.8874	9.4007	1.890	9.1701	0.7015	0.381503
636.	0.	0.77611	14.0395	13.8874	9.8054	1.137	9.0257	0.5578	0.397763
637.	0.	0.70545	14.0588	13.8874	9.8716	0.582	8.9154	0.4952	0.415191
638.	0.	0.62271	14.2359	13.8874	9.6712	0.098	9.0662	0.4854	0.435364
639.	0.	0.55091	14.3597	13.8874	10.0574	0.514	9.4587	0.4514	0.451354

PART 3: WHAFIS

WHAFIS input: YK-92.dat
WHAFIS output: YK-92.out

PART 3 COMPLETE


WHAFIS Elevation, and Total stillWater Level, transect: YK-92
Transect Profile
SWAN 1-D points
TSWL
Elevation (ft)
Station (ft)
0
2
4
6
8
10
12
14
16
18
20
0
500
1000
1500
2000
2500
3000
3500
4000

WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES (WHAFIS VERSION 4.0G, 08_2007)
Executed on: Thu Apr 2 11:05:19 2020
Input file: C:\FEMA-TransectAnalysis\LOMR-TransectAnalysis-Kennebunkport\3_whafis\whafis4\YK-92.dat
Output file: C:\FEMA-TransectAnalysis\LOMR-TransectAnalysis-Kennebunkport\3_whafis\whafis4\YK-92.out

header

THIS IS A 100-YEAR CASE
THE FOLLOWING NON-DEFAULT WIND SPEEDS ARE BEING USED
WINDIF 56.14 WINDOF 56.14 WINDVH 60.00

PART1 INPUT

IE	0.000	-28.592	1.000	1.000	8.831	30.287	14.349	56.140	0.000	0.000
OF	2.000	-28.592	0.000	8.831	0.000	0.000	0.000	0.000	0.000	0.000
OF	3.300	-28.592	0.000	8.832	0.000	0.000	0.000	0.000	0.000	0.000
OF	6.600	-28.592	0.000	8.833	0.000	0.000	0.000	0.000	0.000	0.000
OF	9.800	-28.592	0.000	8.834	0.000	0.000	0.000	0.000	0.000	0.000
OF	13.100	-28.592	0.000	8.835	0.000	0.000	0.000	0.000	0.000	0.000
OF	16.400	-28.592	0.000	8.836	0.000	0.000	0.000	0.000	0.000	0.000
OF	19.700	-28.592	0.000	8.837	0.000	0.000	0.000	0.000	0.000	0.000
OF	23.000	-28.592	0.000	8.838	0.000	0.000	0.000	0.000	0.000	0.000
OF	26.200	-28.593	0.000	8.840	0.000	0.000	0.000	0.000	0.000	0.000
OF	29.500	-28.593	0.000	8.841	0.000	0.000	0.000	0.000	0.001	0.000
OF	32.800	-28.587	0.000	8.842	0.000	0.000	0.000	0.000	0.007	0.000
OF	36.100	-28.550	0.000	8.843	0.000	0.000	0.000	0.000	0.011	0.000
OF	39.400	-28.512	0.000	8.844	0.000	0.000	0.000	0.000	0.012	0.000
OF	42.700	-28.474	0.000	8.845	0.000	0.000	0.000	0.000	0.012	0.000
OF	45.900	-28.436	0.000	8.846	0.000	0.000	0.000	0.000	0.012	0.000
OF	49.200	-28.399	0.000	8.847	0.000	0.000	0.000	0.000	0.011	0.000
OF	52.500	-28.361	0.000	8.848	0.000	0.000	0.000	0.000	0.012	0.000
OF	55.800	-28.323	0.000	8.849	0.000	0.000	0.000	0.000	0.012	0.000
OF	59.100	-28.285	0.000	8.850	0.000	0.000	0.000	0.000	0.012	0.000
OF	62.300	-28.248	0.000	8.851	0.000	0.000	0.000	0.000	0.012	0.000
OF	65.600	-28.210	0.000	8.852	0.000	0.000	0.000	0.000	0.012	0.000
OF	68.900	-28.172	0.000	8.853	0.000	0.000	0.000	0.000	0.012	0.000
OF	72.200	-28.134	0.000	8.854	0.000	0.000	0.000	0.000	0.012	0.000
OF	75.500	-28.096	0.000	8.855	0.000	0.000	0.000	0.000	0.012	0.000
OF	78.700	-28.059	0.000	8.856	0.000	0.000	0.000	0.000	0.012	0.000
OF	82.000	-28.018	0.000	8.857	0.000	0.000	0.000	0.000	0.013	0.000
OF	85.300	-27.972	0.000	8.858	0.000	0.000	0.000	0.000	0.014	0.000
OF	88.600	-27.925	0.000	8.859	0.000	0.000	0.000	0.000	0.014	0.000
OF	91.900	-27.879	0.000	8.861	0.000	0.000	0.000	0.000	0.014	0.000
OF	95.100	-27.833	0.000	8.862	0.000	0.000	0.000	0.000	0.014	0.000
OF	98.400	-27.787	0.000	8.863	0.000	0.000	0.000	0.000	0.014	0.000
OF	101.700	-27.740	0.000	8.864	0.000	0.000	0.000	0.000	0.014	0.000
OF	105.000	-27.694	0.000	8.865	0.000	0.000	0.000	0.000	0.014	0.000
OF	108.300	-27.648	0.000	8.866	0.000	0.000	0.000	0.000	0.014	0.000
OF	111.500	-27.602	0.000	8.867	0.000	0.000	0.000	0.000	0.014	0.000
OF	114.800	-27.555	0.000	8.868	0.000	0.000	0.000	0.000	0.014	0.000
OF	118.100	-27.509	0.000	8.870	0.000	0.000	0.000	0.000	0.014	0.000
OF	121.400	-27.463	0.000	8.871	0.000	0.000	0.000	0.000	0.014	0.000
OF	124.700	-27.416	0.000	8.872	0.000	0.000	0.000	0.000	0.014	0.000
OF	128.000	-27.370	0.000	8.873	0.000	0.000	0.000	0.000	0.014	0.000
OF	131.200	-27.324	0.000	8.875	0.000	0.000	0.000	0.000	0.014	0.000
OF	134.500	-27.278	0.000	8.876	0.000	0.000	0.000	0.000	0.014	0.000
OF	137.800	-27.231	0.000	8.877	0.000	0.000	0.000	0.000	0.014	0.000
OF	141.100	-27.185	0.000	8.878	0.000	0.000	0.000	0.000	0.014	0.000
OF	144.400	-27.139	0.000	8.879	0.000	0.000	0.000	0.000	0.014	0.000
OF	147.600	-27.092	0.000	8.881	0.000	0.000	0.000	0.000	0.014	0.000
OF	150.900	-27.046	0.000	8.882	0.000	0.000	0.000	0.000	0.014	0.000
OF	154.200	-27.000	0.000	8.883	0.000	0.000	0.000	0.000	0.014	0.000
OF	157.500	-26.954	0.000	8.884	0.000	0.000	0.000	0.000	0.014	0.000
OF	160.800	-26.907	0.000	8.885	0.000	0.000	0.000	0.000	0.014	0.000
OF	164.000	-26.861	0.000	8.887	0.000	0.000	0.000	0.000	0.014	0.000
OF	167.300	-26.815	0.000	8.888	0.000	0.000	0.000	0.000	0.014	0.000
OF	170.600	-26.768	0.000	8.889	0.000	0.000	0.000	0.000	0.014	0.000
OF	173.900	-26.722	0.000	8.891	0.000	0.000	0.000	0.000	0.013	0.000
OF	177.200	-26.682	0.000	8.892	0.000	0.000	0.000	0.000	0.012	0.000
OF	180.400	-26.647	0.000	8.893	0.000	0.000	0.000	0.000	0.011	0.000
OF	183.700	-26.613	0.000	8.894	0.000	0.000	0.000	0.000	0.010	0.000
OF	187.000	-26.578	0.000	8.896	0.000	0.000	0.000	0.000	0.010	0.000
OF	190.300	-26.544	0.000	8.897	0.000	0.000	0.000	0.000	0.010	0.000
OF	193.600	-26.509	0.000	8.899	0.000	0.000	0.000	0.000	0.011	0.000
OF	196.800	-26.474	0.000	8.900	0.000	0.000	0.000	0.000	0.011	0.000
OF	200.100	-26.440	0.000	8.901	0.000	0.000	0.000	0.000	0.010	0.000
OF	203.400	-26.405	0.000	8.903	0.000	0.000	0.000	0.000	0.010	0.000
OF	206.700	-26.371	0.000	8.904	0.000	0.000	0.000	0.000	0.010	0.000
OF	210.000	-26.336	0.000	8.905	0.000	0.000	0.000	0.000	0.011	0.000
OF	213.300	-26.301	0.000	8.907	0.000	0.000	0.000	0.000	0.011	0.000
OF	216.500	-26.267	0.000	8.908	0.000	0.000	0.000	0.000	0.011	0.000
OF	219.800	-26.232	0.000	8.909	0.000	0.000	0.000	0.000	0.010	0.000
OF	223.100	-26.198	0.000	8.911	0.000	0.000	0.000	0.000	0.010	0.000
OF	226.400	-26.163	0.000	8.912	0.000	0.000	0.000	0.000	0.011	0.000
OF	229.700	-26.128	0.000	8.913	0.000	0.000	0.000	0.000	0.011	0.000
OF	232.900	-26.094	0.000	8.915	0.000	0.000	0.000	0.000	0.011	0.000
OF	236.200	-26.059	0.000	8.916	0.000	0.000	0.000	0.000	0.010	0.000
OF	239.500	-26.025	0.000	8.917	0.000	0.000	0.000	0.000	0.010	0.000
OF	242.800	-25.990	0.000	8.919	0.000	0.000	0.000	0.000	0.011	0.000
OF	246.100	-25.955	0.000	8.920	0.000	0.000	0.000	0.000	0.011	0.000
OF	249.300	-25.921	0.000	8.921	0.000	0.000	0.000	0.000	0.011	0.000
OF	252.600	-25.886	0.000	8.923	0.000	0.000	0.000	0.000	0.011	0.000
OF	255.900	-25.851	0.000	8.924	0.000	0.000	0.000	0.000	0.010	0.000
OF	259.200	-25.817	0.000	8.925	0.000	0.000	0.000	0.000	0.010	0.000
OF	262.500	-25.782	0.000	8.927	0.000	0.000	0.000	0.000	0.011	0.000
OF	265.700	-25.748	0.000	8.928	0.000	0.000	0.000	0.000	0.011	0.000
OF	269.000	-25.713	0.000	8.930	0.000	0.000	0.000	0.000	0.011	0.000
OF	272.300	-25.678	0.000	8.931	0.000	0.000	0.000	0.000	0.010	0.000
OF	275.600	-25.644	0.000	8.932	0.000	0.000	0.000	0.000	0.010	0.000
OF	278.900	-25.609	0.000	8.934	0.000	0.000	0.000	0.000	0.010	0.000
OF	282.200	-25.575	0.000	8.935	0.000	0.000	0.000	0.000	0.011	0.000
OF	285.400	-25.540	0.000	8.936	0.000	0.000	0.000	0.000	0.011	0.000
OF	288.700	-25.505	0.000	8.938	0.000	0.000	0.000	0.000	0.010	0.000
OF	292.000	-25.471	0.000	8.939	0.000	0.000	0.000	0.000	0.010	0.000
OF	295.300	-25.436	0.000	8.940	0.000	0.000	0.000	0.000	0.010	0.000
OF	298.600	-25.402	0.000	8.942	0.000	0.000	0.000	0.000	0.011	0.000

OF	301.800	-25.367	0.000	8.943	0.000	0.000	0.000	0.000	0.011	0.000
OF	305.100	-25.332	0.000	8.944	0.000	0.000	0.000	0.000	0.010	0.000
OF	308.400	-25.298	0.000	8.946	0.000	0.000	0.000	0.000	0.011	0.000
OF	311.700	-25.262	0.000	8.947	0.000	0.000	0.000	0.000	0.011	0.000
OF	315.000	-25.227	0.000	8.948	0.000	0.000	0.000	0.000	0.011	0.000
OF	318.200	-25.191	0.000	8.950	0.000	0.000	0.000	0.000	0.011	0.000
OF	321.500	-25.156	0.000	8.951	0.000	0.000	0.000	0.000	0.011	0.000
OF	324.800	-25.120	0.000	8.953	0.000	0.000	0.000	0.000	0.011	0.000
OF	328.100	-25.085	0.000	8.954	0.000	0.000	0.000	0.000	0.011	0.000
OF	331.400	-25.049	0.000	8.955	0.000	0.000	0.000	0.000	0.011	0.000
OF	334.600	-25.014	0.000	8.957	0.000	0.000	0.000	0.000	0.011	0.000
OF	337.900	-24.978	0.000	8.958	0.000	0.000	0.000	0.000	0.011	0.000
OF	341.200	-24.943	0.000	8.959	0.000	0.000	0.000	0.000	0.010	0.000
OF	344.500	-24.913	0.000	8.961	0.000	0.000	0.000	0.000	0.009	0.000
OF	347.800	-24.882	0.000	8.962	0.000	0.000	0.000	0.000	0.009	0.000
OF	351.000	-24.851	0.000	8.963	0.000	0.000	0.000	0.000	0.009	0.000
OF	354.300	-24.821	0.000	8.965	0.000	0.000	0.000	0.000	0.009	0.000
OF	357.600	-24.790	0.000	8.966	0.000	0.000	0.000	0.000	0.009	0.000
OF	360.900	-24.760	0.000	8.967	0.000	0.000	0.000	0.000	0.009	0.000
OF	364.200	-24.729	0.000	8.969	0.000	0.000	0.000	0.000	0.009	0.000
OF	367.500	-24.698	0.000	8.970	0.000	0.000	0.000	0.000	0.009	0.000
OF	370.700	-24.668	0.000	8.971	0.000	0.000	0.000	0.000	0.009	0.000
OF	374.000	-24.637	0.000	8.973	0.000	0.000	0.000	0.000	0.009	0.000
OF	377.300	-24.606	0.000	8.974	0.000	0.000	0.000	0.000	0.009	0.000
OF	380.600	-24.575	0.000	8.975	0.000	0.000	0.000	0.000	0.009	0.000
OF	383.900	-24.544	0.000	8.977	0.000	0.000	0.000	0.000	0.009	0.000
OF	387.100	-24.513	0.000	8.978	0.000	0.000	0.000	0.000	0.009	0.000
OF	390.400	-24.482	0.000	8.979	0.000	0.000	0.000	0.000	0.009	0.000
OF	393.700	-24.451	0.000	8.981	0.000	0.000	0.000	0.000	0.009	0.000
OF	397.000	-24.420	0.000	8.982	0.000	0.000	0.000	0.000	0.009	0.000
OF	400.300	-24.389	0.000	8.983	0.000	0.000	0.000	0.000	0.010	0.000
OF	403.500	-24.357	0.000	8.985	0.000	0.000	0.000	0.000	0.010	0.000
OF	406.800	-24.326	0.000	8.986	0.000	0.000	0.000	0.000	0.009	0.000
OF	410.100	-24.295	0.000	8.987	0.000	0.000	0.000	0.000	0.009	0.000
OF	413.400	-24.264	0.000	8.988	0.000	0.000	0.000	0.000	0.009	0.000
OF	416.700	-24.233	0.000	8.990	0.000	0.000	0.000	0.000	0.009	0.000
OF	419.900	-24.202	0.000	8.991	0.000	0.000	0.000	0.000	0.009	0.000
OF	423.200	-24.171	0.000	8.992	0.000	0.000	0.000	0.000	0.009	0.000
OF	426.500	-24.139	0.000	8.993	0.000	0.000	0.000	0.000	0.009	0.000
OF	429.800	-24.108	0.000	8.995	0.000	0.000	0.000	0.000	0.009	0.000
OF	433.100	-24.077	0.000	8.996	0.000	0.000	0.000	0.000	0.009	0.000
OF	436.400	-24.046	0.000	8.997	0.000	0.000	0.000	0.000	0.009	0.000
OF	439.600	-24.015	0.000	8.998	0.000	0.000	0.000	0.000	0.009	0.000
OF	442.900	-23.984	0.000	9.000	0.000	0.000	0.000	0.000	0.009	0.000
OF	446.200	-23.953	0.000	9.001	0.000	0.000	0.000	0.000	0.009	0.000
OF	449.500	-23.922	0.000	9.002	0.000	0.000	0.000	0.000	0.009	0.000
OF	452.800	-23.890	0.000	9.003	0.000	0.000	0.000	0.000	0.010	0.000
OF	456.000	-23.859	0.000	9.005	0.000	0.000	0.000	0.000	0.009	0.000
OF	459.300	-23.828	0.000	9.006	0.000	0.000	0.000	0.000	0.009	0.000
OF	462.600	-23.797	0.000	9.007	0.000	0.000	0.000	0.000	0.009	0.000
OF	465.900	-23.766	0.000	9.009	0.000	0.000	0.000	0.000	0.009	0.000
OF	469.200	-23.735	0.000	9.010	0.000	0.000	0.000	0.000	0.009	0.000
OF	472.400	-23.704	0.000	9.011	0.000	0.000	0.000	0.000	0.010	0.000
OF	475.700	-23.672	0.000	9.012	0.000	0.000	0.000	0.000	0.009	0.000
OF	479.000	-23.641	0.000	9.014	0.000	0.000	0.000	0.000	0.009	0.000
OF	482.300	-23.610	0.000	9.015	0.000	0.000	0.000	0.000	0.009	0.000
OF	485.600	-23.579	0.000	9.016	0.000	0.000	0.000	0.000	0.009	0.000
OF	488.800	-23.548	0.000	9.017	0.000	0.000	0.000	0.000	0.009	0.000
OF	492.100	-23.517	0.000	9.019	0.000	0.000	0.000	0.000	0.009	0.000
OF	495.400	-23.486	0.000	9.020	0.000	0.000	0.000	0.000	0.009	0.000
OF	498.700	-23.454	0.000	9.021	0.000	0.000	0.000	0.000	0.009	0.000
OF	502.000	-23.423	0.000	9.022	0.000	0.000	0.000	0.000	0.009	0.000
OF	505.200	-23.392	0.000	9.023	0.000	0.000	0.000	0.000	0.010	0.000
OF	508.500	-23.360	0.000	9.024	0.000	0.000	0.000	0.000	0.009	0.000
OF	511.800	-23.329	0.000	9.026	0.000	0.000	0.000	0.000	0.009	0.000
OF	515.100	-23.297	0.000	9.027	0.000	0.000	0.000	0.000	0.009	0.000
OF	518.400	-23.266	0.000	9.028	0.000	0.000	0.000	0.000	0.009	0.000
OF	521.700	-23.235	0.000	9.029	0.000	0.000	0.000	0.000	0.010	0.000
OF	524.900	-23.203	0.000	9.030	0.000	0.000	0.000	0.000	0.010	0.000
OF	528.200	-23.172	0.000	9.032	0.000	0.000	0.000	0.000	0.009	0.000
OF	531.500	-23.140	0.000	9.033	0.000	0.000	0.000	0.000	0.009	0.000
OF	534.800	-23.109	0.000	9.034	0.000	0.000	0.000	0.000	0.009	0.000
OF	538.100	-23.078	0.000	9.035	0.000	0.000	0.000	0.000	0.010	0.000
OF	541.300	-23.046	0.000	9.037	0.000	0.000	0.000	0.000	0.010	0.000
OF	544.600	-23.015	0.000	9.038	0.000	0.000	0.000	0.000	0.009	0.000
OF	547.900	-22.983	0.000	9.039	0.000	0.000	0.000	0.000	0.009	0.000
OF	551.200	-22.952	0.000	9.040	0.000	0.000	0.000	0.000	0.009	0.000
OF	554.500	-22.920	0.000	9.041	0.000	0.000	0.000	0.000	0.010	0.000
OF	557.700	-22.889	0.000	9.042	0.000	0.000	0.000	0.000	0.009	0.000
OF	561.000	-22.858	0.000	9.044	0.000	0.000	0.000	0.000	0.009	0.000
OF	564.300	-22.826	0.000	9.045	0.000	0.000	0.000	0.000	0.009	0.000
OF	567.600	-22.795	0.000	9.046	0.000	0.000	0.000	0.000	0.009	0.000
OF	570.900	-22.763	0.000	9.047	0.000	0.000	0.000	0.000	0.010	0.000
OF	574.100	-22.732	0.000	9.048	0.000	0.000	0.000	0.000	0.010	0.000
OF	577.400	-22.700	0.000	9.050	0.000	0.000	0.000	0.000	0.009	0.000
OF	580.700	-22.669	0.000	9.051	0.000	0.000	0.000	0.000	0.009	0.000
OF	584.000	-22.638	0.000	9.052	0.000	0.000	0.000	0.000	0.009	0.000
OF	587.300	-22.606	0.000	9.053	0.000	0.000	0.000	0.000	0.010	0.000
OF	590.500	-22.575	0.000	9.054	0.000	0.000	0.000	0.000	0.010	0.000
OF	593.800	-22.543	0.000	9.055	0.000	0.000	0.000	0.000	0.010	0.000
OF	597.100	-22.511	0.000	9.056	0.000	0.000	0.000	0.000	0.010	0.000
OF	600.400	-22.479	0.000	9.057	0.000	0.000	0.000	0.000	0.010	0.000
OF	603.700	-22.447	0.000	9.059	0.000	0.000	0.000	0.000	0.010	0.000
OF	607.000	-22.414	0.000	9.060	0.000	0.000	0.000	0.000	0.010	0.000
OF	610.200	-22.382	0.000	9.061	0.000	0.000	0.000	0.000	0.010	0.000
OF	613.500	-22.350	0.000	9.062	0.000	0.000	0.000	0.000	0.010	0.000
OF	616.800	-22.317	0.000	9.063	0.000	0.000	0.000	0.000	0.010	0.000
OF	620.100	-22.285	0.000	9.064	0.000	0.000	0.000	0.000	0.010	0.000
OF	623.400	-22.253	0.000	9.065	0.000	0.000	0.000	0.000	0.010	0.000
OF	626.600	-22.221	0.000	9.066	0.000	0.000	0.000	0.000	0.010	0.000
OF	629.900	-22.189	0.000	9.068	0.000	0.000	0.000	0.000	0.010	0.000
OF	633.200	-22.156	0.000	9.069	0.000	0.000	0.000	0.000	0.010	0.000

OF	636.500	-22.124	0.000	9.070	0.000	0.000	0.000	0.000	0.011	0.000
OF	639.800	-22.086	0.000	9.071	0.000	0.000	0.000	0.000	0.012	0.000
OF	643.000	-22.044	0.000	9.072	0.000	0.000	0.000	0.000	0.013	0.000
OF	646.300	-22.001	0.000	9.073	0.000	0.000	0.000	0.000	0.013	0.000
OF	649.600	-21.959	0.000	9.074	0.000	0.000	0.000	0.000	0.013	0.000
OF	652.900	-21.916	0.000	9.075	0.000	0.000	0.000	0.000	0.013	0.000
OF	656.200	-21.873	0.000	9.076	0.000	0.000	0.000	0.000	0.013	0.000
OF	659.400	-21.831	0.000	9.077	0.000	0.000	0.000	0.000	0.013	0.000
OF	662.700	-21.788	0.000	9.078	0.000	0.000	0.000	0.000	0.013	0.000
OF	666.000	-21.746	0.000	9.079	0.000	0.000	0.000	0.000	0.013	0.000
OF	669.300	-21.703	0.000	9.080	0.000	0.000	0.000	0.000	0.013	0.000
OF	672.600	-21.660	0.000	9.081	0.000	0.000	0.000	0.000	0.013	0.000
OF	675.900	-21.618	0.000	9.082	0.000	0.000	0.000	0.000	0.013	0.000
OF	679.100	-21.575	0.000	9.083	0.000	0.000	0.000	0.000	0.013	0.000
OF	682.400	-21.533	0.000	9.084	0.000	0.000	0.000	0.000	0.013	0.000
OF	685.700	-21.490	0.000	9.085	0.000	0.000	0.000	0.000	0.013	0.000
OF	689.000	-21.448	0.000	9.086	0.000	0.000	0.000	0.000	0.013	0.000
OF	692.300	-21.405	0.000	9.087	0.000	0.000	0.000	0.000	0.013	0.000
OF	695.500	-21.362	0.000	9.088	0.000	0.000	0.000	0.000	0.013	0.000
OF	698.800	-21.320	0.000	9.089	0.000	0.000	0.000	0.000	0.012	0.000
OF	702.100	-21.280	0.000	9.090	0.000	0.000	0.000	0.000	0.012	0.000
OF	705.400	-21.242	0.000	9.092	0.000	0.000	0.000	0.000	0.011	0.000
OF	708.700	-21.205	0.000	9.092	0.000	0.000	0.000	0.000	0.012	0.000
OF	711.900	-21.167	0.000	9.094	0.000	0.000	0.000	0.000	0.012	0.000
OF	715.200	-21.130	0.000	9.095	0.000	0.000	0.000	0.000	0.011	0.000
OF	718.500	-21.092	0.000	9.096	0.000	0.000	0.000	0.000	0.011	0.000
OF	721.800	-21.055	0.000	9.097	0.000	0.000	0.000	0.000	0.011	0.000
OF	725.100	-21.017	0.000	9.098	0.000	0.000	0.000	0.000	0.012	0.000
OF	728.300	-20.980	0.000	9.099	0.000	0.000	0.000	0.000	0.012	0.000
OF	731.600	-20.942	0.000	9.100	0.000	0.000	0.000	0.000	0.011	0.000
OF	734.900	-20.905	0.000	9.101	0.000	0.000	0.000	0.000	0.011	0.000
OF	738.200	-20.867	0.000	9.102	0.000	0.000	0.000	0.000	0.011	0.000
OF	741.500	-20.830	0.000	9.103	0.000	0.000	0.000	0.000	0.012	0.000
OF	744.700	-20.792	0.000	9.104	0.000	0.000	0.000	0.000	0.012	0.000
OF	748.000	-20.755	0.000	9.106	0.000	0.000	0.000	0.000	0.011	0.000
OF	751.300	-20.717	0.000	9.107	0.000	0.000	0.000	0.000	0.011	0.000
OF	754.600	-20.680	0.000	9.108	0.000	0.000	0.000	0.000	0.011	0.000
OF	757.900	-20.642	0.000	9.109	0.000	0.000	0.000	0.000	0.011	0.000
OF	761.200	-20.605	0.000	9.110	0.000	0.000	0.000	0.000	0.012	0.000
OF	764.400	-20.567	0.000	9.111	0.000	0.000	0.000	0.000	0.012	0.000
OF	767.700	-20.530	0.000	9.112	0.000	0.000	0.000	0.000	0.011	0.000
OF	771.000	-20.493	0.000	9.113	0.000	0.000	0.000	0.000	0.010	0.000
OF	774.300	-20.462	0.000	9.114	0.000	0.000	0.000	0.000	0.009	0.000
OF	777.600	-20.432	0.000	9.115	0.000	0.000	0.000	0.000	0.009	0.000
OF	780.800	-20.401	0.000	9.116	0.000	0.000	0.000	0.000	0.009	0.000
OF	784.100	-20.371	0.000	9.118	0.000	0.000	0.000	0.000	0.009	0.000
OF	787.400	-20.340	0.000	9.119	0.000	0.000	0.000	0.000	0.009	0.000
OF	790.700	-20.310	0.000	9.120	0.000	0.000	0.000	0.000	0.009	0.000
OF	794.000	-20.279	0.000	9.121	0.000	0.000	0.000	0.000	0.009	0.000
OF	797.200	-20.249	0.000	9.122	0.000	0.000	0.000	0.000	0.009	0.000
OF	800.500	-20.218	0.000	9.123	0.000	0.000	0.000	0.000	0.009	0.000
OF	803.800	-20.187	0.000	9.124	0.000	0.000	0.000	0.000	0.009	0.000
OF	807.100	-20.157	0.000	9.125	0.000	0.000	0.000	0.000	0.009	0.000
OF	810.400	-20.126	0.000	9.127	0.000	0.000	0.000	0.000	0.009	0.000
OF	813.600	-20.096	0.000	9.127	0.000	0.000	0.000	0.000	0.009	0.000
OF	816.900	-20.065	0.000	9.129	0.000	0.000	0.000	0.000	0.009	0.000
OF	820.200	-20.033	0.000	9.130	0.000	0.000	0.000	0.000	0.010	0.000
OF	823.500	-19.999	0.000	9.131	0.000	0.000	0.000	0.000	0.010	0.000
OF	826.800	-19.965	0.000	9.132	0.000	0.000	0.000	0.000	0.010	0.000
OF	830.100	-19.931	0.000	9.133	0.000	0.000	0.000	0.000	0.010	0.000
OF	833.300	-19.897	0.000	9.134	0.000	0.000	0.000	0.000	0.010	0.000
OF	836.600	-19.863	0.000	9.135	0.000	0.000	0.000	0.000	0.010	0.000
OF	839.900	-19.829	0.000	9.136	0.000	0.000	0.000	0.000	0.010	0.000
OF	843.200	-19.795	0.000	9.137	0.000	0.000	0.000	0.000	0.010	0.000
OF	846.500	-19.761	0.000	9.138	0.000	0.000	0.000	0.000	0.010	0.000
OF	849.700	-19.727	0.000	9.139	0.000	0.000	0.000	0.000	0.010	0.000
OF	853.000	-19.693	0.000	9.140	0.000	0.000	0.000	0.000	0.010	0.000
OF	856.300	-19.659	0.000	9.141	0.000	0.000	0.000	0.000	0.010	0.000
OF	859.600	-19.625	0.000	9.142	0.000	0.000	0.000	0.000	0.010	0.000
OF	862.900	-19.591	0.000	9.143	0.000	0.000	0.000	0.000	0.010	0.000
OF	866.100	-19.557	0.000	9.144	0.000	0.000	0.000	0.000	0.010	0.000
OF	869.400	-19.523	0.000	9.145	0.000	0.000	0.000	0.000	0.010	0.000
OF	872.700	-19.489	0.000	9.146	0.000	0.000	0.000	0.000	0.010	0.000
OF	876.000	-19.455	0.000	9.147	0.000	0.000	0.000	0.000	0.010	0.000
OF	879.300	-19.421	0.000	9.148	0.000	0.000	0.000	0.000	0.010	0.000
OF	882.500	-19.387	0.000	9.149	0.000	0.000	0.000	0.000	0.010	0.000
OF	885.800	-19.353	0.000	9.150	0.000	0.000	0.000	0.000	0.010	0.000
OF	889.100	-19.318	0.000	9.151	0.000	0.000	0.000	0.000	0.010	0.000
OF	892.400	-19.284	0.000	9.152	0.000	0.000	0.000	0.000	0.010	0.000
OF	895.700	-19.250	0.000	9.153	0.000	0.000	0.000	0.000	0.010	0.000
OF	898.900	-19.216	0.000	9.154	0.000	0.000	0.000	0.000	0.011	0.000
OF	902.200	-19.180	0.000	9.155	0.000	0.000	0.000	0.000	0.012	0.000
OF	905.500	-19.134	0.000	9.156	0.000	0.000	0.000	0.000	0.014	0.000
OF	908.800	-19.088	0.000	9.156	0.000	0.000	0.000	0.000	0.014	0.000
OF	912.100	-19.042	0.000	9.158	0.000	0.000	0.000	0.000	0.014	0.000
OF	915.400	-18.996	0.000	9.158	0.000	0.000	0.000	0.000	0.014	0.000
OF	918.600	-18.951	0.000	9.159	0.000	0.000	0.000	0.000	0.014	0.000
OF	921.900	-18.905	0.000	9.160	0.000	0.000	0.000	0.000	0.014	0.000
OF	925.200	-18.859	0.000	9.161	0.000	0.000	0.000	0.000	0.014	0.000
OF	928.500	-18.813	0.000	9.162	0.000	0.000	0.000	0.000	0.014	0.000
OF	931.800	-18.767	0.000	9.163	0.000	0.000	0.000	0.000	0.014	0.000
OF	935.000	-18.721	0.000	9.164	0.000	0.000	0.000	0.000	0.014	0.000
OF	938.300	-18.675	0.000	9.165	0.000	0.000	0.000	0.000	0.014	0.000
OF	941.600	-18.629	0.000	9.166	0.000	0.000	0.000	0.000	0.014	0.000
OF	944.900	-18.583	0.000	9.167	0.000	0.000	0.000	0.000	0.014	0.000
OF	948.200	-18.537	0.000	9.167	0.000	0.000	0.000	0.000	0.014	0.000
OF	951.400	-18.491	0.000	9.168	0.000	0.000	0.000	0.000	0.014	0.000
OF	954.700	-18.445	0.000	9.169	0.000	0.000	0.000	0.000	0.014	0.000
OF	958.000	-18.399	0.000	9.170	0.000	0.000	0.000	0.000	0.014	0.000
OF	961.300	-18.353	0.000	9.171	0.000	0.000	0.000	0.000	0.014	0.000
OF	964.600	-18.308	0.000	9.172	0.000	0.000	0.000	0.000	0.014	0.000
OF	967.800	-18.262	0.000	9.173	0.000	0.000	0.000	0.000	0.014	0.000

