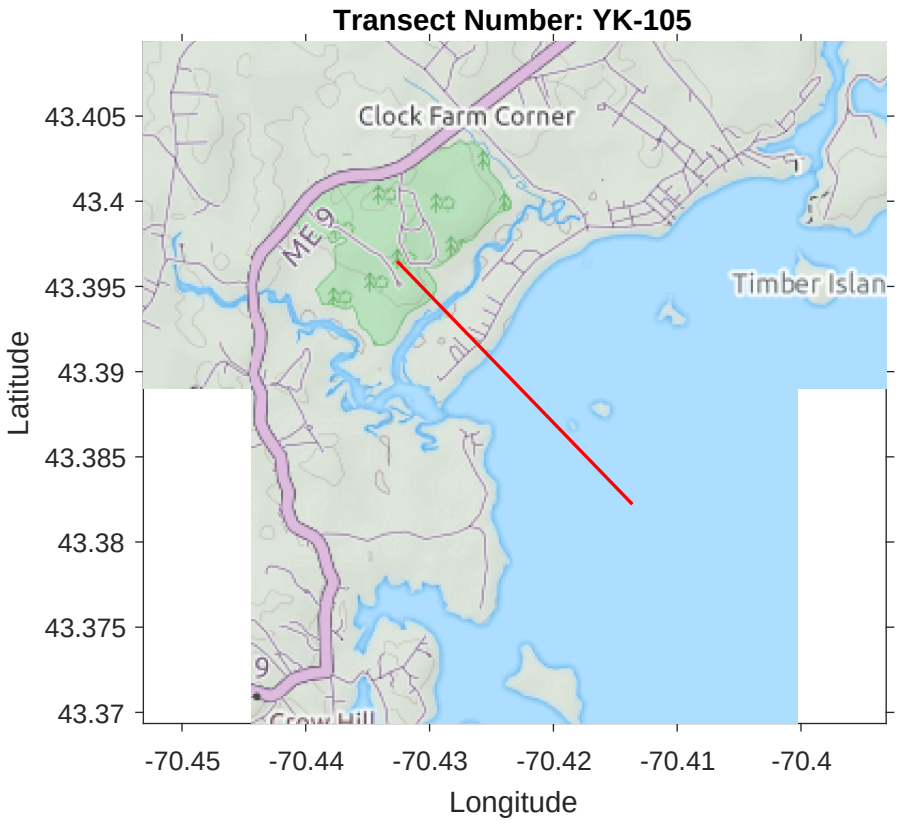
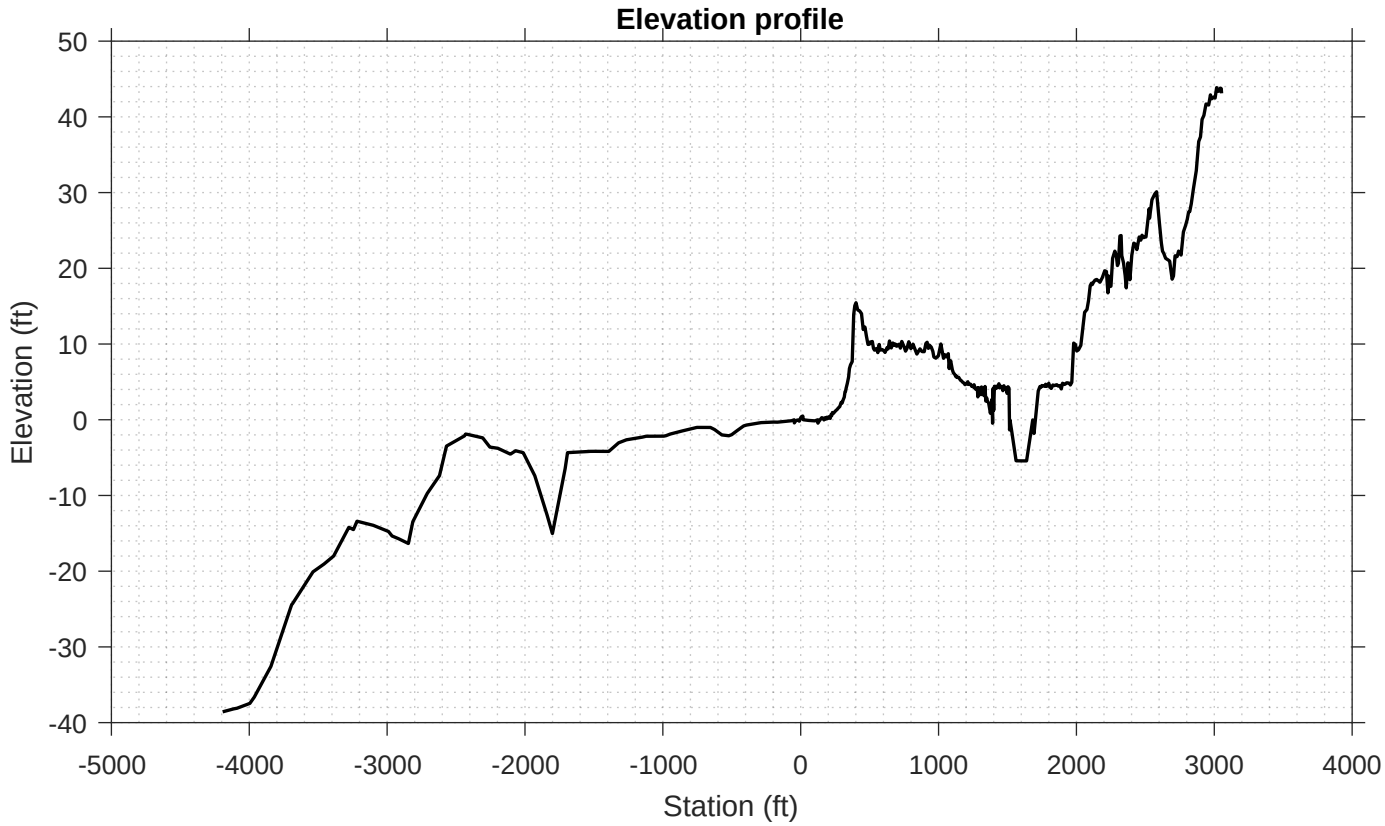

Transect Number: YK-105
Clock Farm Corner
ME 9
Timber Islan
Crow Hill
43.405
43.4
43.395
43.39
43.385
43.38
43.375
43.37
Latitude
-70.45
-70.44
-70.43
-70.42
-70.41
-70.4
Longitude


Elevation profile
50
40
30
20
10
0
-10
-20
-30
-40
Elevation (ft)
-5000
-4000
-3000
-2000
-1000
0
1000
2000
3000
4000
Station (ft)

DATA LOG FOR TRANSECT ID: YK-105

PART 1: USER INPUT

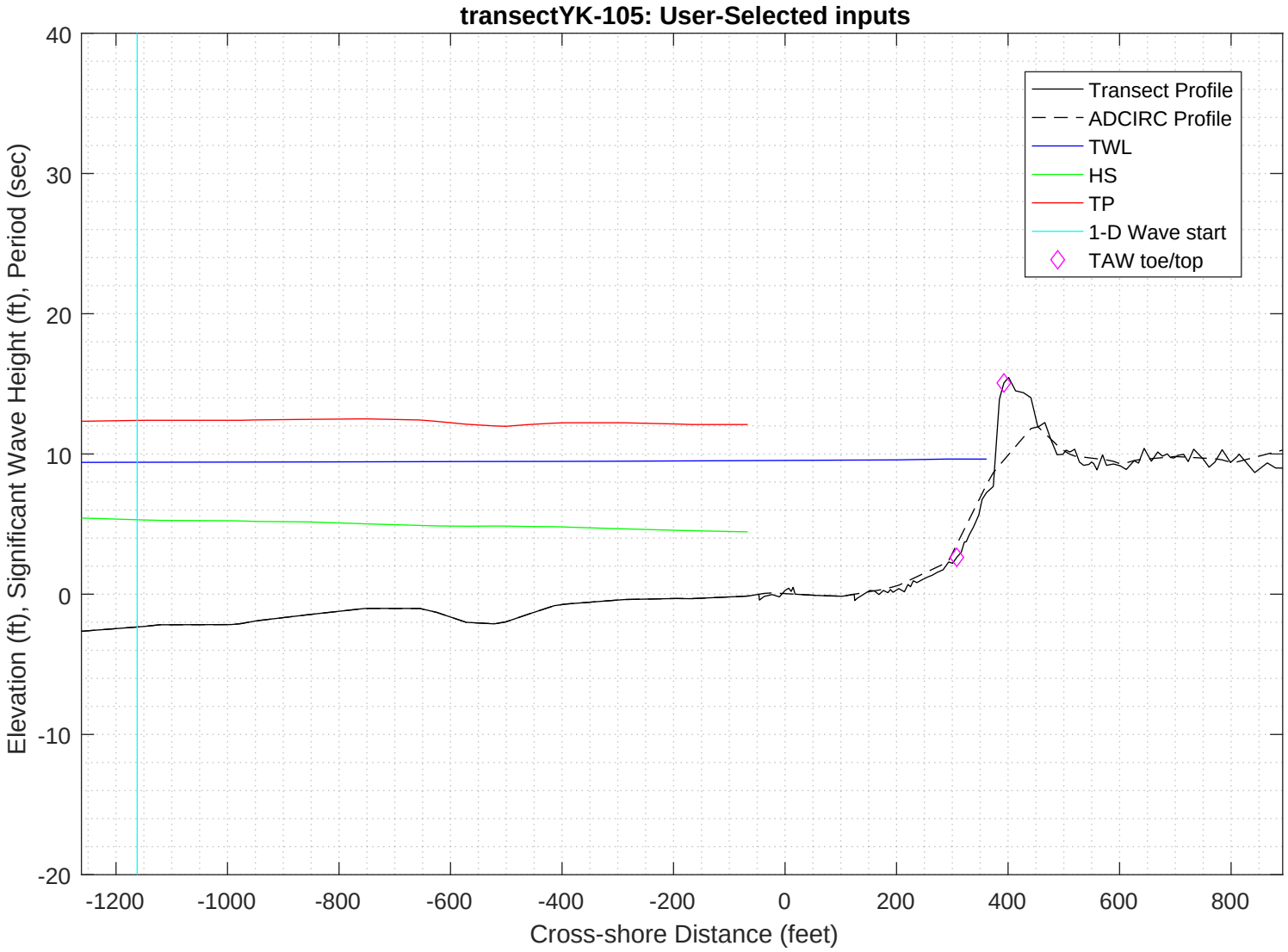
SWAN 1-D / WHAFIS input

station: -1162 ft
LON: -70.4216 deg E
LAT: 43.3882 deg N
Bottom ELEV: -2.337 ft-NAVD88
TWL: 9.4073 ft-NAVD88
HS: 5.3093 ft
TP: 12.3923 sec
Wave Direction bin: 135 deg CCW from East (90 deg sector)
Transect Direction: 143.1095 deg CCW from East

TAW/RUNUP input

toe sta: 308 ft
toe elev: 2.628 ft-NAVD88
top sta: 392.5 ft
top elev: 15.0623 ft-NAVD88
Wave and water level conditions at toe to be calculated in SWAN 1-D

PART 1 COMPLETE


transectYK-105: 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
-1200
-1000
-800
-600
-400
-200
0
200
400
600
800

PART 2: SWAN 1-D

swan input grid name: 2_swan/gridfiles/YK-105zmeters_xmeters.grd
swan file name: 2_swan/swanfiles/YK-105.swn
swan output name: 2_swan/swanfiles/YK-105.dat

Boundary Conditions:
    TWL- 2.8674 meters
    HS- 1.6183 meters
    PER- 12.3923 seconds

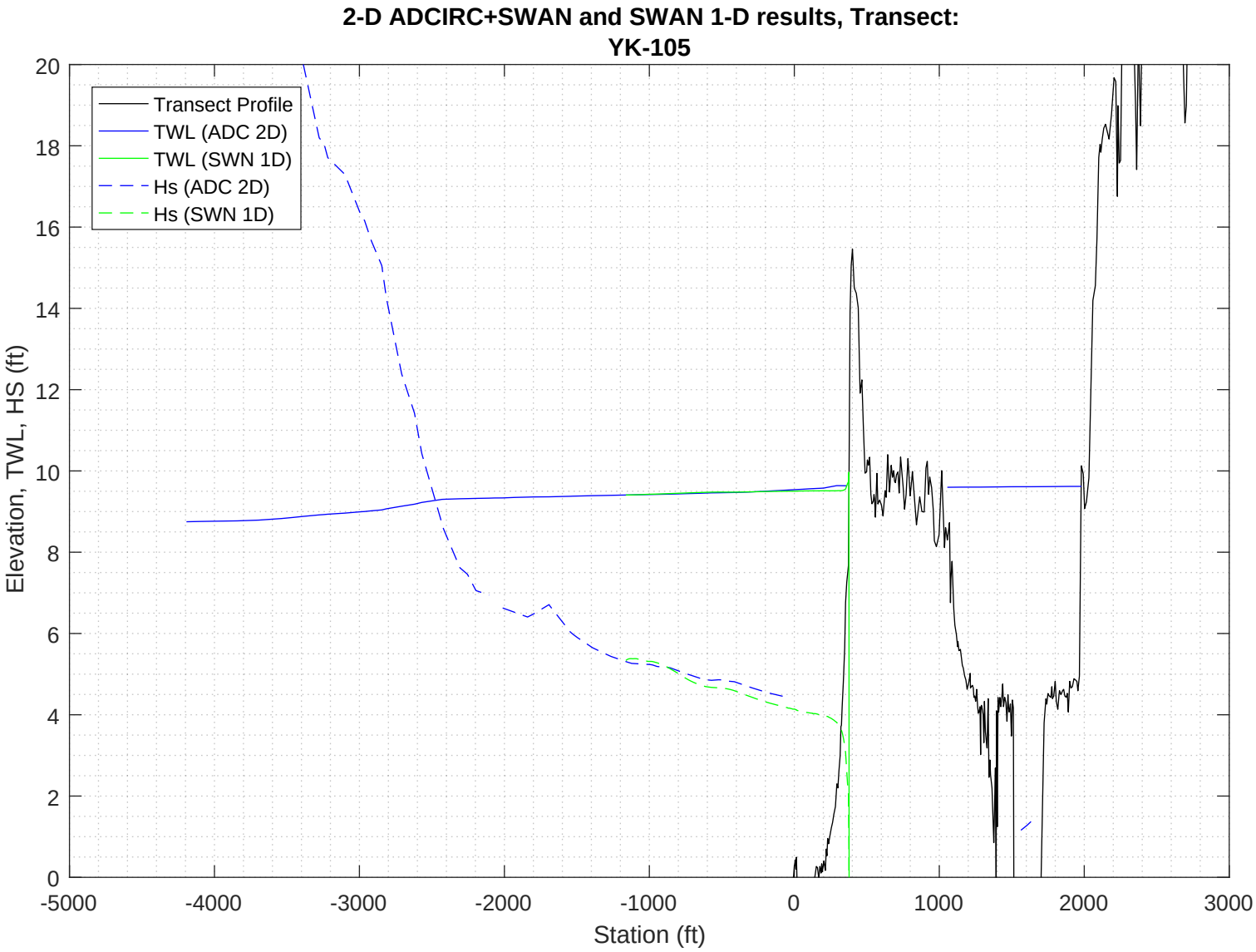
Batch File: 2_swan/swanfiles/runswan.dat

SWAN maximum additional wave setup: 0.56123 feet
SWAN output at toe:
    SETUP- 0.10581 feet
    HS-   3.7367 feet
    PER-   12.3575 seconds

PART 2 COMPLETE

SWAN maximum additional wave setup: 0.56123 feet
SWAN output at toe:
    SETUP- 0.10581 feet
    HS-   3.7367 feet
    PER-   12.3575 seconds

PART 2 COMPLETE


2-D ADCIRC+SWAN and SWAN 1-D results, Transect:
YK-105
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
-5000
-4000
-3000
-2000
-1000
0
1000
2000
3000