OF	971.100	-18.216	0.000	9.174	0.000	0.000	0.000	0.000	0.014	0.000
OF	974.400	-18.169	0.000	9.175	0.000	0.000	0.000	0.000	0.015	0.000
OF	977.700	-18.119	0.000	9.176	0.000	0.000	0.000	0.000	0.015	0.000
OF	981.000	-18.069	0.000	9.177	0.000	0.000	0.000	0.000	0.015	0.000
OF	984.200	-18.019	0.000	9.177	0.000	0.000	0.000	0.000	0.015	0.000
OF	987.500	-17.969	0.000	9.179	0.000	0.000	0.000	0.000	0.015	0.000
OF	990.800	-17.920	0.000	9.179	0.000	0.000	0.000	0.000	0.015	0.000
OF	994.100	-17.870	0.000	9.181	0.000	0.000	0.000	0.000	0.015	0.000
OF	997.400	-17.820	0.000	9.181	0.000	0.000	0.000	0.000	0.015	0.000
OF	1000.700	-17.770	0.000	9.182	0.000	0.000	0.000	0.000	0.015	0.000
OF	1003.900	-17.720	0.000	9.183	0.000	0.000	0.000	0.000	0.015	0.000
OF	1007.200	-17.671	0.000	9.184	0.000	0.000	0.000	0.000	0.015	0.000
OF	1010.500	-17.621	0.000	9.185	0.000	0.000	0.000	0.000	0.015	0.000
OF	1013.800	-17.571	0.000	9.186	0.000	0.000	0.000	0.000	0.015	0.000
OF	1017.100	-17.521	0.000	9.187	0.000	0.000	0.000	0.000	0.015	0.000
OF	1020.300	-17.471	0.000	9.188	0.000	0.000	0.000	0.000	0.016	0.000
OF	1023.600	-17.419	0.000	9.189	0.000	0.000	0.000	0.000	0.016	0.000
OF	1026.900	-17.366	0.000	9.190	0.000	0.000	0.000	0.000	0.016	0.000
OF	1030.200	-17.313	0.000	9.191	0.000	0.000	0.000	0.000	0.016	0.000
OF	1033.500	-17.259	0.000	9.192	0.000	0.000	0.000	0.000	0.016	0.000
OF	1036.700	-17.206	0.000	9.193	0.000	0.000	0.000	0.000	0.016	0.000
OF	1040.000	-17.153	0.000	9.194	0.000	0.000	0.000	0.000	0.016	0.000
OF	1043.300	-17.100	0.000	9.195	0.000	0.000	0.000	0.000	0.016	0.000
OF	1046.600	-17.046	0.000	9.196	0.000	0.000	0.000	0.000	0.016	0.000
OF	1049.900	-16.993	0.000	9.197	0.000	0.000	0.000	0.000	0.016	0.000
OF	1053.100	-16.940	0.000	9.198	0.000	0.000	0.000	0.000	0.016	0.000
OF	1056.400	-16.887	0.000	9.199	0.000	0.000	0.000	0.000	0.016	0.000
OF	1059.700	-16.833	0.000	9.200	0.000	0.000	0.000	0.000	0.016	0.000
OF	1063.000	-16.780	0.000	9.201	0.000	0.000	0.000	0.000	0.016	0.000
OF	1066.300	-16.727	0.000	9.203	0.000	0.000	0.000	0.000	0.016	0.000
OF	1069.600	-16.673	0.000	9.203	0.000	0.000	0.000	0.000	0.016	0.000
OF	1072.800	-16.620	0.000	9.205	0.000	0.000	0.000	0.000	0.016	0.000
OF	1076.100	-16.567	0.000	9.206	0.000	0.000	0.000	0.000	0.016	0.000
OF	1079.400	-16.514	0.000	9.207	0.000	0.000	0.000	0.000	0.016	0.000
OF	1082.700	-16.460	0.000	9.208	0.000	0.000	0.000	0.000	0.016	0.000
OF	1086.000	-16.407	0.000	9.209	0.000	0.000	0.000	0.000	0.016	0.000
OF	1089.200	-16.354	0.000	9.210	0.000	0.000	0.000	0.000	0.016	0.000
OF	1092.500	-16.301	0.000	9.211	0.000	0.000	0.000	0.000	0.016	0.000
OF	1095.800	-16.247	0.000	9.212	0.000	0.000	0.000	0.000	0.016	0.000
OF	1099.100	-16.194	0.000	9.214	0.000	0.000	0.000	0.000	0.016	0.000
OF	1102.400	-16.141	0.000	9.215	0.000	0.000	0.000	0.000	0.016	0.000
OF	1105.600	-16.088	0.000	9.216	0.000	0.000	0.000	0.000	0.016	0.000
OF	1108.900	-16.034	0.000	9.217	0.000	0.000	0.000	0.000	0.016	0.000
OF	1112.200	-15.981	0.000	9.218	0.000	0.000	0.000	0.000	0.016	0.000
OF	1115.500	-15.928	0.000	9.220	0.000	0.000	0.000	0.000	0.016	0.000
OF	1118.800	-15.875	0.000	9.221	0.000	0.000	0.000	0.000	0.016	0.000
OF	1122.000	-15.821	0.000	9.222	0.000	0.000	0.000	0.000	0.016	0.000
OF	1125.300	-15.768	0.000	9.223	0.000	0.000	0.000	0.000	0.016	0.000
OF	1128.600	-15.715	0.000	9.224	0.000	0.000	0.000	0.000	0.016	0.000
OF	1131.900	-15.662	0.000	9.226	0.000	0.000	0.000	0.000	0.016	0.000
OF	1135.200	-15.608	0.000	9.227	0.000	0.000	0.000	0.000	0.016	0.000
OF	1138.400	-15.555	0.000	9.228	0.000	0.000	0.000	0.000	0.017	0.000
OF	1141.700	-15.496	0.000	9.229	0.000	0.000	0.000	0.000	0.019	0.000
OF	1145.000	-15.428	0.000	9.230	0.000	0.000	0.000	0.000	0.021	0.000
OF	1148.300	-15.355	0.000	9.232	0.000	0.000	0.000	0.000	0.022	0.000
OF	1151.600	-15.281	0.000	9.233	0.000	0.000	0.000	0.000	0.022	0.000
OF	1154.900	-15.208	0.000	9.234	0.000	0.000	0.000	0.000	0.023	0.000
OF	1158.100	-15.135	0.000	9.235	0.000	0.000	0.000	0.000	0.023	0.000
OF	1161.400	-15.062	0.000	9.236	0.000	0.000	0.000	0.000	0.022	0.000
OF	1164.700	-14.989	0.000	9.238	0.000	0.000	0.000	0.000	0.022	0.000
OF	1168.000	-14.915	0.000	9.239	0.000	0.000	0.000	0.000	0.022	0.000
OF	1171.300	-14.842	0.000	9.240	0.000	0.000	0.000	0.000	0.023	0.000
OF	1174.500	-14.769	0.000	9.241	0.000	0.000	0.000	0.000	0.023	0.000
OF	1177.800	-14.696	0.000	9.243	0.000	0.000	0.000	0.000	0.022	0.000
OF	1181.100	-14.623	0.000	9.244	0.000	0.000	0.000	0.000	0.022	0.000
OF	1184.400	-14.549	0.000	9.246	0.000	0.000	0.000	0.000	0.022	0.000
OF	1187.700	-14.476	0.000	9.247	0.000	0.000	0.000	0.000	0.023	0.000
OF	1190.900	-14.403	0.000	9.248	0.000	0.000	0.000	0.000	0.023	0.000
OF	1194.200	-14.330	0.000	9.250	0.000	0.000	0.000	0.000	0.022	0.000
OF	1197.500	-14.257	0.000	9.251	0.000	0.000	0.000	0.000	0.022	0.000
OF	1200.800	-14.183	0.000	9.252	0.000	0.000	0.000	0.000	0.022	0.000
OF	1204.100	-14.110	0.000	9.254	0.000	0.000	0.000	0.000	0.023	0.000
OF	1207.300	-14.037	0.000	9.256	0.000	0.000	0.000	0.000	0.023	0.000
OF	1210.600	-13.964	0.000	9.257	0.000	0.000	0.000	0.000	0.022	0.000
OF	1213.900	-13.891	0.000	9.259	0.000	0.000	0.000	0.000	0.022	0.000
OF	1217.200	-13.817	0.000	9.260	0.000	0.000	0.000	0.000	0.022	0.000
OF	1220.500	-13.744	0.000	9.262	0.000	0.000	0.000	0.000	0.022	0.000
OF	1223.800	-13.671	0.000	9.264	0.000	0.000	0.000	0.000	0.023	0.000
OF	1227.000	-13.598	0.000	9.265	0.000	0.000	0.000	0.000	0.023	0.000
OF	1230.300	-13.525	0.000	9.267	0.000	0.000	0.000	0.000	0.022	0.000
OF	1233.600	-13.451	0.000	9.268	0.000	0.000	0.000	0.000	0.022	0.000
OF	1236.900	-13.378	0.000	9.270	0.000	0.000	0.000	0.000	0.022	0.000
OF	1240.200	-13.305	0.000	9.272	0.000	0.000	0.000	0.000	0.023	0.000
OF	1243.400	-13.232	0.000	9.274	0.000	0.000	0.000	0.000	0.023	0.000
OF	1246.700	-13.159	0.000	9.275	0.000	0.000	0.000	0.000	0.022	0.000
OF	1250.000	-13.085	0.000	9.277	0.000	0.000	0.000	0.000	0.022	0.000
OF	1253.300	-13.012	0.000	9.279	0.000	0.000	0.000	0.000	0.022	0.000
OF	1256.600	-12.939	0.000	9.281	0.000	0.000	0.000	0.000	0.022	0.000
OF	1259.800	-12.872	0.000	9.283	0.000	0.000	0.000	0.000	0.021	0.000
OF	1263.100	-12.805	0.000	9.284	0.000	0.000	0.000	0.000	0.020	0.000
OF	1266.400	-12.739	0.000	9.286	0.000	0.000	0.000	0.000	0.020	0.000
OF	1269.700	-12.672	0.000	9.288	0.000	0.000	0.000	0.000	0.020	0.000
OF	1273.000	-12.605	0.000	9.290	0.000	0.000	0.000	0.000	0.021	0.000
OF	1276.200	-12.539	0.000	9.292	0.000	0.000	0.000	0.000	0.021	0.000
OF	1279.500	-12.472	0.000	9.294	0.000	0.000	0.000	0.000	0.020	0.000
OF	1282.800	-12.405	0.000	9.296	0.000	0.000	0.000	0.000	0.020	0.000
OF	1286.100	-12.339	0.000	9.298	0.000	0.000	0.000	0.000	0.020	0.000
OF	1289.400	-12.274	0.000	9.300	0.000	0.000	0.000	0.000	0.020	0.000
OF	1292.600	-12.212	0.000	9.302	0.000	0.000	0.000	0.000	0.019	0.000
OF	1295.900	-12.149	0.000	9.304	0.000	0.000	0.000	0.000	0.019	0.000
OF	1299.200	-12.087	0.000	9.306	0.000	0.000	0.000	0.000	0.019	0.000
OF	1302.500	-12.024	0.000	9.308	0.000	0.000	0.000	0.000	0.019	0.000

OF	1305.800	-11.962	0.000	9.310	0.000	0.000	0.000	0.000	0.019	0.000
OF	1309.100	-11.900	0.000	9.312	0.000	0.000	0.000	0.000	0.019	0.000
OF	1312.300	-11.837	0.000	9.314	0.000	0.000	0.000	0.000	0.019	0.000
OF	1315.600	-11.775	0.000	9.316	0.000	0.000	0.000	0.000	0.019	0.000
OF	1318.900	-11.712	0.000	9.318	0.000	0.000	0.000	0.000	0.019	0.000
OF	1322.200	-11.650	0.000	9.321	0.000	0.000	0.000	0.000	0.019	0.000
OF	1325.500	-11.587	0.000	9.323	0.000	0.000	0.000	0.000	0.019	0.000
OF	1328.700	-11.525	0.000	9.325	0.000	0.000	0.000	0.000	0.019	0.000
OF	1332.000	-11.463	0.000	9.327	0.000	0.000	0.000	0.000	0.019	0.000
OF	1335.300	-11.400	0.000	9.329	0.000	0.000	0.000	0.000	0.019	0.000
OF	1338.600	-11.338	0.000	9.331	0.000	0.000	0.000	0.000	0.019	0.000
OF	1341.900	-11.275	0.000	9.333	0.000	0.000	0.000	0.000	0.019	0.000
OF	1345.100	-11.213	0.000	9.335	0.000	0.000	0.000	0.000	0.019	0.000
OF	1348.400	-11.150	0.000	9.337	0.000	0.000	0.000	0.000	0.019	0.000
OF	1351.700	-11.088	0.000	9.339	0.000	0.000	0.000	0.000	0.019	0.000
OF	1355.000	-11.025	0.000	9.342	0.000	0.000	0.000	0.000	0.019	0.000
OF	1358.300	-10.963	0.000	9.344	0.000	0.000	0.000	0.000	0.019	0.000
OF	1361.500	-10.901	0.000	9.346	0.000	0.000	0.000	0.000	0.019	0.000
OF	1364.800	-10.838	0.000	9.348	0.000	0.000	0.000	0.000	0.019	0.000
OF	1368.100	-10.776	0.000	9.350	0.000	0.000	0.000	0.000	0.019	0.000
OF	1371.400	-10.713	0.000	9.352	0.000	0.000	0.000	0.000	0.019	0.000
OF	1374.700	-10.651	0.000	9.354	0.000	0.000	0.000	0.000	0.019	0.000
OF	1377.900	-10.591	0.000	9.357	0.000	0.000	0.000	0.000	0.018	0.000
OF	1381.200	-10.537	0.000	9.359	0.000	0.000	0.000	0.000	0.016	0.000
OF	1384.500	-10.484	0.000	9.361	0.000	0.000	0.000	0.000	0.016	0.000
OF	1387.800	-10.430	0.000	9.363	0.000	0.000	0.000	0.000	0.016	0.000
OF	1391.100	-10.377	0.000	9.365	0.000	0.000	0.000	0.000	0.016	0.000
OF	1394.400	-10.324	0.000	9.368	0.000	0.000	0.000	0.000	0.016	0.000
OF	1397.600	-10.270	0.000	9.370	0.000	0.000	0.000	0.000	0.016	0.000
OF	1400.900	-10.217	0.000	9.372	0.000	0.000	0.000	0.000	0.016	0.000
OF	1404.200	-10.164	0.000	9.374	0.000	0.000	0.000	0.000	0.016	0.000
OF	1407.500	-10.111	0.000	9.377	0.000	0.000	0.000	0.000	0.016	0.000
OF	1410.800	-10.057	0.000	9.379	0.000	0.000	0.000	0.000	0.016	0.000
OF	1414.000	-10.004	0.000	9.381	0.000	0.000	0.000	0.000	0.016	0.000
OF	1417.300	-9.951	0.000	9.383	0.000	0.000	0.000	0.000	0.016	0.000
OF	1420.600	-9.898	0.000	9.385	0.000	0.000	0.000	0.000	0.016	0.000
OF	1423.900	-9.845	0.000	9.387	0.000	0.000	0.000	0.000	0.016	0.000
OF	1427.200	-9.792	0.000	9.390	0.000	0.000	0.000	0.000	0.016	0.000
OF	1430.400	-9.738	0.000	9.392	0.000	0.000	0.000	0.000	0.016	0.000
OF	1433.700	-9.685	0.000	9.394	0.000	0.000	0.000	0.000	0.016	0.000
OF	1437.000	-9.632	0.000	9.396	0.000	0.000	0.000	0.000	0.016	0.000
OF	1440.300	-9.578	0.000	9.398	0.000	0.000	0.000	0.000	0.016	0.000
OF	1443.600	-9.525	0.000	9.400	0.000	0.000	0.000	0.000	0.016	0.000
OF	1446.800	-9.472	0.000	9.403	0.000	0.000	0.000	0.000	0.016	0.000
OF	1450.100	-9.419	0.000	9.405	0.000	0.000	0.000	0.000	0.016	0.000
OF	1453.400	-9.365	0.000	9.407	0.000	0.000	0.000	0.000	0.016	0.000
OF	1456.700	-9.312	0.000	9.409	0.000	0.000	0.000	0.000	0.016	0.000
OF	1460.000	-9.259	0.000	9.411	0.000	0.000	0.000	0.000	0.016	0.000
OF	1463.300	-9.206	0.000	9.413	0.000	0.000	0.000	0.000	0.016	0.000
OF	1466.500	-9.152	0.000	9.415	0.000	0.000	0.000	0.000	0.016	0.000
OF	1469.800	-9.099	0.000	9.417	0.000	0.000	0.000	0.000	0.016	0.000
OF	1473.100	-9.046	0.000	9.419	0.000	0.000	0.000	0.000	0.017	0.000
OF	1476.400	-8.989	0.000	9.421	0.000	0.000	0.000	0.000	0.020	0.000
OF	1479.700	-8.913	0.000	9.423	0.000	0.000	0.000	0.000	0.023	0.000
OF	1482.900	-8.838	0.000	9.425	0.000	0.000	0.000	0.000	0.023	0.000
OF	1486.200	-8.762	0.000	9.427	0.000	0.000	0.000	0.000	0.023	0.000
OF	1489.500	-8.687	0.000	9.429	0.000	0.000	0.000	0.000	0.023	0.000
OF	1492.800	-8.612	0.000	9.431	0.000	0.000	0.000	0.000	0.023	0.000
OF	1496.100	-8.536	0.000	9.433	0.000	0.000	0.000	0.000	0.023	0.000
OF	1499.300	-8.461	0.000	9.435	0.000	0.000	0.000	0.000	0.023	0.000
OF	1502.600	-8.385	0.000	9.437	0.000	0.000	0.000	0.000	0.023	0.000
OF	1505.900	-8.310	0.000	9.439	0.000	0.000	0.000	0.000	0.023	0.000
OF	1509.200	-8.235	0.000	9.441	0.000	0.000	0.000	0.000	0.023	0.000
OF	1512.500	-8.159	0.000	9.443	0.000	0.000	0.000	0.000	0.024	0.000
OF	1515.700	-8.078	0.000	9.445	0.000	0.000	0.000	0.000	0.025	0.000
OF	1519.000	-7.995	0.000	9.447	0.000	0.000	0.000	0.000	0.025	0.000
OF	1522.300	-7.911	0.000	9.449	0.000	0.000	0.000	0.000	0.025	0.000
OF	1525.600	-7.827	0.000	9.451	0.000	0.000	0.000	0.000	0.025	0.000
OF	1528.900	-7.743	0.000	9.453	0.000	0.000	0.000	0.000	0.026	0.000
OF	1532.100	-7.659	0.000	9.455	0.000	0.000	0.000	0.000	0.026	0.000
OF	1535.400	-7.576	0.000	9.457	0.000	0.000	0.000	0.000	0.025	0.000
OF	1538.700	-7.492	0.000	9.460	0.000	0.000	0.000	0.000	0.025	0.000
OF	1542.000	-7.408	0.000	9.462	0.000	0.000	0.000	0.000	0.025	0.000
OF	1545.300	-7.324	0.000	9.464	0.000	0.000	0.000	0.000	0.025	0.000
OF	1548.600	-7.240	0.000	9.466	0.000	0.000	0.000	0.000	0.026	0.000
OF	1551.800	-7.156	0.000	9.468	0.000	0.000	0.000	0.000	0.026	0.000
OF	1555.100	-7.073	0.000	9.471	0.000	0.000	0.000	0.000	0.025	0.000
OF	1558.400	-6.989	0.000	9.473	0.000	0.000	0.000	0.000	0.025	0.000
OF	1561.700	-6.905	0.000	9.475	0.000	0.000	0.000	0.000	0.025	0.000
OF	1565.000	-6.821	0.000	9.478	0.000	0.000	0.000	0.000	0.026	0.000
OF	1568.200	-6.737	0.000	9.480	0.000	0.000	0.000	0.000	0.026	0.000
OF	1571.500	-6.654	0.000	9.482	0.000	0.000	0.000	0.000	0.025	0.000
OF	1574.800	-6.570	0.000	9.485	0.000	0.000	0.000	0.000	0.025	0.000
OF	1578.100	-6.486	0.000	9.487	0.000	0.000	0.000	0.000	0.025	0.000
OF	1581.400	-6.402	0.000	9.490	0.000	0.000	0.000	0.000	0.026	0.000
OF	1584.600	-6.318	0.000	9.492	0.000	0.000	0.000	0.000	0.026	0.000
OF	1587.900	-6.234	0.000	9.495	0.000	0.000	0.000	0.000	0.026	0.000
OF	1591.200	-6.149	0.000	9.497	0.000	0.000	0.000	0.000	0.026	0.000
OF	1594.500	-6.065	0.000	9.500	0.000	0.000	0.000	0.000	0.026	0.000
OF	1597.800	-5.980	0.000	9.502	0.000	0.000	0.000	0.000	0.026	0.000
OF	1601.000	-5.896	0.000	9.505	0.000	0.000	0.000	0.000	0.026	0.000
OF	1604.300	-5.812	0.000	9.507	0.000	0.000	0.000	0.000	0.026	0.000
OF	1607.600	-5.727	0.000	9.510	0.000	0.000	0.000	0.000	0.026	0.000
OF	1610.900	-5.643	0.000	9.513	0.000	0.000	0.000	0.000	0.026	0.000
OF	1614.200	-5.558	0.000	9.516	0.000	0.000	0.000	0.000	0.026	0.000
OF	1617.500	-5.474	0.000	9.518	0.000	0.000	0.000	0.000	0.026	0.000
OF	1620.700	-5.390	0.000	9.521	0.000	0.000	0.000	0.000	0.026	0.000
OF	1624.000	-5.305	0.000	9.524	0.000	0.000	0.000	0.000	0.026	0.000
OF	1627.300	-5.221	0.000	9.526	0.000	0.000	0.000	0.000	0.026	0.000
OF	1630.600	-5.136	0.000	9.529	0.000	0.000	0.000	0.000	0.026	0.000
OF	1633.900	-5.052	0.000	9.532	0.000	0.000	0.000	0.000	0.026	0.000
OF	1637.100	-4.968	0.000	9.535	0.000	0.000	0.000	0.000	0.026	0.000

OF	1640.400	-4.883	0.000	9.537	0.000	0.000	0.000	0.000	0.026	0.000
OF	1643.700	-4.799	0.000	9.540	0.000	0.000	0.000	0.000	0.026	0.000
OF	1647.000	-4.714	0.000	9.543	0.000	0.000	0.000	0.000	0.026	0.000
OF	1650.300	-4.630	0.000	9.546	0.000	0.000	0.000	0.000	0.026	0.000
OF	1653.500	-4.546	0.000	9.549	0.000	0.000	0.000	0.000	0.025	0.000
OF	1656.800	-4.467	0.000	9.552	0.000	0.000	0.000	0.000	0.024	0.000
OF	1660.100	-4.388	0.000	9.555	0.000	0.000	0.000	0.000	0.024	0.000
OF	1663.400	-4.309	0.000	9.557	0.000	0.000	0.000	0.000	0.024	0.000
OF	1666.700	-4.230	0.000	9.561	0.000	0.000	0.000	0.000	0.024	0.000
OF	1669.900	-4.151	0.000	9.564	0.000	0.000	0.000	0.000	0.024	0.000
OF	1673.200	-4.072	0.000	9.566	0.000	0.000	0.000	0.000	0.024	0.000
OF	1676.500	-3.993	0.000	9.570	0.000	0.000	0.000	0.000	0.024	0.000
OF	1679.800	-3.914	0.000	9.572	0.000	0.000	0.000	0.000	0.024	0.000
OF	1683.100	-3.835	0.000	9.575	0.000	0.000	0.000	0.000	0.024	0.000
OF	1686.300	-3.756	0.000	9.579	0.000	0.000	0.000	0.000	0.023	0.000
OF	1689.600	-3.688	0.000	9.582	0.000	0.000	0.000	0.000	0.020	0.000
OF	1692.900	-3.623	0.000	9.585	0.000	0.000	0.000	0.000	0.020	0.000
OF	1696.200	-3.558	0.000	9.588	0.000	0.000	0.000	0.000	0.020	0.000
OF	1699.500	-3.493	0.000	9.591	0.000	0.000	0.000	0.000	0.020	0.000
OF	1702.800	-3.428	0.000	9.594	0.000	0.000	0.000	0.000	0.020	0.000
OF	1706.000	-3.363	0.000	9.598	0.000	0.000	0.000	0.000	0.020	0.000
OF	1709.300	-3.298	0.000	9.601	0.000	0.000	0.000	0.000	0.020	0.000
OF	1712.600	-3.234	0.000	9.604	0.000	0.000	0.000	0.000	0.020	0.000
OF	1715.900	-3.168	0.000	9.607	0.000	0.000	0.000	0.000	0.020	0.000
OF	1719.200	-3.104	0.000	9.610	0.000	0.000	0.000	0.000	0.020	0.000
OF	1722.400	-3.039	0.000	9.613	0.000	0.000	0.000	0.000	0.020	0.000
OF	1725.700	-2.974	0.000	9.616	0.000	0.000	0.000	0.000	0.020	0.000
OF	1729.000	-2.909	0.000	9.619	0.000	0.000	0.000	0.000	0.020	0.000
OF	1732.300	-2.844	0.000	9.622	0.000	0.000	0.000	0.000	0.020	0.000
OF	1735.600	-2.779	0.000	9.625	0.000	0.000	0.000	0.000	0.020	0.000
OF	1738.800	-2.714	0.000	9.628	0.000	0.000	0.000	0.000	0.020	0.000
OF	1742.100	-2.649	0.000	9.632	0.000	0.000	0.000	0.000	0.020	0.000
OF	1745.400	-2.584	0.000	9.635	0.000	0.000	0.000	0.000	0.020	0.000
OF	1748.700	-2.519	0.000	9.638	0.000	0.000	0.000	0.000	0.020	0.000
OF	1752.000	-2.454	0.000	9.641	0.000	0.000	0.000	0.000	0.020	0.000
OF	1755.200	-2.389	0.000	9.644	0.000	0.000	0.000	0.000	0.020	0.000
OF	1758.500	-2.324	0.000	9.647	0.000	0.000	0.000	0.000	0.020	0.000
OF	1761.800	-2.259	0.000	9.650	0.000	0.000	0.000	0.000	0.020	0.000
OF	1765.100	-2.194	0.000	9.653	0.000	0.000	0.000	0.000	0.020	0.000
OF	1768.400	-2.129	0.000	9.656	0.000	0.000	0.000	0.000	0.020	0.000
OF	1771.600	-2.065	0.000	9.659	0.000	0.000	0.000	0.000	0.021	0.000
OF	1774.900	-1.991	0.000	9.662	0.000	0.000	0.000	0.000	0.023	0.000
OF	1778.200	-1.915	0.000	9.665	0.000	0.000	0.000	0.000	0.023	0.000
OF	1781.500	-1.839	0.000	9.668	0.000	0.000	0.000	0.000	0.023	0.000
OF	1784.800	-1.763	0.000	9.671	0.000	0.000	0.000	0.000	0.022	0.000
OF	1788.100	-1.695	0.000	9.674	0.000	0.000	0.000	0.000	0.020	0.000
OF	1791.300	-1.631	0.000	9.677	0.000	0.000	0.000	0.000	0.020	0.000
OF	1794.600	-1.566	0.000	9.680	0.000	0.000	0.000	0.000	0.020	0.000
OF	1797.900	-1.502	0.000	9.683	0.000	0.000	0.000	0.000	0.020	0.000
OF	1801.200	-1.437	0.000	9.686	0.000	0.000	0.000	0.000	0.020	0.000
OF	1804.500	-1.373	0.000	9.689	0.000	0.000	0.000	0.000	0.020	0.000
OF	1807.700	-1.308	0.000	9.692	0.000	0.000	0.000	0.000	0.021	0.000
OF	1811.000	-1.240	0.000	9.695	0.000	0.000	0.000	0.000	0.021	0.000
OF	1814.300	-1.172	0.000	9.698	0.000	0.000	0.000	0.000	0.021	0.000
OF	1817.600	-1.105	0.000	9.701	0.000	0.000	0.000	0.000	0.021	0.000
OF	1820.900	-1.037	0.000	9.704	0.000	0.000	0.000	0.000	0.021	0.000
OF	1824.100	-0.969	0.000	9.707	0.000	0.000	0.000	0.000	0.021	0.000
OF	1827.400	-0.901	0.000	9.710	0.000	0.000	0.000	0.000	0.021	0.000
OF	1830.700	-0.834	0.000	9.713	0.000	0.000	0.000	0.000	0.021	0.000
OF	1834.000	-0.766	0.000	9.716	0.000	0.000	0.000	0.000	0.021	0.000
OF	1837.300	-0.698	0.000	9.719	0.000	0.000	0.000	0.000	0.021	0.000
OF	1840.500	-0.631	0.000	9.722	0.000	0.000	0.000	0.000	0.021	0.000
OF	1843.800	-0.563	0.000	9.725	0.000	0.000	0.000	0.000	0.021	0.000
OF	1847.100	-0.495	0.000	9.728	0.000	0.000	0.000	0.000	0.021	0.000
OF	1850.400	-0.428	0.000	9.731	0.000	0.000	0.000	0.000	0.021	0.000
OF	1853.700	-0.360	0.000	9.734	0.000	0.000	0.000	0.000	0.021	0.000
OF	1857.000	-0.292	0.000	9.737	0.000	0.000	0.000	0.000	0.021	0.000
OF	1860.200	-0.225	0.000	9.740	0.000	0.000	0.000	0.000	0.021	0.000
OF	1863.500	-0.157	0.000	9.743	0.000	0.000	0.000	0.000	0.021	0.000
OF	1866.800	-0.089	0.000	9.746	0.000	0.000	0.000	0.000	0.021	0.000
OF	1870.100	-0.022	0.000	9.749	0.000	0.000	0.000	0.000	0.025	0.000
IF	1873.400	0.076	0.000	9.751	0.000	0.000	0.000	0.000	0.028	0.000
IF	1876.600	0.162	0.000	9.754	0.000	0.000	0.000	0.000	0.023	0.000
IF	1879.900	0.223	0.000	9.757	0.000	0.000	0.000	0.000	0.020	0.000
IF	1883.200	0.293	0.000	9.760	0.000	0.000	0.000	0.000	0.023	0.000
IF	1886.500	0.376	0.000	9.764	0.000	0.000	0.000	0.000	0.022	0.000
IF	1889.800	0.439	0.000	9.767	0.000	0.000	0.000	0.000	0.015	0.000
IF	1893.000	0.472	0.000	9.770	0.000	0.000	0.000	0.000	0.012	0.000
IF	1896.300	0.517	0.000	9.773	0.000	0.000	0.000	0.000	0.016	0.000
IF	1899.600	0.578	0.000	9.776	0.000	0.000	0.000	0.000	0.020	0.000
IF	1902.900	0.646	0.000	9.779	0.000	0.000	0.000	0.000	0.023	0.000
IF	1906.200	0.728	0.000	9.782	0.000	0.000	0.000	0.000	0.026	0.000
IF	1909.400	0.816	0.000	9.785	0.000	0.000	0.000	0.000	0.029	0.000
IF	1912.700	0.917	0.000	9.787	0.000	0.000	0.000	0.000	0.030	0.000
IF	1916.000	1.017	0.000	9.790	0.000	0.000	0.000	0.000	0.028	0.000
IF	1919.300	1.102	0.000	9.793	0.000	0.000	0.000	0.000	0.025	0.000
IF	1922.600	1.186	0.000	9.796	0.000	0.000	0.000	0.000	0.026	0.000
IF	1925.800	1.270	0.000	9.798	0.000	0.000	0.000	0.000	0.024	0.000
IF	1929.100	1.340	0.000	9.802	0.000	0.000	0.000	0.000	0.019	0.000
IF	1932.400	1.397	0.000	9.805	0.000	0.000	0.000	0.000	0.017	0.000
IF	1935.700	1.454	0.000	9.808	0.000	0.000	0.000	0.000	0.015	0.000
IF	1939.000	1.494	0.000	9.812	0.000	0.000	0.000	0.000	0.010	0.000
IF	1942.300	1.522	0.000	9.815	0.000	0.000	0.000	0.000	0.013	0.000
IF	1945.500	1.579	0.000	9.818	0.000	0.000	0.000	0.000	0.026	0.000
IF	1948.800	1.694	0.000	9.821	0.000	0.000	0.000	0.000	0.035	0.000
IF	1952.100	1.808	0.000	9.823	0.000	0.000	0.000	0.000	0.033	0.000
IF	1955.400	1.915	0.000	9.826	0.000	0.000	0.000	0.000	0.033	0.000
IF	1958.700	2.023	0.000	9.829	0.000	0.000	0.000	0.000	0.028	0.000
IF	1961.900	2.099	0.000	9.832	0.000	0.000	0.000	0.000	0.020	0.000
IF	1965.200	2.152	0.000	9.836	0.000	0.000	0.000	0.000	0.016	0.000
IF	1968.500	2.206	0.000	9.839	0.000	0.000	0.000	0.000	0.016	0.000
IF	1971.800	2.260	0.000	9.842	0.000	0.000	0.000	0.000	0.018	0.000