1

```
                    Execution started at 20200401.174321


                    ---------------------------------------
                                    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      471       0.   471     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      471   0      1       1
 !READinp BOTtom [fac]  'fname1'  [idla]  [nhedf]  [FREe|FORmat[form]|UNFormatted]
  READ    BOTTOM   -1. '../gridfiles/YK-105zmeters_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   1.6183     12.3923     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      471  471    0
!TABLe 'sname' < HEADer|NOHEADer|INDexed > 'fname' <output parameters> (output time)
 Table 'curve'   HEADER 'YK-105.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             472 MYC              1
                     : MCGRD           473
                     : 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   3.41 % 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   0.22 % 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   3.62 % 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  52.35 % 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 100.00 % 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.	1.62624	12.3111	12.4477	11.2034	0.001	31.5074	3.5800	0.000000
1.	0.	1.62889	12.3156	12.4477	10.9981	0.001	31.4792	3.5801	0.000077
2.	0.	1.63206	12.3199	12.4477	10.8136	0.001	31.4455	3.5701	0.000081
3.	0.	1.63404	12.3237	12.4477	10.6520	0.001	31.4372	3.5702	0.000161
4.	0.	1.63537	12.3270	12.4477	10.5118	0.001	31.4036	3.5702	0.000244
5.	0.	1.63730	12.3299	12.4477	10.3874	0.002	31.3609	3.5603	0.000257
6.	0.	1.63797	12.3324	12.4477	10.2766	0.002	31.3142	3.5603	0.000347
7.	0.	1.63927	12.3346	12.4477	10.1784	0.002	31.2648	3.5504	0.000364
8.	0.	1.63967	12.3366	12.4477	10.0899	0.002	31.2437	3.5505	0.000457
9.	0.	1.63967	12.3383	12.4477	10.0107	0.002	31.2017	3.5506	0.000553
10.	0.	1.64032	12.3398	12.4477	9.9398	0.003	31.1526	3.5406	0.000577
11.	0.	1.63988	12.3412	12.4477	9.8748	0.003	31.1044	3.5407	0.000679
12.	0.	1.64017	12.3424	12.4477	9.8163	0.003	31.0561	3.5307	0.000709
13.	0.	1.63969	12.3434	12.4477	9.7621	0.003	31.0329	3.5308	0.000812
14.	0.	1.63918	12.3444	12.4477	9.7124	0.003	31.0177	3.5309	0.000915
15.	0.	1.63936	12.3452	12.4477	9.6557	0.003	31.0123	3.5310	0.001020
16.	0.	1.63967	12.3458	12.4477	9.5993	0.003	31.0091	3.5311	0.001126
17.	0.	1.63994	12.3463	12.4477	9.5453	0.003	31.0059	3.5312	0.001232
18.	0.	1.64011	12.3467	12.4477	9.4944	0.003	31.0018	3.5313	0.001340
19.	0.	1.64017	12.3469	12.4477	9.4465	0.002	30.9967	3.5314	0.001449
20.	0.	1.64011	12.3471	12.4477	9.4015	0.002	30.9907	3.5316	0.001558
21.	0.	1.63996	12.3471	12.4477	9.3591	0.002	30.9840	3.5317	0.001668
22.	0.	1.63970	12.3471	12.4477	9.3191	0.002	30.9768	3.5318	0.001778
23.	0.	1.63922	12.3469	12.4477	9.2824	0.001	30.9716	3.5319	0.001896
24.	0.	1.63830	12.3468	12.4477	9.2502	359.991	30.9705	3.5320	0.002030
25.	0.	1.63743	12.3465	12.4477	9.2191	359.981	30.9658	3.5322	0.002158
26.	0.	1.63659	12.3462	12.4477	9.1890	359.973	30.9596	3.5323	0.002281
27.	0.	1.63575	12.3459	12.4477	9.1601	359.967	30.9526	3.5324	0.002403
28.	0.	1.63488	12.3455	12.4477	9.1325	359.962	30.9451	3.5325	0.002523
29.	0.	1.63397	12.3451	12.4477	9.1062	359.957	30.9370	3.5326	0.002642
30.	0.	1.63304	12.3447	12.4477	9.0810	359.952	30.9286	3.5328	0.002760
31.	0.	1.63362	12.3442	12.4477	9.0382	359.945	30.9322	3.5329	0.002879
32.	0.	1.63455	12.3438	12.4477	8.9915	359.939	30.9374	3.5330	0.002999
33.	0.	1.63546	12.3435	12.4477	8.9454	359.933	30.9415	3.5331	0.003119
34.	0.	1.63503	12.3432	12.4477	8.9097	359.906	30.9590	3.5333	0.003288
35.	0.	1.63396	12.3429	12.4477	8.8796	359.919	30.9762	3.5335	0.003473
36.	0.	1.63274	12.3427	12.4477	8.8514	359.900	30.9856	3.5337	0.003656
37.	0.	1.63144	12.3425	12.4477	8.8245	359.861	30.9908	3.5338	0.003836
38.	0.	1.63007	12.3424	12.4477	8.7989	359.811	30.9885	3.5340	0.004012
39.	0.	1.62870	12.3423	12.4477	8.7741	359.762	30.9843	3.5342	0.004184
40.	0.	1.62730	12.3422	12.4477	8.7502	359.715	30.9790	3.5344	0.004353
41.	0.	1.62588	12.3422	12.4477	8.7271	359.670	30.9725	3.5345	0.004519
42.	0.	1.62440	12.3422	12.4477	8.7052	359.628	30.9644	3.5347	0.004685
43.	0.	1.62290	12.3421	12.4477	8.6840	359.589	30.9557	3.5348	0.004848
44.	0.	1.62136	12.3421	12.4477	8.6637	359.551	30.9464	3.5350	0.005010
45.	0.	1.62051	12.3422	12.4477	8.6392	359.540	30.9367	3.5351	0.005146
46.	0.	1.61985	12.3422	12.4477	8.6141	359.540	30.9263	3.5353	0.005274
47.	0.	1.61971	12.3422	12.4477	8.5841	359.543	30.9186	3.5354	0.005398
48.	0.	1.61967	12.3423	12.4477	8.5535	359.548	30.9105	3.5355	0.005522
49.	0.	1.61964	12.3423	12.4477	8.5232	359.552	30.9018	3.5356	0.005643
50.	0.	1.61963	12.3424	12.4477	8.4934	359.554	30.8915	3.5358	0.005761
51.	0.	1.61959	12.3425	12.4477	8.4643	359.554	30.8806	3.5359	0.005877
52.	0.	1.61929	12.3426	12.4477	8.4360	359.552	30.8456	3.5360	0.005993
53.	0.	1.61951	12.3427	12.4477	8.4104	359.551	30.8017	3.5260	0.006043
54.	0.	1.61895	12.3428	12.4477	8.3838	359.549	30.7573	3.5262	0.006164
55.	0.	1.61895	12.3430	12.4477	8.3600	359.548	30.7133	3.5162	0.006219
56.	0.	1.61810	12.3431	12.4477	8.3359	359.546	30.6731	3.5163	0.006348
57.	0.	1.61768	12.3432	12.4477	8.3155	359.541	30.6348	3.5064	0.006415
58.	0.	1.61649	12.3434	12.4477	8.2941	359.534	30.5982	3.5066	0.006553
59.	0.	1.61561	12.3435	12.4477	8.2758	359.526	30.5415	3.4966	0.006628

60.	0.	1.61477	12.3437	12.4477	8.2581	359.517	30.4975	3.4867	0.006705
61.	0.	1.61345	12.3438	12.4477	8.2378	359.513	30.4572	3.4868	0.006845
62.	0.	1.61259	12.3440	12.4477	8.2196	359.511	30.3981	3.4769	0.006918
63.	0.	1.61163	12.3441	12.4477	8.2016	359.511	30.3333	3.4670	0.006994
64.	0.	1.61076	12.3443	12.4477	8.1840	359.511	30.2846	3.4571	0.007070
65.	0.	1.60937	12.3445	12.4477	8.1637	359.512	30.2432	3.4572	0.007217
66.	0.	1.60860	12.3446	12.4477	8.1456	359.514	30.2028	3.4473	0.007295
67.	0.	1.60717	12.3448	12.4477	8.1258	359.516	30.1644	3.4474	0.007445
68.	0.	1.60632	12.3450	12.4477	8.1085	359.520	30.1252	3.4375	0.007527
69.	0.	1.60480	12.3452	12.4477	8.0893	359.523	30.0875	3.4377	0.007679
70.	0.	1.60387	12.3454	12.4477	8.0727	359.528	30.0490	3.4278	0.007764
71.	0.	1.60228	12.3455	12.4477	8.0540	359.533	30.0119	3.4279	0.007919
72.	0.	1.60127	12.3457	12.4477	8.0379	359.539	29.9741	3.4180	0.008007
73.	0.	1.59963	12.3459	12.4477	8.0197	359.546	29.9379	3.4182	0.008164
74.	0.	1.59858	12.3461	12.4477	8.0038	359.554	29.9009	3.4083	0.008254
75.	0.	1.59692	12.3462	12.4477	7.9856	359.562	29.8656	3.4084	0.008414
76.	0.	1.59585	12.3464	12.4477	7.9698	359.572	29.8293	3.3985	0.008505
77.	0.	1.59432	12.3466	12.4477	7.9520	359.580	29.8128	3.3987	0.008665
78.	0.	1.59266	12.3467	12.4477	7.9346	359.589	29.7847	3.3988	0.008825
79.	0.	1.59144	12.3469	12.4477	7.9206	359.596	29.7525	3.3889	0.008918
80.	0.	1.58954	12.3471	12.4477	7.9049	359.601	29.7203	3.3891	0.009080
81.	0.	1.58812	12.3472	12.4477	7.8925	359.606	29.6865	3.3792	0.009175
82.	0.	1.58603	12.3474	12.4477	7.8784	359.611	29.6539	3.3793	0.009339
83.	0.	1.58449	12.3475	12.4477	7.8671	359.616	29.6196	3.3694	0.009436
84.	0.	1.58232	12.3477	12.4477	7.8538	359.620	29.5860	3.3696	0.009602
85.	0.	1.58070	12.3478	12.4477	7.8433	359.623	29.5506	3.3597	0.009700
86.	0.	1.57847	12.3480	12.4477	7.8306	359.627	29.5162	3.3599	0.009866
87.	0.	1.57679	12.3481	12.4477	7.8206	359.630	29.4805	3.3500	0.009965
88.	0.	1.57452	12.3483	12.4477	7.8082	359.633	29.4462	3.3501	0.010132
89.	0.	1.57281	12.3484	12.4477	7.7986	359.636	29.4104	3.3402	0.010232
90.	0.	1.57052	12.3485	12.4477	7.7865	359.640	29.3760	3.3404	0.010400
91.	0.	1.56879	12.3487	12.4477	7.7771	359.644	29.3402	3.3305	0.010499
92.	0.	1.56648	12.3488	12.4477	7.7655	359.649	29.3056	3.3307	0.010667
93.	0.	1.56474	12.3489	12.4477	7.7564	359.655	29.2696	3.3208	0.010765
94.	0.	1.56257	12.3491	12.4477	7.7451	359.662	29.2521	3.3209	0.010931
95.	0.	1.56032	12.3492	12.4477	7.7338	359.669	29.2231	3.3211	0.011095
96.	0.	1.55860	12.3493	12.4477	7.7253	359.676	29.1891	3.3112	0.011191
97.	0.	1.55628	12.3494	12.4477	7.7144	359.684	29.1553	3.3114	0.011355
98.	0.	1.55452	12.3496	12.4477	7.7062	359.692	29.1198	3.3015	0.011451
99.	0.	1.55217	12.3497	12.4477	7.6958	359.701	29.0858	3.3016	0.011615
100.	0.	1.55037	12.3498	12.4477	7.6880	359.710	29.0505	3.2917	0.011711
101.	0.	1.54812	12.3499	12.4477	7.6780	359.719	29.0341	3.2919	0.011875
102.	0.	1.54580	12.3500	12.4477	7.6681	359.728	29.0068	3.2920	0.012038
103.	0.	1.54401	12.3501	12.4477	7.6609	359.738	28.9743	3.2821	0.012133
104.	0.	1.54161	12.3502	12.4477	7.6514	359.748	28.9423	3.2823	0.012295
105.	0.	1.53976	12.3504	12.4477	7.6447	359.759	28.9087	3.2724	0.012391
106.	0.	1.53731	12.3505	12.4477	7.6357	359.770	28.8766	3.2726	0.012554
107.	0.	1.53542	12.3506	12.4477	7.6294	359.781	28.8432	3.2627	0.012650
108.	0.	1.53293	12.3507	12.4477	7.6208	359.793	28.8116	3.2628	0.012814
109.	0.	1.53101	12.3508	12.4477	7.6150	359.805	28.7785	3.2529	0.012910
110.	0.	1.52861	12.3509	12.4477	7.6070	359.816	28.7641	3.2531	0.013074
111.	0.	1.52614	12.3510	12.4477	7.5992	359.829	28.7390	3.2532	0.013236
112.	0.	1.52419	12.3511	12.4477	7.5943	359.842	28.7087	3.2433	0.013330
113.	0.	1.52162	12.3512	12.4477	7.5871	359.856	28.6791	3.2435	0.013492
114.	0.	1.51961	12.3513	12.4477	7.5827	359.871	28.6482	3.2336	0.013586
115.	0.	1.51702	12.3513	12.4477	7.5759	359.887	28.6192	3.2337	0.013748
116.	0.	1.51501	12.3514	12.4477	7.5717	359.905	28.5891	3.2238	0.013842
117.	0.	1.51254	12.3515	12.4477	7.5652	359.924	28.5774	3.2240	0.014004
118.	0.	1.51002	12.3516	12.4477	7.5587	359.944	28.5556	3.2242	0.014163
119.	0.	1.50809	12.3517	12.4477	7.5547	359.965	28.5281	3.2143	0.014252
120.	0.	1.50561	12.3518	12.4477	7.5478	359.987	28.5002	3.2144	0.014407
121.	0.	1.50372	12.3519	12.4477	7.5435	0.010	28.4704	3.2045	0.014494
122.	0.	1.50127	12.3519	12.4477	7.5364	0.032	28.4412	3.2046	0.014648
123.	0.	1.49944	12.3520	12.4477	7.5318	0.056	28.4102	3.1947	0.014733
124.	0.	1.49714	12.3521	12.4477	7.5248	0.079	28.3973	3.1949	0.014886
125.	0.	1.49492	12.3522	12.4477	7.5178	0.103	28.3905	3.1950	0.015036
126.	0.	1.49275	12.3522	12.4477	7.5110	0.127	28.3862	3.1952	0.015185

127.	0.	1.49062	12.3523	12.4477	7.5042	0.152	28.3832	3.1953	0.015331
128.	0.	1.48852	12.3524	12.4477	7.4975	0.177	28.3809	3.1955	0.015475
129.	0.	1.48646	12.3524	12.4477	7.4908	0.202	28.3793	3.1956	0.015616
130.	0.	1.48443	12.3525	12.4477	7.4841	0.228	28.3784	3.1958	0.015755
131.	0.	1.48244	12.3526	12.4477	7.4775	0.254	28.3780	3.1959	0.015892
132.	0.	1.48048	12.3526	12.4477	7.4710	0.280	28.3783	3.1960	0.016027
133.	0.	1.47855	12.3527	12.4477	7.4645	0.307	28.3792	3.1962	0.016159
134.	0.	1.47667	12.3527	12.4477	7.4579	0.334	28.3804	3.1963	0.016290
135.	0.	1.47482	12.3528	12.4477	7.4514	0.363	28.3821	3.1964	0.016418
136.	0.	1.47302	12.3528	12.4477	7.4447	0.391	28.3840	3.1965	0.016543
137.	0.	1.47126	12.3529	12.4477	7.4381	0.420	28.3861	3.1967	0.016666
138.	0.	1.46954	12.3529	12.4477	7.4314	0.450	28.3887	3.1968	0.016787
139.	0.	1.46785	12.3530	12.4477	7.4248	0.479	28.3918	3.1969	0.016906
140.	0.	1.46618	12.3530	12.4477	7.4182	0.510	28.3953	3.1970	0.017023
141.	0.	1.46454	12.3531	12.4477	7.4117	0.540	28.3992	3.1971	0.017138
142.	0.	1.46293	12.3531	12.4477	7.4051	0.570	28.4033	3.1973	0.017252
143.	0.	1.46134	12.3531	12.4477	7.3987	0.600	28.4080	3.1974	0.017364
144.	0.	1.45976	12.3532	12.4477	7.3923	0.630	28.4130	3.1975	0.017475
145.	0.	1.45822	12.3532	12.4477	7.3859	0.660	28.4187	3.1976	0.017585
146.	0.	1.45670	12.3533	12.4477	7.3795	0.690	28.4249	3.1977	0.017693
147.	0.	1.45519	12.3533	12.4477	7.3732	0.721	28.4315	3.1978	0.017799
148.	0.	1.45371	12.3533	12.4477	7.3670	0.751	28.4385	3.1979	0.017905
149.	0.	1.45225	12.3534	12.4477	7.3608	0.781	28.4458	3.1980	0.018009
150.	0.	1.45080	12.3534	12.4477	7.3547	0.811	28.4533	3.1981	0.018111
151.	0.	1.44937	12.3534	12.4477	7.3486	0.841	28.4611	3.1982	0.018212
152.	0.	1.44795	12.3535	12.4477	7.3427	0.871	28.4692	3.1983	0.018312
153.	0.	1.44655	12.3535	12.4477	7.3367	0.900	28.4775	3.1984	0.018411
154.	0.	1.44517	12.3536	12.4477	7.3309	0.930	28.4862	3.1985	0.018509
155.	0.	1.44396	12.3536	12.4477	7.3252	0.961	28.5174	3.1986	0.018605
156.	0.	1.44247	12.3536	12.4477	7.3173	0.992	28.5809	3.2088	0.018760
157.	0.	1.44113	12.3536	12.4477	7.3095	1.024	28.6558	3.2189	0.018910
158.	0.	1.43988	12.3536	12.4477	7.3019	1.056	28.7345	3.2291	0.019055
159.	0.	1.43870	12.3537	12.4477	7.2944	1.087	28.8147	3.2392	0.019195
160.	0.	1.43759	12.3537	12.4477	7.2870	1.118	28.8954	3.2493	0.019332
161.	0.	1.43654	12.3537	12.4477	7.2797	1.149	28.9763	3.2595	0.019464
162.	0.	1.43554	12.3537	12.4477	7.2725	1.178	29.0571	3.2696	0.019592
163.	0.	1.43460	12.3537	12.4477	7.2654	1.208	29.1377	3.2797	0.019716
164.	0.	1.43371	12.3537	12.4477	7.2583	1.237	29.2180	3.2898	0.019837
165.	0.	1.43286	12.3537	12.4477	7.2513	1.265	29.2976	3.3000	0.019954
166.	0.	1.43222	12.3537	12.4477	7.2447	1.294	29.3988	3.3101	0.020068
167.	0.	1.43119	12.3537	12.4477	7.2356	1.322	29.5070	3.3302	0.020233
168.	0.	1.43057	12.3537	12.4477	7.2290	1.349	29.5921	3.3403	0.020339
169.	0.	1.43010	12.3537	12.4477	7.2226	1.376	29.6929	3.3504	0.020442
170.	0.	1.42922	12.3537	12.4477	7.2138	1.403	29.7965	3.3706	0.020594
171.	0.	1.42871	12.3537	12.4477	7.2073	1.427	29.8757	3.3807	0.020691
172.	0.	1.42835	12.3537	12.4477	7.2011	1.452	29.9707	3.3908	0.020784
173.	0.	1.42758	12.3537	12.4477	7.1925	1.477	30.0668	3.4109	0.020926
174.	0.	1.42714	12.3537	12.4477	7.1863	1.499	30.1386	3.4210	0.021014
175.	0.	1.42686	12.3537	12.4477	7.1803	1.522	30.2273	3.4311	0.021100
176.	0.	1.42616	12.3537	12.4477	7.1719	1.544	30.3151	3.4512	0.021234
177.	0.	1.42579	12.3537	12.4477	7.1657	1.564	30.3788	3.4613	0.021315
178.	0.	1.42558	12.3537	12.4477	7.1598	1.585	30.4609	3.4714	0.021394
179.	0.	1.42495	12.3537	12.4477	7.1515	1.604	30.5409	3.4915	0.021519
180.	0.	1.42451	12.3537	12.4477	7.1451	1.621	30.5780	3.5016	0.021594
181.	0.	1.42436	12.3537	12.4477	7.1409	1.639	30.5937	3.5016	0.021619
182.	0.	1.42434	12.3537	12.4477	7.1370	1.658	30.6253	3.5016	0.021642
183.	0.	1.42385	12.3537	12.4477	7.1307	1.675	30.6527	3.5117	0.021713
184.	0.	1.42365	12.3538	12.4477	7.1267	1.691	30.6592	3.5117	0.021736
185.	0.	1.42346	12.3538	12.4477	7.1228	1.709	30.6669	3.5118	0.021758
186.	0.	1.42324	12.3538	12.4477	7.1189	1.725	30.6707	3.5118	0.021780
187.	0.	1.42316	12.3538	12.4477	7.1153	1.742	30.6938	3.5118	0.021802
188.	0.	1.42266	12.3538	12.4477	7.1093	1.758	30.7166	3.5219	0.021871
189.	0.	1.42247	12.3538	12.4477	7.1054	1.774	30.7199	3.5219	0.021893
190.	0.	1.42230	12.3538	12.4477	7.1015	1.791	30.7255	3.5219	0.021913
191.	0.	1.42211	12.3538	12.4477	7.0977	1.808	30.7276	3.5219	0.021933
192.	0.	1.42206	12.3538	12.4477	7.0941	1.825	30.7491	3.5220	0.021954
193.	0.	1.42159	12.3538	12.4477	7.0880	1.841	30.7703	3.5320	0.022021

194.	0.	1.42141	12.3538	12.4477	7.0843	1.855	30.7723	3.5320	0.022041
195.	0.	1.42125	12.3538	12.4477	7.0807	1.871	30.7771	3.5321	0.022061
196.	0.	1.42089	12.3538	12.4477	7.0768	1.885	30.7565	3.5321	0.022081
197.	0.	1.42071	12.3538	12.4477	7.0750	1.895	30.7042	3.5221	0.022056
198.	0.	1.42063	12.3539	12.4477	7.0733	1.907	30.6632	3.5120	0.022031
199.	0.	1.42014	12.3539	12.4477	7.0693	1.920	30.6272	3.5121	0.022052
200.	0.	1.41990	12.3539	12.4477	7.0675	1.931	30.5694	3.5020	0.022028
201.	0.	1.41960	12.3539	12.4477	7.0657	1.941	30.5045	3.4920	0.022005
202.	0.	1.41926	12.3539	12.4477	7.0640	1.951	30.4374	3.4820	0.021982
203.	0.	1.41891	12.3539	12.4477	7.0623	1.961	30.3696	3.4720	0.021960
204.	0.	1.41836	12.3540	12.4477	7.0605	1.969	30.2815	3.4619	0.021939
205.	0.	1.41816	12.3540	12.4477	7.0612	1.976	30.1856	3.4419	0.021871
206.	0.	1.41749	12.3540	12.4477	7.0595	1.983	30.0894	3.4319	0.021853
207.	0.	1.41723	12.3540	12.4477	7.0604	1.991	29.9923	3.4118	0.021787
208.	0.	1.41663	12.3541	12.4477	7.0591	2.001	29.9165	3.4018	0.021771
209.	0.	1.41592	12.3541	12.4477	7.0578	2.010	29.8284	3.3918	0.021757
210.	0.	1.41561	12.3541	12.4477	7.0589	2.019	29.7350	3.3717	0.021693
211.	0.	1.41495	12.3541	12.4477	7.0577	2.030	29.6616	3.3617	0.021681
212.	0.	1.41419	12.3542	12.4477	7.0564	2.040	29.5772	3.3517	0.021670
213.	0.	1.41380	12.3542	12.4477	7.0578	2.047	29.4893	3.3316	0.021610
214.	0.	1.41302	12.3542	12.4477	7.0569	2.057	29.4191	3.3216	0.021603
215.	0.	1.41213	12.3542	12.4477	7.0560	2.066	29.3382	3.3116	0.021598
216.	0.	1.41164	12.3543	12.4477	7.0577	2.076	29.2542	3.2915	0.021542
217.	0.	1.41076	12.3543	12.4477	7.0570	2.088	29.1874	3.2815	0.021542
218.	0.	1.40977	12.3543	12.4477	7.0561	2.101	29.1106	3.2715	0.021543
219.	0.	1.40920	12.3544	12.4477	7.0577	2.114	29.0285	3.2515	0.021492
220.	0.	1.40823	12.3544	12.4477	7.0569	2.130	28.9627	3.2415	0.021498
221.	0.	1.40715	12.3544	12.4477	7.0559	2.144	28.8860	3.2315	0.021505
222.	0.	1.40650	12.3545	12.4477	7.0574	2.159	28.8039	3.2115	0.021457
223.	0.	1.40542	12.3545	12.4477	7.0564	2.177	28.7374	3.2015	0.021469
224.	0.	1.40435	12.3545	12.4477	7.0556	2.195	28.6756	3.1915	0.021481
225.	0.	1.40314	12.3546	12.4477	7.0546	2.213	28.5996	3.1815	0.021496
226.	0.	1.40234	12.3546	12.4477	7.0564	2.229	28.5165	3.1615	0.021454
227.	0.	1.40108	12.3546	12.4477	7.0557	2.248	28.4491	3.1515	0.021474
228.	0.	1.39982	12.3547	12.4477	7.0552	2.267	28.3862	3.1415	0.021496
229.	0.	1.39865	12.3547	12.4477	7.0547	2.289	28.3399	3.1315	0.021518
230.	0.	1.39702	12.3547	12.4477	7.0516	2.311	28.3017	3.1316	0.021602
231.	0.	1.39582	12.3547	12.4477	7.0509	2.332	28.2486	3.1216	0.021625
232.	0.	1.39467	12.3548	12.4477	7.0503	2.355	28.2064	3.1116	0.021650
233.	0.	1.39302	12.3548	12.4477	7.0470	2.378	28.1707	3.1117	0.021736
234.	0.	1.39190	12.3548	12.4477	7.0462	2.402	28.1345	3.1018	0.021762
235.	0.	1.39037	12.3548	12.4477	7.0430	2.429	28.1170	3.1018	0.021849
236.	0.	1.38880	12.3549	12.4477	7.0395	2.455	28.0898	3.1019	0.021936
237.	0.	1.38774	12.3549	12.4477	7.0385	2.479	28.0575	3.0920	0.021961
238.	0.	1.38625	12.3549	12.4477	7.0351	2.506	28.0421	3.0920	0.022048
239.	0.	1.38470	12.3549	12.4477	7.0315	2.531	28.0161	3.0921	0.022135
240.	0.	1.38365	12.3550	12.4477	7.0305	2.556	27.9847	3.0822	0.022160
241.	0.	1.38218	12.3550	12.4477	7.0268	2.582	27.9701	3.0822	0.022248
242.	0.	1.38065	12.3550	12.4477	7.0231	2.607	27.9450	3.0823	0.022334
243.	0.	1.37962	12.3550	12.4477	7.0219	2.631	27.9148	3.0724	0.022360
244.	0.	1.37816	12.3551	12.4477	7.0182	2.658	27.9013	3.0724	0.022447
245.	0.	1.37676	12.3551	12.4477	7.0145	2.685	27.8932	3.0725	0.022534
246.	0.	1.37529	12.3551	12.4477	7.0106	2.711	27.8713	3.0726	0.022619
247.	0.	1.37431	12.3551	12.4477	7.0093	2.735	27.8426	3.0626	0.022643
248.	0.	1.37289	12.3552	12.4477	7.0054	2.762	27.8302	3.0627	0.022729
249.	0.	1.37143	12.3552	12.4477	7.0014	2.788	27.8074	3.0628	0.022815
250.	0.	1.37045	12.3552	12.4477	7.0000	2.812	27.7791	3.0528	0.022839
251.	0.	1.36904	12.3552	12.4477	6.9961	2.839	27.7672	3.0529	0.022925
252.	0.	1.36756	12.3553	12.4477	6.9922	2.864	27.7446	3.0530	0.023011
253.	0.	1.36656	12.3553	12.4477	6.9910	2.887	27.7158	3.0430	0.023036
254.	0.	1.36512	12.3553	12.4477	6.9873	2.913	27.7033	3.0431	0.023123
255.	0.	1.36363	12.3553	12.4477	6.9835	2.938	27.6804	3.0432	0.023209
256.	0.	1.36265	12.3554	12.4477	6.9822	2.961	27.6521	3.0332	0.023234
257.	0.	1.36122	12.3554	12.4477	6.9784	2.986	27.6401	3.0333	0.023321
258.	0.	1.35984	12.3554	12.4477	6.9746	3.013	27.6330	3.0334	0.023408
259.	0.	1.35839	12.3554	12.4477	6.9707	3.037	27.6127	3.0335	0.023493
260.	0.	1.35743	12.3554	12.4477	6.9694	3.059	27.5858	3.0235	0.023517

261.	0.	1.35603	12.3555	12.4477	6.9656	3.085	27.5749	3.0236	0.023604
262.	0.	1.35457	12.3555	12.4477	6.9616	3.110	27.5537	3.0237	0.023690
263.	0.	1.35360	12.3555	12.4477	6.9603	3.132	27.5271	3.0137	0.023714
264.	0.	1.35220	12.3555	12.4477	6.9565	3.159	27.5170	3.0138	0.023801
265.	0.	1.35081	12.3555	12.4477	6.9529	3.186	27.5121	3.0139	0.023888
266.	0.	1.34936	12.3556	12.4477	6.9491	3.212	27.4943	3.0140	0.023974
267.	0.	1.34838	12.3556	12.4477	6.9481	3.236	27.4701	3.0040	0.023999
268.	0.	1.34699	12.3556	12.4477	6.9443	3.264	27.4614	3.0041	0.024086
269.	0.	1.34563	12.3556	12.4477	6.9406	3.293	27.4578	3.0042	0.024172
270.	0.	1.34430	12.3556	12.4477	6.9369	3.322	27.4561	3.0043	0.024257
271.	0.	1.34299	12.3557	12.4477	6.9332	3.352	27.4553	3.0043	0.024341
272.	0.	1.34170	12.3557	12.4477	6.9295	3.381	27.4550	3.0044	0.024424
273.	0.	1.34043	12.3557	12.4477	6.9258	3.411	27.4551	3.0045	0.024506
274.	0.	1.33917	12.3557	12.4477	6.9221	3.441	27.4553	3.0046	0.024588
275.	0.	1.33793	12.3557	12.4477	6.9185	3.470	27.4554	3.0047	0.024668
276.	0.	1.33660	12.3557	12.4477	6.9147	3.496	27.4403	3.0047	0.024747
277.	0.	1.33572	12.3558	12.4477	6.9139	3.519	27.4172	2.9948	0.024767
278.	0.	1.33440	12.3558	12.4477	6.9105	3.545	27.4095	2.9948	0.024848
279.	0.	1.33312	12.3558	12.4477	6.9071	3.572	27.4056	2.9949	0.024927
280.	0.	1.33186	12.3558	12.4477	6.9039	3.597	27.4031	2.9950	0.025006
281.	0.	1.33063	12.3558	12.4477	6.9006	3.623	27.4011	2.9951	0.025084
282.	0.	1.32941	12.3558	12.4477	6.8972	3.648	27.3994	2.9952	0.025161
283.	0.	1.32822	12.3558	12.4477	6.8938	3.673	27.3980	2.9952	0.025237
284.	0.	1.32703	12.3558	12.4477	6.8905	3.698	27.3971	2.9953	0.025313
285.	0.	1.32585	12.3559	12.4477	6.8872	3.724	27.3968	2.9954	0.025388
286.	0.	1.32467	12.3559	12.4477	6.8841	3.749	27.3968	2.9955	0.025462
287.	0.	1.32351	12.3559	12.4477	6.8809	3.773	27.3972	2.9955	0.025535
288.	0.	1.32237	12.3559	12.4477	6.8777	3.798	27.3980	2.9956	0.025607
289.	0.	1.32116	12.3559	12.4477	6.8744	3.821	27.3841	2.9957	0.025678
290.	0.	1.32041	12.3559	12.4477	6.8737	3.840	27.3634	2.9857	0.025691
291.	0.	1.31922	12.3559	12.4477	6.8705	3.864	27.3579	2.9858	0.025763
292.	0.	1.31807	12.3560	12.4477	6.8673	3.889	27.3568	2.9858	0.025836
293.	0.	1.31694	12.3560	12.4477	6.8641	3.913	27.3572	2.9859	0.025907
294.	0.	1.31582	12.3560	12.4477	6.8610	3.938	27.3578	2.9860	0.025978
295.	0.	1.31470	12.3560	12.4477	6.8580	3.962	27.3582	2.9860	0.026048
296.	0.	1.31360	12.3560	12.4477	6.8550	3.986	27.3588	2.9861	0.026118
297.	0.	1.31253	12.3560	12.4477	6.8518	4.012	27.3603	2.9862	0.026186
298.	0.	1.31147	12.3560	12.4477	6.8487	4.038	27.3618	2.9863	0.026254
299.	0.	1.31042	12.3560	12.4477	6.8456	4.062	27.3627	2.9863	0.026321
300.	0.	1.30937	12.3560	12.4477	6.8426	4.086	27.3634	2.9864	0.026388
301.	0.	1.30833	12.3560	12.4477	6.8395	4.111	27.3649	2.9865	0.026454
302.	0.	1.30731	12.3560	12.4477	6.8365	4.135	27.3666	2.9865	0.026519
303.	0.	1.30629	12.3560	12.4477	6.8335	4.160	27.3683	2.9866	0.026584
304.	0.	1.30529	12.3561	12.4477	6.8305	4.184	27.3701	2.9866	0.026648
305.	0.	1.30429	12.3561	12.4477	6.8275	4.207	27.3716	2.9867	0.026711
306.	0.	1.30330	12.3561	12.4477	6.8246	4.230	27.3728	2.9868	0.026774
307.	0.	1.30231	12.3561	12.4477	6.8218	4.252	27.3737	2.9868	0.026836