IF	1975.100	2.328	0.000	9.846	0.000	0.000	0.000	0.000	0.025	0.000
IF	1978.300	2.424	0.000	9.849	0.000	0.000	0.000	0.000	0.030	0.000
IF	1981.600	2.521	0.000	9.852	0.000	0.000	0.000	0.000	0.029	0.000
IF	1984.900	2.617	0.000	9.855	0.000	0.000	0.000	0.000	0.029	0.000
IF	1988.200	2.714	0.000	9.858	0.000	0.000	0.000	0.000	0.030	0.000
IF	1991.500	2.817	0.000	9.861	0.000	0.000	0.000	0.000	0.032	0.000
IF	1994.700	2.921	0.000	9.865	0.000	0.000	0.000	0.000	0.032	0.000
IF	1998.000	3.025	0.000	9.868	0.000	0.000	0.000	0.000	0.032	0.000
IF	2001.300	3.129	0.000	9.872	0.000	0.000	0.000	0.000	0.030	0.000
IF	2004.600	3.225	0.000	9.876	0.000	0.000	0.000	0.000	0.028	0.000
IF	2007.900	3.313	0.000	9.880	0.000	0.000	0.000	0.000	0.027	0.000
IF	2011.200	3.401	0.000	9.884	0.000	0.000	0.000	0.000	0.028	0.000
IF	2014.400	3.494	0.000	9.888	0.000	0.000	0.000	0.000	0.033	0.000
IF	2017.700	3.615	0.000	9.892	0.000	0.000	0.000	0.000	0.037	0.000
IF	2021.000	3.736	0.000	9.895	0.000	0.000	0.000	0.000	0.037	0.000
IF	2024.300	3.860	0.000	9.900	0.000	0.000	0.000	0.000	0.038	0.000
IF	2027.600	3.986	0.000	9.904	0.000	0.000	0.000	0.000	0.028	0.000
IF	2030.800	4.040	0.000	9.909	0.000	0.000	0.000	0.000	0.018	0.000
IF	2034.100	4.105	0.000	9.915	0.000	0.000	0.000	0.000	0.026	0.000
IF	2037.400	4.213	0.000	9.919	0.000	0.000	0.000	0.000	0.037	0.000
IF	2040.700	4.348	0.000	9.924	0.000	0.000	0.000	0.000	0.058	0.000
IF	2044.000	4.593	0.000	9.926	0.000	0.000	0.000	0.000	0.075	0.000
IF	2047.200	4.838	0.000	9.930	0.000	0.000	0.000	0.000	0.075	0.000
IF	2050.500	5.082	0.000	9.934	0.000	0.000	0.000	0.000	0.053	0.000
IF	2053.800	5.190	0.000	9.943	0.000	0.000	0.000	0.000	0.029	0.000
IF	2057.100	5.273	0.000	9.952	0.000	0.000	0.000	0.000	0.036	0.000
IF	2060.400	5.427	0.000	9.960	0.000	0.000	0.000	0.000	0.119	0.000
IF	2063.600	6.046	0.000	9.959	0.000	0.000	0.000	0.000	0.128	0.000
IF	2066.900	6.261	0.000	9.972	0.000	0.000	0.000	0.000	0.062	0.000
IF	2070.200	6.455	0.000	9.989	0.000	0.000	0.000	0.000	0.058	0.000
IF	2073.500	6.643	0.000	10.008	0.000	0.000	0.000	0.000	0.065	0.000
IF	2076.800	6.883	0.000	10.024	0.000	0.000	0.000	0.000	0.087	0.000
IF	2080.000	7.206	0.000	10.044	0.000	0.000	0.000	0.000	0.138	0.000
IF	2083.300	7.778	0.000	10.082	0.000	0.000	0.000	0.000	0.168	0.000
IF	2086.600	8.315	0.000	10.136	0.000	0.000	0.000	0.000	0.119	0.000
IF	2089.900	8.562	0.000	10.193	0.000	0.000	0.000	0.000	0.055	0.000
IF	2093.200	8.678	0.000	10.259	0.000	0.000	0.000	0.000	0.041	0.000
IF	2096.500	8.830	0.000	10.311	0.000	0.000	0.000	0.000	0.095	0.000
IF	2110.300	10.311	0.000	10.311	0.000	0.000	0.000	0.000	0.107	0.000
AS	2286.300	9.123	0.000	9.123	0.000	0.000	0.000	0.000	-0.042	0.000
IF	2291.000	8.924	0.000	9.123	0.000	0.000	0.000	0.000	-0.013	0.000
IF	2313.500	8.760	0.000	9.123	0.000	0.000	0.000	0.000	-0.002	0.000
IF	2321.500	8.858	0.000	9.123	0.000	0.000	0.000	0.000	0.009	0.000
IF	2332.000	8.924	0.000	9.123	0.000	0.000	0.000	0.000	0.015	0.000
IF	2339.400	9.123	0.000	9.123	0.000	0.000	0.000	0.000	0.027	0.000
AS	2754.000	8.948	0.000	8.948	0.000	0.000	0.000	0.000	-0.115	0.000
OF	2901.000	-7.929	0.000	8.948	0.000	0.000	0.000	0.000	-0.115	0.000
OF	2902.000	-8.114	0.000	8.948	0.000	0.000	0.000	0.000	-0.008	0.000
OF	2937.000	-8.202	0.000	8.948	0.000	0.000	0.000	0.000	0.000	0.000
OF	2973.000	-8.126	0.000	8.948	0.000	0.000	0.000	0.000	0.020	0.000
OF	2979.000	-7.363	0.000	8.948	0.000	0.000	0.000	0.000	0.117	0.000
IF	3060.500	2.087	0.000	8.950	0.000	0.000	0.000	0.000	0.115	0.000
IF	3077.500	3.957	0.000	8.950	0.000	0.000	0.000	0.000	0.070	0.000
IF	3093.500	4.383	0.000	8.949	0.000	0.000	0.000	0.000	0.018	0.000
IF	3109.000	4.514	0.000	8.949	0.000	0.000	0.000	0.000	0.024	0.000
IF	3123.000	5.105	0.000	8.948	0.000	0.000	0.000	0.000	0.076	0.000
IF	3144.500	7.215	0.000	8.948	0.000	0.000	0.000	0.000	0.091	0.000
IF	3160.500	8.530	0.000	8.948	0.000	0.000	0.000	0.000	0.047	0.000
IF	3174.000	8.596	0.000	8.948	0.000	0.000	0.000	0.000	-0.003	0.000
IF	3226.000	8.333	0.000	8.948	0.000	0.000	0.000	0.000	0.006	0.000
IF	3235.100	8.948	0.000	8.948	0.000	0.000	0.000	0.000	0.068	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

1

	END STATION	END ELEVATION	FETCH LENGTH	SURGE ELEV 10-YEAR	SURGE ELEV 100-YEAR	INITIAL WAVE HEIGHT	INITIAL W. PERIOD		BOTTOM SLOPE	AVERAGE A-ZONES
IE	0.000	-28.592	1.000	1.000	8.831	30.287	14.349	56.140	0.000	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	2.000	-28.592	0.000	8.831	0.000	0.000	0.000	0.000	0.000	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	3.300	-28.592	0.000	8.832	0.000	0.000	0.000	0.000	0.000	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	6.600	-28.592	0.000	8.833	0.000	0.000	0.000	0.000	0.000	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	9.800	-28.592	0.000	8.834	0.000	0.000	0.000	0.000	0.000	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	13.100	-28.592	0.000	8.835	0.000	0.000	0.000	0.000	0.000	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	16.400	-28.592	0.000	8.836	0.000	0.000	0.000	0.000	0.000	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	19.700	-28.592	0.000	8.837	0.000	0.000	0.000	0.000	0.000	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	23.000	-28.592	0.000	8.838	0.000	0.000	0.000	0.000	0.000	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	26.200	-28.593	0.000	8.840	0.000	0.000	0.000	0.000	0.000	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	29.500	-28.593	0.000	8.841	0.000	0.000	0.000	0.000	0.001	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	32.800	-28.587	0.000	8.842	0.000	0.000	0.000	0.000	0.007	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	36.100	-28.550	0.000	8.843	0.000	0.000	0.000	0.000	0.011	0.000

	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	39.400	-28.512	0.000	8.844	0.000	0.000	0.000	0.000	0.012	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	42.700	-28.474	0.000	8.845	0.000	0.000	0.000	0.000	0.012	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	45.900	-28.436	0.000	8.846	0.000	0.000	0.000	0.000	0.012	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	49.200	-28.399	0.000	8.847	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	52.500	-28.361	0.000	8.848	0.000	0.000	0.000	0.000	0.012	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	55.800	-28.323	0.000	8.849	0.000	0.000	0.000	0.000	0.012	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	59.100	-28.285	0.000	8.850	0.000	0.000	0.000	0.000	0.012	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	62.300	-28.248	0.000	8.851	0.000	0.000	0.000	0.000	0.012	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	65.600	-28.210	0.000	8.852	0.000	0.000	0.000	0.000	0.012	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	68.900	-28.172	0.000	8.853	0.000	0.000	0.000	0.000	0.012	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	72.200	-28.134	0.000	8.854	0.000	0.000	0.000	0.000	0.012	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	75.500	-28.096	0.000	8.855	0.000	0.000	0.000	0.000	0.012	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	78.700	-28.059	0.000	8.856	0.000	0.000	0.000	0.000	0.012	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	82.000	-28.018	0.000	8.857	0.000	0.000	0.000	0.000	0.013	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	85.300	-27.972	0.000	8.858	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	88.600	-27.925	0.000	8.859	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	91.900	-27.879	0.000	8.861	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	95.100	-27.833	0.000	8.862	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	98.400	-27.787	0.000	8.863	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	101.700	-27.740	0.000	8.864	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	105.000	-27.694	0.000	8.865	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	108.300	-27.648	0.000	8.866	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	111.500	-27.602	0.000	8.867	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	114.800	-27.555	0.000	8.868	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	118.100	-27.509	0.000	8.870	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	121.400	-27.463	0.000	8.871	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	124.700	-27.416	0.000	8.872	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	128.000	-27.370	0.000	8.873	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	131.200	-27.324	0.000	8.875	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	134.500	-27.278	0.000	8.876	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	137.800	-27.231	0.000	8.877	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	141.100	-27.185	0.000	8.878	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	144.400	-27.139	0.000	8.879	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	147.600	-27.092	0.000	8.881	0.000	0.000	0.000	0.000	0.014	0.000

	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	150.900	-27.046	0.000	8.882	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	154.200	-27.000	0.000	8.883	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	157.500	-26.954	0.000	8.884	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	160.800	-26.907	0.000	8.885	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	164.000	-26.861	0.000	8.887	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	167.300	-26.815	0.000	8.888	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	170.600	-26.768	0.000	8.889	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	173.900	-26.722	0.000	8.891	0.000	0.000	0.000	0.000	0.013	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	177.200	-26.682	0.000	8.892	0.000	0.000	0.000	0.000	0.012	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	180.400	-26.647	0.000	8.893	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	183.700	-26.613	0.000	8.894	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	187.000	-26.578	0.000	8.896	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	190.300	-26.544	0.000	8.897	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	193.600	-26.509	0.000	8.899	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	196.800	-26.474	0.000	8.900	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	200.100	-26.440	0.000	8.901	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	203.400	-26.405	0.000	8.903	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	206.700	-26.371	0.000	8.904	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	210.000	-26.336	0.000	8.905	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	213.300	-26.301	0.000	8.907	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	216.500	-26.267	0.000	8.908	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	219.800	-26.232	0.000	8.909	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	223.100	-26.198	0.000	8.911	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	226.400	-26.163	0.000	8.912	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	229.700	-26.128	0.000	8.913	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	232.900	-26.094	0.000	8.915	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	236.200	-26.059	0.000	8.916	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	239.500	-26.025	0.000	8.917	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	242.800	-25.990	0.000	8.919	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	246.100	-25.955	0.000	8.920	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	249.300	-25.921	0.000	8.921	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	252.600	-25.886	0.000	8.923	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	255.900	-25.851	0.000	8.924	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	259.200	-25.817	0.000	8.925	0.000	0.000	0.000	0.000	0.010	0.000

	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	262.500	-25.782	0.000	8.927	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	265.700	-25.748	0.000	8.928	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	269.000	-25.713	0.000	8.930	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	272.300	-25.678	0.000	8.931	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	275.600	-25.644	0.000	8.932	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	278.900	-25.609	0.000	8.934	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	282.200	-25.575	0.000	8.935	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	285.400	-25.540	0.000	8.936	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	288.700	-25.505	0.000	8.938	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	292.000	-25.471	0.000	8.939	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	295.300	-25.436	0.000	8.940	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	298.600	-25.402	0.000	8.942	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	301.800	-25.367	0.000	8.943	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	305.100	-25.332	0.000	8.944	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	308.400	-25.298	0.000	8.946	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	311.700	-25.262	0.000	8.947	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	315.000	-25.227	0.000	8.948	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	318.200	-25.191	0.000	8.950	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	321.500	-25.156	0.000	8.951	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	324.800	-25.120	0.000	8.953	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	328.100	-25.085	0.000	8.954	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	331.400	-25.049	0.000	8.955	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	334.600	-25.014	0.000	8.957	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	337.900	-24.978	0.000	8.958	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	341.200	-24.943	0.000	8.959	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	344.500	-24.913	0.000	8.961	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	347.800	-24.882	0.000	8.962	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	351.000	-24.851	0.000	8.963	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	354.300	-24.821	0.000	8.965	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	357.600	-24.790	0.000	8.966	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	360.900	-24.760	0.000	8.967	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	364.200	-24.729	0.000	8.969	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	367.500	-24.698	0.000	8.970	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	370.700	-24.668	0.000	8.971	0.000	0.000	0.000	0.000	0.009	0.000

	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	374.000	-24.637	0.000	8.973	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	377.300	-24.606	0.000	8.974	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	380.600	-24.575	0.000	8.975	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	383.900	-24.544	0.000	8.977	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	387.100	-24.513	0.000	8.978	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	390.400	-24.482	0.000	8.979	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	393.700	-24.451	0.000	8.981	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	397.000	-24.420	0.000	8.982	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	400.300	-24.389	0.000	8.983	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	403.500	-24.357	0.000	8.985	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	406.800	-24.326	0.000	8.986	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	410.100	-24.295	0.000	8.987	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	413.400	-24.264	0.000	8.988	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	416.700	-24.233	0.000	8.990	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	419.900	-24.202	0.000	8.991	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	423.200	-24.171	0.000	8.992	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	426.500	-24.139	0.000	8.993	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	429.800	-24.108	0.000	8.995	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	433.100	-24.077	0.000	8.996	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	436.400	-24.046	0.000	8.997	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	439.600	-24.015	0.000	8.998	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	442.900	-23.984	0.000	9.000	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	446.200	-23.953	0.000	9.001	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	449.500	-23.922	0.000	9.002	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	452.800	-23.890	0.000	9.003	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	456.000	-23.859	0.000	9.005	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	459.300	-23.828	0.000	9.006	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	462.600	-23.797	0.000	9.007	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	465.900	-23.766	0.000	9.009	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	469.200	-23.735	0.000	9.010	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	472.400	-23.704	0.000	9.011	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	475.700	-23.672	0.000	9.012	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	479.000	-23.641	0.000	9.014	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	482.300	-23.610	0.000	9.015	0.000	0.000	0.000	0.000	0.009	0.000

	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	485.600	-23.579	0.000	9.016	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	488.800	-23.548	0.000	9.017	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	492.100	-23.517	0.000	9.019	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	495.400	-23.486	0.000	9.020	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	498.700	-23.454	0.000	9.021	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	502.000	-23.423	0.000	9.022	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	505.200	-23.392	0.000	9.023	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	508.500	-23.360	0.000	9.024	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	511.800	-23.329	0.000	9.026	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	515.100	-23.297	0.000	9.027	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	518.400	-23.266	0.000	9.028	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	521.700	-23.235	0.000	9.029	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	524.900	-23.203	0.000	9.030	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	528.200	-23.172	0.000	9.032	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	531.500	-23.140	0.000	9.033	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	534.800	-23.109	0.000	9.034	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	538.100	-23.078	0.000	9.035	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	541.300	-23.046	0.000	9.037	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	544.600	-23.015	0.000	9.038	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	547.900	-22.983	0.000	9.039	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	551.200	-22.952	0.000	9.040	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	554.500	-22.920	0.000	9.041	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	557.700	-22.889	0.000	9.042	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	561.000	-22.858	0.000	9.044	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	564.300	-22.826	0.000	9.045	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	567.600	-22.795	0.000	9.046	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	570.900	-22.763	0.000	9.047	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	574.100	-22.732	0.000	9.048	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	577.400	-22.700	0.000	9.050	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	580.700	-22.669	0.000	9.051	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	584.000	-22.638	0.000	9.052	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	587.300	-22.606	0.000	9.053	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	590.500	-22.575	0.000	9.054	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	593.800	-22.543	0.000	9.055	0.000	0.000	0.000	0.000	0.010	0.000

	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	597.100	-22.511	0.000	9.056	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	600.400	-22.479	0.000	9.057	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	603.700	-22.447	0.000	9.059	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	607.000	-22.414	0.000	9.060	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	610.200	-22.382	0.000	9.061	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	613.500	-22.350	0.000	9.062	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	616.800	-22.317	0.000	9.063	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	620.100	-22.285	0.000	9.064	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	623.400	-22.253	0.000	9.065	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	626.600	-22.221	0.000	9.066	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	629.900	-22.189	0.000	9.068	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	633.200	-22.156	0.000	9.069	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	636.500	-22.124	0.000	9.070	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	639.800	-22.086	0.000	9.071	0.000	0.000	0.000	0.000	0.012	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	643.000	-22.044	0.000	9.072	0.000	0.000	0.000	0.000	0.013	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	646.300	-22.001	0.000	9.073	0.000	0.000	0.000	0.000	0.013	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	649.600	-21.959	0.000	9.074	0.000	0.000	0.000	0.000	0.013	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	652.900	-21.916	0.000	9.075	0.000	0.000	0.000	0.000	0.013	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	656.200	-21.873	0.000	9.076	0.000	0.000	0.000	0.000	0.013	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	659.400	-21.831	0.000	9.077	0.000	0.000	0.000	0.000	0.013	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	662.700	-21.788	0.000	9.078	0.000	0.000	0.000	0.000	0.013	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	666.000	-21.746	0.000	9.079	0.000	0.000	0.000	0.000	0.013	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	669.300	-21.703	0.000	9.080	0.000	0.000	0.000	0.000	0.013	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	672.600	-21.660	0.000	9.081	0.000	0.000	0.000	0.000	0.013	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	675.900	-21.618	0.000	9.082	0.000	0.000	0.000	0.000	0.013	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	679.100	-21.575	0.000	9.083	0.000	0.000	0.000	0.000	0.013	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	682.400	-21.533	0.000	9.084	0.000	0.000	0.000	0.000	0.013	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	685.700	-21.490	0.000	9.085	0.000	0.000	0.000	0.000	0.013	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	689.000	-21.448	0.000	9.086	0.000	0.000	0.000	0.000	0.013	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	692.300	-21.405	0.000	9.087	0.000	0.000	0.000	0.000	0.013	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	695.500	-21.362	0.000	9.088	0.000	0.000	0.000	0.000	0.013	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	698.800	-21.320	0.000	9.089	0.000	0.000	0.000	0.000	0.012	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	702.100	-21.280	0.000	9.090	0.000	0.000	0.000	0.000	0.012	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	705.400	-21.242	0.000	9.092	0.000	0.000	0.000	0.000	0.011	0.000

	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	708.700	-21.205	0.000	9.092	0.000	0.000	0.000	0.000	0.012	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	711.900	-21.167	0.000	9.094	0.000	0.000	0.000	0.000	0.012	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	715.200	-21.130	0.000	9.095	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	718.500	-21.092	0.000	9.096	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	721.800	-21.055	0.000	9.097	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	725.100	-21.017	0.000	9.098	0.000	0.000	0.000	0.000	0.012	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	728.300	-20.980	0.000	9.099	0.000	0.000	0.000	0.000	0.012	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	731.600	-20.942	0.000	9.100	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	734.900	-20.905	0.000	9.101	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	738.200	-20.867	0.000	9.102	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	741.500	-20.830	0.000	9.103	0.000	0.000	0.000	0.000	0.012	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	744.700	-20.792	0.000	9.104	0.000	0.000	0.000	0.000	0.012	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	748.000	-20.755	0.000	9.106	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	751.300	-20.717	0.000	9.107	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	754.600	-20.680	0.000	9.108	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	757.900	-20.642	0.000	9.109	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	761.200	-20.605	0.000	9.110	0.000	0.000	0.000	0.000	0.012	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	764.400	-20.567	0.000	9.111	0.000	0.000	0.000	0.000	0.012	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	767.700	-20.530	0.000	9.112	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	771.000	-20.493	0.000	9.113	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	774.300	-20.462	0.000	9.114	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	777.600	-20.432	0.000	9.115	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	780.800	-20.401	0.000	9.116	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	784.100	-20.371	0.000	9.118	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	787.400	-20.340	0.000	9.119	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	790.700	-20.310	0.000	9.120	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	794.000	-20.279	0.000	9.121	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	797.200	-20.249	0.000	9.122	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	800.500	-20.218	0.000	9.123	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	803.800	-20.187	0.000	9.124	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	807.100	-20.157	0.000	9.125	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	810.400	-20.126	0.000	9.127	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	813.600	-20.096	0.000	9.127	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	816.900	-20.065	0.000	9.129	0.000	0.000	0.000	0.000	0.009	0.000

	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	820.200	-20.033	0.000	9.130	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	823.500	-19.999	0.000	9.131	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	826.800	-19.965	0.000	9.132	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	830.100	-19.931	0.000	9.133	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	833.300	-19.897	0.000	9.134	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	836.600	-19.863	0.000	9.135	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	839.900	-19.829	0.000	9.136	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	843.200	-19.795	0.000	9.137	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	846.500	-19.761	0.000	9.138	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	849.700	-19.727	0.000	9.139	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	853.000	-19.693	0.000	9.140	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	856.300	-19.659	0.000	9.141	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	859.600	-19.625	0.000	9.142	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	862.900	-19.591	0.000	9.143	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	866.100	-19.557	0.000	9.144	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	869.400	-19.523	0.000	9.145	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	872.700	-19.489	0.000	9.146	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	876.000	-19.455	0.000	9.147	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	879.300	-19.421	0.000	9.148	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	882.500	-19.387	0.000	9.149	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	885.800	-19.353	0.000	9.150	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	889.100	-19.318	0.000	9.151	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	892.400	-19.284	0.000	9.152	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	895.700	-19.250	0.000	9.153	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	898.900	-19.216	0.000	9.154	0.000	0.000	0.000	0.000	0.011	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	902.200	-19.180	0.000	9.155	0.000	0.000	0.000	0.000	0.012	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	905.500	-19.134	0.000	9.156	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	908.800	-19.088	0.000	9.156	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	912.100	-19.042	0.000	9.158	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	915.400	-18.996	0.000	9.158	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	918.600	-18.951	0.000	9.159	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	921.900	-18.905	0.000	9.160	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	925.200	-18.859	0.000	9.161	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	928.500	-18.813	0.000	9.162	0.000	0.000	0.000	0.000	0.014	0.000

	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	931.800	-18.767	0.000	9.163	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	935.000	-18.721	0.000	9.164	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	938.300	-18.675	0.000	9.165	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	941.600	-18.629	0.000	9.166	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	944.900	-18.583	0.000	9.167	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	948.200	-18.537	0.000	9.167	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	951.400	-18.491	0.000	9.168	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	954.700	-18.445	0.000	9.169	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	958.000	-18.399	0.000	9.170	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	961.300	-18.353	0.000	9.171	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	964.600	-18.308	0.000	9.172	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	967.800	-18.262	0.000	9.173	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	971.100	-18.216	0.000	9.174	0.000	0.000	0.000	0.000	0.014	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	974.400	-18.169	0.000	9.175	0.000	0.000	0.000	0.000	0.015	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	977.700	-18.119	0.000	9.176	0.000	0.000	0.000	0.000	0.015	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	981.000	-18.069	0.000	9.177	0.000	0.000	0.000	0.000	0.015	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	984.200	-18.019	0.000	9.177	0.000	0.000	0.000	0.000	0.015	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	987.500	-17.969	0.000	9.179	0.000	0.000	0.000	0.000	0.015	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	990.800	-17.920	0.000	9.179	0.000	0.000	0.000	0.000	0.015	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	994.100	-17.870	0.000	9.181	0.000	0.000	0.000	0.000	0.015	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	997.400	-17.820	0.000	9.181	0.000	0.000	0.000	0.000	0.015	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1000.700	-17.770	0.000	9.182	0.000	0.000	0.000	0.000	0.015	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1003.900	-17.720	0.000	9.183	0.000	0.000	0.000	0.000	0.015	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1007.200	-17.671	0.000	9.184	0.000	0.000	0.000	0.000	0.015	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1010.500	-17.621	0.000	9.185	0.000	0.000	0.000	0.000	0.015	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1013.800	-17.571	0.000	9.186	0.000	0.000	0.000	0.000	0.015	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1017.100	-17.521	0.000	9.187	0.000	0.000	0.000	0.000	0.015	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1020.300	-17.471	0.000	9.188	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1023.600	-17.419	0.000	9.189	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1026.900	-17.366	0.000	9.190	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1030.200	-17.313	0.000	9.191	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1033.500	-17.259	0.000	9.192	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1036.700	-17.206	0.000	9.193	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1040.000	-17.153	0.000	9.194	0.000	0.000	0.000	0.000	0.016	0.000

	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1043.300	-17.100	0.000	9.195	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1046.600	-17.046	0.000	9.196	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1049.900	-16.993	0.000	9.197	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1053.100	-16.940	0.000	9.198	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1056.400	-16.887	0.000	9.199	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1059.700	-16.833	0.000	9.200	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1063.000	-16.780	0.000	9.201	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1066.300	-16.727	0.000	9.203	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1069.600	-16.673	0.000	9.203	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1072.800	-16.620	0.000	9.205	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1076.100	-16.567	0.000	9.206	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1079.400	-16.514	0.000	9.207	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1082.700	-16.460	0.000	9.208	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1086.000	-16.407	0.000	9.209	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1089.200	-16.354	0.000	9.210	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1092.500	-16.301	0.000	9.211	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1095.800	-16.247	0.000	9.212	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1099.100	-16.194	0.000	9.214	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1102.400	-16.141	0.000	9.215	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1105.600	-16.088	0.000	9.216	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1108.900	-16.034	0.000	9.217	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1112.200	-15.981	0.000	9.218	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1115.500	-15.928	0.000	9.220	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1118.800	-15.875	0.000	9.221	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1122.000	-15.821	0.000	9.222	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1125.300	-15.768	0.000	9.223	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1128.600	-15.715	0.000	9.224	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1131.900	-15.662	0.000	9.226	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1135.200	-15.608	0.000	9.227	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1138.400	-15.555	0.000	9.228	0.000	0.000	0.000	0.000	0.017	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1141.700	-15.496	0.000	9.229	0.000	0.000	0.000	0.000	0.019	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1145.000	-15.428	0.000	9.230	0.000	0.000	0.000	0.000	0.021	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1148.300	-15.355	0.000	9.232	0.000	0.000	0.000	0.000	0.022	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1151.600	-15.281	0.000	9.233	0.000	0.000	0.000	0.000	0.022	0.000

	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1154.900	-15.208	0.000	9.234	0.000	0.000	0.000	0.000	0.023	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1158.100	-15.135	0.000	9.235	0.000	0.000	0.000	0.000	0.023	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1161.400	-15.062	0.000	9.236	0.000	0.000	0.000	0.000	0.022	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1164.700	-14.989	0.000	9.238	0.000	0.000	0.000	0.000	0.022	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1168.000	-14.915	0.000	9.239	0.000	0.000	0.000	0.000	0.022	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1171.300	-14.842	0.000	9.240	0.000	0.000	0.000	0.000	0.023	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1174.500	-14.769	0.000	9.241	0.000	0.000	0.000	0.000	0.023	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1177.800	-14.696	0.000	9.243	0.000	0.000	0.000	0.000	0.022	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1181.100	-14.623	0.000	9.244	0.000	0.000	0.000	0.000	0.022	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1184.400	-14.549	0.000	9.246	0.000	0.000	0.000	0.000	0.022	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1187.700	-14.476	0.000	9.247	0.000	0.000	0.000	0.000	0.023	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1190.900	-14.403	0.000	9.248	0.000	0.000	0.000	0.000	0.023	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1194.200	-14.330	0.000	9.250	0.000	0.000	0.000	0.000	0.022	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1197.500	-14.257	0.000	9.251	0.000	0.000	0.000	0.000	0.022	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1200.800	-14.183	0.000	9.252	0.000	0.000	0.000	0.000	0.022	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1204.100	-14.110	0.000	9.254	0.000	0.000	0.000	0.000	0.023	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1207.300	-14.037	0.000	9.256	0.000	0.000	0.000	0.000	0.023	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1210.600	-13.964	0.000	9.257	0.000	0.000	0.000	0.000	0.022	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1213.900	-13.891	0.000	9.259	0.000	0.000	0.000	0.000	0.022	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1217.200	-13.817	0.000	9.260	0.000	0.000	0.000	0.000	0.022	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1220.500	-13.744	0.000	9.262	0.000	0.000	0.000	0.000	0.022	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1223.800	-13.671	0.000	9.264	0.000	0.000	0.000	0.000	0.023	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1227.000	-13.598	0.000	9.265	0.000	0.000	0.000	0.000	0.023	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1230.300	-13.525	0.000	9.267	0.000	0.000	0.000	0.000	0.022	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1233.600	-13.451	0.000	9.268	0.000	0.000	0.000	0.000	0.022	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1236.900	-13.378	0.000	9.270	0.000	0.000	0.000	0.000	0.022	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1240.200	-13.305	0.000	9.272	0.000	0.000	0.000	0.000	0.023	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1243.400	-13.232	0.000	9.274	0.000	0.000	0.000	0.000	0.023	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1246.700	-13.159	0.000	9.275	0.000	0.000	0.000	0.000	0.022	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1250.000	-13.085	0.000	9.277	0.000	0.000	0.000	0.000	0.022	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1253.300	-13.012	0.000	9.279	0.000	0.000	0.000	0.000	0.022	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1256.600	-12.939	0.000	9.281	0.000	0.000	0.000	0.000	0.022	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1259.800	-12.872	0.000	9.283	0.000	0.000	0.000	0.000	0.021	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1263.100	-12.805	0.000	9.284	0.000	0.000	0.000	0.000	0.020	0.000

	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1266.400	-12.739	0.000	9.286	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1269.700	-12.672	0.000	9.288	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1273.000	-12.605	0.000	9.290	0.000	0.000	0.000	0.000	0.021	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1276.200	-12.539	0.000	9.292	0.000	0.000	0.000	0.000	0.021	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1279.500	-12.472	0.000	9.294	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1282.800	-12.405	0.000	9.296	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1286.100	-12.339	0.000	9.298	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1289.400	-12.274	0.000	9.300	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1292.600	-12.212	0.000	9.302	0.000	0.000	0.000	0.000	0.019	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1295.900	-12.149	0.000	9.304	0.000	0.000	0.000	0.000	0.019	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1299.200	-12.087	0.000	9.306	0.000	0.000	0.000	0.000	0.019	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1302.500	-12.024	0.000	9.308	0.000	0.000	0.000	0.000	0.019	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1305.800	-11.962	0.000	9.310	0.000	0.000	0.000	0.000	0.019	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1309.100	-11.900	0.000	9.312	0.000	0.000	0.000	0.000	0.019	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1312.300	-11.837	0.000	9.314	0.000	0.000	0.000	0.000	0.019	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1315.600	-11.775	0.000	9.316	0.000	0.000	0.000	0.000	0.019	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1318.900	-11.712	0.000	9.318	0.000	0.000	0.000	0.000	0.019	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1322.200	-11.650	0.000	9.321	0.000	0.000	0.000	0.000	0.019	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1325.500	-11.587	0.000	9.323	0.000	0.000	0.000	0.000	0.019	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1328.700	-11.525	0.000	9.325	0.000	0.000	0.000	0.000	0.019	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1332.000	-11.463	0.000	9.327	0.000	0.000	0.000	0.000	0.019	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1335.300	-11.400	0.000	9.329	0.000	0.000	0.000	0.000	0.019	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1338.600	-11.338	0.000	9.331	0.000	0.000	0.000	0.000	0.019	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1341.900	-11.275	0.000	9.333	0.000	0.000	0.000	0.000	0.019	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1345.100	-11.213	0.000	9.335	0.000	0.000	0.000	0.000	0.019	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1348.400	-11.150	0.000	9.337	0.000	0.000	0.000	0.000	0.019	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1351.700	-11.088	0.000	9.339	0.000	0.000	0.000	0.000	0.019	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1355.000	-11.025	0.000	9.342	0.000	0.000	0.000	0.000	0.019	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1358.300	-10.963	0.000	9.344	0.000	0.000	0.000	0.000	0.019	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1361.500	-10.901	0.000	9.346	0.000	0.000	0.000	0.000	0.019	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1364.800	-10.838	0.000	9.348	0.000	0.000	0.000	0.000	0.019	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1368.100	-10.776	0.000	9.350	0.000	0.000	0.000	0.000	0.019	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1371.400	-10.713	0.000	9.352	0.000	0.000	0.000	0.000	0.019	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1374.700	-10.651	0.000	9.354	0.000	0.000	0.000	0.000	0.019	0.000