308.	0.	1.30125	12.3561	12.4477	6.8189	4.271	27.3598	2.9869	0.026898
309.	0.	1.30062	12.3561	12.4477	6.8187	4.287	27.3391	2.9769	0.026902
310.	0.	1.29956	12.3561	12.4477	6.8159	4.308	27.3335	2.9770	0.026965
311.	0.	1.29855	12.3561	12.4477	6.8132	4.329	27.3322	2.9770	0.027027
312.	0.	1.29755	12.3561	12.4477	6.8105	4.351	27.3324	2.9771	0.027089
313.	0.	1.29648	12.3561	12.4477	6.8078	4.369	27.3186	2.9771	0.027150
314.	0.	1.29583	12.3561	12.4477	6.8079	4.384	27.2974	2.9672	0.027154
315.	0.	1.29478	12.3561	12.4477	6.8053	4.405	27.2913	2.9672	0.027216
316.	0.	1.29376	12.3562	12.4477	6.8027	4.426	27.2896	2.9673	0.027278
317.	0.	1.29277	12.3562	12.4477	6.8001	4.448	27.2895	2.9673	0.027339
318.	0.	1.29170	12.3562	12.4477	6.7974	4.467	27.2759	2.9674	0.027399
319.	0.	1.29109	12.3562	12.4477	6.7974	4.483	27.2551	2.9574	0.027403
320.	0.	1.29006	12.3562	12.4477	6.7947	4.505	27.2495	2.9575	0.027465
321.	0.	1.28907	12.3562	12.4477	6.7919	4.528	27.2482	2.9575	0.027526
322.	0.	1.28810	12.3562	12.4477	6.7892	4.552	27.2486	2.9576	0.027587
323.	0.	1.28713	12.3562	12.4477	6.7865	4.576	27.2497	2.9576	0.027647
324.	0.	1.28609	12.3562	12.4477	6.7837	4.597	27.2371	2.9577	0.027707
325.	0.	1.28548	12.3562	12.4477	6.7838	4.614	27.2171	2.9477	0.027710
326.	0.	1.28443	12.3562	12.4477	6.7814	4.635	27.2114	2.9478	0.027772
327.	0.	1.28342	12.3562	12.4477	6.7790	4.658	27.2099	2.9478	0.027833

328.	0.	1.28245	12.3562	12.4477	6.7764	4.680	27.2098	2.9479	0.027893
329.	0.	1.28141	12.3562	12.4477	6.7737	4.700	27.1961	2.9480	0.027953
330.	0.	1.28081	12.3562	12.4477	6.7738	4.716	27.1752	2.9380	0.027955
331.	0.	1.27978	12.3563	12.4477	6.7712	4.737	27.1692	2.9380	0.028016
332.	0.	1.27880	12.3563	12.4477	6.7686	4.760	27.1674	2.9381	0.028077
333.	0.	1.27783	12.3563	12.4477	6.7661	4.783	27.1672	2.9381	0.028137
334.	0.	1.27678	12.3563	12.4477	6.7636	4.802	27.1535	2.9382	0.028196
335.	0.	1.27608	12.3563	12.4477	6.7637	4.816	27.1191	2.9282	0.028198
336.	0.	1.27540	12.3563	12.4477	6.7641	4.831	27.0916	2.9182	0.028202
337.	0.	1.27423	12.3563	12.4477	6.7616	4.849	27.0689	2.9183	0.028264
338.	0.	1.27345	12.3563	12.4477	6.7619	4.862	27.0307	2.9083	0.028270
339.	0.	1.27335	12.3563	12.4477	6.7633	4.905	27.1132	2.8983	0.028278
340.	0.	1.27098	12.3562	12.4477	6.7454	4.999	27.3600	2.9587	0.028676
341.	0.	1.26899	12.3562	12.4477	6.7320	5.052	27.4627	2.9989	0.028940
342.	0.	1.26933	12.3562	12.4477	6.7371	5.051	27.4013	2.9688	0.028823
343.	0.	1.26947	12.3563	12.4477	6.7423	5.047	27.3195	2.9387	0.028706
344.	0.	1.26871	12.3563	12.4477	6.7423	5.054	27.2625	2.9287	0.028704
345.	0.	1.26804	12.3563	12.4477	6.7427	5.065	27.2261	2.9187	0.028704
346.	0.	1.26689	12.3563	12.4477	6.7405	5.081	27.1992	2.9188	0.028762
347.	0.	1.26630	12.3563	12.4477	6.7414	5.099	27.1866	2.9088	0.028765
348.	0.	1.26506	12.3563	12.4477	6.7368	5.133	27.2260	2.9189	0.028880
349.	0.	1.26396	12.3563	12.4477	6.7323	5.169	27.2803	2.9290	0.028993
350.	0.	1.26296	12.3563	12.4477	6.7278	5.206	27.3404	2.9391	0.029101
351.	0.	1.26160	12.3563	12.4477	6.7227	5.224	27.3311	2.9492	0.029206
352.	0.	1.26142	12.3563	12.4477	6.7282	5.204	27.2026	2.9191	0.029089
353.	0.	1.26172	12.3564	12.4477	6.7394	5.168	27.0048	2.8689	0.028857
354.	0.	1.26197	12.3564	12.4477	6.7514	5.141	26.8268	2.8186	0.028627
355.	0.	1.26072	12.3564	12.4477	6.7554	5.130	26.6906	2.7986	0.028586
356.	0.	1.26042	12.3565	12.4477	6.7633	5.145	26.6510	2.7685	0.028494
357.	0.	1.25703	12.3564	12.4477	6.7508	5.195	26.7071	2.8088	0.028836
358.	0.	1.25598	12.3564	12.4477	6.7526	5.219	26.7024	2.7989	0.028866
359.	0.	1.25563	12.3564	12.4477	6.7527	5.297	26.9037	2.7990	0.028956
360.	0.	1.25126	12.3563	12.4477	6.7229	5.418	27.1996	2.8996	0.029609
361.	0.	1.25076	12.3563	12.4477	6.7213	5.458	27.2805	2.8997	0.029671
362.	0.	1.25008	12.3563	12.4477	6.7189	5.490	27.3172	2.8997	0.029726
363.	0.	1.24942	12.3563	12.4477	6.7165	5.522	27.3533	2.8998	0.029781
364.	0.	1.24831	12.3563	12.4477	6.7113	5.555	27.3898	2.9099	0.029888
365.	0.	1.24757	12.3563	12.4477	6.7088	5.579	27.4033	2.9099	0.029939
366.	0.	1.24681	12.3563	12.4477	6.7063	5.603	27.4118	2.9100	0.029989
367.	0.	1.24616	12.3563	12.4477	6.7041	5.630	27.4382	2.9100	0.030039
368.	0.	1.24511	12.3563	12.4477	6.6988	5.662	27.4714	2.9201	0.030141
369.	0.	1.24443	12.3563	12.4477	6.6964	5.684	27.4831	2.9202	0.030188
370.	0.	1.24372	12.3563	12.4477	6.6941	5.705	27.4901	2.9202	0.030233
371.	0.	1.24301	12.3563	12.4477	6.6917	5.726	27.4945	2.9203	0.030279
372.	0.	1.24241	12.3563	12.4477	6.6896	5.751	27.5186	2.9203	0.030324
373.	0.	1.24143	12.3563	12.4477	6.6845	5.779	27.5498	2.9304	0.030421
374.	0.	1.24081	12.3563	12.4477	6.6822	5.800	27.5603	2.9305	0.030464
375.	0.	1.24017	12.3563	12.4477	6.6799	5.819	27.5669	2.9305	0.030505
376.	0.	1.23952	12.3563	12.4477	6.6775	5.838	27.5711	2.9305	0.030547
377.	0.	1.23888	12.3563	12.4477	6.6752	5.857	27.5743	2.9306	0.030588
378.	0.	1.23823	12.3563	12.4477	6.6729	5.874	27.5769	2.9306	0.030629
379.	0.	1.23771	12.3563	12.4477	6.6707	5.897	27.5997	2.9307	0.030669
380.	0.	1.23681	12.3562	12.4477	6.6658	5.922	27.6297	2.9408	0.030761
381.	0.	1.23625	12.3562	12.4477	6.6635	5.940	27.6387	2.9408	0.030799
382.	0.	1.23568	12.3562	12.4477	6.6612	5.956	27.6439	2.9408	0.030836
383.	0.	1.23511	12.3562	12.4477	6.6589	5.972	27.6470	2.9409	0.030873
384.	0.	1.23453	12.3562	12.4477	6.6566	5.987	27.6491	2.9409	0.030910
385.	0.	1.23396	12.3562	12.4477	6.6543	6.003	27.6510	2.9409	0.030947
386.	0.	1.23329	12.3562	12.4477	6.6520	6.014	27.6375	2.9410	0.030983
387.	0.	1.23294	12.3562	12.4477	6.6524	6.017	27.6024	2.9310	0.030967
388.	0.	1.23262	12.3562	12.4477	6.6529	6.024	27.5769	2.9210	0.030952
389.	0.	1.23184	12.3562	12.4477	6.6507	6.034	27.5546	2.9210	0.030990
390.	0.	1.23141	12.3562	12.4477	6.6513	6.037	27.5147	2.9110	0.030977
391.	0.	1.23107	12.3563	12.4477	6.6522	6.047	27.4971	2.9010	0.030965
392.	0.	1.23122	12.3562	12.4477	6.6494	6.127	27.7149	2.9111	0.031059
393.	0.	1.22760	12.3561	12.4477	6.6198	6.214	27.9226	3.0116	0.031596
394.	0.	1.22808	12.3561	12.4477	6.6255	6.191	27.8573	2.9815	0.031481

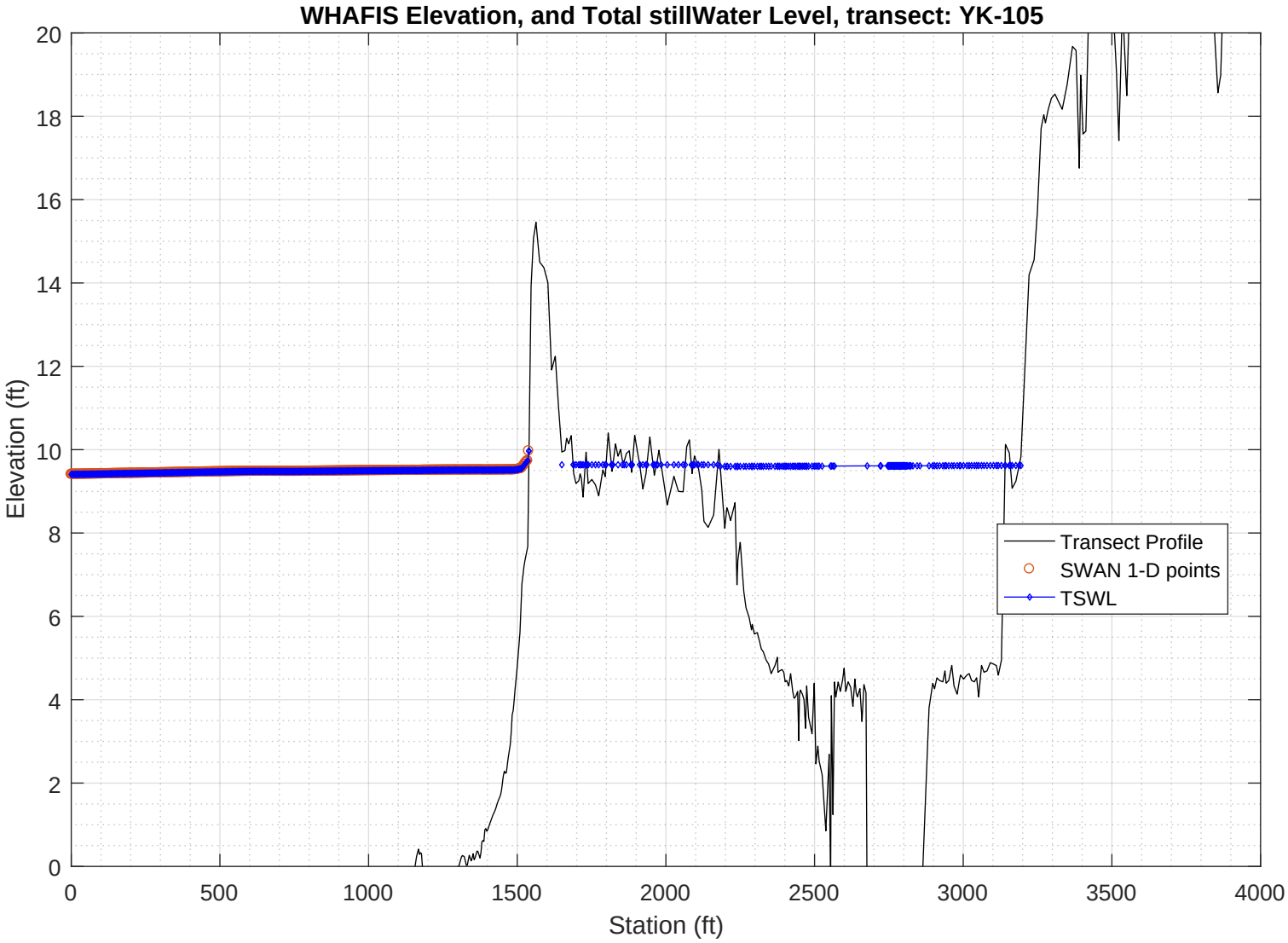
395.	0.	1.22834	12.3562	12.4477	6.6307	6.163	27.7549	2.9514	0.031360
396.	0.	1.22800	12.3562	12.4477	6.6331	6.135	27.6370	2.9313	0.031291
397.	0.	1.22799	12.3562	12.4477	6.6388	6.105	27.5098	2.9012	0.031171
398.	0.	1.22745	12.3563	12.4477	6.6418	6.079	27.3826	2.8811	0.031106
399.	0.	1.22729	12.3563	12.4477	6.6480	6.053	27.2523	2.8510	0.030989
400.	0.	1.22675	12.3563	12.4477	6.6518	6.041	27.1558	2.8309	0.030930
401.	0.	1.22591	12.3563	12.4477	6.6533	6.045	27.1023	2.8209	0.030932
402.	0.	1.22486	12.3563	12.4477	6.6521	6.068	27.1019	2.8210	0.030992
403.	0.	1.22388	12.3563	12.4477	6.6487	6.118	27.1870	2.8311	0.031105
404.	0.	1.22250	12.3562	12.4477	6.6396	6.192	27.3463	2.8613	0.031321
405.	0.	1.22102	12.3562	12.4477	6.6298	6.248	27.4576	2.8915	0.031527
406.	0.	1.22012	12.3562	12.4477	6.6275	6.251	27.4200	2.8916	0.031569
407.	0.	1.22047	12.3563	12.4477	6.6362	6.219	27.2854	2.8514	0.031398
408.	0.	1.22064	12.3563	12.4477	6.6429	6.213	27.2175	2.8213	0.031283
409.	0.	1.21918	12.3562	12.4477	6.6360	6.257	27.2849	2.8414	0.031446
410.	0.	1.21750	12.3562	12.4477	6.6286	6.283	27.2991	2.8616	0.031604
411.	0.	1.21704	12.3562	12.4477	6.6320	6.263	27.1967	2.8415	0.031543
412.	0.	1.21790	12.3563	12.4477	6.6425	6.270	27.1729	2.8014	0.031374
413.	0.	1.21503	12.3562	12.4477	6.6265	6.319	27.2397	2.8517	0.031701
414.	0.	1.21472	12.3562	12.4477	6.6307	6.310	27.1761	2.8316	0.031643
415.	0.	1.21412	12.3563	12.4477	6.6348	6.288	27.0679	2.8116	0.031585
416.	0.	1.21405	12.3563	12.4477	6.6425	6.275	26.9847	2.7815	0.031474
417.	0.	1.21265	12.3563	12.4477	6.6393	6.306	27.0193	2.7916	0.031592
418.	0.	1.21134	12.3562	12.4477	6.6335	6.363	27.1329	2.8118	0.031761
419.	0.	1.20912	12.3562	12.4477	6.6234	6.387	27.1432	2.8420	0.031976
420.	0.	1.20888	12.3562	12.4477	6.6325	6.321	26.9256	2.8018	0.031808
421.	0.	1.21025	12.3563	12.4477	6.6545	6.244	26.6685	2.7214	0.031409
422.	0.	1.20865	12.3563	12.4477	6.6575	6.227	26.5525	2.7114	0.031429
423.	0.	1.20610	12.3564	12.4477	6.6574	6.189	26.3736	2.7115	0.031510
424.	0.	1.20717	12.3564	12.4477	6.6820	6.127	26.1331	2.6311	0.031108
425.	0.	1.20522	12.3564	12.4477	6.6865	6.132	26.0582	2.6212	0.031160
426.	0.	1.20205	12.3564	12.4477	6.6817	6.160	26.0443	2.6414	0.031402
427.	0.	1.20025	12.3564	12.4477	6.6854	6.165	25.9696	2.6314	0.031447
428.	0.	1.19875	12.3565	12.4477	6.6920	6.158	25.8588	2.6114	0.031431
429.	0.	1.19710	12.3565	12.4477	6.6987	6.151	25.7385	2.5914	0.031420
430.	0.	1.19531	12.3565	12.4477	6.7056	6.143	25.6132	2.5714	0.031415
431.	0.	1.19338	12.3565	12.4477	6.7128	6.136	25.4845	2.5514	0.031417
432.	0.	1.19132	12.3566	12.4477	6.7202	6.131	25.3545	2.5314	0.031426
433.	0.	1.18922	12.3566	12.4477	6.7278	6.132	25.2374	2.5114	0.031442
434.	0.	1.18653	12.3566	12.4477	6.7321	6.136	25.1288	2.5015	0.031534
435.	0.	1.18418	12.3566	12.4477	6.7394	6.129	24.9895	2.4816	0.031559
436.	0.	1.18217	12.3567	12.4477	6.7503	6.118	24.8362	2.4515	0.031524
437.	0.	1.17947	12.3567	12.4477	6.7581	6.115	24.6947	2.4316	0.031572
438.	0.	1.17668	12.3567	12.4477	6.7659	6.117	24.5552	2.4116	0.031629
439.	0.	1.17382	12.3568	12.4477	6.7739	6.126	24.4300	2.3917	0.031695
440.	0.	1.17016	12.3568	12.4477	6.7784	6.130	24.2845	2.3818	0.031844
441.	0.	1.16782	12.3569	12.4477	6.7926	6.109	24.0590	2.3418	0.031770
442.	0.	1.16542	12.3570	12.4477	6.8104	6.074	23.7706	2.2916	0.031636
443.	0.	1.16309	12.3571	12.4477	6.8327	6.046	23.4784	2.2315	0.031453
444.	0.	1.15869	12.3571	12.4477	6.8471	6.065	23.3137	2.2016	0.031575
445.	0.	1.15134	12.3572	12.4477	6.8447	6.117	23.2519	2.2221	0.032143
446.	0.	1.14592	12.3572	12.4477	6.8514	6.132	23.1005	2.2124	0.032423
447.	0.	1.14249	12.3573	12.4477	6.8715	6.110	22.8333	2.1624	0.032363
448.	0.	1.13896	12.3575	12.4477	6.8956	6.080	22.5177	2.1023	0.032251
449.	0.	1.13395	12.3576	12.4477	6.9175	6.063	22.2146	2.0523	0.032293
450.	0.	1.12728	12.3577	12.4477	6.9366	6.028	21.8554	2.0125	0.032486
451.	0.	1.12264	12.3579	12.4477	6.9742	5.941	21.3102	1.9222	0.032226
452.	0.	1.11921	12.3582	12.4477	7.0293	5.875	20.7428	1.7916	0.031638
453.	0.	1.10552	12.3585	12.4477	7.0499	5.854	20.3085	1.7625	0.032514
454.	0.	1.09415	12.3589	12.4477	7.0845	5.809	19.7958	1.6930	0.032970
455.	0.	1.08271	12.3593	12.4477	7.1264	5.762	19.2413	1.6033	0.033340
456.	0.	1.06707	12.3598	12.4477	7.1607	5.732	18.7015	1.5343	0.034293
457.	0.	1.05034	12.3604	12.4477	7.1974	5.706	18.1229	1.4554	0.035353
458.	0.	1.03198	12.3611	12.4477	7.2352	5.683	17.5057	1.3666	0.036608
459.	0.	1.01045	12.3619	12.4477	7.2699	5.676	16.8828	1.2784	0.038351
460.	0.	0.98420	12.3627	12.4477	7.2969	5.611	16.1042	1.2008	0.040818
461.	0.	0.96441	12.3640	12.4477	7.3522	5.465	15.0174	1.0219	0.041879

462.	0.	0.93376	12.3659	12.4477	7.4147	5.195	14.0776	0.8451	0.045095
463.	0.	0.87576	12.3679	12.4477	7.4203	4.983	13.4374	0.7950	0.054990
464.	0.	0.81907	12.3699	12.4477	7.4247	4.797	12.9221	0.7448	0.064821
465.	0.	0.76252	12.3720	12.4477	7.4248	4.653	12.5250	0.7048	0.074784
466.	0.	0.70404	12.3737	12.4477	7.4128	4.598	12.1685	0.6850	0.085015
467.	0.	0.65822	12.3748	12.4477	7.3715	4.696	11.8095	0.6527	0.092745
468.	0.	0.61778	12.3755	12.4477	7.2967	4.991	11.7086	0.6296	0.099610
469.	0.	0.23946	15.4875	15.4936	11.0074	1.242	16.5271	0.1411	0.171064
470.	0.	-9.00000	-9.0000	-9.0000	-9.0000	-999.000	-9.0000	-99.0000	-9.000000
471.	0.	-9.00000	-9.0000	-9.0000	-9.0000	-999.000	-9.0000	-99.0000	-9.000000

PART 3: WHAFIS

WHAFIS input: YK-105.dat
WHAFIS output: YK-105.out

PART 3 COMPLETE


WHAFIS Elevation, and Total stillWater Level, transect: YK-105
Elevation (ft)
Station (ft)
0
2
4
6
8
10
12
14
16
18
20
0
500
1000
1500
2000
2500
3000
3500
4000
Transect Profile
SWAN 1-D points
TSWL

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-105.dat
Output file: C:\FEMA-TransectAnalysis\LOMR-TransectAnalysis-Kennebunkport\3_whafis\whafis4\YK-105.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	-2.337	1.000	1.000	9.407	8.495	12.392	56.140	0.003	0.000
OF	3.300	-2.327	0.000	9.408	0.000	0.000	0.000	0.000	0.003	0.000
OF	6.600	-2.317	0.000	9.408	0.000	0.000	0.000	0.000	0.003	0.000
OF	9.800	-2.307	0.000	9.408	0.000	0.000	0.000	0.000	0.003	0.000
OF	13.100	-2.296	0.000	9.408	0.000	0.000	0.000	0.000	0.004	0.000
OF	16.400	-2.282	0.000	9.408	0.000	0.000	0.000	0.000	0.004	0.000
OF	19.700	-2.268	0.000	9.408	0.000	0.000	0.000	0.000	0.004	0.000
OF	23.000	-2.254	0.000	9.408	0.000	0.000	0.000	0.000	0.004	0.000
OF	26.200	-2.240	0.000	9.409	0.000	0.000	0.000	0.000	0.004	0.000
OF	29.500	-2.227	0.000	9.409	0.000	0.000	0.000	0.000	0.004	0.000
OF	32.800	-2.213	0.000	9.409	0.000	0.000	0.000	0.000	0.004	0.000
OF	36.100	-2.198	0.000	9.410	0.000	0.000	0.000	0.000	0.004	0.000
OF	39.400	-2.184	0.000	9.410	0.000	0.000	0.000	0.000	0.003	0.000
OF	42.700	-2.180	0.000	9.410	0.000	0.000	0.000	0.000	0.001	0.000
OF	45.900	-2.179	0.000	9.410	0.000	0.000	0.000	0.000	0.000	0.000
OF	49.200	-2.179	0.000	9.411	0.000	0.000	0.000	0.000	0.000	0.000
OF	52.500	-2.178	0.000	9.411	0.000	0.000	0.000	0.000	0.000	0.000
OF	55.800	-2.178	0.000	9.411	0.000	0.000	0.000	0.000	0.000	0.000
OF	59.100	-2.178	0.000	9.412	0.000	0.000	0.000	0.000	0.000	0.000
OF	62.300	-2.177	0.000	9.412	0.000	0.000	0.000	0.000	0.000	0.000
OF	65.600	-2.177	0.000	9.412	0.000	0.000	0.000	0.000	0.000	0.000
OF	68.900	-2.177	0.000	9.413	0.000	0.000	0.000	0.000	0.000	0.000
OF	72.200	-2.176	0.000	9.413	0.000	0.000	0.000	0.000	0.000	0.000
OF	75.500	-2.176	0.000	9.413	0.000	0.000	0.000	0.000	0.000	0.000
OF	78.700	-2.175	0.000	9.414	0.000	0.000	0.000	0.000	0.000	0.000
OF	82.000	-2.175	0.000	9.414	0.000	0.000	0.000	0.000	0.000	0.000
OF	85.300	-2.175	0.000	9.415	0.000	0.000	0.000	0.000	0.000	0.000
OF	88.600	-2.174	0.000	9.415	0.000	0.000	0.000	0.000	0.000	0.000
OF	91.900	-2.174	0.000	9.416	0.000	0.000	0.000	0.000	0.000	0.000
OF	95.100	-2.174	0.000	9.416	0.000	0.000	0.000	0.000	0.000	0.000
OF	98.400	-2.173	0.000	9.416	0.000	0.000	0.000	0.000	0.000	0.000
OF	101.700	-2.173	0.000	9.417	0.000	0.000	0.000	0.000	0.000	0.000
OF	105.000	-2.172	0.000	9.417	0.000	0.000	0.000	0.000	0.000	0.000
OF	108.300	-2.172	0.000	9.418	0.000	0.000	0.000	0.000	0.000	0.000
OF	111.500	-2.172	0.000	9.418	0.000	0.000	0.000	0.000	0.000	0.000
OF	114.800	-2.171	0.000	9.419	0.000	0.000	0.000	0.000	0.000	0.000
OF	118.100	-2.171	0.000	9.419	0.000	0.000	0.000	0.000	0.000	0.000
OF	121.400	-2.171	0.000	9.420	0.000	0.000	0.000	0.000	0.000	0.000
OF	124.700	-2.170	0.000	9.420	0.000	0.000	0.000	0.000	0.000	0.000
OF	128.000	-2.170	0.000	9.421	0.000	0.000	0.000	0.000	0.000	0.000
OF	131.200	-2.170	0.000	9.422	0.000	0.000	0.000	0.000	0.000	0.000
OF	134.500	-2.169	0.000	9.422	0.000	0.000	0.000	0.000	0.000	0.000
OF	137.800	-2.169	0.000	9.423	0.000	0.000	0.000	0.000	0.000	0.000
OF	141.100	-2.168	0.000	9.423	0.000	0.000	0.000	0.000	0.000	0.000
OF	144.400	-2.168	0.000	9.424	0.000	0.000	0.000	0.000	0.000	0.000
OF	147.600	-2.168	0.000	9.424	0.000	0.000	0.000	0.000	0.000	0.000
OF	150.900	-2.168	0.000	9.425	0.000	0.000	0.000	0.000	0.000	0.000
OF	154.200	-2.167	0.000	9.425	0.000	0.000	0.000	0.000	0.000	0.000
OF	157.500	-2.167	0.000	9.425	0.000	0.000	0.000	0.000	0.000	0.000
OF	160.800	-2.166	0.000	9.426	0.000	0.000	0.000	0.000	0.000	0.000
OF	164.000	-2.166	0.000	9.426	0.000	0.000	0.000	0.000	0.000	0.000
OF	167.300	-2.166	0.000	9.427	0.000	0.000	0.000	0.000	0.001	0.000
OF	170.600	-2.158	0.000	9.427	0.000	0.000	0.000	0.000	0.003	0.000
OF	173.900	-2.145	0.000	9.427	0.000	0.000	0.000	0.000	0.004	0.000
OF	177.200	-2.133	0.000	9.427	0.000	0.000	0.000	0.000	0.004	0.000
OF	180.400	-2.121	0.000	9.428	0.000	0.000	0.000	0.000	0.004	0.000
OF	183.700	-2.109	0.000	9.428	0.000	0.000	0.000	0.000	0.005	0.000
OF	187.000	-2.090	0.000	9.428	0.000	0.000	0.000	0.000	0.006	0.000
OF	190.300	-2.067	0.000	9.429	0.000	0.000	0.000	0.000	0.007	0.000
OF	193.600	-2.044	0.000	9.429	0.000	0.000	0.000	0.000	0.007	0.000
OF	196.800	-2.020	0.000	9.429	0.000	0.000	0.000	0.000	0.007	0.000
OF	200.100	-1.997	0.000	9.430	0.000	0.000	0.000	0.000	0.007	0.000
OF	203.400	-1.974	0.000	9.430	0.000	0.000	0.000	0.000	0.007	0.000
OF	206.700	-1.951	0.000	9.430	0.000	0.000	0.000	0.000	0.007	0.000
OF	210.000	-1.928	0.000	9.431	0.000	0.000	0.000	0.000	0.007	0.000
OF	213.300	-1.905	0.000	9.431	0.000	0.000	0.000	0.000	0.007	0.000
OF	216.500	-1.885	0.000	9.431	0.000	0.000	0.000	0.000	0.005	0.000
OF	219.800	-1.869	0.000	9.432	0.000	0.000	0.000	0.000	0.005	0.000
OF	223.100	-1.854	0.000	9.432	0.000	0.000	0.000	0.000	0.005	0.000
OF	226.400	-1.838	0.000	9.432	0.000	0.000	0.000	0.000	0.005	0.000
OF	229.700	-1.823	0.000	9.433	0.000	0.000	0.000	0.000	0.005	0.000
OF	232.900	-1.807	0.000	9.433	0.000	0.000	0.000	0.000	0.005	0.000
OF	236.200	-1.792	0.000	9.434	0.000	0.000	0.000	0.000	0.005	0.000
OF	239.500	-1.776	0.000	9.434	0.000	0.000	0.000	0.000	0.005	0.000
OF	242.800	-1.761	0.000	9.434	0.000	0.000	0.000	0.000	0.005	0.000
OF	246.100	-1.745	0.000	9.435	0.000	0.000	0.000	0.000	0.005	0.000
OF	249.300	-1.730	0.000	9.435	0.000	0.000	0.000	0.000	0.005	0.000
OF	252.600	-1.715	0.000	9.436	0.000	0.000	0.000	0.000	0.005	0.000
OF	255.900	-1.699	0.000	9.436	0.000	0.000	0.000	0.000	0.005	0.000
OF	259.200	-1.684	0.000	9.437	0.000	0.000	0.000	0.000	0.005	0.000
OF	262.500	-1.668	0.000	9.437	0.000	0.000	0.000	0.000	0.005	0.000
OF	265.700	-1.653	0.000	9.437	0.000	0.000	0.000	0.000	0.005	0.000
OF	269.000	-1.637	0.000	9.438	0.000	0.000	0.000	0.000	0.005	0.000
OF	272.300	-1.622	0.000	9.438	0.000	0.000	0.000	0.000	0.005	0.000
OF	275.600	-1.606	0.000	9.439	0.000	0.000	0.000	0.000	0.005	0.000
OF	278.900	-1.591	0.000	9.439	0.000	0.000	0.000	0.000	0.005	0.000
OF	282.200	-1.575	0.000	9.440	0.000	0.000	0.000	0.000	0.005	0.000
OF	285.400	-1.560	0.000	9.440	0.000	0.000	0.000	0.000	0.005	0.000
OF	288.700	-1.544	0.000	9.441	0.000	0.000	0.000	0.000	0.005	0.000
OF	292.000	-1.529	0.000	9.441	0.000	0.000	0.000	0.000	0.005	0.000
OF	295.300	-1.514	0.000	9.441	0.000	0.000	0.000	0.000	0.005	0.000
OF	298.600	-1.498	0.000	9.442	0.000	0.000	0.000	0.000	0.005	0.000
OF	301.800	-1.483	0.000	9.442	0.000	0.000	0.000	0.000	0.005	0.000

OF	305.100	-1.467	0.000	9.443	0.000	0.000	0.000	0.000	0.004	0.000
OF	308.400	-1.453	0.000	9.443	0.000	0.000	0.000	0.000	0.004	0.000
OF	311.700	-1.439	0.000	9.444	0.000	0.000	0.000	0.000	0.004	0.000
OF	315.000	-1.424	0.000	9.444	0.000	0.000	0.000	0.000	0.004	0.000
OF	318.200	-1.410	0.000	9.445	0.000	0.000	0.000	0.000	0.004	0.000
OF	321.500	-1.395	0.000	9.445	0.000	0.000	0.000	0.000	0.004	0.000
OF	324.800	-1.381	0.000	9.445	0.000	0.000	0.000	0.000	0.004	0.000
OF	328.100	-1.367	0.000	9.446	0.000	0.000	0.000	0.000	0.004	0.000
OF	331.400	-1.352	0.000	9.446	0.000	0.000	0.000	0.000	0.004	0.000
OF	334.600	-1.338	0.000	9.447	0.000	0.000	0.000	0.000	0.004	0.000
OF	337.900	-1.324	0.000	9.447	0.000	0.000	0.000	0.000	0.004	0.000
OF	341.200	-1.309	0.000	9.448	0.000	0.000	0.000	0.000	0.004	0.000
OF	344.500	-1.295	0.000	9.448	0.000	0.000	0.000	0.000	0.004	0.000
OF	347.800	-1.281	0.000	9.448	0.000	0.000	0.000	0.000	0.004	0.000
OF	351.000	-1.266	0.000	9.449	0.000	0.000	0.000	0.000	0.004	0.000
OF	354.300	-1.252	0.000	9.449	0.000	0.000	0.000	0.000	0.004	0.000
OF	357.600	-1.237	0.000	9.450	0.000	0.000	0.000	0.000	0.004	0.000
OF	360.900	-1.223	0.000	9.450	0.000	0.000	0.000	0.000	0.004	0.000
OF	364.200	-1.209	0.000	9.451	0.000	0.000	0.000	0.000	0.004	0.000
OF	367.500	-1.194	0.000	9.451	0.000	0.000	0.000	0.000	0.004	0.000
OF	370.700	-1.180	0.000	9.452	0.000	0.000	0.000	0.000	0.004	0.000
OF	374.000	-1.165	0.000	9.452	0.000	0.000	0.000	0.000	0.004	0.000
OF	377.300	-1.151	0.000	9.452	0.000	0.000	0.000	0.000	0.004	0.000
OF	380.600	-1.137	0.000	9.453	0.000	0.000	0.000	0.000	0.004	0.000
OF	383.900	-1.122	0.000	9.453	0.000	0.000	0.000	0.000	0.004	0.000
OF	387.100	-1.108	0.000	9.454	0.000	0.000	0.000	0.000	0.004	0.000
OF	390.400	-1.094	0.000	9.454	0.000	0.000	0.000	0.000	0.004	0.000
OF	393.700	-1.079	0.000	9.455	0.000	0.000	0.000	0.000	0.004	0.000
OF	397.000	-1.065	0.000	9.455	0.000	0.000	0.000	0.000	0.004	0.000
OF	400.300	-1.050	0.000	9.455	0.000	0.000	0.000	0.000	0.004	0.000
OF	403.500	-1.036	0.000	9.456	0.000	0.000	0.000	0.000	0.004	0.000
OF	406.800	-1.024	0.000	9.456	0.000	0.000	0.000	0.000	0.004	0.000
OF	410.100	-1.012	0.000	9.457	0.000	0.000	0.000	0.000	0.002	0.000
OF	413.400	-1.012	0.000	9.457	0.000	0.000	0.000	0.000	0.000	0.000
OF	416.700	-1.012	0.000	9.458	0.000	0.000	0.000	0.000	0.000	0.000
OF	419.900	-1.012	0.000	9.458	0.000	0.000	0.000	0.000	0.000	0.000
OF	423.200	-1.012	0.000	9.459	0.000	0.000	0.000	0.000	0.000	0.000
OF	426.500	-1.012	0.000	9.459	0.000	0.000	0.000	0.000	0.000	0.000
OF	429.800	-1.013	0.000	9.460	0.000	0.000	0.000	0.000	0.000	0.000
OF	433.100	-1.013	0.000	9.460	0.000	0.000	0.000	0.000	0.000	0.000
OF	436.400	-1.013	0.000	9.460	0.000	0.000	0.000	0.000	0.000	0.000
OF	439.600	-1.013	0.000	9.461	0.000	0.000	0.000	0.000	0.000	0.000
OF	442.900	-1.013	0.000	9.461	0.000	0.000	0.000	0.000	0.000	0.000
OF	446.200	-1.014	0.000	9.462	0.000	0.000	0.000	0.000	0.000	0.000
OF	449.500	-1.014	0.000	9.462	0.000	0.000	0.000	0.000	0.000	0.000
OF	452.800	-1.014	0.000	9.462	0.000	0.000	0.000	0.000	0.000	0.000
OF	456.000	-1.014	0.000	9.463	0.000	0.000	0.000	0.000	0.000	0.000
OF	459.300	-1.015	0.000	9.463	0.000	0.000	0.000	0.000	0.000	0.000
OF	462.600	-1.015	0.000	9.464	0.000	0.000	0.000	0.000	0.000	0.000
OF	465.900	-1.015	0.000	9.464	0.000	0.000	0.000	0.000	0.000	0.000
OF	469.200	-1.015	0.000	9.464	0.000	0.000	0.000	0.000	0.000	0.000
OF	472.400	-1.015	0.000	9.465	0.000	0.000	0.000	0.000	0.000	0.000
OF	475.700	-1.015	0.000	9.465	0.000	0.000	0.000	0.000	0.000	0.000
OF	479.000	-1.016	0.000	9.465	0.000	0.000	0.000	0.000	0.000	0.000
OF	482.300	-1.016	0.000	9.466	0.000	0.000	0.000	0.000	0.000	0.000
OF	485.600	-1.016	0.000	9.466	0.000	0.000	0.000	0.000	0.000	0.000
OF	488.800	-1.016	0.000	9.466	0.000	0.000	0.000	0.000	0.000	0.000
OF	492.100	-1.016	0.000	9.467	0.000	0.000	0.000	0.000	0.000	0.000
OF	495.400	-1.017	0.000	9.467	0.000	0.000	0.000	0.000	0.000	0.000
OF	498.700	-1.017	0.000	9.467	0.000	0.000	0.000	0.000	0.000	0.000
OF	502.000	-1.017	0.000	9.468	0.000	0.000	0.000	0.000	0.000	0.000
OF	505.200	-1.017	0.000	9.468	0.000	0.000	0.000	0.000	-0.002	0.000
OF	508.500	-1.030	0.000	9.468	0.000	0.000	0.000	0.000	-0.007	0.000
OF	511.800	-1.061	0.000	9.469	0.000	0.000	0.000	0.000	-0.009	0.000
OF	515.100	-1.091	0.000	9.469	0.000	0.000	0.000	0.000	-0.009	0.000
OF	518.400	-1.121	0.000	9.470	0.000	0.000	0.000	0.000	-0.009	0.000
OF	521.700	-1.151	0.000	9.470	0.000	0.000	0.000	0.000	-0.009	0.000
OF	524.900	-1.181	0.000	9.471	0.000	0.000	0.000	0.000	-0.009	0.000
OF	528.200	-1.212	0.000	9.471	0.000	0.000	0.000	0.000	-0.009	0.000
OF	531.500	-1.242	0.000	9.472	0.000	0.000	0.000	0.000	-0.009	0.000