	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1377.900	-10.591	0.000	9.357	0.000	0.000	0.000	0.000	0.018	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1381.200	-10.537	0.000	9.359	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1384.500	-10.484	0.000	9.361	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1387.800	-10.430	0.000	9.363	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1391.100	-10.377	0.000	9.365	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1394.400	-10.324	0.000	9.368	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1397.600	-10.270	0.000	9.370	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1400.900	-10.217	0.000	9.372	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1404.200	-10.164	0.000	9.374	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1407.500	-10.111	0.000	9.377	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1410.800	-10.057	0.000	9.379	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1414.000	-10.004	0.000	9.381	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1417.300	-9.951	0.000	9.383	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1420.600	-9.898	0.000	9.385	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1423.900	-9.845	0.000	9.387	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1427.200	-9.792	0.000	9.390	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1430.400	-9.738	0.000	9.392	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1433.700	-9.685	0.000	9.394	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1437.000	-9.632	0.000	9.396	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1440.300	-9.578	0.000	9.398	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1443.600	-9.525	0.000	9.400	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1446.800	-9.472	0.000	9.403	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1450.100	-9.419	0.000	9.405	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1453.400	-9.365	0.000	9.407	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1456.700	-9.312	0.000	9.409	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1460.000	-9.259	0.000	9.411	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1463.300	-9.206	0.000	9.413	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1466.500	-9.152	0.000	9.415	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1469.800	-9.099	0.000	9.417	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1473.100	-9.046	0.000	9.419	0.000	0.000	0.000	0.000	0.017	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1476.400	-8.989	0.000	9.421	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1479.700	-8.913	0.000	9.423	0.000	0.000	0.000	0.000	0.023	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1482.900	-8.838	0.000	9.425	0.000	0.000	0.000	0.000	0.023	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1486.200	-8.762	0.000	9.427	0.000	0.000	0.000	0.000	0.023	0.000

	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1489.500	-8.687	0.000	9.429	0.000	0.000	0.000	0.000	0.023	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1492.800	-8.612	0.000	9.431	0.000	0.000	0.000	0.000	0.023	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1496.100	-8.536	0.000	9.433	0.000	0.000	0.000	0.000	0.023	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1499.300	-8.461	0.000	9.435	0.000	0.000	0.000	0.000	0.023	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1502.600	-8.385	0.000	9.437	0.000	0.000	0.000	0.000	0.023	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1505.900	-8.310	0.000	9.439	0.000	0.000	0.000	0.000	0.023	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1509.200	-8.235	0.000	9.441	0.000	0.000	0.000	0.000	0.023	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1512.500	-8.159	0.000	9.443	0.000	0.000	0.000	0.000	0.024	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1515.700	-8.078	0.000	9.445	0.000	0.000	0.000	0.000	0.025	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1519.000	-7.995	0.000	9.447	0.000	0.000	0.000	0.000	0.025	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1522.300	-7.911	0.000	9.449	0.000	0.000	0.000	0.000	0.025	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1525.600	-7.827	0.000	9.451	0.000	0.000	0.000	0.000	0.025	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1528.900	-7.743	0.000	9.453	0.000	0.000	0.000	0.000	0.026	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1532.100	-7.659	0.000	9.455	0.000	0.000	0.000	0.000	0.026	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1535.400	-7.576	0.000	9.457	0.000	0.000	0.000	0.000	0.025	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1538.700	-7.492	0.000	9.460	0.000	0.000	0.000	0.000	0.025	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1542.000	-7.408	0.000	9.462	0.000	0.000	0.000	0.000	0.025	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1545.300	-7.324	0.000	9.464	0.000	0.000	0.000	0.000	0.025	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1548.600	-7.240	0.000	9.466	0.000	0.000	0.000	0.000	0.026	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1551.800	-7.156	0.000	9.468	0.000	0.000	0.000	0.000	0.026	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1555.100	-7.073	0.000	9.471	0.000	0.000	0.000	0.000	0.025	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1558.400	-6.989	0.000	9.473	0.000	0.000	0.000	0.000	0.025	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1561.700	-6.905	0.000	9.475	0.000	0.000	0.000	0.000	0.025	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1565.000	-6.821	0.000	9.478	0.000	0.000	0.000	0.000	0.026	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1568.200	-6.737	0.000	9.480	0.000	0.000	0.000	0.000	0.026	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1571.500	-6.654	0.000	9.482	0.000	0.000	0.000	0.000	0.025	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1574.800	-6.570	0.000	9.485	0.000	0.000	0.000	0.000	0.025	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1578.100	-6.486	0.000	9.487	0.000	0.000	0.000	0.000	0.025	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1581.400	-6.402	0.000	9.490	0.000	0.000	0.000	0.000	0.026	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1584.600	-6.318	0.000	9.492	0.000	0.000	0.000	0.000	0.026	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1587.900	-6.234	0.000	9.495	0.000	0.000	0.000	0.000	0.026	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1591.200	-6.149	0.000	9.497	0.000	0.000	0.000	0.000	0.026	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1594.500	-6.065	0.000	9.500	0.000	0.000	0.000	0.000	0.026	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1597.800	-5.980	0.000	9.502	0.000	0.000	0.000	0.000	0.026	0.000

	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1601.000	-5.896	0.000	9.505	0.000	0.000	0.000	0.000	0.026	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1604.300	-5.812	0.000	9.507	0.000	0.000	0.000	0.000	0.026	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1607.600	-5.727	0.000	9.510	0.000	0.000	0.000	0.000	0.026	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1610.900	-5.643	0.000	9.513	0.000	0.000	0.000	0.000	0.026	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1614.200	-5.558	0.000	9.516	0.000	0.000	0.000	0.000	0.026	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1617.500	-5.474	0.000	9.518	0.000	0.000	0.000	0.000	0.026	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1620.700	-5.390	0.000	9.521	0.000	0.000	0.000	0.000	0.026	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1624.000	-5.305	0.000	9.524	0.000	0.000	0.000	0.000	0.026	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1627.300	-5.221	0.000	9.526	0.000	0.000	0.000	0.000	0.026	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1630.600	-5.136	0.000	9.529	0.000	0.000	0.000	0.000	0.026	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1633.900	-5.052	0.000	9.532	0.000	0.000	0.000	0.000	0.026	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1637.100	-4.968	0.000	9.535	0.000	0.000	0.000	0.000	0.026	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1640.400	-4.883	0.000	9.537	0.000	0.000	0.000	0.000	0.026	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1643.700	-4.799	0.000	9.540	0.000	0.000	0.000	0.000	0.026	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1647.000	-4.714	0.000	9.543	0.000	0.000	0.000	0.000	0.026	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1650.300	-4.630	0.000	9.546	0.000	0.000	0.000	0.000	0.026	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1653.500	-4.546	0.000	9.549	0.000	0.000	0.000	0.000	0.025	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1656.800	-4.467	0.000	9.552	0.000	0.000	0.000	0.000	0.024	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1660.100	-4.388	0.000	9.555	0.000	0.000	0.000	0.000	0.024	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1663.400	-4.309	0.000	9.557	0.000	0.000	0.000	0.000	0.024	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1666.700	-4.230	0.000	9.561	0.000	0.000	0.000	0.000	0.024	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1669.900	-4.151	0.000	9.564	0.000	0.000	0.000	0.000	0.024	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1673.200	-4.072	0.000	9.566	0.000	0.000	0.000	0.000	0.024	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1676.500	-3.993	0.000	9.570	0.000	0.000	0.000	0.000	0.024	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1679.800	-3.914	0.000	9.572	0.000	0.000	0.000	0.000	0.024	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1683.100	-3.835	0.000	9.575	0.000	0.000	0.000	0.000	0.024	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1686.300	-3.756	0.000	9.579	0.000	0.000	0.000	0.000	0.023	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1689.600	-3.688	0.000	9.582	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1692.900	-3.623	0.000	9.585	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1696.200	-3.558	0.000	9.588	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1699.500	-3.493	0.000	9.591	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1702.800	-3.428	0.000	9.594	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1706.000	-3.363	0.000	9.598	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1709.300	-3.298	0.000	9.601	0.000	0.000	0.000	0.000	0.020	0.000

	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1712.600	-3.234	0.000	9.604	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1715.900	-3.168	0.000	9.607	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1719.200	-3.104	0.000	9.610	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1722.400	-3.039	0.000	9.613	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1725.700	-2.974	0.000	9.616	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1729.000	-2.909	0.000	9.619	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1732.300	-2.844	0.000	9.622	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1735.600	-2.779	0.000	9.625	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1738.800	-2.714	0.000	9.628	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1742.100	-2.649	0.000	9.632	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1745.400	-2.584	0.000	9.635	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1748.700	-2.519	0.000	9.638	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1752.000	-2.454	0.000	9.641	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1755.200	-2.389	0.000	9.644	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1758.500	-2.324	0.000	9.647	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1761.800	-2.259	0.000	9.650	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1765.100	-2.194	0.000	9.653	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1768.400	-2.129	0.000	9.656	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1771.600	-2.065	0.000	9.659	0.000	0.000	0.000	0.000	0.021	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1774.900	-1.991	0.000	9.662	0.000	0.000	0.000	0.000	0.023	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1778.200	-1.915	0.000	9.665	0.000	0.000	0.000	0.000	0.023	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1781.500	-1.839	0.000	9.668	0.000	0.000	0.000	0.000	0.023	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1784.800	-1.763	0.000	9.671	0.000	0.000	0.000	0.000	0.022	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1788.100	-1.695	0.000	9.674	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1791.300	-1.631	0.000	9.677	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1794.600	-1.566	0.000	9.680	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1797.900	-1.502	0.000	9.683	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1801.200	-1.437	0.000	9.686	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1804.500	-1.373	0.000	9.689	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1807.700	-1.308	0.000	9.692	0.000	0.000	0.000	0.000	0.021	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1811.000	-1.240	0.000	9.695	0.000	0.000	0.000	0.000	0.021	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1814.300	-1.172	0.000	9.698	0.000	0.000	0.000	0.000	0.021	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1817.600	-1.105	0.000	9.701	0.000	0.000	0.000	0.000	0.021	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1820.900	-1.037	0.000	9.704	0.000	0.000	0.000	0.000	0.021	0.000

	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1824.100	-0.969	0.000	9.707	0.000	0.000	0.000	0.000	0.021	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1827.400	-0.901	0.000	9.710	0.000	0.000	0.000	0.000	0.021	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1830.700	-0.834	0.000	9.713	0.000	0.000	0.000	0.000	0.021	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1834.000	-0.766	0.000	9.716	0.000	0.000	0.000	0.000	0.021	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1837.300	-0.698	0.000	9.719	0.000	0.000	0.000	0.000	0.021	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1840.500	-0.631	0.000	9.722	0.000	0.000	0.000	0.000	0.021	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1843.800	-0.563	0.000	9.725	0.000	0.000	0.000	0.000	0.021	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1847.100	-0.495	0.000	9.728	0.000	0.000	0.000	0.000	0.021	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1850.400	-0.428	0.000	9.731	0.000	0.000	0.000	0.000	0.021	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1853.700	-0.360	0.000	9.734	0.000	0.000	0.000	0.000	0.021	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1857.000	-0.292	0.000	9.737	0.000	0.000	0.000	0.000	0.021	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1860.200	-0.225	0.000	9.740	0.000	0.000	0.000	0.000	0.021	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1863.500	-0.157	0.000	9.743	0.000	0.000	0.000	0.000	0.021	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1866.800	-0.089	0.000	9.746	0.000	0.000	0.000	0.000	0.021	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1870.100	-0.022	0.000	9.749	0.000	0.000	0.000	0.000	0.025	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1873.400	0.076	0.000	9.751	0.000	0.000	0.000	0.000	0.028	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1876.600	0.162	0.000	9.754	0.000	0.000	0.000	0.000	0.023	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1879.900	0.223	0.000	9.757	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1883.200	0.293	0.000	9.760	0.000	0.000	0.000	0.000	0.023	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1886.500	0.376	0.000	9.764	0.000	0.000	0.000	0.000	0.022	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1889.800	0.439	0.000	9.767	0.000	0.000	0.000	0.000	0.015	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1893.000	0.472	0.000	9.770	0.000	0.000	0.000	0.000	0.012	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1896.300	0.517	0.000	9.773	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1899.600	0.578	0.000	9.776	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1902.900	0.646	0.000	9.779	0.000	0.000	0.000	0.000	0.023	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1906.200	0.728	0.000	9.782	0.000	0.000	0.000	0.000	0.026	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1909.400	0.816	0.000	9.785	0.000	0.000	0.000	0.000	0.029	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1912.700	0.917	0.000	9.787	0.000	0.000	0.000	0.000	0.030	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1916.000	1.017	0.000	9.790	0.000	0.000	0.000	0.000	0.028	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1919.300	1.102	0.000	9.793	0.000	0.000	0.000	0.000	0.025	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1922.600	1.186	0.000	9.796	0.000	0.000	0.000	0.000	0.026	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1925.800	1.270	0.000	9.798	0.000	0.000	0.000	0.000	0.024	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1929.100	1.340	0.000	9.802	0.000	0.000	0.000	0.000	0.019	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1932.400	1.397	0.000	9.805	0.000	0.000	0.000	0.000	0.017	0.000

	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1935.700	1.454	0.000	9.808	0.000	0.000	0.000	0.000	0.015	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1939.000	1.494	0.000	9.812	0.000	0.000	0.000	0.000	0.010	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1942.300	1.522	0.000	9.815	0.000	0.000	0.000	0.000	0.013	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1945.500	1.579	0.000	9.818	0.000	0.000	0.000	0.000	0.026	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1948.800	1.694	0.000	9.821	0.000	0.000	0.000	0.000	0.035	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1952.100	1.808	0.000	9.823	0.000	0.000	0.000	0.000	0.033	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1955.400	1.915	0.000	9.826	0.000	0.000	0.000	0.000	0.033	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1958.700	2.023	0.000	9.829	0.000	0.000	0.000	0.000	0.028	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1961.900	2.099	0.000	9.832	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1965.200	2.152	0.000	9.836	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1968.500	2.206	0.000	9.839	0.000	0.000	0.000	0.000	0.016	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1971.800	2.260	0.000	9.842	0.000	0.000	0.000	0.000	0.018	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1975.100	2.328	0.000	9.846	0.000	0.000	0.000	0.000	0.025	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1978.300	2.424	0.000	9.849	0.000	0.000	0.000	0.000	0.030	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1981.600	2.521	0.000	9.852	0.000	0.000	0.000	0.000	0.029	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1984.900	2.617	0.000	9.855	0.000	0.000	0.000	0.000	0.029	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1988.200	2.714	0.000	9.858	0.000	0.000	0.000	0.000	0.030	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1991.500	2.817	0.000	9.861	0.000	0.000	0.000	0.000	0.032	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1994.700	2.921	0.000	9.865	0.000	0.000	0.000	0.000	0.032	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1998.000	3.025	0.000	9.868	0.000	0.000	0.000	0.000	0.032	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2001.300	3.129	0.000	9.872	0.000	0.000	0.000	0.000	0.030	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2004.600	3.225	0.000	9.876	0.000	0.000	0.000	0.000	0.028	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2007.900	3.313	0.000	9.880	0.000	0.000	0.000	0.000	0.027	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2011.200	3.401	0.000	9.884	0.000	0.000	0.000	0.000	0.028	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2014.400	3.494	0.000	9.888	0.000	0.000	0.000	0.000	0.033	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2017.700	3.615	0.000	9.892	0.000	0.000	0.000	0.000	0.037	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2021.000	3.736	0.000	9.895	0.000	0.000	0.000	0.000	0.037	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2024.300	3.860	0.000	9.900	0.000	0.000	0.000	0.000	0.038	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2027.600	3.986	0.000	9.904	0.000	0.000	0.000	0.000	0.028	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2030.800	4.040	0.000	9.909	0.000	0.000	0.000	0.000	0.018	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2034.100	4.105	0.000	9.915	0.000	0.000	0.000	0.000	0.026	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2037.400	4.213	0.000	9.919	0.000	0.000	0.000	0.000	0.037	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2040.700	4.348	0.000	9.924	0.000	0.000	0.000	0.000	0.058	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2044.000	4.593	0.000	9.926	0.000	0.000	0.000	0.000	0.075	0.000

	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2047.200	4.838	0.000	9.930	0.000	0.000	0.000	0.000	0.075	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2050.500	5.082	0.000	9.934	0.000	0.000	0.000	0.000	0.053	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2053.800	5.190	0.000	9.943	0.000	0.000	0.000	0.000	0.029	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2057.100	5.273	0.000	9.952	0.000	0.000	0.000	0.000	0.036	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2060.400	5.427	0.000	9.960	0.000	0.000	0.000	0.000	0.119	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2063.600	6.046	0.000	9.959	0.000	0.000	0.000	0.000	0.128	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2066.900	6.261	0.000	9.972	0.000	0.000	0.000	0.000	0.062	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2070.200	6.455	0.000	9.989	0.000	0.000	0.000	0.000	0.058	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2073.500	6.643	0.000	10.008	0.000	0.000	0.000	0.000	0.065	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2076.800	6.883	0.000	10.024	0.000	0.000	0.000	0.000	0.087	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2080.000	7.206	0.000	10.044	0.000	0.000	0.000	0.000	0.138	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2083.300	7.778	0.000	10.082	0.000	0.000	0.000	0.000	0.168	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2086.600	8.315	0.000	10.136	0.000	0.000	0.000	0.000	0.119	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2089.900	8.562	0.000	10.193	0.000	0.000	0.000	0.000	0.055	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2093.200	8.678	0.000	10.259	0.000	0.000	0.000	0.000	0.041	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2096.500	8.830	0.000	10.311	0.000	0.000	0.000	0.000	0.095	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2110.300	10.311	0.000	10.311	0.000	0.000	0.000	0.000	0.107	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
AS	2286.300	9.123	0.000	9.123	0.000	0.000	0.000	0.000	-0.042	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2291.000	8.924	0.000	9.123	0.000	0.000	0.000	0.000	-0.013	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2313.500	8.760	0.000	9.123	0.000	0.000	0.000	0.000	-0.002	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2321.500	8.858	0.000	9.123	0.000	0.000	0.000	0.000	0.009	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2332.000	8.924	0.000	9.123	0.000	0.000	0.000	0.000	0.015	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2339.400	9.123	0.000	9.123	0.000	0.000	0.000	0.000	0.027	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
AS	2754.000	8.948	0.000	8.948	0.000	0.000	0.000	0.000	-0.115	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	2901.000	-7.929	0.000	8.948	0.000	0.000	0.000	0.000	-0.115	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	2902.000	-8.114	0.000	8.948	0.000	0.000	0.000	0.000	-0.008	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	2937.000	-8.202	0.000	8.948	0.000	0.000	0.000	0.000	0.000	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	2973.000	-8.126	0.000	8.948	0.000	0.000	0.000	0.000	0.020	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	2979.000	-7.363	0.000	8.948	0.000	0.000	0.000	0.000	0.117	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	3060.500	2.087	0.000	8.950	0.000	0.000	0.000	0.000	0.115	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	3077.500	3.957	0.000	8.950	0.000	0.000	0.000	0.000	0.070	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	3093.500	4.383	0.000	8.949	0.000	0.000	0.000	0.000	0.018	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	3109.000	4.514	0.000	8.949	0.000	0.000	0.000	0.000	0.024	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	3123.000	5.105	0.000	8.948	0.000	0.000	0.000	0.000	0.076	0.000

	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	3144.500	7.215	0.000	8.948	0.000	0.000	0.000	0.000	0.091	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	3160.500	8.530	0.000	8.948	0.000	0.000	0.000	0.000	0.047	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	3174.000	8.596	0.000	8.948	0.000	0.000	0.000	0.000	-0.003	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	3226.000	8.333	0.000	8.948	0.000	0.000	0.000	0.000	0.006	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	3235.100	8.948	0.000	8.948	0.000	0.000	0.000	0.000	0.068	0.000

----------END OF TRANSECT----------

NOTE:
SURGE ELEVATION INCLUDES CONTRIBUTIONS FROM ASTRONOMICAL AND STORM TIDES.

1

PART2: CONTROLLING WAVE HEIGHTS, SPECTRAL PEAK WAVE PERIOD, AND WAVE CREST ELEVATIONS

	LOCATION	CONTROLLING WAVE HEIGHT	SPECTRAL PEAK WAVE PERIOD	WAVE CREST ELEVATION
IE	0.00	27.63	14.35	28.17
OF	2.00	27.63	14.35	28.17
OF	3.30	27.63	14.35	28.17
OF	6.60	27.63	14.35	28.17
OF	9.80	27.63	14.35	28.18
OF	13.10	27.63	14.35	28.18
OF	16.40	27.63	14.35	28.18
OF	19.70	27.63	14.35	28.18
OF	23.00	27.63	14.35	28.18
OF	26.20	27.63	14.35	28.18
OF	29.50	27.63	14.35	28.18
OF	32.80	27.63	14.35	28.18
OF	36.10	27.61	14.35	28.17
OF	39.40	27.59	14.35	28.15
OF	42.70	27.56	14.35	28.14
OF	45.90	27.53	14.35	28.12
OF	49.20	27.51	14.35	28.10
OF	52.50	27.48	14.35	28.09
OF	55.80	27.46	14.35	28.07
OF	59.10	27.43	14.35	28.05
OF	62.30	27.41	14.35	28.04
OF	65.60	27.38	14.35	28.02
OF	68.90	27.35	14.35	28.00
OF	72.20	27.33	14.35	27.98
OF	75.50	27.30	14.35	27.97
OF	78.70	27.28	14.35	27.95
OF	82.00	27.25	14.35	27.93
OF	85.30	27.22	14.35	27.91
OF	88.60	27.19	14.35	27.89
OF	91.90	27.15	14.35	27.87
OF	95.10	27.12	14.35	27.85
OF	98.40	27.09	14.35	27.83
OF	101.70	27.06	14.35	27.81
OF	105.00	27.03	14.35	27.78
OF	108.30	27.00	14.35	27.76
OF	111.50	26.97	14.35	27.74
OF	114.80	26.93	14.35	27.72
OF	118.10	26.90	14.35	27.70
OF	121.40	26.87	14.35	27.68
OF	124.70	26.84	14.35	27.66
OF	128.00	26.81	14.35	27.64
OF	131.20	26.78	14.35	27.62
OF	134.50	26.74	14.35	27.60
OF	137.80	26.71	14.35	27.58
OF	141.10	26.68	14.35	27.55
OF	144.40	26.65	14.35	27.53
OF	147.60	26.62	14.35	27.51
OF	150.90	26.59	14.35	27.49
OF	154.20	26.55	14.35	27.47
OF	157.50	26.52	14.35	27.45
OF	160.80	26.49	14.35	27.43
OF	164.00	26.46	14.35	27.41
OF	167.30	26.43	14.35	27.39
OF	170.60	26.40	14.35	27.37
OF	173.90	26.37	14.35	27.35
OF	177.20	26.34	14.35	27.33
OF	180.40	26.31	14.35	27.31
OF	183.70	26.29	14.35	27.30
OF	187.00	26.27	14.35	27.28
OF	190.30	26.24	14.35	27.27
OF	193.60	26.22	14.35	27.25
OF	196.80	26.20	14.35	27.24
OF	200.10	26.17	14.35	27.22
OF	203.40	26.15	14.35	27.21
OF	206.70	26.13	14.35	27.19
OF	210.00	26.10	14.35	27.18
OF	213.30	26.08	14.35	27.16
OF	216.50	26.06	14.35	27.15
OF	219.80	26.03	14.35	27.13
OF	223.10	26.01	14.35	27.12
OF	226.40	25.99	14.35	27.10
OF	229.70	25.96	14.35	27.09
OF	232.90	25.94	14.35	27.07
OF	236.20	25.92	14.35	27.06
OF	239.50	25.89	14.35	27.04
OF	242.80	25.87	14.35	27.03
OF	246.10	25.85	14.35	27.01
OF	249.30	25.82	14.35	27.00
OF	252.60	25.80	14.35	26.98

OF	255.90	25.78	14.35	26.97
OF	259.20	25.75	14.35	26.95
OF	262.50	25.73	14.35	26.94
OF	265.70	25.71	14.35	26.92
OF	269.00	25.68	14.35	26.91
OF	272.30	25.66	14.35	26.89
OF	275.60	25.64	14.35	26.88
OF	278.90	25.61	14.35	26.86
OF	282.20	25.59	14.35	26.85
OF	285.40	25.57	14.35	26.83
OF	288.70	25.54	14.35	26.82
OF	292.00	25.52	14.35	26.80
OF	295.30	25.50	14.35	26.79
OF	298.60	25.47	14.35	26.77
OF	301.80	25.45	14.35	26.76
OF	305.10	25.42	14.35	26.74
OF	308.40	25.40	14.35	26.73
OF	311.70	25.38	14.35	26.71
OF	315.00	25.35	14.35	26.70
OF	318.20	25.33	14.35	26.68
OF	321.50	25.31	14.35	26.66
OF	324.80	25.28	14.35	26.65
OF	328.10	25.26	14.35	26.63
OF	331.40	25.23	14.35	26.62
OF	334.60	25.21	14.35	26.60
OF	337.90	25.18	14.35	26.59
OF	341.20	25.16	14.35	26.57
OF	344.50	25.14	14.35	26.56
OF	347.80	25.12	14.35	26.55
OF	351.00	25.10	14.35	26.53
OF	354.30	25.08	14.35	26.52
OF	357.60	25.06	14.35	26.51
OF	360.90	25.04	14.35	26.49
OF	364.20	25.02	14.35	26.48
OF	367.50	25.00	14.35	26.47
OF	370.70	24.98	14.35	26.45
OF	374.00	24.95	14.35	26.44
OF	377.30	24.93	14.35	26.43
OF	380.60	24.91	14.35	26.41
OF	383.90	24.89	14.35	26.40
OF	387.10	24.87	14.35	26.39
OF	390.40	24.85	14.35	26.37
OF	393.70	24.83	14.35	26.36
OF	397.00	24.81	14.35	26.35
OF	400.30	24.79	14.35	26.33
OF	403.50	24.77	14.35	26.32
OF	406.80	24.74	14.35	26.31
OF	410.10	24.72	14.35	26.29
OF	413.40	24.70	14.35	26.28
OF	416.70	24.68	14.35	26.27
OF	419.90	24.66	14.35	26.25
OF	423.20	24.64	14.35	26.24
OF	426.50	24.62	14.35	26.22
OF	429.80	24.60	14.35	26.21
OF	433.10	24.58	14.35	26.20
OF	436.40	24.55	14.35	26.18
OF	439.60	24.53	14.35	26.17
OF	442.90	24.51	14.35	26.16
OF	446.20	24.49	14.35	26.14
OF	449.50	24.47	14.35	26.13
OF	452.80	24.45	14.35	26.12
OF	456.00	24.43	14.35	26.10
OF	459.30	24.41	14.35	26.09
OF	462.60	24.38	14.35	26.08
OF	465.90	24.36	14.35	26.06
OF	469.20	24.34	14.35	26.05
OF	472.40	24.32	14.35	26.04
OF	475.70	24.30	14.35	26.02
OF	479.00	24.28	14.35	26.01
OF	482.30	24.26	14.35	26.00
OF	485.60	24.24	14.35	25.98
OF	488.80	24.22	14.35	25.97
OF	492.10	24.20	14.35	25.96
OF	495.40	24.17	14.35	25.94
OF	498.70	24.15	14.35	25.93
OF	502.00	24.13	14.35	25.91
OF	505.20	24.11	14.35	25.90
OF	508.50	24.09	14.35	25.89
OF	511.80	24.07	14.35	25.87
OF	515.10	24.04	14.35	25.86
OF	518.40	24.02	14.35	25.84
OF	521.70	24.00	14.35	25.83
OF	524.90	23.98	14.35	25.82
OF	528.20	23.96	14.35	25.80
OF	531.50	23.94	14.35	25.79
OF	534.80	23.92	14.35	25.78
OF	538.10	23.90	14.35	25.76
OF	541.30	23.87	14.35	25.75
OF	544.60	23.85	14.35	25.73
OF	547.90	23.83	14.35	25.72
OF	551.20	23.81	14.35	25.71
OF	554.50	23.79	14.35	25.69
OF	557.70	23.77	14.35	25.68
OF	561.00	23.75	14.35	25.67
OF	564.30	23.72	14.35	25.65
OF	567.60	23.70	14.35	25.64
OF	570.90	23.68	14.35	25.62
OF	574.10	23.66	14.35	25.61
OF	577.40	23.64	14.35	25.60
OF	580.70	23.62	14.35	25.58
OF	584.00	23.60	14.35	25.57
OF	587.30	23.57	14.35	25.55

OF	590.50	23.55	14.35	25.54
OF	593.80	23.53	14.35	25.53
OF	597.10	23.51	14.35	25.51
OF	600.40	23.49	14.35	25.50
OF	603.70	23.46	14.35	25.48
OF	607.00	23.44	14.35	25.47
OF	610.20	23.42	14.35	25.45
OF	613.50	23.40	14.35	25.44
OF	616.80	23.37	14.35	25.43
OF	620.10	23.35	14.35	25.41
OF	623.40	23.33	14.35	25.40
OF	626.60	23.31	14.35	25.38
OF	629.90	23.29	14.35	25.37
OF	633.20	23.26	14.35	25.35
OF	636.50	23.24	14.35	25.34
OF	639.80	23.22	14.35	25.32
OF	643.00	23.19	14.35	25.30
OF	646.30	23.16	14.35	25.28
OF	649.60	23.13	14.35	25.26
OF	652.90	23.10	14.35	25.24
OF	656.20	23.07	14.35	25.22
OF	659.40	23.04	14.35	25.20
OF	662.70	23.01	14.35	25.18
OF	666.00	22.98	14.35	25.16
OF	669.30	22.95	14.35	25.14
OF	672.60	22.92	14.35	25.13
OF	675.90	22.89	14.35	25.11
OF	679.10	22.86	14.35	25.09
OF	682.40	22.83	14.35	25.07
OF	685.70	22.80	14.35	25.05
OF	689.00	22.77	14.35	25.03
OF	692.30	22.74	14.35	25.01
OF	695.50	22.71	14.35	24.99
OF	698.80	22.68	14.35	24.97
OF	702.10	22.66	14.35	24.95
OF	705.40	22.63	14.35	24.93
OF	708.70	22.60	14.35	24.91
OF	711.90	22.58	14.35	24.90
OF	715.20	22.55	14.35	24.88
OF	718.50	22.53	14.35	24.86
OF	721.80	22.50	14.35	24.85
OF	725.10	22.47	14.35	24.83
OF	728.30	22.45	14.35	24.81
OF	731.60	22.42	14.35	24.80
OF	734.90	22.40	14.35	24.78
OF	738.20	22.37	14.35	24.76
OF	741.50	22.34	14.35	24.74
OF	744.70	22.32	14.35	24.73
OF	748.00	22.29	14.35	24.71
OF	751.30	22.27	14.35	24.69
OF	754.60	22.24	14.35	24.68
OF	757.90	22.21	14.35	24.66
OF	761.20	22.19	14.35	24.64
OF	764.40	22.16	14.35	24.62
OF	767.70	22.14	14.35	24.61
OF	771.00	22.11	14.35	24.59
OF	774.30	22.09	14.35	24.58
OF	777.60	22.07	14.35	24.56
OF	780.80	22.05	14.35	24.55
OF	784.10	22.03	14.35	24.54
OF	787.40	22.01	14.35	24.52
OF	790.70	21.98	14.35	24.51
OF	794.00	21.96	14.35	24.50
OF	797.20	21.94	14.35	24.48
OF	800.50	21.92	14.35	24.47
OF	803.80	21.90	14.35	24.45
OF	807.10	21.88	14.35	24.44
OF	810.40	21.86	14.35	24.43
OF	813.60	21.84	14.35	24.41
OF	816.90	21.82	14.35	24.40
OF	820.20	21.79	14.35	24.39
OF	823.50	21.77	14.35	24.37
OF	826.80	21.75	14.35	24.35
OF	830.10	21.72	14.35	24.34
OF	833.30	21.70	14.35	24.32
OF	836.60	21.68	14.35	24.31
OF	839.90	21.65	14.35	24.29
OF	843.20	21.63	14.35	24.28
OF	846.50	21.60	14.35	24.26
OF	849.70	21.58	14.35	24.25
OF	853.00	21.56	14.35	24.23
OF	856.30	21.53	14.35	24.21
OF	859.60	21.51	14.35	24.20
OF	862.90	21.49	14.35	24.18
OF	866.10	21.46	14.35	24.17
OF	869.40	21.44	14.35	24.15
OF	872.70	21.42	14.35	24.14
OF	876.00	21.39	14.35	24.12
OF	879.30	21.37	14.35	24.11
OF	882.50	21.34	14.35	24.09
OF	885.80	21.32	14.35	24.07
OF	889.10	21.30	14.35	24.06
OF	892.40	21.27	14.35	24.04
OF	895.70	21.25	14.35	24.03
OF	898.90	21.23	14.35	24.01
OF	902.20	21.20	14.35	24.00
OF	905.50	21.17	14.35	23.97
OF	908.80	21.13	14.35	23.95
OF	912.10	21.10	14.35	23.93
OF	915.40	21.07	14.35	23.91
OF	918.60	21.04	14.35	23.89
OF	921.90	21.01	14.35	23.86

OF	925.20	20.97	14.35	23.84
OF	928.50	20.94	14.35	23.82
OF	931.80	20.91	14.35	23.80
OF	935.00	20.88	14.35	23.78
OF	938.30	20.84	14.35	23.76
OF	941.60	20.81	14.35	23.73
OF	944.90	20.78	14.35	23.71
OF	948.20	20.75	14.35	23.69
OF	951.40	20.71	14.35	23.67
OF	954.70	20.68	14.35	23.65
OF	958.00	20.65	14.35	23.63
OF	961.30	20.62	14.35	23.60
OF	964.60	20.59	14.35	23.58
OF	967.80	20.55	14.35	23.56
OF	971.10	20.52	14.35	23.54
OF	974.40	20.49	14.35	23.52
OF	977.70	20.45	14.35	23.49
OF	981.00	20.42	14.35	23.47
OF	984.20	20.38	14.35	23.44
OF	987.50	20.35	14.35	23.42
OF	990.80	20.31	14.35	23.40
OF	994.10	20.28	14.35	23.38
OF	997.40	20.24	14.35	23.35
OF	1000.70	20.21	14.35	23.33
OF	1003.90	20.17	14.35	23.30
OF	1007.20	20.14	14.35	23.28
OF	1010.50	20.10	14.35	23.26
OF	1013.80	20.07	14.35	23.23
OF	1017.10	20.03	14.35	23.21
OF	1020.30	19.99	14.35	23.18
OF	1023.60	19.96	14.35	23.16
OF	1026.90	19.92	14.35	23.13
OF	1030.20	19.88	14.35	23.11
OF	1033.50	19.84	14.35	23.08
OF	1036.70	19.81	14.35	23.06
OF	1040.00	19.77	14.35	23.03
OF	1043.30	19.73	14.35	23.01
OF	1046.60	19.69	14.35	22.98
OF	1049.90	19.66	14.35	22.96
OF	1053.10	19.62	14.35	22.93
OF	1056.40	19.58	14.35	22.91
OF	1059.70	19.54	14.35	22.88
OF	1063.00	19.51	14.35	22.85
OF	1066.30	19.47	14.35	22.83
OF	1069.60	19.43	14.35	22.80
OF	1072.80	19.39	14.35	22.78
OF	1076.10	19.36	14.35	22.75
OF	1079.40	19.32	14.35	22.73
OF	1082.70	19.28	14.35	22.70
OF	1086.00	19.24	14.35	22.68
OF	1089.20	19.20	14.35	22.65
OF	1092.50	19.17	14.35	22.63
OF	1095.80	19.13	14.35	22.60
OF	1099.10	19.09	14.35	22.58
OF	1102.40	19.05	14.35	22.55
OF	1105.60	19.02	14.35	22.53
OF	1108.90	18.98	14.35	22.50
OF	1112.20	18.94	14.35	22.48
OF	1115.50	18.90	14.35	22.45
OF	1118.80	18.87	14.35	22.43
OF	1122.00	18.83	14.35	22.40
OF	1125.30	18.79	14.35	22.38
OF	1128.60	18.75	14.35	22.35
OF	1131.90	18.71	14.35	22.33
OF	1135.20	18.68	14.35	22.30
OF	1138.40	18.64	14.35	22.28
OF	1141.70	18.60	14.35	22.25
OF	1145.00	18.55	14.35	22.21
OF	1148.30	18.50	14.35	22.18
OF	1151.60	18.44	14.35	22.14
OF	1154.90	18.39	14.35	22.11
OF	1158.10	18.34	14.35	22.07
OF	1161.40	18.29	14.35	22.04
OF	1164.70	18.24	14.35	22.00
OF	1168.00	18.18	14.35	21.97
OF	1171.30	18.13	14.35	21.93
OF	1174.50	18.08	14.35	21.90
OF	1177.80	18.03	14.35	21.86
OF	1181.10	17.97	14.35	21.83
OF	1184.40	17.92	14.35	21.79
OF	1187.70	17.87	14.35	21.76
OF	1190.90	17.82	14.35	21.72
OF	1194.20	17.76	14.35	21.69
OF	1197.50	17.71	14.35	21.65
OF	1200.80	17.66	14.35	21.61
OF	1204.10	17.61	14.35	21.58
OF	1207.30	17.56	14.35	21.55
OF	1210.60	17.50	14.35	21.51
OF	1213.90	17.45	14.35	21.48
OF	1217.20	17.40	14.35	21.44
OF	1220.50	17.35	14.35	21.40
OF	1223.80	17.30	14.35	21.37
OF	1227.00	17.24	14.35	21.33
OF	1230.30	17.19	14.35	21.30
OF	1233.60	17.14	14.35	21.26
OF	1236.90	17.09	14.35	21.23
OF	1240.20	17.03	14.35	21.20
OF	1243.40	16.98	14.35	21.16
OF	1246.70	16.93	14.35	21.13
OF	1250.00	16.88	14.35	21.09
OF	1253.30	16.83	14.35	21.06
OF	1256.60	16.77	14.35	21.02

OF	1259.80	16.73	14.35	20.99
OF	1263.10	16.68	14.35	20.96
OF	1266.40	16.63	14.35	20.93
OF	1269.70	16.58	14.35	20.90
OF	1273.00	16.54	14.35	20.87
OF	1276.20	16.49	14.35	20.83
OF	1279.50	16.44	14.35	20.80
OF	1282.80	16.39	14.35	20.77
OF	1286.10	16.35	14.35	20.74
OF	1289.40	16.30	14.35	20.71
OF	1292.60	16.26	14.35	20.68
OF	1295.90	16.21	14.35	20.65
OF	1299.20	16.17	14.35	20.62
OF	1302.50	16.12	14.35	20.59
OF	1305.80	16.08	14.35	20.57
OF	1309.10	16.04	14.35	20.54
OF	1312.30	15.99	14.35	20.51
OF	1315.60	15.95	14.35	20.48
OF	1318.90	15.90	14.35	20.45
OF	1322.20	15.86	14.35	20.42
OF	1325.50	15.81	14.35	20.39
OF	1328.70	15.77	14.35	20.36
OF	1332.00	15.73	14.35	20.34
OF	1335.30	15.68	14.35	20.31
OF	1338.60	15.64	14.35	20.28
OF	1341.90	15.59	14.35	20.25
OF	1345.10	15.55	14.35	20.22
OF	1348.40	15.50	14.35	20.19
OF	1351.70	15.46	14.35	20.16
OF	1355.00	15.42	14.35	20.13
OF	1358.30	15.37	14.35	20.10
OF	1361.50	15.33	14.35	20.08
OF	1364.80	15.28	14.35	20.05
OF	1368.10	15.24	14.35	20.02
OF	1371.40	15.19	14.35	19.99
OF	1374.70	15.15	14.35	19.96
OF	1377.90	15.11	14.35	19.93
OF	1381.20	15.07	14.35	19.91
OF	1384.50	15.03	14.35	19.88
OF	1387.80	14.99	14.35	19.86
OF	1391.10	14.96	14.35	19.83
OF	1394.40	14.92	14.35	19.81
OF	1397.60	14.88	14.35	19.79
OF	1400.90	14.84	14.35	19.76
OF	1404.20	14.81	14.35	19.74
OF	1407.50	14.77	14.35	19.72
OF	1410.80	14.73	14.35	19.69
OF	1414.00	14.69	14.35	19.67
OF	1417.30	14.66	14.35	19.64
OF	1420.60	14.62	14.35	19.62
OF	1423.90	14.58	14.35	19.59
OF	1427.20	14.54	14.35	19.57
OF	1430.40	14.51	14.35	19.55
OF	1433.70	14.47	14.35	19.52
OF	1437.00	14.43	14.35	19.50
OF	1440.30	14.39	14.35	19.47
OF	1443.60	14.35	14.35	19.45
OF	1446.80	14.32	14.35	19.43
OF	1450.10	14.28	14.35	19.40
OF	1453.40	14.24	14.35	19.38
OF	1456.70	14.20	14.35	19.35
OF	1460.00	14.17	14.35	19.33
OF	1463.30	14.13	14.35	19.30
OF	1466.50	14.09	14.35	19.28
OF	1469.80	14.05	14.35	19.25
OF	1473.10	14.02	14.35	19.23
OF	1476.40	13.97	14.35	19.20
OF	1479.70	13.92	14.35	19.17
OF	1482.90	13.87	14.35	19.13
OF	1486.20	13.81	14.35	19.10
OF	1489.50	13.76	14.35	19.06
OF	1492.80	13.70	14.35	19.02
OF	1496.10	13.65	14.35	18.99
OF	1499.30	13.59	14.35	18.95
OF	1502.60	13.54	14.35	18.92
OF	1505.90	13.49	14.35	18.88
OF	1509.20	13.43	14.35	18.84
OF	1512.50	13.38	14.35	18.81
OF	1515.70	13.32	14.35	18.77
OF	1519.00	13.26	14.35	18.73
OF	1522.30	13.20	14.35	18.69
OF	1525.60	13.14	14.35	18.65
OF	1528.90	13.08	14.35	18.61
OF	1532.10	13.02	14.35	18.57
OF	1535.40	12.96	14.35	18.53
OF	1538.70	12.90	14.35	18.49
OF	1542.00	12.83	14.35	18.45
OF	1545.30	12.77	14.35	18.41
OF	1548.60	12.71	14.35	18.37
OF	1551.80	12.65	14.35	18.32
OF	1555.10	12.59	14.35	18.29
OF	1558.40	12.53	14.35	18.25
OF	1561.70	12.47	14.35	18.20
OF	1565.00	12.41	14.35	18.17
OF	1568.20	12.35	14.35	18.12
OF	1571.50	12.29	14.35	18.08
OF	1574.80	12.23	14.35	18.05
OF	1578.10	12.17	14.35	18.00
OF	1581.40	12.11	14.35	17.97
OF	1584.60	12.05	14.35	17.92
OF	1587.90	11.99	14.35	17.89
OF	1591.20	11.92	14.35	17.84

OF	1594.50	11.86	14.35	17.81
OF	1597.80	11.80	14.35	17.76
OF	1601.00	11.74	14.35	17.72
OF	1604.30	11.68	14.35	17.68
OF	1607.60	11.62	14.35	17.64
OF	1610.90	11.56	14.35	17.60
OF	1614.20	11.50	14.35	17.56
OF	1617.50	11.44	14.35	17.52
OF	1620.70	11.38	14.35	17.48
OF	1624.00	11.32	14.35	17.44
OF	1627.30	11.25	14.35	17.40
OF	1630.60	11.19	14.35	17.36
OF	1633.90	11.13	14.35	17.32
OF	1637.10	11.07	14.35	17.29
OF	1640.40	11.01	14.35	17.24
OF	1643.70	10.95	14.35	17.20
OF	1647.00	10.89	14.35	17.16
OF	1650.30	10.83	14.35	17.13
OF	1653.50	10.77	14.35	17.09
OF	1656.80	10.71	14.35	17.05
OF	1660.10	10.65	14.35	17.01
OF	1663.40	10.60	14.35	16.97
OF	1666.70	10.54	14.35	16.94
OF	1669.90	10.48	14.35	16.90
OF	1673.20	10.42	14.35	16.86
OF	1676.50	10.37	14.35	16.83
OF	1679.80	10.31	14.35	16.79
OF	1683.10	10.25	14.35	16.75
OF	1686.30	10.20	14.35	16.72
OF	1689.60	10.15	14.35	16.69
OF	1692.90	10.10	14.35	16.66
OF	1696.20	10.06	14.35	16.63
OF	1699.50	10.01	14.35	16.60
OF	1702.80	9.96	14.35	16.57
OF	1706.00	9.92	14.35	16.54
OF	1709.30	9.87	14.35	16.51
OF	1712.60	9.82	14.35	16.48
OF	1715.90	9.78	14.35	16.45
OF	1719.20	9.73	14.35	16.42
OF	1722.40	9.69	14.35	16.39
OF	1725.70	9.64	14.35	16.36
OF	1729.00	9.59	14.35	16.33
OF	1732.30	9.55	14.35	16.30
OF	1735.60	9.50	14.35	16.27
OF	1738.80	9.45	14.35	16.24
OF	1742.10	9.41	14.35	16.22
OF	1745.40	9.36	14.35	16.19
OF	1748.70	9.31	14.35	16.16
OF	1752.00	9.27	14.35	16.13
OF	1755.20	9.22	14.35	16.10
OF	1758.50	9.17	14.35	16.07
OF	1761.80	9.13	14.35	16.04
OF	1765.10	9.08	14.35	16.01
OF	1768.40	9.03	14.35	15.98
OF	1771.60	8.99	14.35	15.95
OF	1774.90	8.93	14.35	15.92
OF	1778.20	8.88	14.35	15.88
OF	1781.50	8.82	14.35	15.84
OF	1784.80	8.77	14.35	15.81
OF	1788.10	8.72	14.35	15.78
OF	1791.30	8.67	14.35	15.75
OF	1794.60	8.63	14.35	15.72
OF	1797.90	8.58	14.35	15.69
OF	1801.20	8.53	14.35	15.66
OF	1804.50	8.49	14.35	15.63
OF	1807.70	8.44	14.35	15.60
OF	1811.00	8.39	14.35	15.57
OF	1814.30	8.34	14.35	15.54
OF	1817.60	8.29	14.35	15.51
OF	1820.90	8.25	14.35	15.48
OF	1824.10	8.20	14.35	15.44
OF	1827.40	8.15	14.35	15.41
OF	1830.70	8.10	14.35	15.38
OF	1834.00	8.05	14.35	15.35
OF	1837.30	8.00	14.35	15.32
OF	1840.50	7.95	14.35	15.29
OF	1843.80	7.90	14.35	15.26
OF	1847.10	7.85	14.35	15.23
OF	1850.40	7.81	14.35	15.19
OF	1853.70	7.76	14.35	15.16
OF	1857.00	7.71	14.35	15.13
OF	1860.20	7.66	14.35	15.10
OF	1863.50	7.61	14.35	15.07
OF	1866.80	7.56	14.35	15.04
OF	1870.10	7.51	14.35	15.01
IF	1873.40	7.44	14.35	14.96
IF	1876.60	7.38	14.35	14.92
IF	1879.90	7.33	14.35	14.89
IF	1883.20	7.28	14.35	14.86
IF	1886.50	7.22	14.35	14.82
IF	1889.80	7.18	14.35	14.79
IF	1893.00	7.15	14.35	14.78
IF	1896.30	7.12	14.35	14.76
IF	1899.60	7.08	14.35	14.73
IF	1902.90	7.03	14.35	14.70
IF	1906.20	6.97	14.35	14.66
IF	1909.40	6.90	14.35	14.62
IF	1912.70	6.83	14.35	14.57
IF	1916.00	6.75	14.35	14.52
IF	1919.30	6.69	14.35	14.48
IF	1922.60	6.63	14.35	14.44
IF	1925.80	6.57	14.35	14.40

IF	1929.10	6.52	14.35	14.36
IF	1932.40	6.48	14.35	14.34
IF	1935.70	6.44	14.35	14.31
IF	1939.00	6.41	14.35	14.30
IF	1942.30	6.39	14.35	14.29
IF	1945.50	6.35	14.35	14.26
IF	1948.80	6.26	14.35	14.21
IF	1952.10	6.18	14.35	14.15
IF	1955.40	6.10	14.35	14.09
IF	1958.70	6.02	14.35	14.04
IF	1961.90	5.96	14.35	14.01
IF	1965.20	5.93	14.35	13.98
IF	1968.50	5.89	14.35	13.96
IF	1971.80	5.85	14.35	13.94
IF	1975.10	5.80	14.35	13.91
IF	1978.30	5.73	14.35	13.86
IF	1981.60	5.66	14.35	13.81
IF	1984.90	5.59	14.35	13.76
IF	1988.20	5.51	14.35	13.72
IF	1991.50	5.44	14.35	13.67
IF	1994.70	5.36	14.35	13.62
IF	1998.00	5.28	14.35	13.57
IF	2001.30	5.21	14.35	13.52
IF	2004.60	5.14	14.35	13.47
IF	2007.90	5.07	14.35	13.43
IF	2011.20	5.01	14.35	13.39
IF	2014.40	4.94	14.35	13.35
IF	2017.70	4.85	14.35	13.29
IF	2021.00	4.76	14.35	13.23
IF	2024.30	4.67	14.35	13.17
IF	2027.60	4.58	14.35	13.11
IF	2030.80	4.54	14.35	13.09
IF	2034.10	4.49	14.35	13.06
IF	2037.40	4.41	14.35	13.01
IF	2040.70	4.31	14.35	12.94
IF	2044.00	4.13	14.35	12.81
IF	2047.20	3.94	14.35	12.69
IF	2050.50	3.76	14.35	12.56
IF	2053.80	3.68	14.35	12.52
IF	2057.10	3.62	14.35	12.49
IF	2060.40	3.51	14.35	12.42
IF	2063.60	3.03	14.35	12.08
IF	2066.90	2.88	14.35	11.99
IF	2070.20	2.74	14.35	11.91
IF	2073.50	2.61	14.35	11.84
IF	2076.80	2.44	14.35	11.73
IF	2080.00	2.20	14.35	11.59
IF	2083.30	1.79	14.35	11.34
IF	2086.60	1.42	14.35	11.13
IF	2089.90	1.27	14.35	11.08
IF	2093.20	1.23	14.35	11.12
IF	2096.50	1.15	14.35	11.12
IF	2110.30	0.01	14.35	10.32
AS	2286.30	0.00	0.00	9.12
IF	2291.00	0.04	0.24	9.15
IF	2313.50	0.13	0.42	9.21
IF	2321.50	0.13	0.46	9.21
IF	2332.00	0.12	0.50	9.21
IF	2339.40	0.01	0.53	9.13
AS	2754.00	0.00	0.00	8.95
OF	2901.00	0.40	0.74	9.23
OF	2902.00	0.40	0.74	9.23
OF	2937.00	0.46	0.80	9.27
OF	2973.00	0.52	0.85	9.31
OF	2979.00	0.53	0.85	9.32
IF	3060.50	0.65	0.95	9.41
IF	3077.50	0.68	0.96	9.42
IF	3093.50	0.70	0.98	9.44
IF	3109.00	0.72	0.99	9.45
IF	3123.00	0.74	1.01	9.47
IF	3144.50	0.71	1.02	9.45
IF	3160.50	0.29	1.04	9.15
IF	3174.00	0.25	1.05	9.12
IF	3226.00	0.40	1.09	9.23
IF	3235.10	0.01	1.10	8.95

PART3 LOCATION OF AREAS ABOVE 100-YEAR SURGE

BETWEEN 2110.30 AND 2286.30

BETWEEN 2339.40 AND 2754.00

PART4 LOCATION OF SURGE CHANGES

STATION	10-YEAR SURGE	100-YEAR SURGE
3.30	1.00	8.83
6.60	1.00	8.83
9.80	1.00	8.83
13.10	1.00	8.84
16.40	1.00	8.84
19.70	1.00	8.84
23.00	1.00	8.84
26.20	1.00	8.84
29.50	1.00	8.84
32.80	1.00	8.84
36.10	1.00	8.84
39.40	1.00	8.84
42.70	1.00	8.85
45.90	1.00	8.85
49.20	1.00	8.85
52.50	1.00	8.85
55.80	1.00	8.85
59.10	1.00	8.85
62.30	1.00	8.85
65.60	1.00	8.85
68.90	1.00	8.85
72.20	1.00	8.85

75.50	1.00	8.85
78.70	1.00	8.86
82.00	1.00	8.86
85.30	1.00	8.86
88.60	1.00	8.86
91.90	1.00	8.86
95.10	1.00	8.86
98.40	1.00	8.86
101.70	1.00	8.86
105.00	1.00	8.86
108.30	1.00	8.87
111.50	1.00	8.87
114.80	1.00	8.87
118.10	1.00	8.87
121.40	1.00	8.87
124.70	1.00	8.87
128.00	1.00	8.87
131.20	1.00	8.88
134.50	1.00	8.88
137.80	1.00	8.88
141.10	1.00	8.88
144.40	1.00	8.88
147.60	1.00	8.88
150.90	1.00	8.88
154.20	1.00	8.88
157.50	1.00	8.88
160.80	1.00	8.89
164.00	1.00	8.89
167.30	1.00	8.89
170.60	1.00	8.89
173.90	1.00	8.89
177.20	1.00	8.89
180.40	1.00	8.89
183.70	1.00	8.89
187.00	1.00	8.90
190.30	1.00	8.90
193.60	1.00	8.90
196.80	1.00	8.90
200.10	1.00	8.90
203.40	1.00	8.90
206.70	1.00	8.90
210.00	1.00	8.90
213.30	1.00	8.91
216.50	1.00	8.91
219.80	1.00	8.91
223.10	1.00	8.91
226.40	1.00	8.91
229.70	1.00	8.91
232.90	1.00	8.91
236.20	1.00	8.92
239.50	1.00	8.92
242.80	1.00	8.92
246.10	1.00	8.92
249.30	1.00	8.92
252.60	1.00	8.92
255.90	1.00	8.92
259.20	1.00	8.93
262.50	1.00	8.93
265.70	1.00	8.93
269.00	1.00	8.93
272.30	1.00	8.93
275.60	1.00	8.93
278.90	1.00	8.93
282.20	1.00	8.94
285.40	1.00	8.94
288.70	1.00	8.94
292.00	1.00	8.94
295.30	1.00	8.94
298.60	1.00	8.94
301.80	1.00	8.94
305.10	1.00	8.94
308.40	1.00	8.95
311.70	1.00	8.95
315.00	1.00	8.95
318.20	1.00	8.95
321.50	1.00	8.95
324.80	1.00	8.95
328.10	1.00	8.95
331.40	1.00	8.95
334.60	1.00	8.96
337.90	1.00	8.96
341.20	1.00	8.96
344.50	1.00	8.96
347.80	1.00	8.96
351.00	1.00	8.96
354.30	1.00	8.97
357.60	1.00	8.97
360.90	1.00	8.97
364.20	1.00	8.97
367.50	1.00	8.97
370.70	1.00	8.97
374.00	1.00	8.97
377.30	1.00	8.97
380.60	1.00	8.98
383.90	1.00	8.98
387.10	1.00	8.98
390.40	1.00	8.98
393.70	1.00	8.98
397.00	1.00	8.98
400.30	1.00	8.98
403.50	1.00	8.98
406.80	1.00	8.99

410.10	1.00	8.99
413.40	1.00	8.99
416.70	1.00	8.99
419.90	1.00	8.99
423.20	1.00	8.99
426.50	1.00	8.99
429.80	1.00	8.99
433.10	1.00	9.00
436.40	1.00	9.00
439.60	1.00	9.00
442.90	1.00	9.00
446.20	1.00	9.00
449.50	1.00	9.00
452.80	1.00	9.00
456.00	1.00	9.01
459.30	1.00	9.01
462.60	1.00	9.01
465.90	1.00	9.01
469.20	1.00	9.01
472.40	1.00	9.01
475.70	1.00	9.01
479.00	1.00	9.01
482.30	1.00	9.02
485.60	1.00	9.02
488.80	1.00	9.02
492.10	1.00	9.02
495.40	1.00	9.02
498.70	1.00	9.02
502.00	1.00	9.02
505.20	1.00	9.02
508.50	1.00	9.02
511.80	1.00	9.03
515.10	1.00	9.03
518.40	1.00	9.03
521.70	1.00	9.03
524.90	1.00	9.03
528.20	1.00	9.03
531.50	1.00	9.03
534.80	1.00	9.03
538.10	1.00	9.03
541.30	1.00	9.04
544.60	1.00	9.04
547.90	1.00	9.04
551.20	1.00	9.04
554.50	1.00	9.04
557.70	1.00	9.04
561.00	1.00	9.04
564.30	1.00	9.05
567.60	1.00	9.05
570.90	1.00	9.05
574.10	1.00	9.05
577.40	1.00	9.05
580.70	1.00	9.05
584.00	1.00	9.05
587.30	1.00	9.05
590.50	1.00	9.05
593.80	1.00	9.06
597.10	1.00	9.06
600.40	1.00	9.06
603.70	1.00	9.06
607.00	1.00	9.06
610.20	1.00	9.06
613.50	1.00	9.06
616.80	1.00	9.06
620.10	1.00	9.06
623.40	1.00	9.06
626.60	1.00	9.07
629.90	1.00	9.07
633.20	1.00	9.07
636.50	1.00	9.07
639.80	1.00	9.07
643.00	1.00	9.07
646.30	1.00	9.07
649.60	1.00	9.07
652.90	1.00	9.07
656.20	1.00	9.08
659.40	1.00	9.08
662.70	1.00	9.08
666.00	1.00	9.08
669.30	1.00	9.08
672.60	1.00	9.08
675.90	1.00	9.08
679.10	1.00	9.08
682.40	1.00	9.08
685.70	1.00	9.09
689.00	1.00	9.09
692.30	1.00	9.09
695.50	1.00	9.09
698.80	1.00	9.09
702.10	1.00	9.09
705.40	1.00	9.09
711.90	1.00	9.09
715.20	1.00	9.10
718.50	1.00	9.10
721.80	1.00	9.10
725.10	1.00	9.10
728.30	1.00	9.10
731.60	1.00	9.10
734.90	1.00	9.10
738.20	1.00	9.10
741.50	1.00	9.10
744.70	1.00	9.10

748.00	1.00	9.11
751.30	1.00	9.11
754.60	1.00	9.11
757.90	1.00	9.11
761.20	1.00	9.11
764.40	1.00	9.11
767.70	1.00	9.11
771.00	1.00	9.11
774.30	1.00	9.11
777.60	1.00	9.11
780.80	1.00	9.12
784.10	1.00	9.12
787.40	1.00	9.12
790.70	1.00	9.12
794.00	1.00	9.12
797.20	1.00	9.12
800.50	1.00	9.12
803.80	1.00	9.12
807.10	1.00	9.12
810.40	1.00	9.13
816.90	1.00	9.13
820.20	1.00	9.13
823.50	1.00	9.13
826.80	1.00	9.13
830.10	1.00	9.13
833.30	1.00	9.13
836.60	1.00	9.14
839.90	1.00	9.14
843.20	1.00	9.14
846.50	1.00	9.14
849.70	1.00	9.14
853.00	1.00	9.14
856.30	1.00	9.14
859.60	1.00	9.14
862.90	1.00	9.14
866.10	1.00	9.14
869.40	1.00	9.15
872.70	1.00	9.15
876.00	1.00	9.15
879.30	1.00	9.15
882.50	1.00	9.15
885.80	1.00	9.15
889.10	1.00	9.15
892.40	1.00	9.15
895.70	1.00	9.15
898.90	1.00	9.15
902.20	1.00	9.15
905.50	1.00	9.16
912.10	1.00	9.16
918.60	1.00	9.16
921.90	1.00	9.16
925.20	1.00	9.16
928.50	1.00	9.16
931.80	1.00	9.16
935.00	1.00	9.16
938.30	1.00	9.16
941.60	1.00	9.17
944.90	1.00	9.17
951.40	1.00	9.17
954.70	1.00	9.17
958.00	1.00	9.17
961.30	1.00	9.17
964.60	1.00	9.17
967.80	1.00	9.17
971.10	1.00	9.17
974.40	1.00	9.18
977.70	1.00	9.18
981.00	1.00	9.18
987.50	1.00	9.18
994.10	1.00	9.18
1000.70	1.00	9.18
1003.90	1.00	9.18
1007.20	1.00	9.18
1010.50	1.00	9.19
1013.80	1.00	9.19
1017.10	1.00	9.19
1020.30	1.00	9.19
1023.60	1.00	9.19
1026.90	1.00	9.19
1030.20	1.00	9.19
1033.50	1.00	9.19
1036.70	1.00	9.19
1040.00	1.00	9.19
1043.30	1.00	9.19
1046.60	1.00	9.20
1049.90	1.00	9.20
1053.10	1.00	9.20
1056.40	1.00	9.20
1059.70	1.00	9.20
1063.00	1.00	9.20
1066.30	1.00	9.20
1072.80	1.00	9.20
1076.10	1.00	9.21
1079.40	1.00	9.21
1082.70	1.00	9.21
1086.00	1.00	9.21
1089.20	1.00	9.21
1092.50	1.00	9.21
1095.80	1.00	9.21
1099.10	1.00	9.21
1102.40	1.00	9.22
1105.60	1.00	9.22

1108.90	1.00	9.22
1112.20	1.00	9.22
1115.50	1.00	9.22
1118.80	1.00	9.22
1122.00	1.00	9.22
1125.30	1.00	9.22
1128.60	1.00	9.22
1131.90	1.00	9.23
1135.20	1.00	9.23
1138.40	1.00	9.23
1141.70	1.00	9.23
1145.00	1.00	9.23
1148.30	1.00	9.23
1151.60	1.00	9.23
1154.90	1.00	9.23
1158.10	1.00	9.23
1161.40	1.00	9.24
1164.70	1.00	9.24
1168.00	1.00	9.24
1171.30	1.00	9.24
1174.50	1.00	9.24
1177.80	1.00	9.24
1181.10	1.00	9.24
1184.40	1.00	9.25
1187.70	1.00	9.25
1190.90	1.00	9.25
1194.20	1.00	9.25
1197.50	1.00	9.25
1200.80	1.00	9.25
1204.10	1.00	9.25
1207.30	1.00	9.26
1210.60	1.00	9.26
1213.90	1.00	9.26
1217.20	1.00	9.26
1220.50	1.00	9.26
1223.80	1.00	9.26
1227.00	1.00	9.27
1230.30	1.00	9.27
1233.60	1.00	9.27
1236.90	1.00	9.27
1240.20	1.00	9.27
1243.40	1.00	9.27
1246.70	1.00	9.27
1250.00	1.00	9.28
1253.30	1.00	9.28
1256.60	1.00	9.28
1259.80	1.00	9.28
1263.10	1.00	9.28
1266.40	1.00	9.29
1269.70	1.00	9.29
1273.00	1.00	9.29
1276.20	1.00	9.29
1279.50	1.00	9.29
1282.80	1.00	9.30
1286.10	1.00	9.30
1289.40	1.00	9.30
1292.60	1.00	9.30
1295.90	1.00	9.30
1299.20	1.00	9.31
1302.50	1.00	9.31
1305.80	1.00	9.31
1309.10	1.00	9.31
1312.30	1.00	9.31
1315.60	1.00	9.32
1318.90	1.00	9.32
1322.20	1.00	9.32
1325.50	1.00	9.32
1328.70	1.00	9.32
1332.00	1.00	9.33
1335.30	1.00	9.33
1338.60	1.00	9.33
1341.90	1.00	9.33
1345.10	1.00	9.34
1348.40	1.00	9.34
1351.70	1.00	9.34
1355.00	1.00	9.34
1358.30	1.00	9.34
1361.50	1.00	9.35
1364.80	1.00	9.35
1368.10	1.00	9.35
1371.40	1.00	9.35
1374.70	1.00	9.35
1377.90	1.00	9.36
1381.20	1.00	9.36
1384.50	1.00	9.36
1387.80	1.00	9.36
1391.10	1.00	9.36
1394.40	1.00	9.37
1397.60	1.00	9.37
1400.90	1.00	9.37
1404.20	1.00	9.37
1407.50	1.00	9.38
1410.80	1.00	9.38
1414.00	1.00	9.38
1417.30	1.00	9.38
1420.60	1.00	9.39
1423.90	1.00	9.39
1427.20	1.00	9.39
1430.40	1.00	9.39
1433.70	1.00	9.39
1437.00	1.00	9.40
1440.30	1.00	9.40