OF	534.800	-1.272	0.000	9.472	0.000	0.000	0.000	0.000	-0.010	0.000
OF	538.100	-1.308	0.000	9.472	0.000	0.000	0.000	0.000	-0.012	0.000
OF	541.300	-1.352	0.000	9.473	0.000	0.000	0.000	0.000	-0.014	0.000
OF	544.600	-1.395	0.000	9.473	0.000	0.000	0.000	0.000	-0.013	0.000
OF	547.900	-1.439	0.000	9.474	0.000	0.000	0.000	0.000	-0.013	0.000
OF	551.200	-1.483	0.000	9.474	0.000	0.000	0.000	0.000	-0.013	0.000
OF	554.500	-1.527	0.000	9.474	0.000	0.000	0.000	0.000	-0.014	0.000
OF	557.700	-1.571	0.000	9.475	0.000	0.000	0.000	0.000	-0.014	0.000
OF	561.000	-1.615	0.000	9.475	0.000	0.000	0.000	0.000	-0.013	0.000
OF	564.300	-1.659	0.000	9.476	0.000	0.000	0.000	0.000	-0.013	0.000
OF	567.600	-1.703	0.000	9.476	0.000	0.000	0.000	0.000	-0.013	0.000
OF	570.900	-1.747	0.000	9.476	0.000	0.000	0.000	0.000	-0.014	0.000
OF	574.100	-1.791	0.000	9.476	0.000	0.000	0.000	0.000	-0.014	0.000
OF	577.400	-1.834	0.000	9.477	0.000	0.000	0.000	0.000	-0.013	0.000
OF	580.700	-1.878	0.000	9.477	0.000	0.000	0.000	0.000	-0.013	0.000
OF	584.000	-1.922	0.000	9.477	0.000	0.000	0.000	0.000	-0.013	0.000
OF	587.300	-1.966	0.000	9.478	0.000	0.000	0.000	0.000	-0.013	0.000
OF	590.500	-2.004	0.000	9.478	0.000	0.000	0.000	0.000	-0.007	0.000
OF	593.800	-2.012	0.000	9.478	0.000	0.000	0.000	0.000	-0.002	0.000
OF	597.100	-2.020	0.000	9.478	0.000	0.000	0.000	0.000	-0.002	0.000
OF	600.400	-2.027	0.000	9.479	0.000	0.000	0.000	0.000	-0.002	0.000
OF	603.700	-2.034	0.000	9.479	0.000	0.000	0.000	0.000	-0.002	0.000
OF	607.000	-2.041	0.000	9.479	0.000	0.000	0.000	0.000	-0.002	0.000
OF	610.200	-2.048	0.000	9.479	0.000	0.000	0.000	0.000	-0.002	0.000
OF	613.500	-2.055	0.000	9.479	0.000	0.000	0.000	0.000	-0.002	0.000
OF	616.800	-2.062	0.000	9.479	0.000	0.000	0.000	0.000	-0.002	0.000
OF	620.100	-2.070	0.000	9.479	0.000	0.000	0.000	0.000	-0.002	0.000
OF	623.400	-2.077	0.000	9.479	0.000	0.000	0.000	0.000	-0.002	0.000
OF	626.600	-2.084	0.000	9.479	0.000	0.000	0.000	0.000	-0.002	0.000
OF	629.900	-2.091	0.000	9.479	0.000	0.000	0.000	0.000	-0.002	0.000
OF	633.200	-2.098	0.000	9.480	0.000	0.000	0.000	0.000	-0.002	0.000
OF	636.500	-2.106	0.000	9.480	0.000	0.000	0.000	0.000	-0.002	0.000

OF	639.800	-2.113	0.000	9.480	0.000	0.000	0.000	0.000	0.002	0.000
OF	643.000	-2.096	0.000	9.480	0.000	0.000	0.000	0.000	0.006	0.000
OF	646.300	-2.074	0.000	9.480	0.000	0.000	0.000	0.000	0.007	0.000
OF	649.600	-2.052	0.000	9.480	0.000	0.000	0.000	0.000	0.007	0.000
OF	652.900	-2.030	0.000	9.480	0.000	0.000	0.000	0.000	0.007	0.000
OF	656.200	-2.008	0.000	9.480	0.000	0.000	0.000	0.000	0.007	0.000
OF	659.400	-1.986	0.000	9.479	0.000	0.000	0.000	0.000	0.008	0.000
OF	662.700	-1.954	0.000	9.479	0.000	0.000	0.000	0.000	0.012	0.000
OF	666.000	-1.909	0.000	9.479	0.000	0.000	0.000	0.000	0.014	0.000
OF	669.300	-1.864	0.000	9.479	0.000	0.000	0.000	0.000	0.014	0.000
OF	672.600	-1.819	0.000	9.479	0.000	0.000	0.000	0.000	0.014	0.000
OF	675.900	-1.775	0.000	9.479	0.000	0.000	0.000	0.000	0.014	0.000
OF	679.100	-1.730	0.000	9.479	0.000	0.000	0.000	0.000	0.014	0.000
OF	682.400	-1.685	0.000	9.479	0.000	0.000	0.000	0.000	0.014	0.000
OF	685.700	-1.640	0.000	9.479	0.000	0.000	0.000	0.000	0.014	0.000
OF	689.000	-1.596	0.000	9.479	0.000	0.000	0.000	0.000	0.014	0.000
OF	692.300	-1.551	0.000	9.479	0.000	0.000	0.000	0.000	0.014	0.000
OF	695.500	-1.506	0.000	9.478	0.000	0.000	0.000	0.000	0.014	0.000
OF	698.800	-1.462	0.000	9.478	0.000	0.000	0.000	0.000	0.014	0.000
OF	702.100	-1.417	0.000	9.478	0.000	0.000	0.000	0.000	0.013	0.000
OF	705.400	-1.374	0.000	9.478	0.000	0.000	0.000	0.000	0.013	0.000
OF	708.700	-1.332	0.000	9.478	0.000	0.000	0.000	0.000	0.013	0.000
OF	711.900	-1.289	0.000	9.478	0.000	0.000	0.000	0.000	0.013	0.000
OF	715.200	-1.246	0.000	9.478	0.000	0.000	0.000	0.000	0.013	0.000
OF	718.500	-1.203	0.000	9.478	0.000	0.000	0.000	0.000	0.013	0.000
OF	721.800	-1.160	0.000	9.478	0.000	0.000	0.000	0.000	0.013	0.000
OF	725.100	-1.118	0.000	9.478	0.000	0.000	0.000	0.000	0.013	0.000
OF	728.300	-1.075	0.000	9.478	0.000	0.000	0.000	0.000	0.013	0.000
OF	731.600	-1.032	0.000	9.478	0.000	0.000	0.000	0.000	0.013	0.000
OF	734.900	-0.989	0.000	9.478	0.000	0.000	0.000	0.000	0.013	0.000
OF	738.200	-0.946	0.000	9.478	0.000	0.000	0.000	0.000	0.013	0.000
OF	741.500	-0.904	0.000	9.478	0.000	0.000	0.000	0.000	0.013	0.000
OF	744.700	-0.861	0.000	9.478	0.000	0.000	0.000	0.000	0.013	0.000
OF	748.000	-0.819	0.000	9.478	0.000	0.000	0.000	0.000	0.009	0.000
OF	751.300	-0.800	0.000	9.478	0.000	0.000	0.000	0.000	0.006	0.000
OF	754.600	-0.782	0.000	9.478	0.000	0.000	0.000	0.000	0.006	0.000
OF	757.900	-0.763	0.000	9.478	0.000	0.000	0.000	0.000	0.006	0.000
OF	761.200	-0.744	0.000	9.478	0.000	0.000	0.000	0.000	0.006	0.000
OF	764.400	-0.725	0.000	9.479	0.000	0.000	0.000	0.000	0.006	0.000
OF	767.700	-0.707	0.000	9.479	0.000	0.000	0.000	0.000	0.005	0.000
OF	771.000	-0.695	0.000	9.479	0.000	0.000	0.000	0.000	0.003	0.000
OF	774.300	-0.685	0.000	9.479	0.000	0.000	0.000	0.000	0.003	0.000
OF	777.600	-0.675	0.000	9.479	0.000	0.000	0.000	0.000	0.003	0.000
OF	780.800	-0.665	0.000	9.480	0.000	0.000	0.000	0.000	0.003	0.000
OF	784.100	-0.655	0.000	9.480	0.000	0.000	0.000	0.000	0.003	0.000
OF	787.400	-0.645	0.000	9.480	0.000	0.000	0.000	0.000	0.003	0.000
OF	790.700	-0.635	0.000	9.480	0.000	0.000	0.000	0.000	0.003	0.000
OF	794.000	-0.625	0.000	9.481	0.000	0.000	0.000	0.000	0.003	0.000
OF	797.200	-0.615	0.000	9.481	0.000	0.000	0.000	0.000	0.003	0.000
OF	800.500	-0.605	0.000	9.481	0.000	0.000	0.000	0.000	0.003	0.000
OF	803.800	-0.595	0.000	9.481	0.000	0.000	0.000	0.000	0.003	0.000
OF	807.100	-0.584	0.000	9.481	0.000	0.000	0.000	0.000	0.003	0.000
OF	810.400	-0.574	0.000	9.482	0.000	0.000	0.000	0.000	0.003	0.000
OF	813.600	-0.564	0.000	9.482	0.000	0.000	0.000	0.000	0.003	0.000
OF	816.900	-0.554	0.000	9.482	0.000	0.000	0.000	0.000	0.003	0.000
OF	820.200	-0.544	0.000	9.482	0.000	0.000	0.000	0.000	0.003	0.000
OF	823.500	-0.534	0.000	9.483	0.000	0.000	0.000	0.000	0.003	0.000
OF	826.800	-0.524	0.000	9.483	0.000	0.000	0.000	0.000	0.003	0.000
OF	830.100	-0.514	0.000	9.483	0.000	0.000	0.000	0.000	0.003	0.000
OF	833.300	-0.504	0.000	9.483	0.000	0.000	0.000	0.000	0.003	0.000
OF	836.600	-0.494	0.000	9.483	0.000	0.000	0.000	0.000	0.003	0.000
OF	839.900	-0.484	0.000	9.483	0.000	0.000	0.000	0.000	0.003	0.000
OF	843.200	-0.474	0.000	9.484	0.000	0.000	0.000	0.000	0.003	0.000
OF	846.500	-0.463	0.000	9.484	0.000	0.000	0.000	0.000	0.003	0.000
OF	849.700	-0.453	0.000	9.484	0.000	0.000	0.000	0.000	0.003	0.000
OF	853.000	-0.444	0.000	9.484	0.000	0.000	0.000	0.000	0.003	0.000
OF	856.300	-0.434	0.000	9.485	0.000	0.000	0.000	0.000	0.003	0.000
OF	859.600	-0.425	0.000	9.485	0.000	0.000	0.000	0.000	0.003	0.000
OF	862.900	-0.415	0.000	9.485	0.000	0.000	0.000	0.000	0.003	0.000
OF	866.100	-0.406	0.000	9.485	0.000	0.000	0.000	0.000	0.003	0.000
OF	869.400	-0.396	0.000	9.486	0.000	0.000	0.000	0.000	0.003	0.000
OF	872.700	-0.387	0.000	9.486	0.000	0.000	0.000	0.000	0.003	0.000
OF	876.000	-0.378	0.000	9.486	0.000	0.000	0.000	0.000	0.002	0.000
OF	879.300	-0.376	0.000	9.486	0.000	0.000	0.000	0.000	0.001	0.000
OF	882.500	-0.373	0.000	9.487	0.000	0.000	0.000	0.000	0.001	0.000
OF	885.800	-0.371	0.000	9.487	0.000	0.000	0.000	0.000	0.001	0.000
OF	889.100	-0.368	0.000	9.487	0.000	0.000	0.000	0.000	0.001	0.000
OF	892.400	-0.365	0.000	9.488	0.000	0.000	0.000	0.000	0.001	0.000
OF	895.700	-0.363	0.000	9.488	0.000	0.000	0.000	0.000	0.001	0.000
OF	898.900	-0.360	0.000	9.488	0.000	0.000	0.000	0.000	0.001	0.000
OF	902.200	-0.357	0.000	9.488	0.000	0.000	0.000	0.000	0.001	0.000
OF	905.500	-0.355	0.000	9.488	0.000	0.000	0.000	0.000	0.001	0.000
OF	908.800	-0.352	0.000	9.489	0.000	0.000	0.000	0.000	0.001	0.000
OF	912.100	-0.350	0.000	9.489	0.000	0.000	0.000	0.000	0.001	0.000
OF	915.400	-0.347	0.000	9.489	0.000	0.000	0.000	0.000	0.001	0.000
OF	918.600	-0.345	0.000	9.489	0.000	0.000	0.000	0.000	0.001	0.000
OF	921.900	-0.342	0.000	9.490	0.000	0.000	0.000	0.000	0.001	0.000
OF	925.200	-0.339	0.000	9.490	0.000	0.000	0.000	0.000	0.001	0.000
OF	928.500	-0.337	0.000	9.490	0.000	0.000	0.000	0.000	0.001	0.000
OF	931.800	-0.334	0.000	9.490	0.000	0.000	0.000	0.000	0.001	0.000
OF	935.000	-0.331	0.000	9.491	0.000	0.000	0.000	0.000	0.001	0.000
OF	938.300	-0.329	0.000	9.491	0.000	0.000	0.000	0.000	0.001	0.000
OF	941.600	-0.326	0.000	9.491	0.000	0.000	0.000	0.000	0.001	0.000
OF	944.900	-0.324	0.000	9.491	0.000	0.000	0.000	0.000	0.001	0.000
OF	948.200	-0.321	0.000	9.492	0.000	0.000	0.000	0.000	0.001	0.000
OF	951.400	-0.318	0.000	9.492	0.000	0.000	0.000	0.000	0.001	0.000
OF	954.700	-0.316	0.000	9.492	0.000	0.000	0.000	0.000	0.001	0.000
OF	958.000	-0.313	0.000	9.492	0.000	0.000	0.000	0.000	0.001	0.000
OF	961.300	-0.311	0.000	9.492	0.000	0.000	0.000	0.000	0.001	0.000
OF	964.600	-0.308	0.000	9.493	0.000	0.000	0.000	0.000	0.001	0.000
OF	967.800	-0.307	0.000	9.493	0.000	0.000	0.000	0.000	0.000	0.000
OF	971.100	-0.309	0.000	9.493	0.000	0.000	0.000	0.000	-0.001	0.000

OF	974.400	-0.311	0.000	9.493	0.000	0.000	0.000	0.000	-0.001	0.000
OF	977.700	-0.312	0.000	9.493	0.000	0.000	0.000	0.000	-0.001	0.000
OF	981.000	-0.314	0.000	9.494	0.000	0.000	0.000	0.000	-0.001	0.000
OF	984.200	-0.316	0.000	9.494	0.000	0.000	0.000	0.000	-0.001	0.000
OF	987.500	-0.318	0.000	9.494	0.000	0.000	0.000	0.000	-0.001	0.000
OF	990.800	-0.319	0.000	9.494	0.000	0.000	0.000	0.000	0.000	0.000
OF	994.100	-0.318	0.000	9.495	0.000	0.000	0.000	0.000	0.001	0.000
OF	997.400	-0.312	0.000	9.495	0.000	0.000	0.000	0.000	0.002	0.000
OF	1000.700	-0.306	0.000	9.495	0.000	0.000	0.000	0.000	0.002	0.000
OF	1003.900	-0.300	0.000	9.495	0.000	0.000	0.000	0.000	0.002	0.000
OF	1007.200	-0.294	0.000	9.495	0.000	0.000	0.000	0.000	0.002	0.000
OF	1010.500	-0.288	0.000	9.496	0.000	0.000	0.000	0.000	0.002	0.000
OF	1013.800	-0.282	0.000	9.496	0.000	0.000	0.000	0.000	0.002	0.000
OF	1017.100	-0.275	0.000	9.496	0.000	0.000	0.000	0.000	0.002	0.000
OF	1020.300	-0.269	0.000	9.496	0.000	0.000	0.000	0.000	0.002	0.000
OF	1023.600	-0.263	0.000	9.496	0.000	0.000	0.000	0.000	0.002	0.000
OF	1026.900	-0.257	0.000	9.496	0.000	0.000	0.000	0.000	0.002	0.000
OF	1030.200	-0.251	0.000	9.496	0.000	0.000	0.000	0.000	0.002	0.000
OF	1033.500	-0.245	0.000	9.497	0.000	0.000	0.000	0.000	0.002	0.000
OF	1036.700	-0.239	0.000	9.497	0.000	0.000	0.000	0.000	0.002	0.000
OF	1040.000	-0.233	0.000	9.497	0.000	0.000	0.000	0.000	0.002	0.000
OF	1043.300	-0.227	0.000	9.497	0.000	0.000	0.000	0.000	0.002	0.000
OF	1046.600	-0.221	0.000	9.497	0.000	0.000	0.000	0.000	0.002	0.000
OF	1049.900	-0.215	0.000	9.497	0.000	0.000	0.000	0.000	0.002	0.000
OF	1053.100	-0.209	0.000	9.498	0.000	0.000	0.000	0.000	0.002	0.000
OF	1056.400	-0.203	0.000	9.498	0.000	0.000	0.000	0.000	0.002	0.000
OF	1059.700	-0.197	0.000	9.498	0.000	0.000	0.000	0.000	0.002	0.000
OF	1063.000	-0.190	0.000	9.498	0.000	0.000	0.000	0.000	0.002	0.000
OF	1066.300	-0.184	0.000	9.498	0.000	0.000	0.000	0.000	0.002	0.000
OF	1069.600	-0.178	0.000	9.498	0.000	0.000	0.000	0.000	0.002	0.000
OF	1072.800	-0.172	0.000	9.499	0.000	0.000	0.000	0.000	0.002	0.000
OF	1076.100	-0.166	0.000	9.499	0.000	0.000	0.000	0.000	0.002	0.000
OF	1079.400	-0.160	0.000	9.499	0.000	0.000	0.000	0.000	0.002	0.000
OF	1082.700	-0.154	0.000	9.499	0.000	0.000	0.000	0.000	0.002	0.000
OF	1086.000	-0.148	0.000	9.499	0.000	0.000	0.000	0.000	0.002	0.000
OF	1089.200	-0.142	0.000	9.499	0.000	0.000	0.000	0.000	0.002	0.000
OF	1092.500	-0.136	0.000	9.500	0.000	0.000	0.000	0.000	0.002	0.000
OF	1095.800	-0.130	0.000	9.500	0.000	0.000	0.000	0.000	0.004	0.000
OF	1099.100	-0.109	0.000	9.500	0.000	0.000	0.000	0.000	0.006	0.000
OF	1102.400	-0.088	0.000	9.500	0.000	0.000	0.000	0.000	0.007	0.000
OF	1105.600	-0.066	0.000	9.500	0.000	0.000	0.000	0.000	0.007	0.000
OF	1108.900	-0.045	0.000	9.500	0.000	0.000	0.000	0.000	0.007	0.000
OF	1112.200	-0.023	0.000	9.500	0.000	0.000	0.000	0.000	-0.024	0.000
OF	1115.500	-0.206	0.000	9.501	0.000	0.000	0.000	0.000	-0.047	0.000
OF	1118.800	-0.335	0.000	9.502	0.000	0.000	0.000	0.000	-0.004	0.000
OF	1122.000	-0.233	0.000	9.502	0.000	0.000	0.000	0.000	0.028	0.000
OF	1125.300	-0.150	0.000	9.502	0.000	0.000	0.000	0.000	0.017	0.000
OF	1128.600	-0.120	0.000	9.502	0.000	0.000	0.000	0.000	0.009	0.000
OF	1131.900	-0.091	0.000	9.502	0.000	0.000	0.000	0.000	0.009	0.000
OF	1135.200	-0.061	0.000	9.502	0.000	0.000	0.000	0.000	0.009	0.000
OF	1138.400	-0.031	0.000	9.502	0.000	0.000	0.000	0.000	0.000	0.000
OF	1141.700	-0.061	0.000	9.502	0.000	0.000	0.000	0.000	-0.011	0.000
OF	1145.000	-0.102	0.000	9.502	0.000	0.000	0.000	0.000	-0.013	0.000
OF	1148.300	-0.143	0.000	9.503	0.000	0.000	0.000	0.000	-0.013	0.000
OF	1151.600	-0.185	0.000	9.503	0.000	0.000	0.000	0.000	0.013	0.000
OF	1154.900	-0.060	0.000	9.503	0.000	0.000	0.000	0.000	0.042	0.000
IF	1158.100	0.089	0.000	9.502	0.000	0.000	0.000	0.000	0.046	0.000
IF	1161.400	0.239	0.000	9.501	0.000	0.000	0.000	0.000	0.037	0.000
IF	1164.700	0.334	0.000	9.501	0.000	0.000	0.000	0.000	0.027	0.000
IF	1168.000	0.417	0.000	9.501	0.000	0.000	0.000	0.000	-0.007	0.000
IF	1171.300	0.289	0.000	9.502	0.000	0.000	0.000	0.000	-0.013	0.000
IF	1174.500	0.330	0.000	9.502	0.000	0.000	0.000	0.000	0.003	0.000
IF	1177.800	0.309	0.000	9.502	0.000	0.000	0.000	0.000	-0.050	0.000
OF	1181.100	-0.002	0.000	9.505	0.000	0.000	0.000	0.000	-0.048	0.000
OF	1184.400	-0.010	0.000	9.505	0.000	0.000	0.000	0.000	-0.002	0.000
OF	1187.700	-0.017	0.000	9.505	0.000	0.000	0.000	0.000	-0.002	0.000
OF	1190.900	-0.024	0.000	9.505	0.000	0.000	0.000	0.000	-0.002	0.000
OF	1194.200	-0.032	0.000	9.505	0.000	0.000	0.000	0.000	-0.002	0.000
OF	1197.500	-0.039	0.000	9.505	0.000	0.000	0.000	0.000	-0.002	0.000
OF	1200.800	-0.046	0.000	9.506	0.000	0.000	0.000	0.000	-0.002	0.000
OF	1204.100	-0.054	0.000	9.506	0.000	0.000	0.000	0.000	-0.002	0.000
OF	1207.300	-0.061	0.000	9.506	0.000	0.000	0.000	0.000	-0.002	0.000
OF	1210.600	-0.068	0.000	9.506	0.000	0.000	0.000	0.000	-0.002	0.000
OF	1213.900	-0.076	0.000	9.507	0.000	0.000	0.000	0.000	-0.002	0.000
OF	1217.200	-0.083	0.000	9.507	0.000	0.000	0.000	0.000	-0.002	0.000
OF	1220.500	-0.090	0.000	9.507	0.000	0.000	0.000	0.000	-0.002	0.000
OF	1223.800	-0.094	0.000	9.507	0.000	0.000	0.000	0.000	-0.001	0.000
OF	1227.000	-0.099	0.000	9.507	0.000	0.000	0.000	0.000	-0.001	0.000
OF	1230.300	-0.103	0.000	9.507	0.000	0.000	0.000	0.000	-0.001	0.000
OF	1233.600	-0.107	0.000	9.507	0.000	0.000	0.000	0.000	-0.001	0.000
OF	1236.900	-0.111	0.000	9.508	0.000	0.000	0.000	0.000	-0.001	0.000
OF	1240.200	-0.116	0.000	9.508	0.000	0.000	0.000	0.000	-0.001	0.000
OF	1243.400	-0.120	0.000	9.508	0.000	0.000	0.000	0.000	-0.001	0.000
OF	1246.700	-0.124	0.000	9.508	0.000	0.000	0.000	0.000	-0.001	0.000
OF	1250.000	-0.128	0.000	9.508	0.000	0.000	0.000	0.000	-0.001	0.000
OF	1253.300	-0.132	0.000	9.509	0.000	0.000	0.000	0.000	-0.001	0.000
OF	1256.600	-0.137	0.000	9.509	0.000	0.000	0.000	0.000	-0.001	0.000
OF	1259.800	-0.141	0.000	9.509	0.000	0.000	0.000	0.000	-0.001	0.000
OF	1263.100	-0.145	0.000	9.509	0.000	0.000	0.000	0.000	0.001	0.000
OF	1266.400	-0.134	0.000	9.509	0.000	0.000	0.000	0.000	0.005	0.000
OF	1269.700	-0.112	0.000	9.509	0.000	0.000	0.000	0.000	0.007	0.000
OF	1273.000	-0.090	0.000	9.509	0.000	0.000	0.000	0.000	0.007	0.000
OF	1276.200	-0.068	0.000	9.509	0.000	0.000	0.000	0.000	0.007	0.000
OF	1279.500	-0.046	0.000	9.509	0.000	0.000	0.000	0.000	0.007	0.000
OF	1282.800	-0.024	0.000	9.509	0.000	0.000	0.000	0.000	0.001	0.000
OF	1286.100	-0.041	0.000	9.509	0.000	0.000	0.000	0.000	-0.052	0.000
OF	1289.400	-0.366	0.000	9.511	0.000	0.000	0.000	0.000	-0.034	0.000
OF	1292.600	-0.260	0.000	9.511	0.000	0.000	0.000	0.000	0.029	0.000
OF	1295.900	-0.180	0.000	9.510	0.000	0.000	0.000	0.000	0.024	0.000
OF	1299.200	-0.099	0.000	9.510	0.000	0.000	0.000	0.000	0.024	0.000
OF	1302.500	-0.018	0.000	9.510	0.000	0.000	0.000	0.000	0.025	0.000
IF	1305.800	0.063	0.000	9.509	0.000	0.000	0.000	0.000	0.025	0.000

IF	1309.100	0.145	0.000	9.509	0.000	0.000	0.000	0.000	0.025	0.000
IF	1312.300	0.227	0.000	9.509	0.000	0.000	0.000	0.000	0.018	0.000
IF	1315.600	0.262	0.000	9.509	0.000	0.000	0.000	0.000	0.003	0.000
IF	1318.900	0.249	0.000	9.509	0.000	0.000	0.000	0.000	-0.005	0.000
IF	1322.200	0.231	0.000	9.509	0.000	0.000	0.000	0.000	-0.018	0.000
IF	1325.500	0.129	0.000	9.510	0.000	0.000	0.000	0.000	-0.031	0.000
IF	1328.700	0.028	0.000	9.511	0.000	0.000	0.000	0.000	-0.015	0.000
IF	1332.000	0.030	0.000	9.511	0.000	0.000	0.000	0.000	0.019	0.000
IF	1335.300	0.151	0.000	9.510	0.000	0.000	0.000	0.000	0.036	0.000
IF	1338.600	0.267	0.000	9.510	0.000	0.000	0.000	0.000	0.007	0.000
IF	1341.900	0.200	0.000	9.510	0.000	0.000	0.000	0.000	-0.021	0.000
IF	1345.100	0.133	0.000	9.511	0.000	0.000	0.000	0.000	0.001	0.000
IF	1348.400	0.203	0.000	9.511	0.000	0.000	0.000	0.000	0.026	0.000
IF	1351.700	0.304	0.000	9.510	0.000	0.000	0.000	0.000	-0.007	0.000
IF	1355.000	0.160	0.000	9.511	0.000	0.000	0.000	0.000	-0.015	0.000
IF	1358.300	0.207	0.000	9.511	0.000	0.000	0.000	0.000	0.020	0.000
IF	1361.500	0.289	0.000	9.511	0.000	0.000	0.000	0.000	0.025	0.000
IF	1364.800	0.371	0.000	9.511	0.000	0.000	0.000	0.000	0.009	0.000
IF	1368.100	0.352	0.000	9.511	0.000	0.000	0.000	0.000	-0.014	0.000
IF	1371.400	0.277	0.000	9.512	0.000	0.000	0.000	0.000	-0.023	0.000
IF	1374.700	0.201	0.000	9.512	0.000	0.000	0.000	0.000	0.008	0.000
IF	1377.900	0.328	0.000	9.512	0.000	0.000	0.000	0.000	0.060	0.000
IF	1381.200	0.593	0.000	9.510	0.000	0.000	0.000	0.000	0.045	0.000
IF	1384.500	0.622	0.000	9.510	0.000	0.000	0.000	0.000	0.001	0.000
IF	1387.800	0.599	0.000	9.511	0.000	0.000	0.000	0.000	0.039	0.000
IF	1391.100	0.879	0.000	9.509	0.000	0.000	0.000	0.000	0.047	0.000
IF	1394.400	0.910	0.000	9.510	0.000	0.000	0.000	0.000	-0.005	0.000
IF	1397.600	0.844	0.000	9.510	0.000	0.000	0.000	0.000	-0.005	0.000
IF	1400.900	0.880	0.000	9.510	0.000	0.000	0.000	0.000	0.016	0.000
IF	1404.200	0.951	0.000	9.510	0.000	0.000	0.000	0.000	0.022	0.000
IF	1407.500	1.023	0.000	9.510	0.000	0.000	0.000	0.000	0.021	0.000
IF	1410.800	1.088	0.000	9.510	0.000	0.000	0.000	0.000	0.020	0.000
IF	1414.000	1.152	0.000	9.510	0.000	0.000	0.000	0.000	0.020	0.000
IF	1417.300	1.217	0.000	9.510	0.000	0.000	0.000	0.000	0.018	0.000
IF	1420.600	1.268	0.000	9.510	0.000	0.000	0.000	0.000	0.015	0.000
IF	1423.900	1.319	0.000	9.511	0.000	0.000	0.000	0.000	0.017	0.000
IF	1427.200	1.379	0.000	9.511	0.000	0.000	0.000	0.000	0.021	0.000
IF	1430.400	1.455	0.000	9.511	0.000	0.000	0.000	0.000	0.023	0.000
IF	1433.700	1.531	0.000	9.511	0.000	0.000	0.000	0.000	0.021	0.000
IF	1437.000	1.593	0.000	9.511	0.000	0.000	0.000	0.000	0.018	0.000
IF	1440.300	1.650	0.000	9.511	0.000	0.000	0.000	0.000	0.018	0.000
IF	1443.600	1.708	0.000	9.512	0.000	0.000	0.000	0.000	0.026	0.000
IF	1446.800	1.817	0.000	9.512	0.000	0.000	0.000	0.000	0.045	0.000
IF	1450.100	2.000	0.000	9.511	0.000	0.000	0.000	0.000	0.056	0.000
IF	1453.400	2.183	0.000	9.510	0.000	0.000	0.000	0.000	0.043	0.000
IF	1456.700	2.283	0.000	9.511	0.000	0.000	0.000	0.000	0.008	0.000
IF	1460.000	2.237	0.000	9.513	0.000	0.000	0.000	0.000	-0.006	0.000
IF	1463.300	2.244	0.000	9.514	0.000	0.000	0.000	0.000	0.030	0.000
IF	1466.500	2.431	0.000	9.514	0.000	0.000	0.000	0.000	0.057	0.000
IF	1469.800	2.617	0.000	9.513	0.000	0.000	0.000	0.000	0.051	0.000
IF	1473.100	2.767	0.000	9.513	0.000	0.000	0.000	0.000	0.045	0.000
IF	1476.400	2.915	0.000	9.514	0.000	0.000	0.000	0.000	0.067	0.000
IF	1479.700	3.206	0.000	9.513	0.000	0.000	0.000	0.000	0.111	0.000
IF	1482.900	3.637	0.000	9.511	0.000	0.000	0.000	0.000	0.082	0.000
IF	1486.200	3.736	0.000	9.514	0.000	0.000	0.000	0.000	0.051	0.000
IF	1489.500	3.973	0.000	9.516	0.000	0.000	0.000	0.000	0.079	0.000
IF	1492.800	4.260	0.000	9.517	0.000	0.000	0.000	0.000	0.080	0.000
IF	1496.100	4.503	0.000	9.520	0.000	0.000	0.000	0.000	0.075	0.000
IF	1499.300	4.745	0.000	9.523	0.000	0.000	0.000	0.000	0.081	0.000
IF	1502.600	5.029	0.000	9.527	0.000	0.000	0.000	0.000	0.088	0.000
IF	1505.900	5.323	0.000	9.533	0.000	0.000	0.000	0.000	0.089	0.000
IF	1509.200	5.618	0.000	9.541	0.000	0.000	0.000	0.000	0.132	0.000
IF	1512.500	6.197	0.000	9.545	0.000	0.000	0.000	0.000	0.178	0.000
IF	1515.700	6.777	0.000	9.555	0.000	0.000	0.000	0.000	0.120	0.000
IF	1519.000	6.979	0.000	9.588	0.000	0.000	0.000	0.000	0.061	0.000
IF	1522.300	7.181	0.000	9.620	0.000	0.000	0.000	0.000	0.053	0.000
IF	1525.600	7.328	0.000	9.653	0.000	0.000	0.000	0.000	0.040	0.000
IF	1528.900	7.445	0.000	9.686	0.000	0.000	0.000	0.000	0.036	0.000
IF	1532.100	7.561	0.000	9.712	0.000	0.000	0.000	0.000	0.036	0.000
IF	1535.400	7.678	0.000	9.734	0.000	0.000	0.000	0.000	0.294	0.000
IF	1538.700	9.500	0.000	9.969	0.000	0.000	0.000	0.000	0.559	0.000
IF	1539.500	9.969	0.000	9.969	0.000	0.000	0.000	0.000	0.586	0.000
AS	1688.000	9.638	0.000	9.638	0.000	0.000	0.000	0.000	-0.108	0.000
IF	1690.000	9.423	0.000	9.638	0.000	0.000	0.000	0.000	-0.047	0.000
IF	1697.500	9.190	0.000	9.638	0.000	0.000	0.000	0.000	-0.010	0.000
IF	1707.000	9.255	0.000	9.638	0.000	0.000	0.000	0.000	0.016	0.000
IF	1711.500	9.419	0.000	9.638	0.000	0.000	0.000	0.000	0.008	0.000
IF	1715.500	9.321	0.000	9.638	0.000	0.000	0.000	0.000	-0.056	0.000
IF	1721.500	8.861	0.000	9.638	0.000	0.000	0.000	0.000	0.024	0.000
IF	1728.700	9.638	0.000	9.638	0.000	0.000	0.000	0.000	0.108	0.000
AS	1734.300	9.638	0.000	9.638	0.000	0.000	0.000	0.000	-0.108	0.000
IF	1738.500	9.186	0.000	9.638	0.000	0.000	0.000	0.000	-0.021	0.000
IF	1751.000	9.285	0.000	9.638	0.000	0.000	0.000	0.000	-0.001	0.000
IF	1763.000	9.157	0.000	9.638	0.000	0.000	0.000	0.000	-0.017	0.000
IF	1774.000	8.891	0.000	9.638	0.000	0.000	0.000	0.000	0.014	0.000
IF	1788.000	9.514	0.000	9.638	0.000	0.000	0.000	0.000	0.021	0.000
IF	1796.000	9.350	0.000	9.638	0.000	0.000	0.000	0.000	0.012	0.000
IF	1798.700	9.638	0.000	9.638	0.000	0.000	0.000	0.000	0.106	0.000
AS	1816.800	9.638	0.000	9.638	0.000	0.000	0.000	0.000	-0.071	0.000
IF	1819.000	9.482	0.000	9.638	0.000	0.000	0.000	0.000	0.000	0.000
IF	1821.700	9.638	0.000	9.638	0.000	0.000	0.000	0.000	0.058	0.000
AS	1882.200	9.638	0.000	9.638	0.000	0.000	0.000	0.000	-0.065	0.000
IF	1885.000	9.455	0.000	9.638	0.000	0.000	0.000	0.000	0.000	0.000
IF	1887.100	9.638	0.000	9.638	0.000	0.000	0.000	0.000	0.087	0.000
AS	1911.900	9.638	0.000	9.638	0.000	0.000	0.000	0.000	-0.042	0.000
IF	1912.500	9.613	0.000	9.638	0.000	0.000	0.000	0.000	-0.055	0.000
IF	1922.500	9.058	0.000	9.638	0.000	0.000	0.000	0.000	-0.009	0.000
IF	1933.000	9.419	0.000	9.638	0.000	0.000	0.000	0.000	0.042	0.000
IF	1936.200	9.638	0.000	9.638	0.000	0.000	0.000	0.000	0.068	0.000
AS	1956.900	9.638	0.000	9.638	0.000	0.000	0.000	0.000	-0.061	0.000
IF	1961.000	9.387	0.000	9.638	0.000	0.000	0.000	0.000	0.000	0.000
IF	1968.000	9.638	0.000	9.638	0.000	0.000	0.000	0.000	0.036	0.000

AS	1983.900	9.638	0.000	9.638	0.000	0.000	0.000	0.000	-0.047	0.000
IF	2004.500	8.675	0.000	9.638	0.000	0.000	0.000	0.000	-0.006	0.000