1443.60	1.00	9.40
1446.80	1.00	9.40
1450.10	1.00	9.40
1453.40	1.00	9.41
1456.70	1.00	9.41
1460.00	1.00	9.41
1463.30	1.00	9.41
1466.50	1.00	9.41
1469.80	1.00	9.42
1473.10	1.00	9.42
1476.40	1.00	9.42
1479.70	1.00	9.42
1482.90	1.00	9.43
1486.20	1.00	9.43
1489.50	1.00	9.43
1492.80	1.00	9.43
1496.10	1.00	9.43
1499.30	1.00	9.44
1502.60	1.00	9.44
1505.90	1.00	9.44
1509.20	1.00	9.44
1512.50	1.00	9.44
1515.70	1.00	9.44
1519.00	1.00	9.45
1522.30	1.00	9.45
1525.60	1.00	9.45
1528.90	1.00	9.45
1532.10	1.00	9.45
1535.40	1.00	9.46
1538.70	1.00	9.46
1542.00	1.00	9.46
1545.30	1.00	9.46
1548.60	1.00	9.47
1551.80	1.00	9.47
1555.10	1.00	9.47
1558.40	1.00	9.47
1561.70	1.00	9.48
1565.00	1.00	9.48
1568.20	1.00	9.48
1571.50	1.00	9.48
1574.80	1.00	9.48
1578.10	1.00	9.49
1581.40	1.00	9.49
1584.60	1.00	9.49
1587.90	1.00	9.49
1591.20	1.00	9.50
1594.50	1.00	9.50
1597.80	1.00	9.50
1601.00	1.00	9.51
1604.30	1.00	9.51
1607.60	1.00	9.51
1610.90	1.00	9.51
1614.20	1.00	9.52
1617.50	1.00	9.52
1620.70	1.00	9.52
1624.00	1.00	9.52
1627.30	1.00	9.53
1630.60	1.00	9.53
1633.90	1.00	9.53
1637.10	1.00	9.53
1640.40	1.00	9.54
1643.70	1.00	9.54
1647.00	1.00	9.54
1650.30	1.00	9.55
1653.50	1.00	9.55
1656.80	1.00	9.55
1660.10	1.00	9.56
1663.40	1.00	9.56
1666.70	1.00	9.56
1669.90	1.00	9.56
1673.20	1.00	9.57
1676.50	1.00	9.57
1679.80	1.00	9.57
1683.10	1.00	9.57
1686.30	1.00	9.58
1689.60	1.00	9.58
1692.90	1.00	9.59
1696.20	1.00	9.59
1699.50	1.00	9.59
1702.80	1.00	9.59
1706.00	1.00	9.60
1709.30	1.00	9.60
1712.60	1.00	9.60
1715.90	1.00	9.61
1719.20	1.00	9.61
1722.40	1.00	9.61
1725.70	1.00	9.62
1729.00	1.00	9.62
1732.30	1.00	9.62
1735.60	1.00	9.62
1738.80	1.00	9.63
1742.10	1.00	9.63
1745.40	1.00	9.64
1748.70	1.00	9.64
1752.00	1.00	9.64
1755.20	1.00	9.64
1758.50	1.00	9.65
1761.80	1.00	9.65
1765.10	1.00	9.65
1768.40	1.00	9.66
1771.60	1.00	9.66
1774.90	1.00	9.66

1778.20	1.00	9.66
1781.50	1.00	9.67
1784.80	1.00	9.67
1788.10	1.00	9.67
1791.30	1.00	9.68
1794.60	1.00	9.68
1797.90	1.00	9.68
1801.20	1.00	9.69
1804.50	1.00	9.69
1807.70	1.00	9.69
1811.00	1.00	9.69
1814.30	1.00	9.70
1817.60	1.00	9.70
1820.90	1.00	9.70
1824.10	1.00	9.71
1827.40	1.00	9.71
1830.70	1.00	9.71
1834.00	1.00	9.72
1837.30	1.00	9.72
1840.50	1.00	9.72
1843.80	1.00	9.73
1847.10	1.00	9.73
1850.40	1.00	9.73
1853.70	1.00	9.73
1857.00	1.00	9.74
1860.20	1.00	9.74
1863.50	1.00	9.74
1866.80	1.00	9.75
1870.10	1.00	9.75
1873.40	1.00	9.75
1876.60	1.00	9.75
1879.90	1.00	9.76
1883.20	1.00	9.76
1886.50	1.00	9.76
1889.80	1.00	9.77
1893.00	1.00	9.77
1896.30	1.00	9.77
1899.60	1.00	9.78
1902.90	1.00	9.78
1906.20	1.00	9.78
1909.40	1.00	9.78
1912.70	1.00	9.79
1916.00	1.00	9.79
1919.30	1.00	9.79
1922.60	1.00	9.80
1925.80	1.00	9.80
1929.10	1.00	9.80
1932.40	1.00	9.81
1935.70	1.00	9.81
1939.00	1.00	9.81
1942.30	1.00	9.81
1945.50	1.00	9.82
1948.80	1.00	9.82
1952.10	1.00	9.82
1955.40	1.00	9.83
1958.70	1.00	9.83
1961.90	1.00	9.83
1965.20	1.00	9.84
1968.50	1.00	9.84
1971.80	1.00	9.84
1975.10	1.00	9.85
1978.30	1.00	9.85
1981.60	1.00	9.85
1984.90	1.00	9.85
1988.20	1.00	9.86
1991.50	1.00	9.86
1994.70	1.00	9.86
1998.00	1.00	9.87
2001.30	1.00	9.87
2004.60	1.00	9.88
2007.90	1.00	9.88
2011.20	1.00	9.88
2014.40	1.00	9.89
2017.70	1.00	9.89
2021.00	1.00	9.90
2024.30	1.00	9.90
2027.60	1.00	9.90
2030.80	1.00	9.91
2034.10	1.00	9.91
2037.40	1.00	9.92
2040.70	1.00	9.92
2044.00	1.00	9.93
2047.20	1.00	9.93
2050.50	1.00	9.93
2053.80	1.00	9.94
2057.10	1.00	9.95
2060.40	1.00	9.96
2063.60	1.00	9.96
2066.90	1.00	9.97
2070.20	1.00	9.99
2073.50	1.00	10.01
2076.80	1.00	10.02
2080.00	1.00	10.04
2083.30	1.00	10.08
2086.60	1.00	10.14
2089.90	1.00	10.19
2093.20	1.00	10.26
2096.50	1.00	10.31
2286.30	1.00	9.12
2754.00	1.00	8.95
3060.50	1.00	8.95
3093.50	1.00	8.95

3123.00 1.00 8.95

PART5 LOCATION OF V ZONES

STATION OF GUTTER LOCATION OF ZONE

2064.33 WINDWARD

PART6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER	ELEVATION	ZONE DESIGNATION		FHF
16.97	28.17	V12	EL=**	60
3.30	1660.10	V12	EL=**	60
6.60	1663.40	V19	EL=**	95
9.80	1666.70	V23	EL=24	130
12.20	24.50	V23	EL=24	130
13.10	1669.90	V23	EL=24	130
13.98	25.50	V23	EL=24	130
15.24	26.50	V23	EL=24	130
16.23	27.50	V23	EL=24	130
16.40	1673.20	V23	EL=24	130
16.97	28.17	V23	EL=24	130
19.70	1676.50	V23	EL=24	130
23.00	1679.80	V23	EL=24	130
26.20	1683.10	V23	EL=24	130
29.50	1686.30	V23	EL=24	130
32.80	1689.60	V23	EL=24	130
36.10	1692.90	V23	EL=24	130
39.40	1696.20	V23	EL=24	130
42.70	1699.50	V23	EL=24	130
45.90	1702.80	V23	EL=24	130
49.20	1706.00	V23	EL=24	130
52.50	1709.30	V23	EL=24	130
55.80	1712.60	V23	EL=24	130
59.10	1715.90	V23	EL=24	130
62.30	1719.20	V23	EL=24	130
65.60	1722.40	V23	EL=24	130
68.90	1725.70	V23	EL=24	130
72.20	1729.00	V23	EL=24	130
75.50	1732.30	V23	EL=24	130
78.70	1735.60	V23	EL=24	130
82.00	1738.80	V23	EL=24	130
85.30	1742.10	V23	EL=24	130
88.60	1745.40	V23	EL=24	130
91.90	1748.70	V23	EL=24	130
95.10	1752.00	V23	EL=24	130
98.40	1755.20	V23	EL=24	130
101.70	1758.50	V23	EL=24	130
105.00	1761.80	V23	EL=24	130
108.30	1765.10	V23	EL=24	130
111.50	1768.40	V23	EL=24	130
114.80	1771.60	V23	EL=24	130
118.10	1774.90	V23	EL=24	130
121.40	1778.20	V23	EL=24	130
124.70	1781.50	V23	EL=24	130
128.00	1784.80	V23	EL=24	130
131.20	1788.10	V23	EL=24	130
134.50	1791.30	V23	EL=24	130
137.80	1794.60	V23	EL=24	130

141.10	1797.90			
144.40	1801.20	V23	EL=24	130
147.60	1804.50	V23	EL=24	130
150.90	1807.70	V23	EL=24	130
154.20	1811.00	V23	EL=24	130
157.50	1814.30	V23	EL=24	130
160.80	1817.60	V23	EL=24	130
164.00	1818.36	V23	EL=24	130
167.30	1820.90	V23	EL=24	130
170.60	1824.10	V23	EL=24	130
173.90	1827.40	V23	EL=24	130
177.20	1830.70	V23	EL=24	130
180.40	1834.00	V23	EL=24	130
183.70	1837.30	V23	EL=24	130
187.00	1840.50	V23	EL=24	130
190.30	1843.80	V23	EL=24	130
193.60	1847.10	V23	EL=24	130
196.80	1850.40	V23	EL=24	130
200.10	1853.70	V23	EL=24	130
203.40	1857.00	V23	EL=24	130
206.70	1860.20	V23	EL=24	130
210.00	1863.50	V23	EL=24	130
213.30	1866.80	V23	EL=24	130
216.50	1870.10	V23	EL=24	130
219.80	1873.40	V23	EL=24	130
223.10	1876.60	V23	EL=24	130
226.40	1879.90	V23	EL=24	130
229.70	1883.20	V23	EL=24	130
232.90	1886.50	V23	EL=24	130
236.20	1889.80	V23	EL=24	130
239.50	1893.00	V23	EL=24	130
242.80	1896.30	V23	EL=24	130
246.10	1899.60	V23	EL=24	130
249.30	1902.90	V23	EL=24	130
252.60	1906.20	V23	EL=24	130
255.90	1909.40	V23	EL=24	130
259.20	1912.70	V23	EL=24	130
262.50	1916.00	V23	EL=24	130
265.70	1919.30	V23	EL=24	130
269.00	1922.60	V23	EL=24	130
272.30	1925.80	V23	EL=24	130
275.60	1929.10	V23	EL=24	130
278.90	1932.40	V23	EL=24	130
282.20	1935.70	V23	EL=24	130
285.40	1939.00	V23	EL=24	130
288.70	1942.30	V23	EL=24	130
292.00	1945.50	V23	EL=24	130
295.30	1948.80	V23	EL=24	130
298.60	1952.10	V23	EL=24	130
301.80	1955.40	V23	EL=24	130
305.10	1958.70	V23	EL=24	130

308.40	1961.90	V23	EL=24	130
311.70	1965.20	V23	EL=24	130
315.00	1968.50	V23	EL=24	130
318.20	1971.80	V23	EL=24	130
321.50	1975.10	V23	EL=24	130
324.80	1978.30	V23	EL=24	130
328.10	1981.60	V23	EL=24	130
331.40	1984.90	V23	EL=24	130
334.60	1988.20	V23	EL=24	130
337.90	1991.50	V23	EL=24	130
341.20	1994.70	V23	EL=24	130
344.50	1998.00	V23	EL=24	130
347.80	2001.30	V23	EL=24	130
351.00	2002.53	V23	EL=24	130
354.30	2004.60	V23	EL=24	130
357.60	2007.90	V23	EL=24	130
360.90	2011.20	V23	EL=24	130
364.20	2014.40	V23	EL=24	130
367.50	2017.70	V23	EL=24	130
370.70	2021.00	V23	EL=24	130
374.00	2024.30	V23	EL=24	130
377.30	2027.60	V23	EL=24	130
380.60	2030.80	V23	EL=24	130
383.90	2034.10	V23	EL=24	130
387.10	2037.40	V23	EL=24	130
390.40	2040.70	V23	EL=24	130
393.70	2044.00	V23	EL=24	130
397.00	2047.20	V23	EL=24	130
400.30	2050.50	V23	EL=24	130
403.50	2053.80	V23	EL=24	130
406.80	2057.10	V23	EL=24	130
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413.40	2063.60	V23	EL=24	130
416.70	2064.33	V23	EL=24	130
419.90	2066.90	V23	EL=24	130
423.20	2070.20	V23	EL=24	130
426.50	2073.50	V23	EL=24	130
429.80	2076.80	V23	EL=24	130
433.10	2080.00	V23	EL=24	130
436.40	2083.30	V23	EL=24	130
439.60	2086.60	V23	EL=24	130
442.90	2089.90	V23	EL=24	130
446.20	2093.20	V23	EL=24	130
449.50	2096.50	V23	EL=24	130
452.80	2110.30	V23	EL=24	130
456.00	2230.70	V23	EL=24	130
459.30	2286.30	V23	EL=24	130
462.60	2339.40	V23	EL=24	130
465.90	2754.00	V23	EL=24	130
469.20	3060.50	V23	EL=24	130
472.40	3093.50	V23	EL=24	130

475.70	3123.00	V23	EL=24	130
479.00	26.01	V23	EL=24	130
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495.40	25.94	V23	EL=24	130
498.70	25.93	V23	EL=24	130
502.00	25.91	V23	EL=24	130
505.20	25.90	V23	EL=24	130
508.50	25.89	V23	EL=24	130
511.80	25.87	V23	EL=24	130
515.10	25.86	V23	EL=24	130
518.40	25.84	V23	EL=24	130
521.70	25.83	V23	EL=24	130
524.90	25.82	V23	EL=24	130
528.20	25.80	V23	EL=24	130
531.50	25.79	V23	EL=24	130
534.80	25.78	V23	EL=24	130
538.10	25.76	V23	EL=24	130
541.30	25.75	V23	EL=24	130
544.60	25.73	V23	EL=24	130
547.90	25.72	V23	EL=24	130
551.20	25.71	V23	EL=24	130
554.50	25.69	V23	EL=24	130
557.70	25.68	V23	EL=24	130
561.00	25.67	V23	EL=24	130
564.30	25.65	V23	EL=24	130
567.60	25.64	V23	EL=24	130
570.90	25.62	V23	EL=24	130
574.10	25.61	V23	EL=24	130
577.40	25.60	V23	EL=24	130
580.70	25.58	V23	EL=24	130
584.00	25.57	V23	EL=24	130
587.30	25.55	V23	EL=24	130
590.50	25.54	V23	EL=24	130
593.80	25.53	V23	EL=24	130
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600.40	25.50	V23	EL=24	130
603.70	25.48	V23	EL=24	130
607.00	25.47	V23	EL=24	130
610.20	25.45	V23	EL=24	130
613.50	25.44	V23	EL=24	130
616.80	25.43	V23	EL=24	130
620.10	25.41	V23	EL=24	130
623.40	25.40	V23	EL=24	130
626.60	25.38	V23	EL=24	130
629.90	25.37	V23	EL=24	130
633.20	25.35	V23	EL=24	130
636.50	25.34	V23	EL=24	130
639.80	25.32	V23	EL=24	130

643.00	25.30			
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649.60	25.26	V23	EL=24	130
652.90	25.24	V23	EL=24	130
656.20	25.22	V23	EL=24	130
659.40	25.20	V23	EL=24	130
662.70	25.18	V23	EL=24	130
666.00	25.16	V23	EL=24	130
669.30	25.14	V23	EL=24	130
672.60	25.13	V23	EL=24	130
675.90	25.11	V23	EL=24	130
679.10	25.09	V23	EL=24	130
682.40	25.07	V23	EL=24	130
685.70	25.05	V23	EL=24	130
689.00	25.03	V23	EL=24	130
692.30	25.01	V23	EL=24	130
695.50	24.99	V23	EL=24	130
698.80	24.97	V23	EL=24	130
702.10	24.95	V23	EL=24	130
705.40	24.93	V23	EL=24	130
708.70	24.91	V23	EL=24	130
711.90	24.90	V23	EL=24	130
715.20	24.88	V23	EL=24	130
718.50	24.86	V23	EL=24	130
721.80	24.85	V23	EL=24	130
725.10	24.83	V23	EL=24	130
728.30	24.81	V23	EL=24	130
731.60	24.80	V23	EL=24	130
734.90	24.78	V23	EL=24	130
738.20	24.76	V23	EL=24	130
741.50	24.74	V23	EL=24	130
744.70	24.73	V23	EL=24	130
748.00	24.71	V23	EL=24	130
751.30	24.69	V23	EL=24	130
754.60	24.68	V23	EL=24	130
757.90	24.66	V23	EL=24	130
761.20	24.64	V23	EL=24	130
764.40	24.62	V23	EL=24	130
767.70	24.61	V23	EL=24	130
771.00	24.59	V23	EL=24	130
774.30	24.58	V23	EL=24	130
777.60	24.56	V23	EL=24	130
780.80	24.55	V23	EL=24	130
784.10	24.54	V23	EL=24	130
787.40	24.52	V23	EL=24	130
790.70	24.51	V23	EL=24	130
794.00	24.50	V23	EL=24	130
797.20	24.48	V23	EL=24	130
800.50	24.47	V23	EL=24	130
803.80	24.45	V23	EL=24	130
807.10	24.44	V23	EL=24	130

810.40	24.43			
813.60	24.41	V23	EL=24	130
816.90	24.40	V23	EL=24	130
820.20	24.39	V23	EL=24	130
823.50	24.37	V23	EL=24	130
826.80	24.35	V23	EL=24	130
830.10	24.34	V23	EL=24	130
833.30	24.32	V23	EL=24	130
836.60	24.31	V23	EL=24	130
839.90	24.29	V23	EL=24	130
843.20	24.28	V23	EL=24	130
846.50	24.26	V23	EL=24	130
849.70	24.25	V23	EL=24	130
853.00	24.23	V23	EL=24	130
856.30	24.21	V23	EL=24	130
859.60	24.20	V23	EL=24	130
862.90	24.18	V23	EL=24	130
866.10	24.17	V23	EL=24	130
869.40	24.15	V23	EL=24	130
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892.40	24.04	V23	EL=24	130
895.70	24.03	V23	EL=24	130
898.90	24.01	V23	EL=24	130
902.20	24.00	V23	EL=24	130
905.50	23.97	V23	EL=24	130
908.80	23.95	V23	EL=24	130
912.10	23.93	V23	EL=24	130
915.40	23.91	V23	EL=24	130
918.60	23.89	V23	EL=24	130
921.90	23.86	V23	EL=24	130
925.20	23.84	V23	EL=24	130
928.50	23.82	V23	EL=24	130
931.80	23.80	V23	EL=24	130
935.00	23.78	V23	EL=24	130
938.30	23.76	V23	EL=24	130
941.60	23.73	V23	EL=24	130
944.90	23.71	V23	EL=24	130
948.20	23.69	V23	EL=24	130
951.40	23.67	V23	EL=24	130
954.70	23.65	V23	EL=24	130
958.00	23.63	V23	EL=24	130
961.30	23.60	V23	EL=24	130
964.60	23.58	V23	EL=24	130
967.80	23.56	V23	EL=24	130
971.10	23.54	V23	EL=24	130
974.40	23.52	V23	EL=24	130

976.74	23.50			
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981.00	23.47	V23	EL=23	130
984.20	23.44	V23	EL=23	130
987.50	23.42	V23	EL=23	130
990.80	23.40	V23	EL=23	130
994.10	23.38	V23	EL=23	130
997.40	23.35	V23	EL=23	130
1000.70	23.33	V23	EL=23	130
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1007.20	23.28	V23	EL=23	130
1010.50	23.26	V23	EL=23	130
1013.80	23.23	V23	EL=23	130
1017.10	23.21	V23	EL=23	130
1020.30	23.18	V23	EL=23	130
1023.60	23.16	V23	EL=23	130
1026.90	23.13	V23	EL=23	130
1030.20	23.11	V23	EL=23	130
1033.50	23.08	V23	EL=23	130
1036.70	23.06	V23	EL=23	130
1040.00	23.03	V23	EL=23	130
1043.30	23.01	V23	EL=23	130
1046.60	22.98	V23	EL=23	130
1049.90	22.96	V23	EL=23	130
1053.10	22.93	V23	EL=23	130
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1059.70	22.88	V23	EL=23	130
1063.00	22.85	V23	EL=23	130
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1079.40	22.73	V23	EL=23	130
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1095.80	22.60	V23	EL=23	130
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1105.60	22.53	V23	EL=23	130
1108.90	22.50	V23	EL=23	130
1109.08	22.50	V23	EL=22	130
1112.20	22.48	V23	EL=22	130
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1118.80	22.43	V23	EL=22	130
1122.00	22.40	V23	EL=22	130
1125.30	22.38	V23	EL=22	130
1128.60	22.35	V23	EL=22	130
1131.90	22.33	V23	EL=22	130
1135.20	22.30	V23	EL=22	130

1138.40	22.28			
1141.70	22.25	V23	EL=22	130
1145.00	22.21	V23	EL=22	130
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1184.40	21.79	V23	EL=22	130
1187.70	21.76	V23	EL=22	130
1190.90	21.72	V23	EL=22	130
1194.20	21.69	V23	EL=22	130
1197.50	21.65	V23	EL=22	130
1200.80	21.61	V23	EL=22	130
1204.10	21.58	V23	EL=22	130
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1210.60	21.51	V23	EL=22	130
1211.52	21.50	V23	EL=21	130
1213.90	21.48	V23	EL=21	130
1217.20	21.44	V23	EL=21	130
1220.50	21.40	V23	EL=21	130
1223.80	21.37	V23	EL=21	130
1227.00	21.33	V23	EL=21	130
1230.30	21.30	V23	EL=21	130
1233.60	21.26	V23	EL=21	130
1236.90	21.23	V23	EL=21	130
1240.20	21.20	V23	EL=21	130
1243.40	21.16	V23	EL=21	130
1246.70	21.13	V23	EL=21	130
1250.00	21.09	V23	EL=21	130
1253.30	21.06	V23	EL=21	130
1256.60	21.02	V23	EL=21	130
1259.80	20.99	V23	EL=21	130
1263.10	20.96	V23	EL=21	130
1266.40	20.93	V23	EL=21	130
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1273.00	20.87	V23	EL=21	130
1276.20	20.83	V23	EL=21	130
1279.50	20.80	V23	EL=21	130
1282.80	20.77	V23	EL=21	130
1286.10	20.74	V23	EL=21	130
1289.40	20.71	V23	EL=21	130
1292.60	20.68	V23	EL=21	130
1295.90	20.65	V23	EL=21	130
1299.20	20.62	V23	EL=21	130

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1305.80	20.57	V23	EL=21	130
1309.10	20.54	V23	EL=21	130
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1313.22	20.50	V23	EL=21	130
1315.60	20.48	V23	EL=20	130
1318.90	20.45	V23	EL=20	130
1322.20	20.42	V23	EL=20	130
1325.50	20.39	V23	EL=20	130
1328.70	20.36	V23	EL=20	130
1332.00	20.34	V23	EL=20	130
1335.30	20.31	V23	EL=20	130
1338.60	20.28	V23	EL=20	130
1341.90	20.25	V23	EL=20	130
1345.10	20.22	V23	EL=20	130
1348.40	20.19	V23	EL=20	130
1351.70	20.16	V23	EL=20	130
1355.00	20.13	V23	EL=20	130
1358.30	20.10	V23	EL=20	130
1361.50	20.08	V23	EL=20	130
1364.80	20.05	V23	EL=20	130
1368.10	20.02	V23	EL=20	130
1371.40	19.99	V23	EL=20	130
1374.70	19.96	V23	EL=20	130
1377.90	19.93	V23	EL=20	130
1381.20	19.91	V23	EL=20	130
1384.50	19.88	V23	EL=20	130
1387.80	19.86	V23	EL=20	130
1391.10	19.83	V23	EL=20	130
1394.40	19.81	V23	EL=20	130
1397.60	19.79	V23	EL=20	130
1400.90	19.76	V23	EL=20	130
1404.20	19.74	V23	EL=20	130
1407.50	19.72	V23	EL=20	130
1410.80	19.69	V23	EL=20	130
1414.00	19.67	V23	EL=20	130
1417.30	19.64	V23	EL=20	130
1420.60	19.62	V23	EL=20	130
1423.90	19.59	V23	EL=20	130
1427.20	19.57	V23	EL=20	130
1430.40	19.55	V23	EL=20	130
1433.70	19.52	V23	EL=20	130
1436.68	19.50	V23	EL=20	130
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1440.30	19.47	V23	EL=19	130
1443.60	19.45	V23	EL=19	130
1446.80	19.43	V23	EL=19	130
1450.10	19.40	V23	EL=19	130
1453.40	19.38	V23	EL=19	130
1456.70	19.35	V23	EL=19	130
1460.00	19.33	V23	EL=19	130

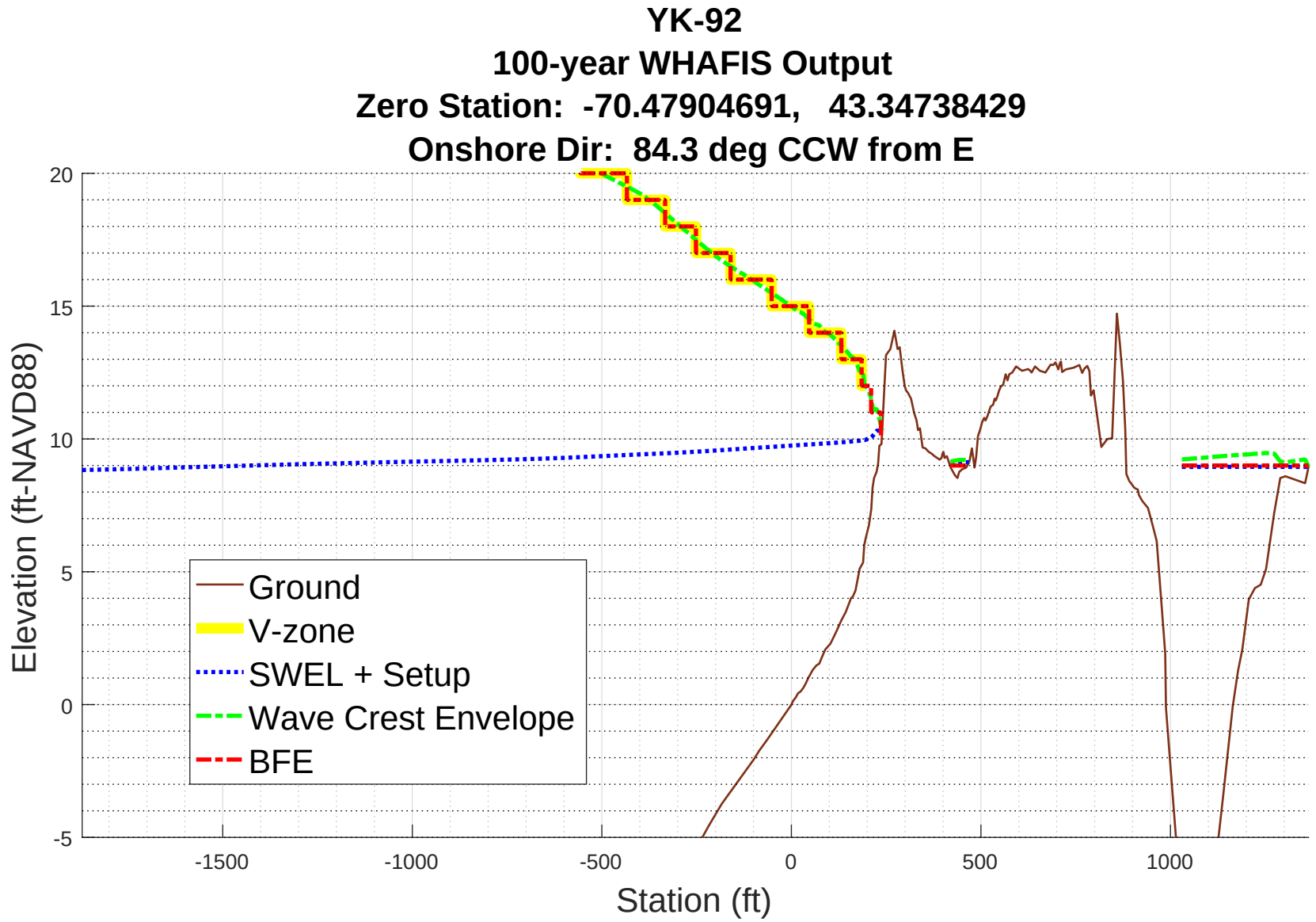
1463.30	19.30			
1466.50	19.28	V23	EL=19	130
1469.80	19.25	V23	EL=19	130
1473.10	19.23	V23	EL=19	130
1476.40	19.20	V23	EL=19	130
1479.70	19.17	V23	EL=19	130
1482.90	19.13	V23	EL=19	130
1486.20	19.10	V23	EL=19	130
1489.50	19.06	V23	EL=19	130
1492.80	19.02	V23	EL=19	130
1496.10	18.99	V23	EL=19	130
1499.30	18.95	V23	EL=19	130
1502.60	18.92	V23	EL=19	130
1505.90	18.88	V23	EL=19	130
1509.20	18.84	V23	EL=19	130
1512.50	18.81	V23	EL=19	130
1515.70	18.77	V23	EL=19	130
1519.00	18.73	V23	EL=19	130
1522.30	18.69	V23	EL=19	130
1525.60	18.65	V23	EL=19	130
1528.90	18.61	V23	EL=19	130
1532.10	18.57	V23	EL=19	130
1535.40	18.53	V23	EL=19	130
1537.59	18.50	V23	EL=18	130
1538.70	18.49	V23	EL=18	130
1542.00	18.45	V23	EL=18	130
1545.30	18.41	V23	EL=18	130
1548.60	18.37	V23	EL=18	130
1551.80	18.32	V23	EL=18	130
1555.10	18.29	V23	EL=18	130
1558.40	18.25	V23	EL=18	130
1561.70	18.20	V23	EL=18	130
1565.00	18.17	V23	EL=18	130
1568.20	18.12	V23	EL=18	130
1571.50	18.08	V23	EL=18	130
1574.80	18.05	V23	EL=18	130
1578.10	18.00	V23	EL=18	130
1581.40	17.97	V23	EL=18	130
1584.60	17.92	V23	EL=18	130
1587.90	17.89	V23	EL=18	130
1591.20	17.84	V23	EL=18	130
1594.50	17.81	V23	EL=18	130
1597.80	17.76	V23	EL=18	130
1601.00	17.72	V23	EL=18	130
1604.30	17.68	V23	EL=18	130
1607.60	17.64	V23	EL=18	130
1610.90	17.60	V23	EL=18	130
1614.20	17.56	V23	EL=18	130
1617.50	17.52	V23	EL=18	130
1619.46	17.50	V23	EL=17	130
1620.70	17.48	V23	EL=17	130

1624.00	17.44			
1627.30	17.40	V23	EL=17	130
1630.60	17.36	V23	EL=17	130
1633.90	17.32	V23	EL=17	130
1637.10	17.29	V23	EL=17	130
1640.40	17.24	V23	EL=17	130
1643.70	17.20	V23	EL=17	130
1647.00	17.16	V23	EL=17	130
1650.30	17.13	V23	EL=17	130
1653.50	0.00	V23	EL=17	130
1656.80	0.00	V23	EL=17	130
1660.10	0.00	V23	EL=17	130
1663.40	0.00	V23	EL=17	130
1666.70	0.00	V23	EL=17	130
1669.90	0.00	V23	EL=17	130
1673.20	0.00	V23	EL=17	130
1676.50	0.00	V23	EL=17	130
1679.80	0.00	V23	EL=17	130
1683.10	0.00	V23	EL=17	130
1686.30	0.00	V23	EL=17	130
1689.60	0.00	V23	EL=17	130
1692.90	0.00	V23	EL=17	130
1696.20	0.00	V23	EL=17	130
1699.50	0.00	V23	EL=17	130
1702.80	0.00	V23	EL=17	130
1706.00	0.00	V23	EL=17	130
1709.30	0.00	V23	EL=17	130
1710.50	0.00	V23	EL=17	130
1712.60	0.00	V23	EL=16	130
1715.90	0.00	V23	EL=16	130
1719.20	0.00	V23	EL=16	130
1722.40	0.00	V23	EL=16	130
1725.70	0.00	V23	EL=16	130
1729.00	0.00	V23	EL=16	130
1732.30	0.00	V23	EL=16	130
1735.60	0.00	V23	EL=16	130
1738.80	0.00	V23	EL=16	130
1742.10	0.00	V23	EL=16	130
1745.40	0.00	V23	EL=16	130
1748.70	0.00	V23	EL=16	130
1752.00	0.00	V23	EL=16	130
1755.20	0.00	V23	EL=16	130
1758.50	0.00	V23	EL=16	130
1761.80	0.00	V23	EL=16	130
1765.10	0.00	V23	EL=16	130
1768.40	0.00	V23	EL=16	130
1771.60	0.00	V23	EL=16	130
1774.90	0.00	V23	EL=16	130
1778.20	0.00	V23	EL=16	130
1781.50	0.00	V23	EL=16	130
1784.80	0.00	V23	EL=16	130

1788.10	0.00			
1791.30	0.00	V23	EL=16	130
1794.60	0.00	V23	EL=16	130
1797.90	0.00	V23	EL=16	130
1801.20	0.00	V23	EL=16	130
1804.50	0.00	V23	EL=16	130
1807.70	0.00	V23	EL=16	130
1811.00	0.00	V23	EL=16	130
1814.30	0.00	V23	EL=16	130
1817.60	0.00	V23	EL=16	130
1818.36	0.00	V23	EL=16	130
1820.90	0.00	V23	EL=15	130
1824.10	0.00	V23	EL=15	130
1827.40	0.00	V24	EL=15	140
1830.70	0.00	V24	EL=15	140
1834.00	0.00	V24	EL=15	140
1837.30	0.00	V24	EL=15	140
1840.50	0.00	V24	EL=15	140
1843.80	0.00	V24	EL=15	140
1847.10	0.00	V24	EL=15	140
1850.40	0.00	V24	EL=15	140
1853.70	0.00	V24	EL=15	140
1857.00	0.00	V24	EL=15	140
1860.20	0.00	V24	EL=15	140
1863.50	0.00	V24	EL=15	140
1866.80	0.00	V24	EL=15	140
1870.10	0.00	V24	EL=15	140
1873.40	0.00	V24	EL=15	140
1876.60	0.00	V24	EL=15	140
1879.90	0.00	V24	EL=15	140
1883.20	0.00	V24	EL=15	140
1886.50	0.00	V24	EL=15	140
1889.80	0.00	V24	EL=15	140
1893.00	0.00	V24	EL=15	140
1896.30	0.00	V24	EL=15	140
1899.60	0.00	V24	EL=15	140
1902.90	0.00	V24	EL=15	140
1906.20	0.00	V24	EL=15	140
1909.40	0.00	V24	EL=15	140
1912.70	0.00	V24	EL=15	140
1916.00	0.00	V24	EL=15	140
1917.46	0.00	V24	EL=14	140
1919.30	0.00	V24	EL=14	140
1922.60	0.00	V24	EL=14	140
1925.80	0.00	V24	EL=14	140
1929.10	0.00	V24	EL=14	140
1932.40	0.00	V24	EL=14	140
1935.70	0.00	V24	EL=14	140
1939.00	0.00	V24	EL=14	140
1942.30	0.00	V24	EL=14	140
1945.50	0.00	V24	EL=14	140

1948.80	0.00			
1952.10	0.00	V24	EL=14	140
1955.40	0.00	V24	EL=14	140
1958.70	0.00	V24	EL=14	140
1961.90	0.00	V24	EL=14	140
1965.20	0.00	V24	EL=14	140
1968.50	0.00	V24	EL=14	140
1971.80	0.00	V24	EL=14	140
1975.10	0.00	V24	EL=14	140
1978.30	0.00	V24	EL=14	140
1981.60	0.00	V24	EL=14	140
1984.90	0.00	V24	EL=14	140
1988.20	0.00	V24	EL=14	140
1991.50	0.00	V24	EL=14	140
1994.70	0.00	V24	EL=14	140
1998.00	0.00	V24	EL=14	140
2001.30	0.00	V24	EL=14	140
2002.53	0.00	V24	EL=13	140
2004.60	0.00	V24	EL=13	140
2007.90	0.00	V24	EL=13	140
2011.20	0.00	V24	EL=13	140
2014.40	0.00	V24	EL=13	140
2017.70	0.00	V24	EL=13	140
2021.00	0.00	V24	EL=13	140
2024.30	0.00	V24	EL=13	140
2027.60	0.00	V24	EL=13	140
2030.80	0.00	V24	EL=13	140
2034.10	0.00	V24	EL=13	140
2037.40	0.00	V24	EL=13	140
2040.70	0.00	V24	EL=13	140
2044.00	0.00	V24	EL=13	140
2047.20	0.00	V24	EL=13	140
2050.50	0.00	V24	EL=13	140
2053.80	0.00	V24	EL=13	140
2055.92	0.00	V24	EL=12	140
2057.10	0.00	V24	EL=12	140
2060.40	0.00	V24	EL=12	140
2063.60	0.00	V24	EL=12	140
2064.33	0.00	A17	EL=12	85
2066.90	0.00	A17	EL=12	85
2070.20	0.00	A17	EL=12	85
2073.50	0.00	A17	EL=12	85
2076.80	0.00	A17	EL=12	85
2080.00	0.00	A17	EL=12	85
2081.14	0.00	A17	EL=11	85
2083.30	0.00	A17	EL=11	85
2086.60	0.00	A17	EL=11	85
2089.90	0.00	A17	EL=11	85
2093.20	0.00	A17	EL=11	85
2096.50	0.00	A17	EL=11	85
2107.14	0.00	A17	EL=10	85

```
2110.30          0.00
2286.30          0.00
                                    A17  EL= 9      85
2339.40          0.00
2754.00          0.00
                                    A17  EL= 9      85
2979.00          0.00
                                    A17  EL= 9      85
3060.50          0.00
                                    A17  EL= 9      85
3077.50          0.00
                                    A17  EL= 9      85
3093.50          0.00
                                    A17  EL= 9      85
3109.00          0.00
                                    A17  EL= 9      85
3123.00          0.00
                                    A17  EL= 9      85
3235.10          0.00
      ZONE TERMINATED AT END OF TRANSECT
      PART 7   POSTSCRIPT NOTES
PS START(380068.8812,4799887.1881)
PS END(380176.5982,4800958.9554)
-1.000000e+00
```


YK-92
100-year WHAFIS Output
Zero Station: -70.47904691, 43.34738429
Onshore Dir: 84.3 deg CCW from E
Elevation (ft-NAVD88)
Station (ft)
20
15
10
5
0
-5
-1500
-1000
-500
0
500
1000
Ground
V-zone
SWEL + Setup
Wave Crest Envelope
BFE

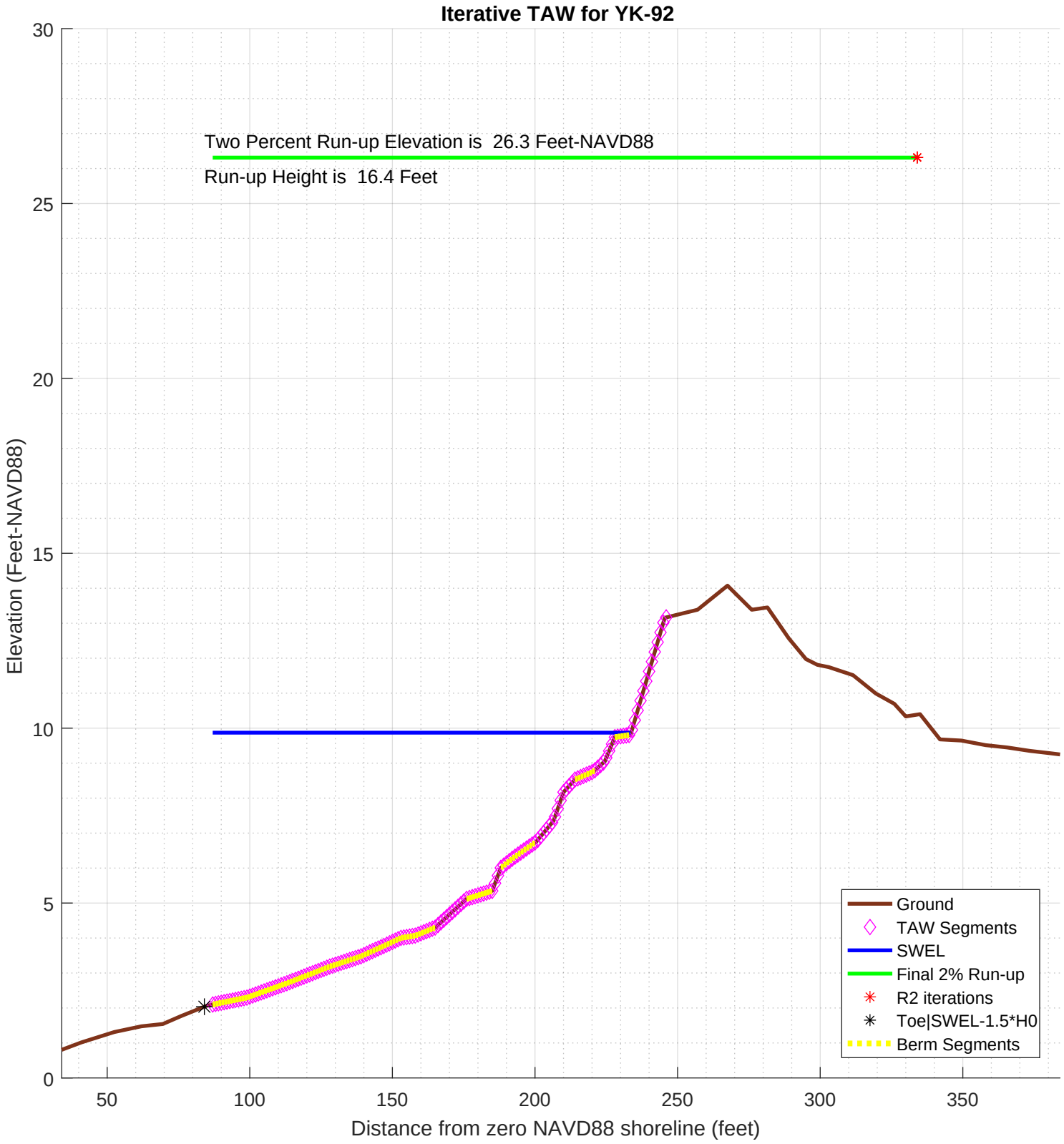
```
_____________________________________________________________
PART 4: TAW

Input Paramters:
    TWL- 8.8306 feet
    HS-  5.1811 feet
    PER- 14.019 seconds
    TOE- x: 62 , z: 1.4764 feet
    TOP- x: 245.5 , z: 13.1562 feet
    GBERM-   0.80989
    GGROUGH- 1
    GBETA-   1
    GPERM-   1

RUNNING TAW:
...
MATLAB DIARY: /4_taw/logfiles/YK-92-DIARY.txt

CHECKING VALIDITY:
...
TAW method is valid!
Using TAW runup to detemine runup elevation
TAW 2% runup: 26.3113 feet

PART 4 COMPLETE_____________________________________________
```


Iterative TAW for YK-92
Two Percent Run-up Elevation is 26.3 Feet-NAVD88
Run-up Height is 16.4 Feet
Elevation (Feet-NAVD88)
Distance from zero NAVD88 shoreline (feet)
0
5
10
15
20
25
30
50
100
150
200
250
300
350
Ground
TAW Segments
SWEL
Final 2% Run-up
R2 iterations
Toe|SWEL-1.5*H0
Berm Segments

```
diary on         % begin recording

% FEMA appeal for The Town of Kennebunkport, York county, Maine
% TRANSECT ID: YK-92
% calculation by SJH, Ransom Consulting, Inc. 02-Apr-2020
% 100-year wave runup using TAW methodology
% including berm and weighted average with foreshore if necessary
%
% chk nld 20200220
%
% This script assumes that the incident wave conditions provided
% as input in the configuration section below are the
% appropriate values located at the end of the foreshore
% or toe of the slope on which the run-up is being calculated
% the script does not attempt to apply a depth limit or any other
% transformation to the incident wave conditions other than
% conversion of the peak wave period to the spectral mean wave
% as recommended in the references below
%
% references:
%
% Van der Meer, J.W., 2002. Technical Report Wave Run-up and
% Wave Overtopping at Dikes. TAW Technical Advisory Committee on
% Flood Defence, The Netherlands.
%
% FEMA. 2007,  Atlantic Ocean and Gulf of Mexico Coastal Guidelines Update
%
%
%

%-------------------------------------------------------------------------
% CONFIG
%-------------------------------------------------------------------------
fname='inpfiles/YK-92sta_ele_include.csv';   % file with station, elevation, include
                                     % third colunm is 0 for excluded points
imgname='logfiles/YK-92-runup';
SWEL=8.8306;  % 100-yr still water level including wave setup.
H0=5.1811;    % significant wave height at toe of structure
Tp=14.019;    % peak period, 1/fma,
T0=Tp/1.1;

gamma_berm=0.80989;   % this may get changed automatically below
gamma_rough=1;
gamma_beta=1;
gamma_perm=1;

setupAtToe=0.9778;
maxSetup=1.4808;   % only used in case of berm/shallow foreshore weighted average

plotTitle='Iterative TAW for YK-92'

plotTitle =

Iterative TAW for YK-92



% END CONFIG
%------------------------------

SWEL=SWEL+setupAtToe

SWEL =

    9.8084

SWEL_fore=SWEL+maxSetup

SWEL_fore =

   11.2892



% FIND WAVELENGTH USING DEEPWATER DISPERSION RELATION
% using English units
L0=32.15/(2*pi)*T0^2

L0 =

  831.093355281874


% Find Hb (Munk, 1949)
%Hb=H0/(3.3*(H0/L0)^(1/3))
%Db=-Hb/.78+SWEL;  % depth at breaking

% The toe elevation here is only used to determine the average
% structure slope, it is not used to depth limit the wave height.
% Any depth limiting or other modification of the wave height
```

```
% to make it consitent with TAW guidance should be performed
% prior to the input of the significant wave height given above.
Ztoe=SWEL-1.5*H0

Ztoe =

                    2.03675


% read the transect
[sta,dep,inc] = textread(fname,'%n%n%n%*[^\n]','delimiter',',','headerlines',0);

% remove unselected points
k=find(inc==0);
sta(k)=[];
dep(k)=[];

sta_org=sta;  % used for plotting purposes
dep_org=dep;


% initial guess at maximum run-up elevation to estimate slope
Z2=SWEL+1.5*H0

Z2 =

                   17.58005


% determine station at the max runup and -1.5*H0 (i.e. the toe)
top_sta=-999;
toe_sta=-999;
for kk=1:length(sta)-1
    if ((Z2 > dep(kk)) & (Z2 <= dep(kk+1)))    % here is the intersection of z2 with profile
       top_sta=interp1(dep(kk:kk+1),sta(kk:kk+1),Z2)
    end
    if  ((Ztoe > dep(kk)) & (Ztoe <= dep(kk+1)))    % here is the intersection of Ztoe with profile
       toe_sta=interp1(dep(kk:kk+1),sta(kk:kk+1),Ztoe)
    end
end

toe_sta =

           84.080132894416

% check to make sure we got them, if not extend the end slopes outward
S=diff(dep)./diff(sta);
if toe_sta==-999
   dy=dep(1)-Ztoe;
   toe_sta=sta(1)-dy/S(1)
end
if top_sta==-999
   dy=Z2-dep(end);
   top_sta=sta(end)+dy/S(end)
end

top_sta =

           275.53999772455


% just so the reader can tell the values aren't -999 anymore
top_sta

top_sta =

           275.53999772455

toe_sta

toe_sta =

           84.080132894416




% check for case where the toe of slope is below SWL-1.5*H0
% in this case interpolate setup from the setupAtToe(really setup as first station), and the max setup
% also un-include points seaward of SWL-1.5*H0
if Ztoe > dep(1)
   dd=SWEL_fore-dep;
   k=find(dd<0,1); % k is index of first land point
   staAtSWL=interp1(dep(k-1:k),sta(k-1:k),SWEL_fore);
   dsta=staAtSWL-sta(1);
   dsetup=maxSetup-setupAtToe;
   dsetdsta=dsetup/dsta;
   setup=setupAtToe+dsetdsta*(toe_sta-sta(1));
   sprintf('-!!- Location of SWEL-1.5*H0 is %4.1f ft landward of toe of slope',dsta)
   sprintf('-!!- Setup is interpolated between setup at toe of slope and max setup')
```

```
   sprintf('-!!-       setup is adjusted to %4.2f feet',setup)
   SWEL=SWEL-setupAtToe+setup;
   sprintf('-!!-       SWEL is adjusted to %4.2f feet',SWEL)
   k=find(dep < SWEL-1.5*H0)
   sta(k)=[];
   dep(k)=[];
else
   sprintf('-!!- The User has selected a starting point that is %4.2f feet above the elevation of SWEL-1.5H0\n',dep(1
   sprintf('-!!- This may be reasonable for some cases.  However the user may want to consider:\n')
   sprintf('-!!-   1) Selecting a starting point that is at or below %4.2f feet elevation, or\n', Ztoe)
   sprintf('-!!-   2) Reducing the incident wave height to a depth limited condition.\n')
end

ans =

-!!- Location of SWEL-1.5*H0 is 176.8 ft landward of toe of slope


ans =

-!!- Setup is interpolated between setup at toe of slope and max setup


ans =

-!!-       setup is adjusted to 1.04 feet


ans =

-!!-       SWEL is adjusted to 9.87 feet


k =

     1
     2
     3
     4
     5
     6
     7
     8
     9
    10
    11
    12
    13
    14
    15
    16
    17
    18
    19
    20
    21
    22
    23
    24
    25



% now iterate converge on a runup elevation
tol=0.01;  % convergence criteria
R2del=999;
R2_new=3*H0; %initial guess
R2=R2_new;
iter=0;
R2_all=[];
topStaAll=[];
Berm_Segs=[];
TAW_ALWAYS_VALID=1;
while(abs(R2del) > tol && iter <= 25)
    iter=iter+1;
    sprintf ('!----------------- STARTING ITERATION %d -----------------!',iter)
    % elevation of toe of slope
    Ztoe
    % station of toe slope (relative to 0-NAVD88 shoreline
    toe_sta
    % station of top of slope/extent of 2% run-up
    top_sta
    % elevation of top of slope/extent of 2% run-up
    Z2
    % incident significant wave height
    H0
    % incident spectral peak wave period
    Tp
    % incident spectral mean wave period
```

```
T0

R2=R2_new
Z2=R2+SWEL
% determine slope for this iteration
top_sta=-999;
for kk=1:length(sta)-1
   if ((Z2 > dep(kk)) & (Z2 <= dep(kk+1)))    % here is the intersection of z2 with profile
      top_sta=interp1(dep(kk:kk+1),sta(kk:kk+1),Z2)
      break;
   end
end
if top_sta==-999
   dy=Z2-dep(end);
   top_sta=sta(end)+dy/S(end)
end

% get the length of the slope (not accounting for berm)
Lslope=top_sta-toe_sta

% loop over profile segments to determine berm factor
% re-calculate influence of depth of berm based on this run-up elevation
% check for berm, berm width, berm height
berm_width=0;
rdh_sum=0;
Berm_Segs=[];
Berm_Heights=[];
for kk=1:length(sta)-1
   ddep=dep(kk+1)-dep(kk);
   dsta=sta(kk+1)-sta(kk);
   s=ddep/dsta;
   if  (s < 1/15)     % count it as a berm if slope is flatter than 1:15 (see TAW manual)
      sprintf ('Berm Factor Calculation: Iteration %d, Profile Segment: %d',iter,kk)
      berm_width=berm_width+dsta;   % tally the width of all berm segments
      % compute the rdh for this segment and weight it by the segment length
      dh=SWEL-(dep(kk)+dep(kk+1))/2
      if  dh < 0
          chi=R2;
      else
          chi=2* H0;
      end
      if (dh <= R2 & dh >=-2*H0)
         rdh=(0.5-0.5*cos(3.14159*dh/chi)) ;
      else
         rdh=1;
      end
      rdh_sum=rdh_sum + rdh * dsta
      Berm_Segs=[Berm_Segs, kk];
      Berm_Heights=[Berm_Heights, (dep(kk)+dep(kk+1))/2];
   end
   if dep(kk) >= Z2  % jump out of loop if we reached limit of run-up for this iteration
      break
   end
end
sprintf ('!------- End Berm Factor Calculation, Iter: %d ---------!',iter)
berm_width
rB=berm_width/Lslope
if (berm_width > 0)
   rdh_mean=rdh_sum/berm_width
else
   rdh_mean=1
end
gamma_berm=1- rB * (1-rdh_mean)
if gamma_berm > 1
   gamma_berm=1
end
if gamma_berm < 0.6
   gamma_berm =0.6
end
% Iribarren number
slope=(Z2-Ztoe)/(Lslope-berm_width)
Irb=(slope/(sqrt(H0/L0)))
% runup height
gamma_berm
gamma_perm
gamma_beta
gamma_rough
gamma=gamma_berm*gamma_perm*gamma_beta*gamma_rough

% check validity
TAW_VALID=1;
if (Irb*gamma_berm < 0.5 | Irb*gamma_berm > 10 )
   sprintf('!!! - - Iribaren number: %6.2f is outside the valid range (0.5-10), TAW NOT VALID - - !!!\n', Irb*gam
   TAW_VALID=0;
else
   sprintf('!!! - - Iribaren number: %6.2f is in the valid range (0.5-10), TAW RECOMMENDED - - !!!\n', Irb*gamma_
end
islope=1/slope;
if (slope < 1/8 | slope > 1)
   sprintf('!!! - - slope: 1:%3.1f V:H is outside the valid range (1:8 - 1:1), TAW NOT VALID - - !!!\n', islope)
```

```
       TAW_VALID=0;
    else
       sprintf('!!! - - slope: 1:%3.1f V:H is in the valid range (1:8 - 1:1), TAW RECOMMENDED - - !!!\n', islope)
    end
    if TAW_VALID == 0
       TAW_ALWAYS_VALID=0;
    end

    if (Irb*gamma_berm < 1.8)
       R2_new=gamma*H0*1.77*Irb
    else
       R2_new=gamma*H0*(4.3-(1.6/sqrt(Irb)))
    end


    % check to see if we need to evaluate a shallow foreshore
    if berm_width > 0.25 * L0;
       disp ('!   Berm_width is greater than 1/4 wave length')
       disp ('!   Runup will be weighted average with foreshore calculation assuming depth limited wave height on ber
       % do the foreshore calculation
       fore_H0=0.78*(SWEL_fore-min(Berm_Heights))
       % get upper slope
       fore_toe_sta=-999;
       fore_toe_dep=-999;
       for kk=length(dep)-1:-1:1
          ddep=dep(kk+1)-dep(kk);
          dsta=sta(kk+1)-sta(kk);
          s=ddep/dsta;
          if s < 1/15
             break
          end
          fore_toe_sta=sta(kk);
          fore_toe_dep=dep(kk);
          upper_slope=(Z2-fore_toe_dep)/(top_sta-fore_toe_sta)
       end
       fore_Irb=upper_slope/(sqrt(fore_H0/L0));
       fore_gamma=gamma_perm*gamma_beta*gamma_rough;
       if (fore_Irb < 1.8)
          fore_R2=fore_gamma*fore_H0*1.77*fore_Irb;
       else
          fore_R2=fore_gamma*fore_H0*(4.3-(1.6/sqrt(fore_Irb)));
       end
       if berm_width >= L0
          R2_new=fore_R2
          disp ('berm is wider than one wavelength, use full shallow foreshore solution');
       else
          w2=(berm_width-0.25*L0)/(0.75*L0)
          w1=1-w2
          R2_new=w2*fore_R2 + w1*R2_new
       end
    end % end berm width check
    % convergence criterion
    R2del=abs(R2-R2_new)
    R2_all(iter)=R2_new;
    % get the new top station (for plot purposes)
    Z2=R2_new+SWEL
    top_sta=-999;
    for kk=1:length(sta)-1
       if ((Z2 > dep(kk)) & (Z2 <= dep(kk+1)))    % here is the intersection of z2 with profile
          top_sta=interp1(dep(kk:kk+1),sta(kk:kk+1),Z2)
          break;
       end
    end
    if top_sta==-999
       dy=Z2-dep(end);
       top_sta=sta(end)+dy/S(end);
    end
    topStaAll(iter)=top_sta;
end
ans =
!----------------- STARTING ITERATION 1 -----------------!
Ztoe =
                  2.03675
toe_sta =
           84.080132894416
top_sta =
           275.53999772455
Z2 =
                 17.58005
H0 =
                   5.1811
Tp =
                    14.019
T0 =
          12.7445454545455
R2 =
                  15.5433
Z2 =
          25.4145166045166
top_sta =
```

```
           327.97216324691
Lslope =
           243.892030352494
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 1
dh =
            7.7632766045166
rdh_sum =
          0.852654006183964
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 2
dh =
            7.7468726045166
rdh_sum =
           1.70354085902299
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 3
dh =
            7.7304686045166
rdh_sum =
           2.55265187969483
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 4
dh =
            7.7140646045166
rdh_sum =
            3.3999784333006
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 5
dh =
            7.6976601045166
rdh_sum =
           4.24551187429484
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 6
dh =
            7.6812556045166
rdh_sum =
           5.08924365574538
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 7
dh =
            7.6648516045166
rdh_sum =
           5.93116533058679
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 8
dh =
            7.6484476045166
rdh_sum =
           6.77126844174121
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 9
dh =
            7.6320436045166
rdh_sum =
           7.60954457711106
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 10
dh =
            7.6156391045166
rdh_sum =
           8.44598531371813
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 11
dh =
            7.5992346045166
rdh_sum =
           9.28058232954258
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 12
dh =
            7.5828306045166
rdh_sum =
           10.1133274047434
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 13
dh =
            7.5599216045166
rdh_sum =
           10.9434723904669
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 14
dh =
            7.5305071045166
rdh_sum =
           11.7702556011328
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 15
dh =
```

```
           7.5010926045166
rdh_sum =
          12.5936510486205
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 16
dh =
           7.4716781045166
rdh_sum =
          13.4136330142289
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 17
dh =
           7.4422636045166
rdh_sum =
          14.2301760507206
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 18
dh =
           7.4128491045166
rdh_sum =
          15.0432549843469
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 19
dh =
           7.3834346045166
rdh_sum =
          15.8528449168487
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 20
dh =
           7.3540206045166
rdh_sum =
          16.6589212873708
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 21
dh =
           7.3246061045166
rdh_sum =
          17.4614596950303
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 22
dh =
           7.2951916045166
rdh_sum =
          18.2604360798256
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 23
dh =
           7.2657771045166
rdh_sum =
          19.0558266650325
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 24
dh =
           7.2363626045166
rdh_sum =
          19.8476079590952
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 25
dh =
           7.2069481045166
rdh_sum =
          20.6357567574941
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 26
dh =
           7.1775336045166
rdh_sum =
          21.4202501445914
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 27
dh =
           7.1475536045166
rdh_sum =
          22.2009945646876
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 28
dh =
           7.1164421045166
rdh_sum =
          22.9778240059777
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 29
dh =
           7.0847651045166
rdh_sum =
          23.7506420052684
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 30
dh =
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```
           7.0530881045166
rdh_sum =
          24.5194234001146
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 31
dh =
           7.0214111045166
rdh_sum =
          25.2841434003735
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 32
dh =
           6.9897341045166
rdh_sum =
          26.0447775904915
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 33
dh =
           6.9580571045166
rdh_sum =
          26.8013019317559
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 34
dh =
           6.9263801045166
rdh_sum =
          27.5536927645119
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 35
dh =
           6.8947031045166
rdh_sum =
          28.3019268103448
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 36
dh =
           6.8630261045166
rdh_sum =
          29.0459811742274
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 37
dh =
           6.8313491045166
rdh_sum =
          29.7858333466309
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 38
dh =
           6.7996716045166
rdh_sum =
          30.5214611387512
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 39
dh =
           6.7679941045166
rdh_sum =
           31.25284281757
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 40
dh =
           6.7363171045166
rdh_sum =
          31.9799571092315
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 41
dh =
           6.7046401045166
rdh_sum =
          32.7027830666172
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 42
dh =
           6.6753801045166
rdh_sum =
           33.421629627493
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 43
dh =
           6.6485371045166
rdh_sum =
          34.1368103525298
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 44
dh =
           6.6216936045166
rdh_sum =
           34.848310921628
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 45
dh =
```

```
           6.5948501045166
rdh_sum =
          35.5561173265822
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 46
dh =
           6.5680071045166
rdh_sum =
          36.2602158730533
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 47
dh =
           6.5411641045166
rdh_sum =
          36.9605930435937
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 48
dh =
           6.5143211045166
rdh_sum =
          37.6572355672229
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 49
dh =
           6.4874776045166
rdh_sum =
          38.3501303503788
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 50
dh =
           6.4606341045166
rdh_sum =
          39.0392646171633
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 51
dh =
           6.4337911045166
rdh_sum =
          39.7246259111404
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 52
dh =
           6.4069481045166
rdh_sum =
          40.4062019558309
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 53
dh =
           6.3750716045166
rdh_sum =
          41.0832673559498
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 54
dh =
           6.3381621045166
rdh_sum =
          41.7550892907014
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 55
dh =
           6.3012526045166
rdh_sum =
          42.4216462448818
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 56
dh =
           6.2643431045166
rdh_sum =
          43.0829173625575
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 57
dh =
           6.2274336045166
rdh_sum =
          43.7388824496769
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 58
dh =
           6.1905241045166
rdh_sum =
          44.3895219765993
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 59
dh =
           6.1536146045166
rdh_sum =
          45.0348170805401
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 60
dh =
```

```
           6.1167051045166
rdh_sum =
          45.6747495679326
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 61
dh =
           6.0791126045166
rdh_sum =
          46.3092021978903
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 62
dh =
           6.0408361045166
rdh_sum =
          46.9380573239141
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 63
dh =
           6.0025596045166
rdh_sum =
          47.5612975937324
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 64
dh =
           5.9642831045166
rdh_sum =
          48.1789064111981
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 65
dh =
           5.9260066045166
rdh_sum =
          48.7908679385234
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 66
dh =
           5.8877301045166
rdh_sum =
          49.3971670984127
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 67
dh =
           5.8620301045166
rdh_sum =
           49.999656294203
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 68
dh =
           5.8489066045166
rdh_sum =
          50.6001975477926
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 69
dh =
           5.8357831045166
rdh_sum =
          51.1987892675661
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 70
dh =
           5.8226601045166
rdh_sum =
          51.7954299671353
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 71
dh =
           5.8095366045166
rdh_sum =
          52.3901180423261
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 72
dh =
           5.7865706045166
rdh_sum =
          52.9813854552281
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 73
dh =
           5.7537626045166
rdh_sum =
           53.567758658751
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 74
dh =
           5.7209541045166
rdh_sum =
          54.1492290327597
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 75
dh =
```

```
           5.6881456045166
rdh_sum =
          54.7257885167177
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 76
dh =
           5.6553371045166
rdh_sum =
          55.2974295359634
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 77
dh =
           5.6225286045166
rdh_sum =
          55.8641450024594
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 78
dh =
           5.5897206045166
rdh_sum =
          56.4259283907077
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 90
dh =
           4.7403476045166
rdh_sum =
          56.8593131998669
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 91
dh =
           4.7148296045166
rdh_sum =
           57.288866279101
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 92
dh =
           4.6893121045166
rdh_sum =
          57.7145919198252
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 93
dh =
           4.6637946045166
rdh_sum =
          58.1364945674112
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 94
dh =
           4.6382766045166
rdh_sum =
           58.554578821269
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 95
dh =
           4.6127591045166
rdh_sum =
          58.9688496589766
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 96
dh =
           4.5872416045166
rdh_sum =
          59.3793122114833
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 97
dh =
           4.5617236045166
rdh_sum =
           59.785971763205
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 98
dh =
           4.5362061045166
rdh_sum =
          60.1888339752011
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 102
dh =
           3.8344711045166
rdh_sum =
          60.4903231742718
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 103
dh =
           3.7688541045166
rdh_sum =
           60.782722978911
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 104
dh =
```

```
           3.7032371045166
rdh_sum =
          61.0661155454898
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 105
dh =
           3.6376206045166
rdh_sum =
          61.3405866625786
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 106
dh =
           3.5740546045166
rdh_sum =
          61.6065001987138
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 107
dh =
           3.5145891045166
rdh_sum =
          61.8644868290953
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 108
dh =
           3.4571741045166
rdh_sum =
          62.1148945008283
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 109
dh =
           3.3997596045166
rdh_sum =
          62.3577989040397
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 110
dh =
           3.3423451045166
rdh_sum =
          62.5932779359422
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 111
dh =
           3.2849301045166
rdh_sum =
          62.8214116799453
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 112
dh =
           3.2275156045166
rdh_sum =
          63.0422825729321
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 113
dh =
           3.1701011045166
rdh_sum =
           63.255975188033
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 128
dh =
           1.3233666045166
rdh_sum =
          63.2956817008709
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 129
dh =
           1.2880346045166
rdh_sum =
          63.3333229652347
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 130
dh =
           1.2527026045166
rdh_sum =
          63.3689520336947
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 131
dh =
           1.2173706045166
rdh_sum =
          63.4026221897072
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 132
dh =
           1.1820381045166
rdh_sum =
           63.434386914916
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 133
dh =
```

```
           1.1467056045166
rdh_sum =
          63.4642999377056
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 134
dh =
           1.1017521045166
rdh_sum =
          63.4919350414865
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 142
dh =
         0.121156604516598
rdh_sum =
          63.4922723136011
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 143
dh =
         0.109226604516596
rdh_sum =
          63.4925464408818
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 144
dh =
        0.0972961045165981
rdh_sum =
          63.4927639585273
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 145
dh =
        0.0853656045165963
rdh_sum =
          63.4929314052601
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 146
dh =
        0.0734356045165967
rdh_sum =
          63.4930553221454
ans =
!------- End Berm Factor Calculation, Iter: 1 ---------!
berm_width =
   111
rB =
          0.455119422473842
rdh_mean =
          0.572009507406715
gamma_berm =
          0.805213214186649
slope =
          0.175915489758922
Irb =
           2.22801443101817
gamma_berm =
          0.805213214186649
gamma_perm =
     1
gamma_beta =
     1
gamma_rough =
     1
gamma =
          0.805213214186649
ans =
!!! - - Iribaren number:   1.79 is in the valid range (0.5-10), TAW RECOMMENDED - - !!!
ans =
!!! - - slope: 1:5.7 V:H is in the valid range (1:8 - 1:1), TAW RECOMMENDED - - !!!
R2_new =
          16.4522058162864
R2del =
          0.908905816286378
Z2 =
           26.323422420803
ans =
!----------------- STARTING ITERATION 2 -----------------!
Ztoe =
                    2.03675
toe_sta =
           84.080132894416
top_sta =
          334.055015163886
Z2 =
           26.323422420803
H0 =
                     5.1811
Tp =
                     14.019
T0 =
          12.7445454545455
R2 =
```

```
          16.4522058162864
Z2 =
           26.323422420803
top_sta =
          334.055015163886
Lslope =
           249.97488226947
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 1
dh =
           7.7632766045166
rdh_sum =
         0.852654006183964
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 2
dh =
           7.7468726045166
rdh_sum =
          1.70354085902299
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 3
dh =
           7.7304686045166
rdh_sum =
          2.55265187969483
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 4
dh =
           7.7140646045166
rdh_sum =
           3.3999784333006
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 5
dh =
           7.6976601045166
rdh_sum =
          4.24551187429484
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 6
dh =
           7.6812556045166
rdh_sum =
          5.08924365574538
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 7
dh =
           7.6648516045166
rdh_sum =
          5.93116533058679
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 8
dh =
           7.6484476045166
rdh_sum =
          6.77126844174121
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 9
dh =
           7.6320436045166
rdh_sum =
          7.60954457711106
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 10
dh =
           7.6156391045166
rdh_sum =
          8.44598531371813
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 11
dh =
           7.5992346045166
rdh_sum =
          9.28058232954258
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 12
dh =
           7.5828306045166
rdh_sum =
          10.1133274047434
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 13
dh =
           7.5599216045166
rdh_sum =
          10.9434723904669
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 14
dh =
           7.5305071045166
rdh_sum =
```

```
          11.7702556011328
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 15
dh =
           7.5010926045166
rdh_sum =
          12.5936510486205
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 16
dh =
           7.4716781045166
rdh_sum =
          13.4136330142289
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 17
dh =
           7.4422636045166
rdh_sum =
          14.2301760507206
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 18
dh =
           7.4128491045166
rdh_sum =
          15.0432549843469
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 19
dh =
           7.3834346045166
rdh_sum =
          15.8528449168487
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 20
dh =
           7.3540206045166
rdh_sum =
          16.6589212873708
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 21
dh =
           7.3246061045166
rdh_sum =
          17.4614596950303
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 22
dh =
           7.2951916045166
rdh_sum =
          18.2604360798256
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 23
dh =
           7.2657771045166
rdh_sum =
          19.0558266650325
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 24
dh =
           7.2363626045166
rdh_sum =
          19.8476079590952
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 25
dh =
           7.2069481045166
rdh_sum =
          20.6357567574941
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 26
dh =
           7.1775336045166
rdh_sum =
          21.4202501445914
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 27
dh =
           7.1475536045166
rdh_sum =
          22.2009945646876
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 28
dh =
           7.1164421045166
rdh_sum =
          22.9778240059777
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 29
dh =
           7.0847651045166
rdh_sum =
```

```
          23.7506420052684
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 30
dh =
           7.0530881045166
rdh_sum =
          24.5194234001146
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 31
dh =
           7.0214111045166
rdh_sum =
          25.2841434003735
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 32
dh =
           6.9897341045166
rdh_sum =
          26.0447775904915
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 33
dh =
           6.9580571045166
rdh_sum =
          26.8013019317559
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 34
dh =
           6.9263801045166
rdh_sum =
          27.5536927645119
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 35
dh =
           6.8947031045166
rdh_sum =
          28.3019268103448
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 36
dh =
           6.8630261045166
rdh_sum =
          29.0459811742274
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 37
dh =
           6.8313491045166
rdh_sum =
          29.7858333466309
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 38
dh =
           6.7996716045166
rdh_sum =
          30.5214611387512
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 39
dh =
           6.7679941045166
rdh_sum =
           31.25284281757
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 40
dh =
           6.7363171045166
rdh_sum =
          31.9799571092315
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 41
dh =
           6.7046401045166
rdh_sum =
          32.7027830666172
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 42
dh =
           6.6753801045166
rdh_sum =
           33.421629627493
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 43
dh =
           6.6485371045166
rdh_sum =
          34.1368103525298
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 44
dh =
           6.6216936045166
rdh_sum =
```

```
           34.848310921628
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 45
dh =
           6.5948501045166
rdh_sum =
           35.5561173265822
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 46
dh =
           6.5680071045166
rdh_sum =
           36.2602158730533
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 47
dh =
           6.5411641045166
rdh_sum =
           36.9605930435937
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 48
dh =
           6.5143211045166
rdh_sum =
           37.6572355672229
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 49
dh =
           6.4874776045166
rdh_sum =
           38.3501303503788
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 50
dh =
           6.4606341045166
rdh_sum =
           39.0392646171633
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 51
dh =
           6.4337911045166
rdh_sum =
           39.7246259111404
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 52
dh =
           6.4069481045166
rdh_sum =
           40.4062019558309
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 53
dh =
           6.3750716045166
rdh_sum =
           41.0832673559498
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 54
dh =
           6.3381621045166
rdh_sum =
           41.7550892907014
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 55
dh =
           6.3012526045166
rdh_sum =
           42.4216462448818
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 56
dh =
           6.2643431045166
rdh_sum =
           43.0829173625575
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 57
dh =
           6.2274336045166
rdh_sum =
           43.7388824496769
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 58
dh =
           6.1905241045166
rdh_sum =
           44.3895219765993
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 59
dh =
           6.1536146045166
rdh_sum =
```

```
          45.0348170805401
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 60
dh =
           6.1167051045166
rdh_sum =
          45.6747495679326
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 61
dh =
           6.0791126045166
rdh_sum =
          46.3092021978903
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 62
dh =
           6.0408361045166
rdh_sum =
          46.9380573239141
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 63
dh =
           6.0025596045166
rdh_sum =
          47.5612975937324
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 64
dh =
           5.9642831045166
rdh_sum =
          48.1789064111981
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 65
dh =
           5.9260066045166
rdh_sum =
          48.7908679385234
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 66
dh =
           5.8877301045166
rdh_sum =
          49.3971670984127
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 67
dh =
           5.8620301045166
rdh_sum =
           49.999656294203
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 68
dh =
           5.8489066045166
rdh_sum =
          50.6001975477926
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 69
dh =
           5.8357831045166
rdh_sum =
          51.1987892675661
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 70
dh =
           5.8226601045166
rdh_sum =
          51.7954299671353
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 71
dh =
           5.8095366045166
rdh_sum =
          52.3901180423261
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 72
dh =
           5.7865706045166
rdh_sum =
          52.9813854552281
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 73
dh =
           5.7537626045166
rdh_sum =
           53.567758658751
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 74
dh =
           5.7209541045166
rdh_sum =
```

```
          54.1492290327597
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 75
dh =
           5.6881456045166
rdh_sum =
          54.7257885167177
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 76
dh =
           5.6553371045166
rdh_sum =
          55.2974295359634
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 77
dh =
           5.6225286045166
rdh_sum =
          55.8641450024594
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 78
dh =
           5.5897206045166
rdh_sum =
          56.4259283907077
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 90
dh =
           4.7403476045166
rdh_sum =
          56.8593131998669
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 91
dh =
           4.7148296045166
rdh_sum =
           57.288866279101
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 92
dh =
           4.6893121045166
rdh_sum =
          57.7145919198252
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 93
dh =
           4.6637946045166
rdh_sum =
          58.1364945674112
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 94
dh =
           4.6382766045166
rdh_sum =
           58.554578821269
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 95
dh =
           4.6127591045166
rdh_sum =
          58.9688496589766
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 96
dh =
           4.5872416045166
rdh_sum =
          59.3793122114833
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 97
dh =
           4.5617236045166
rdh_sum =
           59.785971763205
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 98
dh =
           4.5362061045166
rdh_sum =
          60.1888339752011
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 102
dh =
           3.8344711045166
rdh_sum =
          60.4903231742718
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 103
dh =
           3.7688541045166
rdh_sum =
```

```
           60.782722978911
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 104
dh =
           3.7032371045166
rdh_sum =
           61.0661155454898
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 105
dh =
           3.6376206045166
rdh_sum =
           61.3405866625786
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 106
dh =
           3.5740546045166
rdh_sum =
           61.6065001987138
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 107
dh =
           3.5145891045166
rdh_sum =
           61.8644868290953
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 108
dh =
           3.4571741045166
rdh_sum =
           62.1148945008283
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 109
dh =
           3.3997596045166
rdh_sum =
           62.3577989040397
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 110
dh =
           3.3423451045166
rdh_sum =
           62.5932779359422
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 111
dh =
           3.2849301045166
rdh_sum =
           62.8214116799453
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 112
dh =
           3.2275156045166
rdh_sum =
           63.0422825729321
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 113
dh =
           3.1701011045166
rdh_sum =
           63.255975188033
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 128
dh =
           1.3233666045166
rdh_sum =
           63.2956817008709
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 129
dh =
           1.2880346045166
rdh_sum =
           63.3333229652347
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 130
dh =
           1.2527026045166
rdh_sum =
           63.3689520336947
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 131
dh =
           1.2173706045166
rdh_sum =
           63.4026221897072
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 132
dh =
           1.1820381045166
rdh_sum =
```

```
           63.434386914916
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 133
dh =
           1.1467056045166
rdh_sum =
           63.4642999377056
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 134
dh =
           1.1017521045166
rdh_sum =
           63.4919350414865
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 142
dh =
          0.121156604516598
rdh_sum =
           63.4922723136011
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 143
dh =
          0.109226604516596
rdh_sum =
           63.4925464408818
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 144
dh =
         0.0972961045165981
rdh_sum =
           63.4927639585273
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 145
dh =
         0.0853656045165963
rdh_sum =
           63.4929314052601
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 146
dh =
         0.0734356045165967
rdh_sum =
           63.4930553221454
ans =
!------- End Berm Factor Calculation, Iter: 2 ---------!
berm_width =
   111
rB =
           0.444044613571789
rdh_mean =
           0.572009507406715
gamma_berm =
           0.809953127104015
slope =
           0.174755840941902
Irb =
           2.21332718373383
gamma_berm =
           0.809953127104015
gamma_perm =
     1
gamma_beta =
     1
gamma_rough =
     1
gamma =
           0.809953127104015
ans =
!!! - - Iribaren number:   1.79 is in the valid range (0.5-10), TAW RECOMMENDED - - !!!
ans =
!!! - - slope: 1:5.7 V:H is in the valid range (1:8 - 1:1), TAW RECOMMENDED - - !!!
R2_new =
           16.4399595825935
R2del =
         0.0122462336929132
Z2 =
           26.3111761871101
ans =
!----------------- STARTING ITERATION 3 -----------------!
Ztoe =
                    2.03675
toe_sta =
            84.080132894416
top_sta =
           333.973057248379
Z2 =
           26.3111761871101
H0 =
                     5.1811
Tp =
```

```
                   14.019
T0 =
          12.7445454545455
R2 =
          16.4399595825935
Z2 =
          26.3111761871101
top_sta =
          333.973057248379
Lslope =
          249.892924353963
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 1
dh =
           7.7632766045166
rdh_sum =
         0.852654006183964
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 2
dh =
           7.7468726045166
rdh_sum =
          1.70354085902299
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 3
dh =
           7.7304686045166
rdh_sum =
          2.55265187969483
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 4
dh =
           7.7140646045166
rdh_sum =
           3.3999784333006
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 5
dh =
           7.6976601045166
rdh_sum =
          4.24551187429484
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 6
dh =
           7.6812556045166
rdh_sum =
          5.08924365574538
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 7
dh =
           7.6648516045166
rdh_sum =
          5.93116533058679
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 8
dh =
           7.6484476045166
rdh_sum =
          6.77126844174121
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 9
dh =
           7.6320436045166
rdh_sum =
          7.60954457711106
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 10
dh =
           7.6156391045166
rdh_sum =
          8.44598531371813
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 11
dh =
           7.5992346045166
rdh_sum =
          9.28058232954258
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 12
dh =
           7.5828306045166
rdh_sum =
          10.1133274047434
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 13
dh =
           7.5599216045166
rdh_sum =
          10.9434723904669
ans =
```

```
Berm Factor Calculation: Iteration 3, Profile Segment: 14
dh =
           7.5305071045166
rdh_sum =
          11.7702556011328
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 15
dh =
           7.5010926045166
rdh_sum =
          12.5936510486205
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 16
dh =
           7.4716781045166
rdh_sum =
          13.4136330142289
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 17
dh =
           7.4422636045166
rdh_sum =
          14.2301760507206
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 18
dh =
           7.4128491045166
rdh_sum =
          15.0432549843469
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 19
dh =
           7.3834346045166
rdh_sum =
          15.8528449168487
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 20
dh =
           7.3540206045166
rdh_sum =
          16.6589212873708
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 21
dh =
           7.3246061045166
rdh_sum =
          17.4614596950303
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 22
dh =
           7.2951916045166
rdh_sum =
          18.2604360798256
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 23
dh =
           7.2657771045166
rdh_sum =
          19.0558266650325
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 24
dh =
           7.2363626045166
rdh_sum =
          19.8476079590952
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 25
dh =
           7.2069481045166
rdh_sum =
          20.6357567574941
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 26
dh =
           7.1775336045166
rdh_sum =
          21.4202501445914
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 27
dh =
           7.1475536045166
rdh_sum =
          22.2009945646876
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 28
dh =
           7.1164421045166
rdh_sum =
          22.9778240059777
ans =
```

```
Berm Factor Calculation: Iteration 3, Profile Segment: 29
dh =
           7.0847651045166
rdh_sum =
          23.7506420052684
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 30
dh =
           7.0530881045166
rdh_sum =
          24.5194234001146
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 31
dh =
           7.0214111045166
rdh_sum =
          25.2841434003735
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 32
dh =
           6.9897341045166
rdh_sum =
          26.0447775904915
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 33
dh =
           6.9580571045166
rdh_sum =
          26.8013019317559
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 34
dh =
           6.9263801045166
rdh_sum =
          27.5536927645119
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 35
dh =
           6.8947031045166
rdh_sum =
          28.3019268103448
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 36
dh =
           6.8630261045166
rdh_sum =
          29.0459811742274
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 37
dh =
           6.8313491045166
rdh_sum =
          29.7858333466309
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 38
dh =
           6.7996716045166
rdh_sum =
          30.5214611387512
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 39
dh =
           6.7679941045166
rdh_sum =
           31.25284281757
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 40
dh =
           6.7363171045166
rdh_sum =
          31.9799571092315
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 41
dh =
           6.7046401045166
rdh_sum =
          32.7027830666172
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 42
dh =
           6.6753801045166
rdh_sum =
           33.421629627493
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 43
dh =
           6.6485371045166
rdh_sum =
          34.1368103525298
ans =
```

```
Berm Factor Calculation: Iteration 3, Profile Segment: 44
dh =
           6.6216936045166
rdh_sum =
           34.848310921628
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 45
dh =
           6.5948501045166
rdh_sum =
           35.5561173265822
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 46
dh =
           6.5680071045166
rdh_sum =
           36.2602158730533
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 47
dh =
           6.5411641045166
rdh_sum =
           36.9605930435937
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 48
dh =
           6.5143211045166
rdh_sum =
           37.6572355672229
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 49
dh =
           6.4874776045166
rdh_sum =
           38.3501303503788
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 50
dh =
           6.4606341045166
rdh_sum =
           39.0392646171633
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 51
dh =
           6.4337911045166
rdh_sum =
           39.7246259111404
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 52
dh =
           6.4069481045166
rdh_sum =
           40.4062019558309
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 53
dh =
           6.3750716045166
rdh_sum =
           41.0832673559498
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 54
dh =
           6.3381621045166
rdh_sum =
           41.7550892907014
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 55
dh =
           6.3012526045166
rdh_sum =
           42.4216462448818
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 56
dh =
           6.2643431045166
rdh_sum =
           43.0829173625575
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 57
dh =
           6.2274336045166
rdh_sum =
           43.7388824496769
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 58
dh =
           6.1905241045166
rdh_sum =
           44.3895219765993
ans =
```

```
Berm Factor Calculation: Iteration 3, Profile Segment: 59
dh =
           6.1536146045166
rdh_sum =
          45.0348170805401
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 60
dh =
           6.1167051045166
rdh_sum =
          45.6747495679326
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 61
dh =
           6.0791126045166
rdh_sum =
          46.3092021978903
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 62
dh =
           6.0408361045166
rdh_sum =
          46.9380573239141
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 63
dh =
           6.0025596045166
rdh_sum =
          47.5612975937324
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 64
dh =
           5.9642831045166
rdh_sum =
          48.1789064111981
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 65
dh =
           5.9260066045166
rdh_sum =
          48.7908679385234
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 66
dh =
           5.8877301045166
rdh_sum =
          49.3971670984127
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 67
dh =
           5.8620301045166
rdh_sum =
           49.999656294203
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 68
dh =
           5.8489066045166
rdh_sum =
          50.6001975477926
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 69
dh =
           5.8357831045166
rdh_sum =
          51.1987892675661
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 70
dh =
           5.8226601045166
rdh_sum =
          51.7954299671353
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 71
dh =
           5.8095366045166
rdh_sum =
          52.3901180423261
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 72
dh =
           5.7865706045166
rdh_sum =
          52.9813854552281
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 73
dh =
           5.7537626045166
rdh_sum =
           53.567758658751
ans =
```

```
Berm Factor Calculation: Iteration 3, Profile Segment: 74
dh =
           5.7209541045166
rdh_sum =
          54.1492290327597
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 75
dh =
           5.6881456045166
rdh_sum =
          54.7257885167177
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 76
dh =
           5.6553371045166
rdh_sum =
          55.2974295359634
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 77
dh =
           5.6225286045166
rdh_sum =
          55.8641450024594
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 78
dh =
           5.5897206045166
rdh_sum =
          56.4259283907077
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 90
dh =
           4.7403476045166
rdh_sum =
          56.8593131998669
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 91
dh =
           4.7148296045166
rdh_sum =
           57.288866279101
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 92
dh =
           4.6893121045166
rdh_sum =
          57.7145919198252
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 93
dh =
           4.6637946045166
rdh_sum =
          58.1364945674112
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 94
dh =
           4.6382766045166
rdh_sum =
           58.554578821269
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 95
dh =
           4.6127591045166
rdh_sum =
          58.9688496589766
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 96
dh =
           4.5872416045166
rdh_sum =
          59.3793122114833
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 97
dh =
           4.5617236045166
rdh_sum =
           59.785971763205
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 98
dh =
           4.5362061045166
rdh_sum =
          60.1888339752011
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 102
dh =
           3.8344711045166
rdh_sum =
          60.4903231742718
ans =
```

```
Berm Factor Calculation: Iteration 3, Profile Segment: 103
dh =
           3.7688541045166
rdh_sum =
           60.782722978911
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 104
dh =
           3.7032371045166
rdh_sum =
           61.0661155454898
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 105
dh =
           3.6376206045166
rdh_sum =
           61.3405866625786
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 106
dh =
           3.5740546045166
rdh_sum =
           61.6065001987138
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 107
dh =
           3.5145891045166
rdh_sum =
           61.8644868290953
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 108
dh =
           3.4571741045166
rdh_sum =
           62.1148945008283
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 109
dh =
           3.3997596045166
rdh_sum =
           62.3577989040397
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 110
dh =
           3.3423451045166
rdh_sum =
           62.5932779359422
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 111
dh =
           3.2849301045166
rdh_sum =
           62.8214116799453
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 112
dh =
           3.2275156045166
rdh_sum =
           63.0422825729321
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 113
dh =
           3.1701011045166
rdh_sum =
           63.255975188033
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 128
dh =
           1.3233666045166
rdh_sum =
           63.2956817008709
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 129
dh =
           1.2880346045166
rdh_sum =
           63.3333229652347
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 130
dh =
           1.2527026045166
rdh_sum =
           63.3689520336947
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 131
dh =
           1.2173706045166
rdh_sum =
           63.4026221897072
ans =
```

```
Berm Factor Calculation: Iteration 3, Profile Segment: 132
dh =
           1.1820381045166
rdh_sum =
           63.434386914916
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 133
dh =
           1.1467056045166
rdh_sum =
          63.4642999377056
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 134
dh =
           1.1017521045166
rdh_sum =
          63.4919350414865
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 142
dh =
         0.121156604516598
rdh_sum =
           63.4922723136011
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 143
dh =
         0.109226604516596
rdh_sum =
           63.4925464408818
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 144
dh =
        0.0972961045165981
rdh_sum =
           63.4927639585273
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 145
dh =
        0.0853656045165963
rdh_sum =
           63.4929314052601
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 146
dh =
        0.0734356045165967
rdh_sum =
           63.4930553221454
ans =
!------- End Berm Factor Calculation, Iter: 3 ---------!
berm_width =
   111
rB =
         0.444190247830999
rdh_mean =
         0.572009507406715
gamma_berm =
         0.809890797025677
slope =
          0.17477079052096
Irb =
           2.21351652395581
gamma_berm =
         0.809890797025677
gamma_perm =
     1
gamma_beta =
     1
gamma_rough =
     1
gamma =
         0.809890797025677
ans =
!!! - - Iribaren number:   1.79 is in the valid range (0.5-10), TAW RECOMMENDED - - !!!
ans =
!!! - - slope: 1:5.7 V:H is in the valid range (1:8 - 1:1), TAW RECOMMENDED - - !!!
R2_new =
           16.4401006993975
R2del =
      0.000141116803987984
Z2 =
           26.311317303914
% final 2% runup elevation
Z2=R2_new+SWEL
Z2 =
           26.311317303914
diary off
-1.000000e+00
-1.000000e+00
```