IF	2027.000	9.360	0.000	9.638	0.000	0.000	0.000	0.000	0.009	0.000
IF	2042.000	8.999	0.000	9.638	0.000	0.000	0.000	0.000	-0.012	0.000
IF	2058.000	8.990	0.000	9.638	0.000	0.000	0.000	0.000	0.027	0.000
IF	2065.200	9.638	0.000	9.638	0.000	0.000	0.000	0.000	0.090	0.000
AS	2085.600	9.638	0.000	9.638	0.000	0.000	0.000	0.000	-0.088	0.000
IF	2088.000	9.426	0.000	9.638	0.000	0.000	0.000	0.000	0.000	0.000
IF	2092.000	9.638	0.000	9.638	0.000	0.000	0.000	0.000	0.053	0.000
AS	2106.600	9.638	0.000	9.638	0.000	0.000	0.000	0.000	-0.020	0.000
IF	2109.000	9.590	0.000	9.638	0.000	0.000	0.000	0.000	-0.043	0.000
IF	2120.500	9.035	0.000	9.638	0.000	0.000	0.000	0.000	-0.069	0.000
IF	2128.000	8.281	0.000	9.638	0.000	0.000	0.000	0.000	-0.042	0.000
IF	2142.000	8.137	0.000	9.638	0.000	0.000	0.000	0.000	0.005	0.000
IF	2160.500	8.432	0.000	9.638	0.000	0.000	0.000	0.000	0.047	0.000
IF	2174.300	9.638	0.000	9.638	0.000	0.000	0.000	0.000	0.087	0.000
AS	2182.700	9.598	0.000	9.598	0.000	0.000	0.000	0.000	-0.097	0.000
IF	2198.000	8.113	0.000	9.598	0.000	0.000	0.000	0.000	-0.045	0.000
IF	2205.000	8.606	0.000	9.598	0.000	0.000	0.000	0.000	0.051	0.000
IF	2207.000	8.576	0.000	9.598	0.000	0.000	0.000	0.000	-0.024	0.000
IF	2217.500	8.300	0.000	9.598	0.000	0.000	0.000	0.000	0.006	0.000
IF	2232.500	8.727	0.000	9.598	0.000	0.000	0.000	0.000	-0.072	0.000
IF	2239.000	6.759	0.000	9.598	0.000	0.000	0.000	0.000	-0.145	0.000
IF	2242.000	7.349	0.000	9.599	0.000	0.000	0.000	0.000	0.093	0.000
IF	2250.000	7.776	0.000	9.599	0.000	0.000	0.000	0.000	-0.038	0.000
IF	2262.000	6.595	0.000	9.599	0.000	0.000	0.000	0.000	-0.081	0.000
IF	2269.500	6.204	0.000	9.600	0.000	0.000	0.000	0.000	-0.035	0.000
IF	2280.000	5.971	0.000	9.600	0.000	0.000	0.000	0.000	-0.029	0.000
IF	2288.000	5.676	0.000	9.600	0.000	0.000	0.000	0.000	-0.016	0.000
IF	2290.500	5.807	0.000	9.600	0.000	0.000	0.000	0.000	-0.010	0.000
IF	2297.500	5.577	0.000	9.601	0.000	0.000	0.000	0.000	-0.012	0.000
IF	2307.500	5.610	0.000	9.601	0.000	0.000	0.000	0.000	-0.011	0.000
IF	2315.500	5.381	0.000	9.601	0.000	0.000	0.000	0.000	-0.029	0.000
IF	2321.000	5.216	0.000	9.601	0.000	0.000	0.000	0.000	-0.019	0.000
IF	2327.500	5.151	0.000	9.601	0.000	0.000	0.000	0.000	-0.016	0.000
IF	2337.000	4.954	0.000	9.601	0.000	0.000	0.000	0.000	-0.016	0.000
IF	2345.500	4.856	0.000	9.601	0.000	0.000	0.000	0.000	-0.019	0.000
IF	2354.000	4.626	0.000	9.602	0.000	0.000	0.000	0.000	-0.002	0.000
IF	2367.000	4.823	0.000	9.602	0.000	0.000	0.000	0.000	0.019	0.000
IF	2375.000	5.020	0.000	9.602	0.000	0.000	0.000	0.000	-0.016	0.000
IF	2377.000	4.659	0.000	9.602	0.000	0.000	0.000	0.000	-0.044	0.000
IF	2382.500	4.692	0.000	9.602	0.000	0.000	0.000	0.000	0.005	0.000
IF	2390.500	4.724	0.000	9.602	0.000	0.000	0.000	0.000	-0.002	0.000
IF	2396.500	4.659	0.000	9.602	0.000	0.000	0.000	0.000	-0.028	0.000
IF	2401.000	4.429	0.000	9.602	0.000	0.000	0.000	0.000	-0.021	0.000
IF	2406.000	4.462	0.000	9.602	0.000	0.000	0.000	0.000	-0.008	0.000
IF	2413.000	4.331	0.000	9.602	0.000	0.000	0.000	0.000	0.012	0.000
IF	2419.500	4.626	0.000	9.602	0.000	0.000	0.000	0.000	-0.010	0.000
IF	2426.500	4.200	0.000	9.602	0.000	0.000	0.000	0.000	-0.051	0.000
IF	2431.000	4.035	0.000	9.602	0.000	0.000	0.000	0.000	-0.014	0.000
IF	2436.000	4.068	0.000	9.602	0.000	0.000	0.000	0.000	0.014	0.000
IF	2443.000	4.200	0.000	9.602	0.000	0.000	0.000	0.000	-0.095	0.000
IF	2447.000	3.018	0.000	9.602	0.000	0.000	0.000	0.000	-0.016	0.000
IF	2449.000	4.101	0.000	9.602	0.000	0.000	0.000	0.000	0.221	0.000
IF	2452.500	4.232	0.000	9.602	0.000	0.000	0.000	0.000	0.003	0.000
IF	2459.000	4.134	0.000	9.603	0.000	0.000	0.000	0.000	-0.019	0.000
IF	2464.500	4.003	0.000	9.603	0.000	0.000	0.000	0.000	-0.078	0.000
IF	2469.500	3.314	0.000	9.603	0.000	0.000	0.000	0.000	0.036	0.000
IF	2473.500	4.331	0.000	9.603	0.000	0.000	0.000	0.000	0.025	0.000
IF	2480.000	3.576	0.000	9.603	0.000	0.000	0.000	0.000	-0.064	0.000
IF	2491.500	3.182	0.000	9.604	0.000	0.000	0.000	0.000	0.043	0.000
IF	2499.000	4.396	0.000	9.604	0.000	0.000	0.000	0.000	-0.056	0.000
IF	2504.500	2.461	0.000	9.604	0.000	0.000	0.000	0.000	-0.126	0.000
IF	2511.000	2.887	0.000	9.605	0.000	0.000	0.000	0.000	0.006	0.000
IF	2515.500	2.526	0.000	9.605	0.000	0.000	0.000	0.000	-0.047	0.000
IF	2525.500	2.198	0.000	9.605	0.000	0.000	0.000	0.000	-0.078	0.000
OF	2554.000	-0.463	0.000	9.606	0.000	0.000	0.000	0.000	0.061	0.000
IF	2556.500	4.098	0.000	9.606	0.000	0.000	0.000	0.000	0.213	0.000
IF	2562.000	1.243	0.000	9.607	0.000	0.000	0.000	0.000	0.031	0.000
IF	2567.000	4.426	0.000	9.607	0.000	0.000	0.000	0.000	-0.023	0.000
OF	2677.000	-1.345	0.000	9.611	0.000	0.000	0.000	0.000	-0.061	0.000
OF	2721.000	-5.015	0.000	9.611	0.000	0.000	0.000	0.000	-0.084	0.000
OF	2722.000	-5.139	0.000	9.611	0.000	0.000	0.000	0.000	-0.123	0.000
OF	2723.000	-5.262	0.000	9.611	0.000	0.000	0.000	0.000	-0.012	0.000
OF	2746.000	-5.425	0.000	9.611	0.000	0.000	0.000	0.000	-0.007	0.000
OF	2747.000	-5.426	0.000	9.611	0.000	0.000	0.000	0.000	0.000	0.000
OF	2748.000	-5.426	0.000	9.611	0.000	0.000	0.000	0.000	0.000	0.000
OF	2749.000	-5.426	0.000	9.611	0.000	0.000	0.000	0.000	0.000	0.000
OF	2750.000	-5.426	0.000	9.611	0.000	0.000	0.000	0.000	0.000	0.000
OF	2751.000	-5.427	0.000	9.611	0.000	0.000	0.000	0.000	0.000	0.000
OF	2752.000	-5.427	0.000	9.611	0.000	0.000	0.000	0.000	0.000	0.000
OF	2753.000	-5.427	0.000	9.611	0.000	0.000	0.000	0.000	0.000	0.000
OF	2754.000	-5.427	0.000	9.611	0.000	0.000	0.000	0.000	0.000	0.000
OF	2755.000	-5.428	0.000	9.611	0.000	0.000	0.000	0.000	0.000	0.000
OF	2756.000	-5.428	0.000	9.611	0.000	0.000	0.000	0.000	0.000	0.000
OF	2757.000	-5.428	0.000	9.611	0.000	0.000	0.000	0.000	0.000	0.000
OF	2758.000	-5.429	0.000	9.611	0.000	0.000	0.000	0.000	0.000	0.000
OF	2759.000	-5.429	0.000	9.611	0.000	0.000	0.000	0.000	0.000	0.000
OF	2760.000	-5.429	0.000	9.611	0.000	0.000	0.000	0.000	0.000	0.000
OF	2761.000	-5.429	0.000	9.611	0.000	0.000	0.000	0.000	0.000	0.000
OF	2762.000	-5.430	0.000	9.611	0.000	0.000	0.000	0.000	0.000	0.000
OF	2763.000	-5.430	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
OF	2764.000	-5.430	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
OF	2765.000	-5.430	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
OF	2766.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
OF	2767.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
OF	2768.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
OF	2769.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
OF	2770.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
OF	2771.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
OF	2772.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
OF	2773.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000

	OF	2774.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
	OF	2775.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
	OF	2776.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
	OF	2777.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
	OF	2778.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
	OF	2779.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
	OF	2780.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
	OF	2781.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
	OF	2782.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
	OF	2783.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
	OF	2784.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
	OF	2785.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
	OF	2786.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
	OF	2787.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
	OF	2788.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
	OF	2789.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
	OF	2790.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
	OF	2791.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
	OF	2792.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
	OF	2793.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
	OF	2794.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
	OF	2795.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
	OF	2796.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
	OF	2797.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
	OF	2798.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000
	OF	2800.000	-5.431	0.000	9.612	0.000	0.000	0.000	0.000	0.026	0.000
	OF	2801.000	-5.354	0.000	9.612	0.000	0.000	0.000	0.000	0.106	0.000
	OF	2803.000	-5.112	0.000	9.612	0.000	0.000	0.000	0.000	0.121	0.000
	OF	2804.000	-4.991	0.000	9.612	0.000	0.000	0.000	0.000	0.121	0.000
	OF	2806.000	-4.749	0.000	9.612	0.000	0.000	0.000	0.000	0.121	0.000
	OF	2807.000	-4.628	0.000	9.612	0.000	0.000	0.000	0.000	0.121	0.000
	OF	2809.000	-4.385	0.000	9.612	0.000	0.000	0.000	0.000	0.121	0.000
	OF	2810.000	-4.264	0.000	9.612	0.000	0.000	0.000	0.000	0.121	0.000
	OF	2812.000	-4.022	0.000	9.612	0.000	0.000	0.000	0.000	0.121	0.000
	OF	2813.000	-3.901	0.000	9.612	0.000	0.000	0.000	0.000	0.121	0.000
	OF	2818.000	-3.295	0.000	9.612	0.000	0.000	0.000	0.000	0.121	0.000
	OF	2819.000	-3.174	0.000	9.612	0.000	0.000	0.000	0.000	0.121	0.000
	OF	2822.000	-2.810	0.000	9.612	0.000	0.000	0.000	0.000	0.121	0.000
	OF	2824.000	-2.568	0.000	9.612	0.000	0.000	0.000	0.000	0.121	0.000
	OF	2831.000	-1.720	0.000	9.612	0.000	0.000	0.000	0.000	0.121	0.000
	OF	2845.000	-0.023	0.000	9.613	0.000	0.000	0.000	0.000	-0.004	0.000
	OF	2854.500	-1.808	0.000	9.613	0.000	0.000	0.000	0.000	0.096	0.000
	IF	2885.000	3.803	0.000	9.614	0.000	0.000	0.000	0.000	0.144	0.000
	IF	2897.500	4.393	0.000	9.614	0.000	0.000	0.000	0.000	0.025	0.000
	IF	2903.500	4.262	0.000	9.614	0.000	0.000	0.000	0.000	0.009	0.000
	IF	2911.500	4.524	0.000	9.614	0.000	0.000	0.000	0.000	0.012	0.000
	IF	2920.500	4.462	0.000	9.615	0.000	0.000	0.000	0.000	-0.005	0.000
	IF	2931.500	4.429	0.000	9.615	0.000	0.000	0.000	0.000	0.013	0.000
	IF	2938.500	4.692	0.000	9.615	0.000	0.000	0.000	0.000	-0.003	0.000
	IF	2942.500	4.396	0.000	9.615	0.000	0.000	0.000	0.000	-0.018	0.000
	IF	2951.500	4.462	0.000	9.616	0.000	0.000	0.000	0.000	0.022	0.000
	IF	2961.500	4.823	0.000	9.616	0.000	0.000	0.000	0.000	-0.007	0.000
	IF	2969.000	4.331	0.000	9.616	0.000	0.000	0.000	0.000	-0.038	0.000
	IF	2979.500	4.134	0.000	9.616	0.000	0.000	0.000	0.000	0.009	0.000
	IF	2988.000	4.495	0.000	9.617	0.000	0.000	0.000	0.000	0.040	0.000
	IF	2991.000	4.593	0.000	9.617	0.000	0.000	0.000	0.000	0.000	0.000
	IF	3001.000	4.495	0.000	9.617	0.000	0.000	0.000	0.000	0.000	0.000
	IF	3012.500	4.593	0.000	9.618	0.000	0.000	0.000	0.000	0.007	0.000
	IF	3020.000	4.626	0.000	9.618	0.000	0.000	0.000	0.000	-0.009	0.000
	IF	3028.000	4.462	0.000	9.618	0.000	0.000	0.000	0.000	-0.011	0.000
	IF	3037.500	4.429	0.000	9.618	0.000	0.000	0.000	0.000	0.004	0.000
	IF	3045.000	4.528	0.000	9.619	0.000	0.000	0.000	0.000	-0.025	0.000
	IF	3052.000	4.068	0.000	9.619	0.000	0.000	0.000	0.000	0.018	0.000
	IF	3061.500	4.823	0.000	9.619	0.000	0.000	0.000	0.000	0.033	0.000
	IF	3070.000	4.659	0.000	9.619	0.000	0.000	0.000	0.000	-0.007	0.000
	IF	3080.000	4.692	0.000	9.619	0.000	0.000	0.000	0.000	0.011	0.000
	IF	3091.000	4.889	0.000	9.619	0.000	0.000	0.000	0.000	0.007	0.000
	IF	3102.000	4.856	0.000	9.619	0.000	0.000	0.000	0.000	-0.003	0.000
	IF	3111.500	4.820	0.000	9.619	0.000	0.000	0.000	0.000	-0.017	0.000
	IF	3118.000	4.590	0.000	9.619	0.000	0.000	0.000	0.000	0.008	0.000
	IF	3128.500	4.951	0.000	9.620	0.000	0.000	0.000	0.000	0.222	0.000
	IF	3140.700	9.620	0.000	9.620	0.000	0.000	0.000	0.000	0.383	0.000
	AS	3158.400	9.620	0.000	9.620	0.000	0.000	0.000	0.000	-0.089	0.000
	IF	3164.500	9.075	0.000	9.620	0.000	0.000	0.000	0.000	-0.021	0.000
	IF	3177.000	9.239	0.000	9.620	0.000	0.000	0.000	0.000	0.023	0.000
	IF	3188.000	9.620	0.000	9.620	0.000	0.000	0.000	0.000	0.035	0.000
	ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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	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	-2.337	1.000	1.000	9.407	8.495	12.392	56.140	0.003	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	3.300	-2.327	0.000	9.408	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
OF	6.600	-2.317	0.000	9.408	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
OF	9.800	-2.307	0.000	9.408	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
OF	13.100	-2.296	0.000	9.408	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	16.400	-2.282	0.000	9.408	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	19.700	-2.268	0.000	9.408	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	23.000	-2.254	0.000	9.408	0.000	0.000	0.000	0.000	0.004	0.000

	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	26.200	-2.240	0.000	9.409	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	29.500	-2.227	0.000	9.409	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	32.800	-2.213	0.000	9.409	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	36.100	-2.198	0.000	9.410	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	39.400	-2.184	0.000	9.410	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
OF	42.700	-2.180	0.000	9.410	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	45.900	-2.179	0.000	9.410	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	49.200	-2.179	0.000	9.411	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	52.500	-2.178	0.000	9.411	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	55.800	-2.178	0.000	9.411	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	59.100	-2.178	0.000	9.412	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	62.300	-2.177	0.000	9.412	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	65.600	-2.177	0.000	9.412	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	68.900	-2.177	0.000	9.413	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	72.200	-2.176	0.000	9.413	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	75.500	-2.176	0.000	9.413	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	78.700	-2.175	0.000	9.414	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	82.000	-2.175	0.000	9.414	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	85.300	-2.175	0.000	9.415	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	88.600	-2.174	0.000	9.415	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	91.900	-2.174	0.000	9.416	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	95.100	-2.174	0.000	9.416	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	98.400	-2.173	0.000	9.416	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	101.700	-2.173	0.000	9.417	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	105.000	-2.172	0.000	9.417	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	108.300	-2.172	0.000	9.418	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	111.500	-2.172	0.000	9.418	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	114.800	-2.171	0.000	9.419	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	118.100	-2.171	0.000	9.419	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	121.400	-2.171	0.000	9.420	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	124.700	-2.170	0.000	9.420	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	128.000	-2.170	0.000	9.421	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	131.200	-2.170	0.000	9.422	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	134.500	-2.169	0.000	9.422	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	137.800	-2.169	0.000	9.423	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	141.100	-2.168	0.000	9.423	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	144.400	-2.168	0.000	9.424	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	147.600	-2.168	0.000	9.424	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	150.900	-2.168	0.000	9.425	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	154.200	-2.167	0.000	9.425	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	157.500	-2.167	0.000	9.425	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	160.800	-2.166	0.000	9.426	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	164.000	-2.166	0.000	9.426	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	167.300	-2.166	0.000	9.427	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	170.600	-2.158	0.000	9.427	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
OF	173.900	-2.145	0.000	9.427	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	177.200	-2.133	0.000	9.427	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	180.400	-2.121	0.000	9.428	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	183.700	-2.109	0.000	9.428	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	187.000	-2.090	0.000	9.428	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
OF	190.300	-2.067	0.000	9.429	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	193.600	-2.044	0.000	9.429	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	196.800	-2.020	0.000	9.429	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	200.100	-1.997	0.000	9.430	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	203.400	-1.974	0.000	9.430	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	206.700	-1.951	0.000	9.430	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	210.000	-1.928	0.000	9.431	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	213.300	-1.905	0.000	9.431	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	216.500	-1.885	0.000	9.431	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	219.800	-1.869	0.000	9.432	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	223.100	-1.854	0.000	9.432	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	226.400	-1.838	0.000	9.432	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	229.700	-1.823	0.000	9.433	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	232.900	-1.807	0.000	9.433	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	236.200	-1.792	0.000	9.434	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	239.500	-1.776	0.000	9.434	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	242.800	-1.761	0.000	9.434	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	246.100	-1.745	0.000	9.435	0.000	0.000	0.000	0.000	0.005	0.000

	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	249.300	-1.730	0.000	9.435	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	252.600	-1.715	0.000	9.436	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	255.900	-1.699	0.000	9.436	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	259.200	-1.684	0.000	9.437	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	262.500	-1.668	0.000	9.437	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	265.700	-1.653	0.000	9.437	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	269.000	-1.637	0.000	9.438	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	272.300	-1.622	0.000	9.438	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	275.600	-1.606	0.000	9.439	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	278.900	-1.591	0.000	9.439	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	282.200	-1.575	0.000	9.440	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	285.400	-1.560	0.000	9.440	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	288.700	-1.544	0.000	9.441	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	292.000	-1.529	0.000	9.441	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	295.300	-1.514	0.000	9.441	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	298.600	-1.498	0.000	9.442	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	301.800	-1.483	0.000	9.442	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	305.100	-1.467	0.000	9.443	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	308.400	-1.453	0.000	9.443	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	311.700	-1.439	0.000	9.444	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	315.000	-1.424	0.000	9.444	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	318.200	-1.410	0.000	9.445	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	321.500	-1.395	0.000	9.445	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	324.800	-1.381	0.000	9.445	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	328.100	-1.367	0.000	9.446	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	331.400	-1.352	0.000	9.446	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	334.600	-1.338	0.000	9.447	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	337.900	-1.324	0.000	9.447	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	341.200	-1.309	0.000	9.448	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	344.500	-1.295	0.000	9.448	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	347.800	-1.281	0.000	9.448	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	351.000	-1.266	0.000	9.449	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	354.300	-1.252	0.000	9.449	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	357.600	-1.237	0.000	9.450	0.000	0.000	0.000	0.000	0.004	0.000

	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	360.900	-1.223	0.000	9.450	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	364.200	-1.209	0.000	9.451	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	367.500	-1.194	0.000	9.451	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	370.700	-1.180	0.000	9.452	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	374.000	-1.165	0.000	9.452	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	377.300	-1.151	0.000	9.452	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	380.600	-1.137	0.000	9.453	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	383.900	-1.122	0.000	9.453	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	387.100	-1.108	0.000	9.454	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	390.400	-1.094	0.000	9.454	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	393.700	-1.079	0.000	9.455	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	397.000	-1.065	0.000	9.455	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	400.300	-1.050	0.000	9.455	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	403.500	-1.036	0.000	9.456	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	406.800	-1.024	0.000	9.456	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	410.100	-1.012	0.000	9.457	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
OF	413.400	-1.012	0.000	9.457	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	416.700	-1.012	0.000	9.458	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	419.900	-1.012	0.000	9.458	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	423.200	-1.012	0.000	9.459	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	426.500	-1.012	0.000	9.459	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	429.800	-1.013	0.000	9.460	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	433.100	-1.013	0.000	9.460	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	436.400	-1.013	0.000	9.460	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	439.600	-1.013	0.000	9.461	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	442.900	-1.013	0.000	9.461	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	446.200	-1.014	0.000	9.462	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	449.500	-1.014	0.000	9.462	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	452.800	-1.014	0.000	9.462	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	456.000	-1.014	0.000	9.463	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	459.300	-1.015	0.000	9.463	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	462.600	-1.015	0.000	9.464	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	465.900	-1.015	0.000	9.464	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	469.200	-1.015	0.000	9.464	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	472.400	-1.015	0.000	9.465	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	475.700	-1.015	0.000	9.465	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	479.000	-1.016	0.000	9.465	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	482.300	-1.016	0.000	9.466	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	485.600	-1.016	0.000	9.466	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	488.800	-1.016	0.000	9.466	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	492.100	-1.016	0.000	9.467	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	495.400	-1.017	0.000	9.467	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	498.700	-1.017	0.000	9.467	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	502.000	-1.017	0.000	9.468	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	505.200	-1.017	0.000	9.468	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
OF	508.500	-1.030	0.000	9.468	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	511.800	-1.061	0.000	9.469	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	-1.091	0.000	9.469	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	-1.121	0.000	9.470	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	-1.151	0.000	9.470	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	524.900	-1.181	0.000	9.471	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	528.200	-1.212	0.000	9.471	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	-1.242	0.000	9.472	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	-1.272	0.000	9.472	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	538.100	-1.308	0.000	9.472	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	541.300	-1.352	0.000	9.473	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	544.600	-1.395	0.000	9.473	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	547.900	-1.439	0.000	9.474	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	551.200	-1.483	0.000	9.474	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	554.500	-1.527	0.000	9.474	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	557.700	-1.571	0.000	9.475	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	561.000	-1.615	0.000	9.475	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	564.300	-1.659	0.000	9.476	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	567.600	-1.703	0.000	9.476	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	570.900	-1.747	0.000	9.476	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	574.100	-1.791	0.000	9.476	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	577.400	-1.834	0.000	9.477	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	580.700	-1.878	0.000	9.477	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	584.000	-1.922	0.000	9.477	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	587.300	-1.966	0.000	9.478	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	590.500	-2.004	0.000	9.478	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	593.800	-2.012	0.000	9.478	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
OF	597.100	-2.020	0.000	9.478	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
OF	600.400	-2.027	0.000	9.479	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
OF	603.700	-2.034	0.000	9.479	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
OF	607.000	-2.041	0.000	9.479	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
OF	610.200	-2.048	0.000	9.479	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
OF	613.500	-2.055	0.000	9.479	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
OF	616.800	-2.062	0.000	9.479	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
OF	620.100	-2.070	0.000	9.479	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
OF	623.400	-2.077	0.000	9.479	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
OF	626.600	-2.084	0.000	9.479	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
OF	629.900	-2.091	0.000	9.479	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
OF	633.200	-2.098	0.000	9.480	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
OF	636.500	-2.106	0.000	9.480	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
OF	639.800	-2.113	0.000	9.480	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
OF	643.000	-2.096	0.000	9.480	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
OF	646.300	-2.074	0.000	9.480	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	649.600	-2.052	0.000	9.480	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	652.900	-2.030	0.000	9.480	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	656.200	-2.008	0.000	9.480	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	659.400	-1.986	0.000	9.479	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	662.700	-1.954	0.000	9.479	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	666.000	-1.909	0.000	9.479	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	669.300	-1.864	0.000	9.479	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	672.600	-1.819	0.000	9.479	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	675.900	-1.775	0.000	9.479	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	679.100	-1.730	0.000	9.479	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	682.400	-1.685	0.000	9.479	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	685.700	-1.640	0.000	9.479	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	689.000	-1.596	0.000	9.479	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	692.300	-1.551	0.000	9.479	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	695.500	-1.506	0.000	9.478	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	698.800	-1.462	0.000	9.478	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	702.100	-1.417	0.000	9.478	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	705.400	-1.374	0.000	9.478	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	708.700	-1.332	0.000	9.478	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	711.900	-1.289	0.000	9.478	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	715.200	-1.246	0.000	9.478	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	718.500	-1.203	0.000	9.478	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	721.800	-1.160	0.000	9.478	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	725.100	-1.118	0.000	9.478	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	728.300	-1.075	0.000	9.478	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	731.600	-1.032	0.000	9.478	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	734.900	-0.989	0.000	9.478	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	738.200	-0.946	0.000	9.478	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	741.500	-0.904	0.000	9.478	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	744.700	-0.861	0.000	9.478	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	748.000	-0.819	0.000	9.478	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	751.300	-0.800	0.000	9.478	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
OF	754.600	-0.782	0.000	9.478	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
OF	757.900	-0.763	0.000	9.478	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
OF	761.200	-0.744	0.000	9.478	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
OF	764.400	-0.725	0.000	9.479	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
OF	767.700	-0.707	0.000	9.479	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	771.000	-0.695	0.000	9.479	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
OF	774.300	-0.685	0.000	9.479	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
OF	777.600	-0.675	0.000	9.479	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
OF	780.800	-0.665	0.000	9.480	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
OF	784.100	-0.655	0.000	9.480	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
OF	787.400	-0.645	0.000	9.480	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
OF	790.700	-0.635	0.000	9.480	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
OF	794.000	-0.625	0.000	9.481	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
OF	797.200	-0.615	0.000	9.481	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
OF	800.500	-0.605	0.000	9.481	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
OF	803.800	-0.595	0.000	9.481	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
OF	807.100	-0.584	0.000	9.481	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
OF	810.400	-0.574	0.000	9.482	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
OF	813.600	-0.564	0.000	9.482	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
OF	816.900	-0.554	0.000	9.482	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
OF	820.200	-0.544	0.000	9.482	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
OF	823.500	-0.534	0.000	9.483	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
OF	826.800	-0.524	0.000	9.483	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
OF	830.100	-0.514	0.000	9.483	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
OF	833.300	-0.504	0.000	9.483	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
OF	836.600	-0.494	0.000	9.483	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
OF	839.900	-0.484	0.000	9.483	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
OF	843.200	-0.474	0.000	9.484	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
OF	846.500	-0.463	0.000	9.484	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
OF	849.700	-0.453	0.000	9.484	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
OF	853.000	-0.444	0.000	9.484	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
OF	856.300	-0.434	0.000	9.485	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
OF	859.600	-0.425	0.000	9.485	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
OF	862.900	-0.415	0.000	9.485	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
OF	866.100	-0.406	0.000	9.485	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
OF	869.400	-0.396	0.000	9.486	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
OF	872.700	-0.387	0.000	9.486	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
OF	876.000	-0.378	0.000	9.486	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
OF	879.300	-0.376	0.000	9.486	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	882.500	-0.373	0.000	9.487	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	885.800	-0.371	0.000	9.487	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	889.100	-0.368	0.000	9.487	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	892.400	-0.365	0.000	9.488	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	895.700	-0.363	0.000	9.488	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	898.900	-0.360	0.000	9.488	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	902.200	-0.357	0.000	9.488	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	905.500	-0.355	0.000	9.488	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	908.800	-0.352	0.000	9.489	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	912.100	-0.350	0.000	9.489	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	915.400	-0.347	0.000	9.489	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	918.600	-0.345	0.000	9.489	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	921.900	-0.342	0.000	9.490	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	925.200	-0.339	0.000	9.490	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	928.500	-0.337	0.000	9.490	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	931.800	-0.334	0.000	9.490	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	935.000	-0.331	0.000	9.491	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	938.300	-0.329	0.000	9.491	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	941.600	-0.326	0.000	9.491	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	944.900	-0.324	0.000	9.491	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	948.200	-0.321	0.000	9.492	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	951.400	-0.318	0.000	9.492	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	954.700	-0.316	0.000	9.492	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	958.000	-0.313	0.000	9.492	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	961.300	-0.311	0.000	9.492	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	964.600	-0.308	0.000	9.493	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	967.800	-0.307	0.000	9.493	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	971.100	-0.309	0.000	9.493	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	974.400	-0.311	0.000	9.493	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	977.700	-0.312	0.000	9.493	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	981.000	-0.314	0.000	9.494	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	984.200	-0.316	0.000	9.494	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	987.500	-0.318	0.000	9.494	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	990.800	-0.319	0.000	9.494	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	994.100	-0.318	0.000	9.495	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	997.400	-0.312	0.000	9.495	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
OF	1000.700	-0.306	0.000	9.495	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
OF	1003.900	-0.300	0.000	9.495	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
OF	1007.200	-0.294	0.000	9.495	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
OF	1010.500	-0.288	0.000	9.496	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
OF	1013.800	-0.282	0.000	9.496	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
OF	1017.100	-0.275	0.000	9.496	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
OF	1020.300	-0.269	0.000	9.496	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
OF	1023.600	-0.263	0.000	9.496	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
OF	1026.900	-0.257	0.000	9.496	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
OF	1030.200	-0.251	0.000	9.496	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
OF	1033.500	-0.245	0.000	9.497	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
OF	1036.700	-0.239	0.000	9.497	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
OF	1040.000	-0.233	0.000	9.497	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
OF	1043.300	-0.227	0.000	9.497	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
OF	1046.600	-0.221	0.000	9.497	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
OF	1049.900	-0.215	0.000	9.497	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
OF	1053.100	-0.209	0.000	9.498	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
OF	1056.400	-0.203	0.000	9.498	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
OF	1059.700	-0.197	0.000	9.498	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
OF	1063.000	-0.190	0.000	9.498	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
OF	1066.300	-0.184	0.000	9.498	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
OF	1069.600	-0.178	0.000	9.498	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
OF	1072.800	-0.172	0.000	9.499	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
OF	1076.100	-0.166	0.000	9.499	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
OF	1079.400	-0.160	0.000	9.499	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
OF	1082.700	-0.154	0.000	9.499	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
OF	1086.000	-0.148	0.000	9.499	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
OF	1089.200	-0.142	0.000	9.499	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
OF	1092.500	-0.136	0.000	9.500	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
OF	1095.800	-0.130	0.000	9.500	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1099.100	-0.109	0.000	9.500	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
OF	1102.400	-0.088	0.000	9.500	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	1105.600	-0.066	0.000	9.500	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	1108.900	-0.045	0.000	9.500	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	1112.200	-0.023	0.000	9.500	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	1115.500	-0.206	0.000	9.501	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
OF	1118.800	-0.335	0.000	9.502	0.000	0.000	0.000	0.000	-0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1122.000	-0.233	0.000	9.502	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
OF	1125.300	-0.150	0.000	9.502	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	1128.600	-0.120	0.000	9.502	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	1131.900	-0.091	0.000	9.502	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	1135.200	-0.061	0.000	9.502	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	1138.400	-0.031	0.000	9.502	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	1141.700	-0.061	0.000	9.502	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	1145.000	-0.102	0.000	9.502	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	1148.300	-0.143	0.000	9.503	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	1151.600	-0.185	0.000	9.503	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	1154.900	-0.060	0.000	9.503	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	1158.100	0.089	0.000	9.502	0.000	0.000	0.000	0.000	0.046	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1161.400	0.239	0.000	9.501	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	1164.700	0.334	0.000	9.501	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	1168.000	0.417	0.000	9.501	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
IF	1171.300	0.289	0.000	9.502	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	1174.500	0.330	0.000	9.502	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	1177.800	0.309	0.000	9.502	0.000	0.000	0.000	0.000	-0.050	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1181.100	-0.002	0.000	9.505	0.000	0.000	0.000	0.000	-0.048	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1184.400	-0.010	0.000	9.505	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
OF	1187.700	-0.017	0.000	9.505	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
OF	1190.900	-0.024	0.000	9.505	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
OF	1194.200	-0.032	0.000	9.505	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
OF	1197.500	-0.039	0.000	9.505	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
OF	1200.800	-0.046	0.000	9.506	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
OF	1204.100	-0.054	0.000	9.506	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
OF	1207.300	-0.061	0.000	9.506	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
OF	1210.600	-0.068	0.000	9.506	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
OF	1213.900	-0.076	0.000	9.507	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
OF	1217.200	-0.083	0.000	9.507	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
OF	1220.500	-0.090	0.000	9.507	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
OF	1223.800	-0.094	0.000	9.507	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	1227.000	-0.099	0.000	9.507	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	1230.300	-0.103	0.000	9.507	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	1233.600	-0.107	0.000	9.507	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	1236.900	-0.111	0.000	9.508	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	1240.200	-0.116	0.000	9.508	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	1243.400	-0.120	0.000	9.508	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	1246.700	-0.124	0.000	9.508	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	1250.000	-0.128	0.000	9.508	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	1253.300	-0.132	0.000	9.509	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	1256.600	-0.137	0.000	9.509	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	1259.800	-0.141	0.000	9.509	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	1263.100	-0.145	0.000	9.509	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	1266.400	-0.134	0.000	9.509	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1269.700	-0.112	0.000	9.509	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	1273.000	-0.090	0.000	9.509	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	1276.200	-0.068	0.000	9.509	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	1279.500	-0.046	0.000	9.509	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	1282.800	-0.024	0.000	9.509	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	1286.100	-0.041	0.000	9.509	0.000	0.000	0.000	0.000	-0.052	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1289.400	-0.366	0.000	9.511	0.000	0.000	0.000	0.000	-0.034	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	1292.600	-0.260	0.000	9.511	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
OF	1295.900	-0.180	0.000	9.510	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	1299.200	-0.099	0.000	9.510	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	1302.500	-0.018	0.000	9.510	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	1305.800	0.063	0.000	9.509	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	1309.100	0.145	0.000	9.509	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	1312.300	0.227	0.000	9.509	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	1315.600	0.262	0.000	9.509	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	1318.900	0.249	0.000	9.509	0.000	0.000	0.000	0.000	-0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1322.200	0.231	0.000	9.509	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	1325.500	0.129	0.000	9.510	0.000	0.000	0.000	0.000	-0.031	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1328.700	0.028	0.000	9.511	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	1332.000	0.030	0.000	9.511	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	1335.300	0.151	0.000	9.510	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	1338.600	0.267	0.000	9.510	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