PART 5: RUNUP2

for transect: YK-92

Station locations shifted by: -3.93 feet from their
original location to set the shoreline to
elevation 0 for RUNUP2 input

RUNUP2 INPUT CONVERSIONS
for transect: YK-92

Incident significant wave height: 18.93 feet

Peak wave period: 14.35 seconds

Mean wave height: 11.85 feet

Local Depth below SWEL: 37.42 feet

Mean wave height deshoaled using Hunt approximation for
celerity assuming constant wave energy flux.
References: R.G. Dean and R.A. Dalrymple. 2000. Water

Wave Mechanics for Engineers and Scientists. World
Scientific Publishing Company, River Edge New Jersy

USACE (1985), Direct Methods for Calculating Wavelength, CETN-1-17
US Army Engineer Waterways Experiment Station Coastel Engineering
Research Center, Vicksburg, MS

also see Coastal Engineering Manual Part II-3
for discussion of shoaling coefficient

Depth, D = 37.42
Period, T = 12.20
Waveheight, H = 11.85
Deep water wavelength, L0 (ft)
L0 = g*T*T/twopi
L0 = 32.17*12.20*12.20/6.28 = 761.71
Deep water wave celerity, C0 (ft/s)
C0 = L0/T
C0 = 761.71/12.20 = 62.45
Angular frequency, sigma (rad/s)
sigma = twopi/T
sigma = 6.28/12.20 = 0.52
Hunts (1979) approximation for Celerity C1H (ft/s) at Depth D (ft)
y = sigma.*sigma.*D./g
y = 0.52*0.52*37.42/32.17 = 0.31
C1H = sqrt(g.*D./(y+1./(1 + 0.6522.*y + 0.4622.*y.^2 + 0.0864.*y.^4 +0.0675.*y.^5)))
C1H = 32.92
Shoaling Coefficient KsH
KsH = sqrt(C0/C1H)
KsH = sqrt(62.45/32.92) = 1.38
Deepwater Wave Height H0_H (ft)
H0_H = H/KsH
H0_H = 11.85/1.38 = 8.60

Deepwater mean wave height: 8.60 feet

END RUNUP2 CONVERSIONS

RUNUP2 RESULTS
for transect: YK-92

RUNUP2 SWEL:
8.80
8.80
8.80
8.80

8.80
8.80
8.80
8.80
8.80

RUNUP2 deepwater mean wave heights:
8.17
8.17
8.17
8.60
8.60
8.60
9.03
9.03
9.03

RUNUP2 mean wave periods:
11.59
12.20
12.81
11.59
12.20
12.81
11.59
12.20
12.81

RUNUP2 runup above SWEL:
2.29
2.25
2.29
2.19
2.24
2.19
2.12
2.26
2.21

RUNUP2 Mean runup height above SWEL: 2.23 feet

RUNUP2 2-percent runup height above SWEL: 4.90 feet

RUNUP2 2-percent runup elevation: 13.70 feet-NAVD88

RUNUP2 Messages:
No Messages

_____END RUNUP2 RESULTS_____

_____ACES BEACH RUNUP_____

Incident significant wave height: 18.93 feet

Significant wave height is mean wave height divided by 0.626
Reference: D.2.8.1.2.1 Atlanic and Gulf of Mexico G&S Feb. 2007

Deepwater significant wave height: 13.74 feet

Peak wave period: 14.35 seconds

Average beach Slope: 1:50.79 (H:V)

ACES IRREGULAR WAVE RUNUP ON BEACHES

Reference:
Leenknecht, David A., Andre Szuwaiski, and Ann Sherlock. 1992.
"Automated Coastal Engineering System Technical Reference",
Coastal Engineering Research Center, Department of the Army

```
# Waterways Experiments Station, Corps of Eniggneers, 3909 Halls
# Ferry Road, Vicksburg, Mississippi 39180-6199.

INPUTS:

Acceleration Due to Gravity,        g  =   32.174
Deepwater Significant Wave height,  Hs =    13.74
Wave Period,                        T  =    14.35
Beach Slope,                        S  =    0.020

EQUATIONS:

Runup,           R   = Hs * a * Irb^b
Iribarren,       Irb = S/sqrt(Hs/L0)
Wavelength,      L0  = g * T^2 / 2 / pi

COEFFICIENTS:
(Mase, H. 1989, "Random Wave Runup Height on Gentle Slopes,"
j. Waterway, Port, Coastal and Ocean Engineering Division,
ASCE, Vol 115, No. 5, pp 649-661.)

               [Rmax,  R2%, R-1/3, R-1/10, R-mean]
          a = [2.32, 1.86,  1.70,   1.38,   0.88]
          b = [0.77, 0.71,  0.71,   0.70,   0.69]

RESULTS:

       RUNUP = [ 8.2,  7.3,   6.7,    5.5,    3.6]

ACES RUNUP CALCULATED USING 'Aces_Beach_Runup.m'

ACES Beach 2-percent runup height above SWEL: 7.34 feet

ACES Beach 2-percent runup elevation: 16.14 feet-NAVD88

ACES BEACH RUNUP is valid

_____________END ACES BEACH RESULTS_____________________

PART 5 COMPLETE_____________________________________________
```

```
  FEMA                                                  sjh           job 2
  RUNUP2 transect: YK-92                                                  1
4.00
  -28.59 -1871.1 1.0
  -28.59 -1838.1 1.0
  -26.69 -1695.1 1.0
  -24.95 -1530.1 1.0
  -22.11 -1233.1 1.0
  -20.49 -1100.1 1.0
  -19.18 -969.1 1.0
  -17.46 -850.1 1.0
  -15.56 -733.1 1.0
  -12.95 -615.1 1.0
  -10.61 -494.1 1.0
  -9.00 -395.1 1.0
  -3.74 -184.1 1.0
  0.62  30.9   1.0
  2.30  102.9  1.0
  4.30  168.9  1.0
  5.35  188.9  1.0
  8.17  213.9  1.0
  9.81  237.4  1.0
1 13.16 249.4  1.0
 8.8   8.17  11.59
 8.8   8.17  12.20
 8.8   8.17  12.81
 8.8   8.60  11.59
 8.8   8.60  12.20
 8.8   8.60  12.81
 8.8   9.03  11.59
 8.8   9.03  12.20
 8.8   9.03  12.81
```

****

CROSS SECTION PROFILE

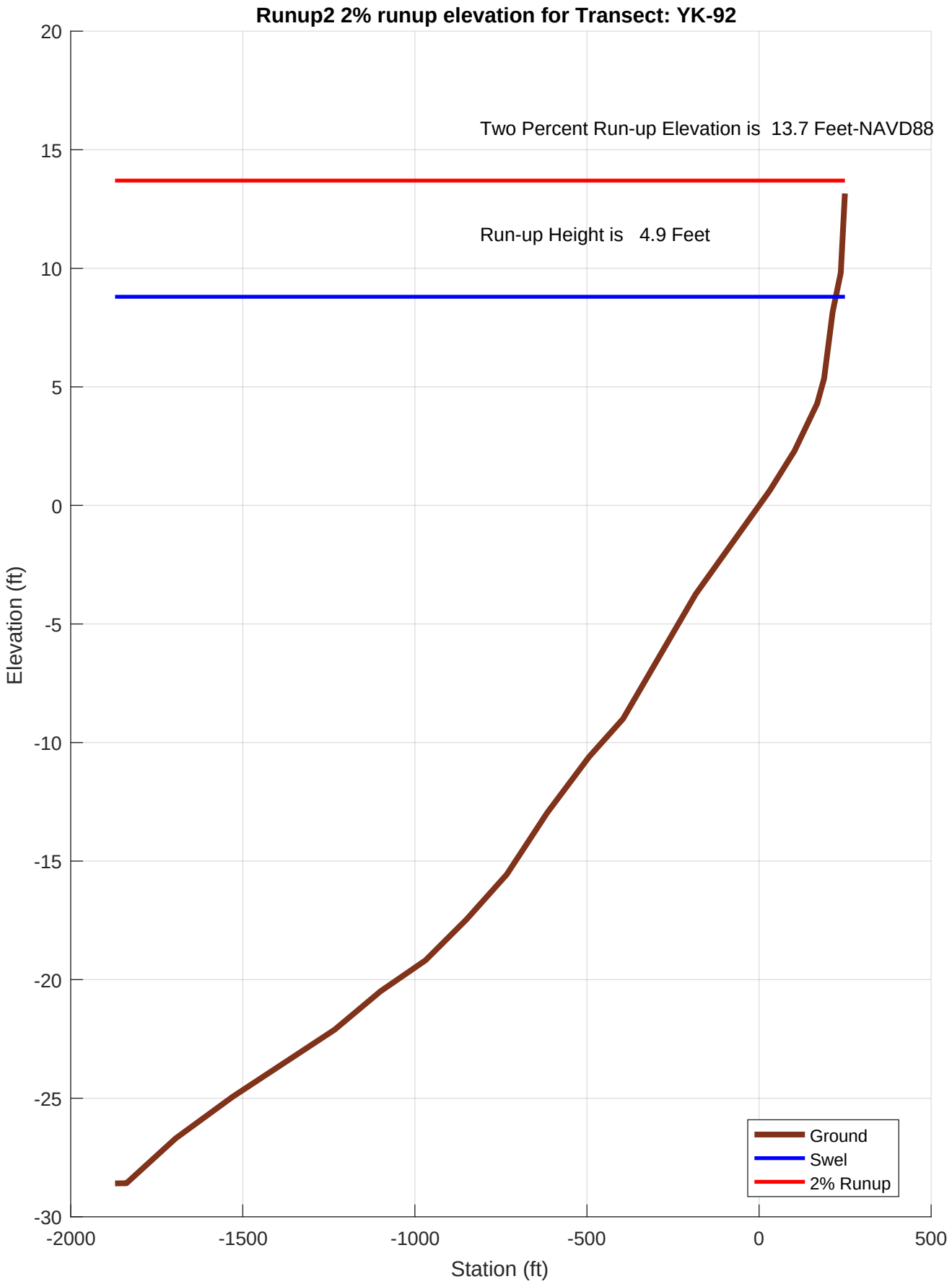
	LENGTH	ELEV.	SLOPE	ROUGHNESS
1	-187.1	-28.5		
			.00	11.00
2	-183.8	-28.5		
			7.53	11.00
3	-169.5	-26.6		
			9.71	11.00
4	-153.0	-24.9		
			10.61	11.00
5	-123.3	-22.1		
			7.82	11.00
6	-110.0	-20.4		
			-660.77	11.00
7	-969.0	-19.1		
			70.00	1.00
8	-850.0	-17.4		
			61.58	1.00
9	-733.0	-15.5		
			45.38	1.00
10	-615.0	-12.9		
			52.61	1.00
11	-494.0	-10.6		
			61.81	1.00
12	-395.1	-9.0		
			40.11	1.00
13	-184.1	-3.7		
			49.31	1.00
14	30.9	.6		
			42.86	1.00
15	102.9	2.3		
			33.00	1.00
16	168.9	4.3		
			19.05	1.00
17	188.9	5.4		
			8.87	1.00
18	213.9	8.2		
			14.33	1.00
19	237.4	9.8		
			3.58	1.00
20	249.4	13.2		

LAST SLOPE 4.00 LAST ROUGHNESS 1.00

****

OUTPUT TABLE

INPUT PARAMETERS			RUNUP RESULTS			
WATER LEVEL ABOVE DATUM (FT.)	DEEP WATER WAVE HEIGHT (FT.)	WAVE PERIOD (SEC.)	BREAKING SLOPE NUMBER	RUNUP SLOPE NUMBER	RUNUP ABOVE WATER LEVEL (FT.)	BREAKER DEPTH (FT.)
8.80	8.17	11.59	11	19	2.29	15.26
8.80	8.17	12.20	11	19	2.25	15.57
8.80	8.17	12.81	11	19	2.29	15.88
8.80	8.60	11.59	11	19	2.19	15.90
8.80	8.60	12.20	11	19	2.24	16.22
8.80	8.60	12.81	11	19	2.19	16.54
8.80	9.03	11.59	11	19	2.12	16.55
8.80	9.03	12.20	11	19	2.26	16.87
8.80	9.03	12.81	11	19	2.21	17.20


Runup2 2% runup elevation for Transect: YK-92
Two Percent Run-up Elevation is 13.7 Feet-NAVD88
Run-up Height is 4.9 Feet
Ground
Swel
2% Runup
Elevation (ft)
Station (ft)
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-2000
-1500
-1000
-500
0
500