IF	1341.900	0.200	0.000	9.510	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
IF	1345.100	0.133	0.000	9.511	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
IF	1348.400	0.203	0.000	9.511	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	1351.700	0.304	0.000	9.510	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
IF	1355.000	0.160	0.000	9.511	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	1358.300	0.207	0.000	9.511	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	1361.500	0.289	0.000	9.511	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	1364.800	0.371	0.000	9.511	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	1368.100	0.352	0.000	9.511	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
IF	1371.400	0.277	0.000	9.512	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	1374.700	0.201	0.000	9.512	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
IF	1377.900	0.328	0.000	9.512	0.000	0.000	0.000	0.000	0.060	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1381.200	0.593	0.000	9.510	0.000	0.000	0.000	0.000	0.045	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1384.500	0.622	0.000	9.510	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
IF	1387.800	0.599	0.000	9.511	0.000	0.000	0.000	0.000	0.039	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1391.100	0.879	0.000	9.509	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	1394.400	0.910	0.000	9.510	0.000	0.000	0.000	0.000	-0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1397.600	0.844	0.000	9.510	0.000	0.000	0.000	0.000	-0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1400.900	0.880	0.000	9.510	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	1404.200	0.951	0.000	9.510	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	1407.500	1.023	0.000	9.510	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
IF	1410.800	1.088	0.000	9.510	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	1414.000	1.152	0.000	9.510	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	1417.300	1.217	0.000	9.510	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	1420.600	1.268	0.000	9.510	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	1423.900	1.319	0.000	9.511	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	1427.200	1.379	0.000	9.511	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
IF	1430.400	1.455	0.000	9.511	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	1433.700	1.531	0.000	9.511	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
IF	1437.000	1.593	0.000	9.511	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	1440.300	1.650	0.000	9.511	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	1443.600	1.708	0.000	9.512	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	1446.800	1.817	0.000	9.512	0.000	0.000	0.000	0.000	0.045	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1450.100	2.000	0.000	9.511	0.000	0.000	0.000	0.000	0.056	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1453.400	2.183	0.000	9.510	0.000	0.000	0.000	0.000	0.043	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1456.700	2.283	0.000	9.511	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
IF	1460.000	2.237	0.000	9.513	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	1463.300	2.244	0.000	9.514	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	1466.500	2.431	0.000	9.514	0.000	0.000	0.000	0.000	0.057	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1469.800	2.617	0.000	9.513	0.000	0.000	0.000	0.000	0.051	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1473.100	2.767	0.000	9.513	0.000	0.000	0.000	0.000	0.045	0.000

	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1476.400	2.915	0.000	9.514	0.000	0.000	0.000	0.000	0.067	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1479.700	3.206	0.000	9.513	0.000	0.000	0.000	0.000	0.111	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1482.900	3.637	0.000	9.511	0.000	0.000	0.000	0.000	0.082	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1486.200	3.736	0.000	9.514	0.000	0.000	0.000	0.000	0.051	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1489.500	3.973	0.000	9.516	0.000	0.000	0.000	0.000	0.079	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1492.800	4.260	0.000	9.517	0.000	0.000	0.000	0.000	0.080	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1496.100	4.503	0.000	9.520	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	1499.300	4.745	0.000	9.523	0.000	0.000	0.000	0.000	0.081	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1502.600	5.029	0.000	9.527	0.000	0.000	0.000	0.000	0.088	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1505.900	5.323	0.000	9.533	0.000	0.000	0.000	0.000	0.089	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1509.200	5.618	0.000	9.541	0.000	0.000	0.000	0.000	0.132	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1512.500	6.197	0.000	9.545	0.000	0.000	0.000	0.000	0.178	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1515.700	6.777	0.000	9.555	0.000	0.000	0.000	0.000	0.120	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1519.000	6.979	0.000	9.588	0.000	0.000	0.000	0.000	0.061	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1522.300	7.181	0.000	9.620	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	1525.600	7.328	0.000	9.653	0.000	0.000	0.000	0.000	0.040	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1528.900	7.445	0.000	9.686	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	1532.100	7.561	0.000	9.712	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	1535.400	7.678	0.000	9.734	0.000	0.000	0.000	0.000	0.294	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1538.700	9.500	0.000	9.969	0.000	0.000	0.000	0.000	0.559	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1539.500	9.969	0.000	9.969	0.000	0.000	0.000	0.000	0.586	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
AS	1688.000	9.638	0.000	9.638	0.000	0.000	0.000	0.000	-0.108	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1690.000	9.423	0.000	9.638	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	1697.500	9.190	0.000	9.638	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	1707.000	9.255	0.000	9.638	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	1711.500	9.419	0.000	9.638	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
IF	1715.500	9.321	0.000	9.638	0.000	0.000	0.000	0.000	-0.056	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1721.500	8.861	0.000	9.638	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	1728.700	9.638	0.000	9.638	0.000	0.000	0.000	0.000	0.108	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
AS	1734.300	9.638	0.000	9.638	0.000	0.000	0.000	0.000	-0.108	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1738.500	9.186	0.000	9.638	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
IF	1751.000	9.285	0.000	9.638	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
IF	1763.000	9.157	0.000	9.638	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	1774.000	8.891	0.000	9.638	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
IF	1788.000	9.514	0.000	9.638	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
IF	1796.000	9.350	0.000	9.638	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	1798.700	9.638	0.000	9.638	0.000	0.000	0.000	0.000	0.106	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
AS	1816.800	9.638	0.000	9.638	0.000	0.000	0.000	0.000	-0.071	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1819.000	9.482	0.000	9.638	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
IF	1821.700	9.638	0.000	9.638	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
AS	1882.200	9.638	0.000	9.638	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	1885.000	9.455	0.000	9.638	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
IF	1887.100	9.638	0.000	9.638	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
AS	1911.900	9.638	0.000	9.638	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	1912.500	9.613	0.000	9.638	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	1922.500	9.058	0.000	9.638	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	1933.000	9.419	0.000	9.638	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	1936.200	9.638	0.000	9.638	0.000	0.000	0.000	0.000	0.068	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
AS	1956.900	9.638	0.000	9.638	0.000	0.000	0.000	0.000	-0.061	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	1961.000	9.387	0.000	9.638	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
IF	1968.000	9.638	0.000	9.638	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
AS	1983.900	9.638	0.000	9.638	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	2004.500	8.675	0.000	9.638	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	2027.000	9.360	0.000	9.638	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	2042.000	8.999	0.000	9.638	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	2058.000	8.990	0.000	9.638	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	2065.200	9.638	0.000	9.638	0.000	0.000	0.000	0.000	0.090	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
AS	2085.600	9.638	0.000	9.638	0.000	0.000	0.000	0.000	-0.088	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2088.000	9.426	0.000	9.638	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
IF	2092.000	9.638	0.000	9.638	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
AS	2106.600	9.638	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
IF	2109.000	9.590	0.000	9.638	0.000	0.000	0.000	0.000	-0.043	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2120.500	9.035	0.000	9.638	0.000	0.000	0.000	0.000	-0.069	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2128.000	8.281	0.000	9.638	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	2142.000	8.137	0.000	9.638	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2160.500	8.432	0.000	9.638	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	2174.300	9.638	0.000	9.638	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
AS	2182.700	9.598	0.000	9.598	0.000	0.000	0.000	0.000	-0.097	0.000

	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2198.000	8.113	0.000	9.598	0.000	0.000	0.000	0.000	-0.045	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2205.000	8.606	0.000	9.598	0.000	0.000	0.000	0.000	0.051	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2207.000	8.576	0.000	9.598	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	2217.500	8.300	0.000	9.598	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	2232.500	8.727	0.000	9.598	0.000	0.000	0.000	0.000	-0.072	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2239.000	6.759	0.000	9.598	0.000	0.000	0.000	0.000	-0.145	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2242.000	7.349	0.000	9.599	0.000	0.000	0.000	0.000	0.093	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2250.000	7.776	0.000	9.599	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	2262.000	6.595	0.000	9.599	0.000	0.000	0.000	0.000	-0.081	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2269.500	6.204	0.000	9.600	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	2280.000	5.971	0.000	9.600	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	2288.000	5.676	0.000	9.600	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	2290.500	5.807	0.000	9.600	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	2297.500	5.577	0.000	9.601	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	2307.500	5.610	0.000	9.601	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
IF	2315.500	5.381	0.000	9.601	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	2321.000	5.216	0.000	9.601	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	2327.500	5.151	0.000	9.601	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	2337.000	4.954	0.000	9.601	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	2345.500	4.856	0.000	9.601	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	2354.000	4.626	0.000	9.602	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	2367.000	4.823	0.000	9.602	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	2375.000	5.020	0.000	9.602	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	2377.000	4.659	0.000	9.602	0.000	0.000	0.000	0.000	-0.044	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2382.500	4.692	0.000	9.602	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2390.500	4.724	0.000	9.602	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	2396.500	4.659	0.000	9.602	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	2401.000	4.429	0.000	9.602	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
IF	2406.000	4.462	0.000	9.602	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
IF	2413.000	4.331	0.000	9.602	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	2419.500	4.626	0.000	9.602	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	2426.500	4.200	0.000	9.602	0.000	0.000	0.000	0.000	-0.051	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2431.000	4.035	0.000	9.602	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
IF	2436.000	4.068	0.000	9.602	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
IF	2443.000	4.200	0.000	9.602	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	2447.000	3.018	0.000	9.602	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	2449.000	4.101	0.000	9.602	0.000	0.000	0.000	0.000	0.221	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2452.500	4.232	0.000	9.602	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	2459.000	4.134	0.000	9.603	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	2464.500	4.003	0.000	9.603	0.000	0.000	0.000	0.000	-0.078	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2469.500	3.314	0.000	9.603	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	2473.500	4.331	0.000	9.603	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	2480.000	3.576	0.000	9.603	0.000	0.000	0.000	0.000	-0.064	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2491.500	3.182	0.000	9.604	0.000	0.000	0.000	0.000	0.043	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2499.000	4.396	0.000	9.604	0.000	0.000	0.000	0.000	-0.056	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2504.500	2.461	0.000	9.604	0.000	0.000	0.000	0.000	-0.126	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2511.000	2.887	0.000	9.605	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	2515.500	2.526	0.000	9.605	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	2525.500	2.198	0.000	9.605	0.000	0.000	0.000	0.000	-0.078	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	2554.000	-0.463	0.000	9.606	0.000	0.000	0.000	0.000	0.061	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2556.500	4.098	0.000	9.606	0.000	0.000	0.000	0.000	0.213	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2562.000	1.243	0.000	9.607	0.000	0.000	0.000	0.000	0.031	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2567.000	4.426	0.000	9.607	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	2677.000	-1.345	0.000	9.611	0.000	0.000	0.000	0.000	-0.061	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	2721.000	-5.015	0.000	9.611	0.000	0.000	0.000	0.000	-0.084	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	2722.000	-5.139	0.000	9.611	0.000	0.000	0.000	0.000	-0.123	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	2723.000	-5.262	0.000	9.611	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	2746.000	-5.425	0.000	9.611	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	2747.000	-5.426	0.000	9.611	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	2748.000	-5.426	0.000	9.611	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	2749.000	-5.426	0.000	9.611	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	2750.000	-5.426	0.000	9.611	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	2751.000	-5.427	0.000	9.611	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	2752.000	-5.427	0.000	9.611	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	2753.000	-5.427	0.000	9.611	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	2754.000	-5.427	0.000	9.611	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	2755.000	-5.428	0.000	9.611	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	2756.000	-5.428	0.000	9.611	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	2757.000	-5.428	0.000	9.611	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	2758.000	-5.429	0.000	9.611	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	2759.000	-5.429	0.000	9.611	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	2760.000	-5.429	0.000	9.611	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	2761.000	-5.429	0.000	9.611	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	2762.000	-5.430	0.000	9.611	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	2763.000	-5.430	0.000	9.612	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	2764.000	-5.430	0.000	9.612	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	2765.000	-5.430	0.000	9.612	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	2766.000	-5.431	0.000	9.612	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	2767.000	-5.431	0.000	9.612	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	2768.000	-5.431	0.000	9.612	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	2769.000	-5.431	0.000	9.612	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	2770.000	-5.431	0.000	9.612	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	2771.000	-5.431	0.000	9.612	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	2772.000	-5.431	0.000	9.612	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	2773.000	-5.431	0.000	9.612	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	2774.000	-5.431	0.000	9.612	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	2775.000	-5.431	0.000	9.612	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	2776.000	-5.431	0.000	9.612	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	2777.000	-5.431	0.000	9.612	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	2778.000	-5.431	0.000	9.612	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	2779.000	-5.431	0.000	9.612	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	2780.000	-5.431	0.000	9.612	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	2781.000	-5.431	0.000	9.612	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	2782.000	-5.431	0.000	9.612	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	2783.000	-5.431	0.000	9.612	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	2784.000	-5.431	0.000	9.612	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	2785.000	-5.431	0.000	9.612	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	2786.000	-5.431	0.000	9.612	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	2787.000	-5.431	0.000	9.612	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	2788.000	-5.431	0.000	9.612	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	2789.000	-5.431	0.000	9.612	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	2790.000	-5.431	0.000	9.612	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	2791.000	-5.431	0.000	9.612	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	2792.000	-5.431	0.000	9.612	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	2793.000	-5.431	0.000	9.612	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	2794.000	-5.431	0.000	9.612	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	2795.000	-5.431	0.000	9.612	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	2796.000	-5.431	0.000	9.612	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	2797.000	-5.431	0.000	9.612	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	2798.000	-5.431	0.000	9.612	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	2800.000	-5.431	0.000	9.612	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	2801.000	-5.354	0.000	9.612	0.000	0.000	0.000	0.000	0.106	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	2803.000	-5.112	0.000	9.612	0.000	0.000	0.000	0.000	0.121	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	2804.000	-4.991	0.000	9.612	0.000	0.000	0.000	0.000	0.121	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	2806.000	-4.749	0.000	9.612	0.000	0.000	0.000	0.000	0.121	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	2807.000	-4.628	0.000	9.612	0.000	0.000	0.000	0.000	0.121	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	2809.000	-4.385	0.000	9.612	0.000	0.000	0.000	0.000	0.121	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	2810.000	-4.264	0.000	9.612	0.000	0.000	0.000	0.000	0.121	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	2812.000	-4.022	0.000	9.612	0.000	0.000	0.000	0.000	0.121	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	2813.000	-3.901	0.000	9.612	0.000	0.000	0.000	0.000	0.121	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	2818.000	-3.295	0.000	9.612	0.000	0.000	0.000	0.000	0.121	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	2819.000	-3.174	0.000	9.612	0.000	0.000	0.000	0.000	0.121	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	2822.000	-2.810	0.000	9.612	0.000	0.000	0.000	0.000	0.121	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	2824.000	-2.568	0.000	9.612	0.000	0.000	0.000	0.000	0.121	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	2831.000	-1.720	0.000	9.612	0.000	0.000	0.000	0.000	0.121	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	2845.000	-0.023	0.000	9.613	0.000	0.000	0.000	0.000	-0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	2854.500	-1.808	0.000	9.613	0.000	0.000	0.000	0.000	0.096	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2885.000	3.803	0.000	9.614	0.000	0.000	0.000	0.000	0.144	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2897.500	4.393	0.000	9.614	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	2903.500	4.262	0.000	9.614	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	2911.500	4.524	0.000	9.614	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	2920.500	4.462	0.000	9.615	0.000	0.000	0.000	0.000	-0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2931.500	4.429	0.000	9.615	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	2938.500	4.692	0.000	9.615	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	2942.500	4.396	0.000	9.615	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	2951.500	4.462	0.000	9.616	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	2961.500	4.823	0.000	9.616	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
IF	2969.000	4.331	0.000	9.616	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	2979.500	4.134	0.000	9.616	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	2988.000	4.495	0.000	9.617	0.000	0.000	0.000	0.000	0.040	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	2991.000	4.593	0.000	9.617	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
IF	3001.000	4.495	0.000	9.617	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
IF	3012.500	4.593	0.000	9.618	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
IF	3020.000	4.626	0.000	9.618	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	3028.000	4.462	0.000	9.618	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
IF	3037.500	4.429	0.000	9.618	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	3045.000	4.528	0.000	9.619	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	3052.000	4.068	0.000	9.619	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	3061.500	4.823	0.000	9.619	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	3070.000	4.659	0.000	9.619	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
IF	3080.000	4.692	0.000	9.619	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
IF	3091.000	4.889	0.000	9.619	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
IF	3102.000	4.856	0.000	9.619	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	3111.500	4.820	0.000	9.619	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	3118.000	4.590	0.000	9.619	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
IF	3128.500	4.951	0.000	9.620	0.000	0.000	0.000	0.000	0.222	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	3140.700	9.620	0.000	9.620	0.000	0.000	0.000	0.000	0.383	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
AS	3158.400	9.620	0.000	9.620	0.000	0.000	0.000	0.000	-0.089	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
IF	3164.500	9.075	0.000	9.620	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
IF	3177.000	9.239	0.000	9.620	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	3188.000	9.620	0.000	9.620	0.000	0.000	0.000	0.000	0.035	0.000

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

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

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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	8.49	12.39	15.35
OF	3.30	8.50	12.39	15.35
OF	6.60	8.49	12.39	15.35
OF	9.80	8.49	12.39	15.35
OF	13.10	8.49	12.39	15.35
OF	16.40	8.49	12.39	15.35
OF	19.70	8.49	12.39	15.35
OF	23.00	8.49	12.39	15.35
OF	26.20	8.49	12.39	15.35
OF	29.50	8.49	12.39	15.35
OF	32.80	8.49	12.39	15.35
OF	36.10	8.49	12.39	15.35
OF	39.40	8.49	12.39	15.35
OF	42.70	8.49	12.39	15.35
OF	45.90	8.49	12.39	15.35
OF	49.20	8.49	12.39	15.35
OF	52.50	8.49	12.39	15.36
OF	55.80	8.49	12.39	15.36
OF	59.10	8.50	12.39	15.36

OF	62.30	8.50	12.39	15.36
OF	65.60	8.50	12.39	15.36
OF	68.90	8.50	12.39	15.36
OF	72.20	8.50	12.39	15.36
OF	75.50	8.50	12.39	15.37
OF	78.70	8.51	12.39	15.37
OF	82.00	8.51	12.39	15.37
OF	85.30	8.51	12.39	15.37
OF	88.60	8.51	12.39	15.37
OF	91.90	8.51	12.39	15.37
OF	95.10	8.51	12.39	15.38
OF	98.40	8.52	12.39	15.38
OF	101.70	8.52	12.39	15.38
OF	105.00	8.52	12.39	15.38
OF	108.30	8.52	12.39	15.38
OF	111.50	8.52	12.39	15.38
OF	114.80	8.52	12.39	15.39
OF	118.10	8.53	12.39	15.39
OF	121.40	8.53	12.39	15.39
OF	124.70	8.53	12.39	15.39
OF	128.00	8.53	12.39	15.39
OF	131.20	8.53	12.39	15.40
OF	134.50	8.53	12.39	15.40
OF	137.80	8.54	12.39	15.40
OF	141.10	8.54	12.39	15.40
OF	144.40	8.54	12.39	15.40
OF	147.60	8.54	12.39	15.40
OF	150.90	8.54	12.39	15.41
OF	154.20	8.54	12.39	15.41
OF	157.50	8.55	12.39	15.41
OF	160.80	8.55	12.39	15.41
OF	164.00	8.55	12.39	15.41
OF	167.30	8.55	12.39	15.41
OF	170.60	8.55	12.39	15.41
OF	173.90	8.55	12.39	15.41
OF	177.20	8.55	12.39	15.41
OF	180.40	8.55	12.39	15.41
OF	183.70	8.55	12.39	15.41
OF	187.00	8.55	12.39	15.41
OF	190.30	8.54	12.39	15.41
OF	193.60	8.54	12.39	15.41
OF	196.80	8.54	12.39	15.41
OF	200.10	8.54	12.39	15.41
OF	203.40	8.53	12.39	15.40
OF	206.70	8.53	12.39	15.40
OF	210.00	8.53	12.39	15.40
OF	213.30	8.52	12.39	15.40
OF	216.50	8.52	12.39	15.40
OF	219.80	8.52	12.39	15.40
OF	223.10	8.52	12.39	15.40
OF	226.40	8.52	12.39	15.39
OF	229.70	8.52	12.39	15.39
OF	232.90	8.52	12.39	15.39
OF	236.20	8.51	12.39	15.39
OF	239.50	8.51	12.39	15.39
OF	242.80	8.51	12.39	15.39
OF	246.10	8.51	12.39	15.39
OF	249.30	8.51	12.39	15.39
OF	252.60	8.51	12.39	15.39
OF	255.90	8.50	12.39	15.38
OF	259.20	8.49	12.39	15.38
OF	262.50	8.47	12.39	15.37
OF	265.70	8.46	12.39	15.36
OF	269.00	8.45	12.39	15.35
OF	272.30	8.44	12.39	15.35
OF	275.60	8.43	12.39	15.34
OF	278.90	8.42	12.39	15.33
OF	282.20	8.41	12.39	15.32
OF	285.40	8.39	12.39	15.32
OF	288.70	8.38	12.39	15.31
OF	292.00	8.37	12.39	15.30
OF	295.30	8.36	12.39	15.29
OF	298.60	8.35	12.39	15.29
OF	301.80	8.34	12.39	15.28
OF	305.10	8.33	12.39	15.27
OF	308.40	8.32	12.39	15.26
OF	311.70	8.31	12.39	15.26
OF	315.00	8.30	12.39	15.25
OF	318.20	8.29	12.39	15.25
OF	321.50	8.28	12.39	15.24
OF	324.80	8.26	12.39	15.23
OF	328.10	8.26	12.39	15.22
OF	331.40	8.24	12.39	15.22
OF	334.60	8.23	12.39	15.21
OF	337.90	8.22	12.39	15.20
OF	341.20	8.21	12.39	15.20
OF	344.50	8.20	12.39	15.19
OF	347.80	8.19	12.39	15.18
OF	351.00	8.18	12.39	15.18
OF	354.30	8.17	12.39	15.17
OF	357.60	8.16	12.39	15.16
OF	360.90	8.15	12.39	15.16
OF	364.20	8.14	12.39	15.15
OF	367.50	8.13	12.39	15.14
OF	370.70	8.12	12.39	15.14
OF	374.00	8.11	12.39	15.13
OF	377.30	8.10	12.39	15.12
OF	380.60	8.09	12.39	15.11
OF	383.90	8.08	12.39	15.11
OF	387.10	8.07	12.39	15.10
OF	390.40	8.06	12.39	15.09
OF	393.70	8.05	12.39	15.09

OF	397.00	8.04	12.39	15.08
OF	400.30	8.02	12.39	15.07
OF	403.50	8.02	12.39	15.07
OF	406.80	8.01	12.39	15.06
OF	410.10	8.00	12.39	15.06
OF	413.40	8.00	12.39	15.06
OF	416.70	8.00	12.39	15.06
OF	419.90	8.00	12.39	15.06
OF	423.20	8.00	12.39	15.06
OF	426.50	8.00	12.39	15.06
OF	429.80	8.00	12.39	15.06
OF	433.10	8.00	12.39	15.06
OF	436.40	8.00	12.39	15.06
OF	439.60	8.00	12.39	15.06
OF	442.90	8.00	12.39	15.06
OF	446.20	8.00	12.39	15.06
OF	449.50	8.00	12.39	15.06
OF	452.80	8.00	12.39	15.06
OF	456.00	8.00	12.39	15.07
OF	459.30	8.00	12.39	15.07
OF	462.60	8.01	12.39	15.07
OF	465.90	8.01	12.39	15.07
OF	469.20	8.01	12.39	15.07
OF	472.40	8.01	12.39	15.07
OF	475.70	8.01	12.39	15.07
OF	479.00	8.01	12.39	15.07
OF	482.30	8.01	12.39	15.07
OF	485.60	8.01	12.39	15.07
OF	488.80	8.01	12.39	15.07
OF	492.10	8.01	12.39	15.07
OF	495.40	8.01	12.39	15.07
OF	498.70	8.01	12.39	15.07
OF	502.00	8.01	12.39	15.07
OF	505.20	8.01	12.39	15.07
OF	508.50	8.02	12.39	15.08
OF	511.80	8.02	12.39	15.09
OF	515.10	8.03	12.39	15.09
OF	518.40	8.04	12.39	15.10
OF	521.70	8.05	12.39	15.10
OF	524.90	8.05	12.39	15.11
OF	528.20	8.06	12.39	15.11
OF	531.50	8.07	12.39	15.12
OF	534.80	8.08	12.39	15.13
OF	538.10	8.09	12.39	15.13
OF	541.30	8.10	12.39	15.14
OF	544.60	8.11	12.39	15.15
OF	547.90	8.12	12.39	15.16
OF	551.20	8.13	12.39	15.16
OF	554.50	8.14	12.39	15.17
OF	557.70	8.15	12.39	15.18
OF	561.00	8.16	12.39	15.18
OF	564.30	8.17	12.39	15.19
OF	567.60	8.18	12.39	15.20
OF	570.90	8.19	12.39	15.21
OF	574.10	8.20	12.39	15.21
OF	577.40	8.20	12.39	15.22
OF	580.70	8.21	12.39	15.23
OF	584.00	8.22	12.39	15.23
OF	587.30	8.23	12.39	15.24
OF	590.50	8.24	12.39	15.25
OF	593.80	8.24	12.39	15.25
OF	597.10	8.25	12.39	15.25
OF	600.40	8.25	12.39	15.25
OF	603.70	8.25	12.39	15.26
OF	607.00	8.26	12.39	15.26
OF	610.20	8.26	12.39	15.26
OF	613.50	8.26	12.39	15.26
OF	616.80	8.26	12.39	15.26
OF	620.10	8.27	12.39	15.27
OF	623.40	8.27	12.39	15.27
OF	626.60	8.27	12.39	15.27
OF	629.90	8.28	12.39	15.27
OF	633.20	8.28	12.39	15.28
OF	636.50	8.28	12.39	15.28
OF	639.80	8.29	12.39	15.28
OF	643.00	8.28	12.39	15.28
OF	646.30	8.28	12.39	15.28
OF	649.60	8.28	12.39	15.28
OF	652.90	8.28	12.39	15.27
OF	656.20	8.27	12.39	15.27
OF	659.40	8.27	12.39	15.27
OF	662.70	8.27	12.39	15.27
OF	666.00	8.26	12.39	15.26
OF	669.30	8.25	12.39	15.26
OF	672.60	8.25	12.39	15.25
OF	675.90	8.24	12.39	15.25
OF	679.10	8.23	12.39	15.24
OF	682.40	8.23	12.39	15.24
OF	685.70	8.22	12.39	15.23
OF	689.00	8.21	12.39	15.23
OF	692.30	8.21	12.39	15.22
OF	695.50	8.20	12.39	15.22
OF	698.80	8.19	12.39	15.21
OF	702.10	8.19	12.39	15.21
OF	705.40	8.18	12.39	15.20
OF	708.70	8.17	12.39	15.20
OF	711.90	8.17	12.39	15.19
OF	715.20	8.16	12.39	15.19
OF	718.50	8.15	12.39	15.18
OF	721.80	8.12	12.39	15.17
OF	725.10	8.09	12.39	15.14
OF	728.30	8.06	12.39	15.12

OF	731.60	8.03	12.39	15.10
OF	734.90	8.00	12.39	15.08
OF	738.20	7.96	12.39	15.05
OF	741.50	7.93	12.39	15.03
OF	744.70	7.90	12.39	15.01
OF	748.00	7.87	12.39	14.99
OF	751.30	7.85	12.39	14.98
OF	754.60	7.84	12.39	14.97
OF	757.90	7.83	12.39	14.96
OF	761.20	7.81	12.39	14.95
OF	764.40	7.80	12.39	14.94
OF	767.70	7.79	12.39	14.93
OF	771.00	7.78	12.39	14.92
OF	774.30	7.77	12.39	14.92
OF	777.60	7.76	12.39	14.91
OF	780.80	7.76	12.39	14.91
OF	784.10	7.75	12.39	14.90
OF	787.40	7.74	12.39	14.90
OF	790.70	7.73	12.39	14.89
OF	794.00	7.73	12.39	14.89
OF	797.20	7.72	12.39	14.88
OF	800.50	7.71	12.39	14.88
OF	803.80	7.70	12.39	14.87
OF	807.10	7.70	12.39	14.87
OF	810.40	7.69	12.39	14.86
OF	813.60	7.68	12.39	14.86
OF	816.90	7.67	12.39	14.85
OF	820.20	7.67	12.39	14.85
OF	823.50	7.66	12.39	14.84
OF	826.80	7.65	12.39	14.84
OF	830.10	7.64	12.39	14.83
OF	833.30	7.64	12.39	14.83
OF	836.60	7.63	12.39	14.82
OF	839.90	7.62	12.39	14.82
OF	843.20	7.62	12.39	14.81
OF	846.50	7.61	12.39	14.81
OF	849.70	7.60	12.39	14.80
OF	853.00	7.59	12.39	14.80
OF	856.30	7.59	12.39	14.80
OF	859.60	7.58	12.39	14.79
OF	862.90	7.57	12.39	14.79
OF	866.10	7.56	12.39	14.78
OF	869.40	7.56	12.39	14.78
OF	872.70	7.55	12.39	14.77
OF	876.00	7.54	12.39	14.77
OF	879.30	7.54	12.39	14.77
OF	882.50	7.54	12.39	14.77
OF	885.80	7.54	12.39	14.77
OF	889.10	7.54	12.39	14.76
OF	892.40	7.54	12.39	14.76
OF	895.70	7.53	12.39	14.76
OF	898.90	7.53	12.39	14.76
OF	902.20	7.53	12.39	14.76
OF	905.50	7.53	12.39	14.76
OF	908.80	7.53	12.39	14.76
OF	912.10	7.53	12.39	14.76
OF	915.40	7.52	12.39	14.76
OF	918.60	7.52	12.39	14.75
OF	921.90	7.52	12.39	14.75
OF	925.20	7.52	12.39	14.75
OF	928.50	7.52	12.39	14.75
OF	931.80	7.51	12.39	14.75
OF	935.00	7.51	12.39	14.75
OF	938.30	7.51	12.39	14.75
OF	941.60	7.51	12.39	14.75
OF	944.90	7.51	12.39	14.75
OF	948.20	7.51	12.39	14.75
OF	951.40	7.50	12.39	14.74
OF	954.70	7.50	12.39	14.74
OF	958.00	7.50	12.39	14.74
OF	961.30	7.50	12.39	14.74
OF	964.60	7.50	12.39	14.74
OF	967.80	7.50	12.39	14.74
OF	971.10	7.50	12.39	14.74
OF	974.40	7.50	12.39	14.74
OF	977.70	7.50	12.39	14.74
OF	981.00	7.50	12.39	14.75
OF	984.20	7.50	12.39	14.75
OF	987.50	7.51	12.39	14.75
OF	990.80	7.51	12.39	14.75
OF	994.10	7.51	12.39	14.75
OF	997.40	7.50	12.39	14.75
OF	1000.70	7.50	12.39	14.74
OF	1003.90	7.49	12.39	14.74
OF	1007.20	7.49	12.39	14.74
OF	1010.50	7.48	12.39	14.74
OF	1013.80	7.48	12.39	14.73
OF	1017.10	7.47	12.39	14.73
OF	1020.30	7.47	12.39	14.73
OF	1023.60	7.47	12.39	14.72
OF	1026.90	7.46	12.39	14.72
OF	1030.20	7.46	12.39	14.72
OF	1033.50	7.45	12.39	14.71
OF	1036.70	7.45	12.39	14.71
OF	1040.00	7.44	12.39	14.71
OF	1043.30	7.44	12.39	14.70
OF	1046.60	7.44	12.39	14.70
OF	1049.90	7.43	12.39	14.70
OF	1053.10	7.43	12.39	14.70
OF	1056.40	7.42	12.39	14.69
OF	1059.70	7.42	12.39	14.69
OF	1063.00	7.41	12.39	14.69

OF	1066.30	7.41	12.39	14.68
OF	1069.60	7.40	12.39	14.68
OF	1072.80	7.40	12.39	14.68
OF	1076.10	7.40	12.39	14.68
OF	1079.40	7.39	12.39	14.67
OF	1082.70	7.39	12.39	14.67
OF	1086.00	7.38	12.39	14.67
OF	1089.20	7.38	12.39	14.66
OF	1092.50	7.37	12.39	14.66
OF	1095.80	7.37	12.39	14.66
OF	1099.10	7.35	12.39	14.65
OF	1102.40	7.34	12.39	14.64
OF	1105.60	7.32	12.39	14.62
OF	1108.90	7.31	12.39	14.61
OF	1112.20	7.29	12.39	14.60
OF	1115.50	7.33	12.39	14.63
OF	1118.80	7.35	12.39	14.65
OF	1122.00	7.33	12.39	14.64
OF	1125.30	7.32	12.39	14.63
OF	1128.60	7.32	12.39	14.62
OF	1131.90	7.31	12.39	14.62
OF	1135.20	7.31	12.39	14.62
OF	1138.40	7.30	12.39	14.61
OF	1141.70	7.30	12.39	14.61
OF	1145.00	7.31	12.39	14.62
OF	1148.30	7.32	12.39	14.63
OF	1151.60	7.33	12.39	14.64
OF	1154.90	7.31	12.39	14.62
IF	1158.10	7.21	12.39	14.55
IF	1161.40	7.09	12.39	14.47
IF	1164.70	7.02	12.39	14.42
IF	1168.00	6.96	12.39	14.37
IF	1171.30	6.99	12.39	14.39
IF	1174.50	6.98	12.39	14.39
IF	1177.80	6.98	12.39	14.39
OF	1181.10	7.05	12.39	14.44
OF	1184.40	7.05	12.39	14.44
OF	1187.70	7.05	12.39	14.44
OF	1190.90	7.05	12.39	14.44
OF	1194.20	7.06	12.39	14.44
OF	1197.50	7.06	12.39	14.45
OF	1200.80	7.06	12.39	14.45
OF	1204.10	7.06	12.39	14.45
OF	1207.30	7.07	12.39	14.45
OF	1210.60	7.07	12.39	14.46
OF	1213.90	7.07	12.39	14.46
OF	1217.20	7.08	12.39	14.46
OF	1220.50	7.08	12.39	14.46
OF	1223.80	7.08	12.39	14.46
OF	1227.00	7.08	12.39	14.47
OF	1230.30	7.09	12.39	14.47
OF	1233.60	7.09	12.39	14.47
OF	1236.90	7.09	12.39	14.47
OF	1240.20	7.09	12.39	14.47
OF	1243.40	7.09	12.39	14.47
OF	1246.70	7.10	12.39	14.48
OF	1250.00	7.10	12.39	14.48
OF	1253.30	7.10	12.39	14.48
OF	1256.60	7.10	12.39	14.48
OF	1259.80	7.10	12.39	14.48
OF	1263.10	7.11	12.39	14.48
OF	1266.40	7.11	12.39	14.48
OF	1269.70	7.10	12.39	14.48
OF	1273.00	7.10	12.39	14.48
OF	1276.20	7.10	12.39	14.48
OF	1279.50	7.10	12.39	14.48
OF	1282.80	7.09	12.39	14.47
OF	1286.10	7.10	12.39	14.48
OF	1289.40	7.16	12.39	14.52
OF	1292.60	7.14	12.39	14.51
OF	1295.90	7.13	12.39	14.50
OF	1299.20	7.11	12.39	14.49
OF	1302.50	7.10	12.39	14.48
IF	1305.80	7.09	12.39	14.47
IF	1309.10	7.07	12.39	14.46
IF	1312.30	7.06	12.39	14.45
IF	1315.60	7.05	12.39	14.44
IF	1318.90	7.05	12.39	14.45
IF	1322.20	7.06	12.39	14.45
IF	1325.50	7.08	12.39	14.47
IF	1328.70	7.10	12.39	14.48
IF	1332.00	7.10	12.39	14.48
IF	1335.30	7.08	12.39	14.47
IF	1338.60	7.06	12.39	14.45
IF	1341.90	7.07	12.39	14.46
IF	1345.10	7.09	12.39	14.47
IF	1348.40	7.08	12.39	14.46
IF	1351.70	7.05	12.39	14.45
IF	1355.00	7.08	12.39	14.47
IF	1358.30	7.07	12.39	14.46
IF	1361.50	7.06	12.39	14.45
IF	1364.80	7.00	12.39	14.41
IF	1368.10	7.01	12.39	14.42
IF	1371.40	7.02	12.39	14.43
IF	1374.70	7.04	12.39	14.44
IF	1377.90	7.02	12.39	14.42
IF	1381.20	6.83	12.39	14.29
IF	1384.50	6.81	12.39	14.28
IF	1387.80	6.82	12.39	14.28
IF	1391.10	6.62	12.39	14.14
IF	1394.40	6.59	12.39	14.13
IF	1397.60	6.61	12.39	14.14

IF	1400.90	6.60	12.39	14.13
IF	1404.20	6.56	12.39	14.10
IF	1407.50	6.51	12.39	14.07
IF	1410.80	6.46	12.39	14.03
IF	1414.00	6.41	12.39	14.00
IF	1417.30	6.36	12.39	13.96
IF	1420.60	6.32	12.39	13.94
IF	1423.90	6.29	12.39	13.91
IF	1427.20	6.24	12.39	13.88
IF	1430.40	6.18	12.39	13.84
IF	1433.70	6.13	12.39	13.80
IF	1437.00	6.08	12.39	13.77
IF	1440.30	6.04	12.39	13.74
IF	1443.60	5.99	12.39	13.71
IF	1446.80	5.91	12.39	13.65
IF	1450.10	5.77	12.39	13.55
IF	1453.40	5.63	12.39	13.45
IF	1456.70	5.56	12.39	13.40
IF	1460.00	5.57	12.39	13.41
IF	1463.30	5.57	12.39	13.41
IF	1466.50	5.45	12.39	13.33
IF	1469.80	5.31	12.39	13.23
IF	1473.10	5.19	12.39	13.15
IF	1476.40	5.08	12.39	13.07
IF	1479.70	4.86	12.39	12.91
IF	1482.90	4.53	12.39	12.68
IF	1486.20	4.46	12.39	12.63
IF	1489.50	4.28	12.39	12.51
IF	1492.80	4.06	12.39	12.36
IF	1496.10	3.87	12.39	12.23
IF	1499.30	3.69	12.39	12.11
IF	1502.60	3.48	12.39	11.96
IF	1505.90	3.26	12.39	11.81
IF	1509.20	3.04	12.39	11.67
IF	1512.50	2.59	12.39	11.36
IF	1515.70	2.15	12.39	11.06
IF	1519.00	2.02	12.39	11.01
IF	1522.30	1.89	12.39	10.95
IF	1525.60	1.81	12.39	10.92
IF	1528.90	1.74	12.39	10.90
IF	1532.10	1.67	12.39	10.88
IF	1535.40	1.60	12.39	10.85
IF	1538.70	0.37	12.39	10.22
IF	1539.50	0.01	12.39	9.97
AS	1688.00	0.00	0.00	9.64
IF	1690.00	0.03	0.19	9.66
IF	1697.50	0.07	0.30	9.68
IF	1707.00	0.10	0.38	9.71
IF	1711.50	0.10	0.40	9.71
IF	1715.50	0.12	0.42	9.73
IF	1721.50	0.15	0.45	9.74
IF	1728.70	0.01	0.48	9.64
AS	1734.30	0.00	0.00	9.64
IF	1738.50	0.04	0.23	9.67
IF	1751.00	0.09	0.36	9.70
IF	1763.00	0.13	0.43	9.73
IF	1774.00	0.17	0.48	9.76
IF	1788.00	0.08	0.53	9.70
IF	1796.00	0.16	0.55	9.75
IF	1798.70	0.01	0.56	9.64
AS	1816.80	0.00	0.00	9.64
IF	1819.00	0.03	0.19	9.66
IF	1821.70	0.01	0.24	9.64
AS	1882.20	0.00	0.00	9.64
IF	1885.00	0.03	0.21	9.66
IF	1887.10	0.01	0.24	9.64
AS	1911.90	0.00	0.00	9.64
IF	1912.50	0.01	0.14	9.65
IF	1922.50	0.07	0.31	9.69
IF	1933.00	0.10	0.39	9.71
IF	1936.20	0.01	0.41	9.64
AS	1956.90	0.00	0.00	9.64
IF	1961.00	0.04	0.23	9.67
IF	1968.00	0.01	0.32	9.64
AS	1983.90	0.00	0.00	9.64
IF	2004.50	0.11	0.39	9.71
IF	2027.00	0.14	0.49	9.74
IF	2042.00	0.21	0.54	9.79
IF	2058.00	0.24	0.59	9.81
IF	2065.20	0.01	0.61	9.64
AS	2085.60	0.00	0.00	9.64
IF	2088.00	0.03	0.20	9.66
IF	2092.00	0.01	0.27	9.64
AS	2106.60	0.00	0.00	9.64
IF	2109.00	0.02	0.20	9.65
IF	2120.50	0.08	0.34	9.70
IF	2128.00	0.11	0.39	9.72
IF	2142.00	0.16	0.46	9.75
IF	2160.50	0.21	0.53	9.78
IF	2174.30	0.01	0.57	9.64
AS	2182.70	0.00	0.00	9.60
IF	2198.00	0.09	0.35	9.66
IF	2205.00	0.12	0.40	9.68
IF	2207.00	0.12	0.41	9.68
IF	2217.50	0.15	0.46	9.71
IF	2232.50	0.20	0.52	9.73
IF	2239.00	0.21	0.54	9.75
IF	2242.00	0.22	0.55	9.75
IF	2250.00	0.24	0.57	9.77
IF	2262.00	0.27	0.60	9.79
IF	2269.50	0.28	0.62	9.80
IF	2280.00	0.31	0.65	9.81

IF	2288.00	0.32	0.66	9.83
IF	2290.50	0.33	0.67	9.83
IF	2297.50	0.34	0.68	9.84
IF	2307.50	0.36	0.70	9.85
IF	2315.50	0.38	0.72	9.86
IF	2321.00	0.39	0.73	9.87
IF	2327.50	0.40	0.74	9.88
IF	2337.00	0.41	0.75	9.89
IF	2345.50	0.43	0.77	9.90
IF	2354.00	0.44	0.78	9.91
IF	2367.00	0.47	0.80	9.93
IF	2375.00	0.48	0.81	9.94
IF	2377.00	0.48	0.81	9.94
IF	2382.50	0.49	0.82	9.95
IF	2390.50	0.50	0.83	9.96
IF	2396.50	0.51	0.84	9.96
IF	2401.00	0.52	0.84	9.97
IF	2406.00	0.53	0.85	9.97
IF	2413.00	0.54	0.86	9.98
IF	2419.50	0.55	0.87	9.99
IF	2426.50	0.56	0.88	10.00
IF	2431.00	0.57	0.88	10.00
IF	2436.00	0.58	0.89	10.01
IF	2443.00	0.59	0.90	10.01
IF	2447.00	0.59	0.90	10.02
IF	2449.00	0.60	0.90	10.02
IF	2452.50	0.60	0.91	10.02
IF	2459.00	0.61	0.91	10.03
IF	2464.50	0.62	0.92	10.04
IF	2469.50	0.63	0.92	10.04
IF	2473.50	0.63	0.93	10.04
IF	2480.00	0.64	0.94	10.05
IF	2491.50	0.66	0.95	10.06
IF	2499.00	0.67	0.95	10.07
IF	2504.50	0.68	0.96	10.08
IF	2511.00	0.68	0.97	10.08
IF	2515.50	0.69	0.97	10.09
IF	2525.50	0.70	0.98	10.10
OF	2554.00	0.74	1.01	10.13
IF	2556.50	0.75	1.01	10.13
IF	2562.00	0.75	1.01	10.13
IF	2567.00	0.76	1.02	10.14
OF	2677.00	0.90	1.11	10.24
OF	2721.00	0.95	1.14	10.28
OF	2722.00	0.95	1.14	10.28
OF	2723.00	0.95	1.14	10.28
OF	2746.00	0.98	1.16	10.30
OF	2747.00	0.98	1.16	10.30
OF	2748.00	0.98	1.16	10.30
OF	2749.00	0.98	1.16	10.30
OF	2750.00	0.98	1.16	10.30
OF	2751.00	0.99	1.16	10.30
OF	2752.00	0.99	1.16	10.30
OF	2753.00	0.99	1.16	10.30
OF	2754.00	0.99	1.16	10.30
OF	2755.00	0.99	1.16	10.30
OF	2756.00	0.99	1.16	10.31
OF	2757.00	0.99	1.16	10.31
OF	2758.00	0.99	1.17	10.31
OF	2759.00	1.00	1.17	10.31
OF	2760.00	1.00	1.17	10.31
OF	2761.00	1.00	1.17	10.31
OF	2762.00	1.00	1.17	10.31
OF	2763.00	1.00	1.17	10.31
OF	2764.00	1.00	1.17	10.31
OF	2765.00	1.00	1.17	10.31
OF	2766.00	1.00	1.17	10.31
OF	2767.00	1.00	1.17	10.32
OF	2768.00	1.01	1.17	10.32
OF	2769.00	1.01	1.17	10.32
OF	2770.00	1.01	1.17	10.32
OF	2771.00	1.01	1.17	10.32
OF	2772.00	1.01	1.17	10.32
OF	2773.00	1.01	1.18	10.32
OF	2774.00	1.01	1.18	10.32
OF	2775.00	1.01	1.18	10.32
OF	2776.00	1.01	1.18	10.32
OF	2777.00	1.02	1.18	10.32
OF	2778.00	1.02	1.18	10.32
OF	2779.00	1.02	1.18	10.32
OF	2780.00	1.02	1.18	10.33
OF	2781.00	1.02	1.18	10.33
OF	2782.00	1.02	1.18	10.33
OF	2783.00	1.02	1.18	10.33
OF	2784.00	1.02	1.18	10.33
OF	2785.00	1.02	1.18	10.33
OF	2786.00	1.03	1.18	10.33
OF	2787.00	1.03	1.18	10.33
OF	2788.00	1.03	1.19	10.33
OF	2789.00	1.03	1.19	10.33
OF	2790.00	1.03	1.19	10.33
OF	2791.00	1.03	1.19	10.33
OF	2792.00	1.03	1.19	10.33
OF	2793.00	1.03	1.19	10.34
OF	2794.00	1.04	1.19	10.34
OF	2795.00	1.04	1.19	10.34
OF	2796.00	1.04	1.19	10.34
OF	2797.00	1.04	1.19	10.34
OF	2798.00	1.04	1.19	10.34
OF	2800.00	1.04	1.19	10.34
OF	2801.00	1.04	1.19	10.34
OF	2803.00	1.05	1.19	10.34

OF	2804.00	1.05	1.20	10.34
OF	2806.00	1.05	1.20	10.35
OF	2807.00	1.05	1.20	10.35
OF	2809.00	1.05	1.20	10.35
OF	2810.00	1.05	1.20	10.35
OF	2812.00	1.06	1.20	10.35
OF	2813.00	1.06	1.20	10.35
OF	2818.00	1.06	1.20	10.36
OF	2819.00	1.06	1.21	10.36
OF	2822.00	1.07	1.21	10.36
OF	2824.00	1.07	1.21	10.36
OF	2831.00	1.08	1.21	10.37
OF	2845.00	1.09	1.22	10.38
OF	2854.50	1.10	1.23	10.38
IF	2885.00	1.13	1.25	10.41
IF	2897.50	1.15	1.25	10.42
IF	2903.50	1.15	1.26	10.42
IF	2911.50	1.16	1.26	10.43
IF	2920.50	1.17	1.27	10.43
IF	2931.50	1.18	1.27	10.44
IF	2938.50	1.19	1.28	10.45
IF	2942.50	1.19	1.28	10.45
IF	2951.50	1.20	1.28	10.46
IF	2961.50	1.21	1.29	10.46
IF	2969.00	1.22	1.29	10.47
IF	2979.50	1.23	1.30	10.48
IF	2988.00	1.24	1.30	10.48
IF	2991.00	1.24	1.30	10.48
IF	3001.00	1.25	1.31	10.49
IF	3012.50	1.26	1.32	10.50
IF	3020.00	1.27	1.32	10.51
IF	3028.00	1.28	1.32	10.51
IF	3037.50	1.29	1.33	10.52
IF	3045.00	1.29	1.33	10.52
IF	3052.00	1.30	1.34	10.53
IF	3061.50	1.30	1.34	10.53
IF	3070.00	1.31	1.34	10.54
IF	3080.00	1.32	1.35	10.55
IF	3091.00	1.33	1.36	10.55
IF	3102.00	1.34	1.36	10.56
IF	3111.50	1.35	1.37	10.56
IF	3118.00	1.36	1.37	10.57
IF	3128.50	1.36	1.37	10.57
IF	3140.70	0.01	1.38	9.63
AS	3158.40	0.00	0.00	9.62
IF	3164.50	0.05	0.26	9.65
IF	3177.00	0.10	0.37	9.69
IF	3188.00	0.01	0.44	9.63

PART3 LOCATION OF AREAS ABOVE 100-YEAR SURGE

BETWEEN	1539.50	AND	1688.00
BETWEEN	1728.70	AND	1734.30
BETWEEN	1798.70	AND	1816.80
BETWEEN	1821.70	AND	1882.20
BETWEEN	1887.10	AND	1911.90
BETWEEN	1936.20	AND	1956.90
BETWEEN	1968.00	AND	1983.90
BETWEEN	2065.20	AND	2085.60
BETWEEN	2092.00	AND	2106.60
BETWEEN	2174.30	AND	2182.70
BETWEEN	3140.70	AND	3158.40

PART4 LOCATION OF SURGE CHANGES

STATION	10-YEAR SURGE	100-YEAR SURGE
3.30	1.00	9.41
26.20	1.00	9.41
36.10	1.00	9.41
49.20	1.00	9.41
59.10	1.00	9.41
68.90	1.00	9.41
78.70	1.00	9.41
85.30	1.00	9.41
91.90	1.00	9.42
101.70	1.00	9.42
108.30	1.00	9.42
114.80	1.00	9.42
121.40	1.00	9.42
128.00	1.00	9.42
131.20	1.00	9.42
137.80	1.00	9.42
144.40	1.00	9.42
150.90	1.00	9.43
160.80	1.00	9.43
167.30	1.00	9.43
180.40	1.00	9.43
190.30	1.00	9.43
200.10	1.00	9.43
210.00	1.00	9.43
219.80	1.00	9.43
229.70	1.00	9.43
236.20	1.00	9.43
246.10	1.00	9.44
252.60	1.00	9.44
259.20	1.00	9.44
269.00	1.00	9.44
275.60	1.00	9.44
282.20	1.00	9.44
288.70	1.00	9.44
298.60	1.00	9.44
305.10	1.00	9.44
311.70	1.00	9.44
318.20	1.00	9.44
328.10	1.00	9.45
334.60	1.00	9.45

341.20	1.00	9.45
351.00	1.00	9.45
357.60	1.00	9.45
364.20	1.00	9.45
370.70	1.00	9.45
380.60	1.00	9.45
387.10	1.00	9.45
393.70	1.00	9.45
403.50	1.00	9.46
410.10	1.00	9.46
416.70	1.00	9.46
423.20	1.00	9.46
429.80	1.00	9.46
439.60	1.00	9.46
446.20	1.00	9.46
456.00	1.00	9.46
462.60	1.00	9.46
472.40	1.00	9.47
482.30	1.00	9.47
492.10	1.00	9.47
502.00	1.00	9.47
511.80	1.00	9.47
518.40	1.00	9.47
524.90	1.00	9.47
531.50	1.00	9.47
541.30	1.00	9.47
547.90	1.00	9.47
557.70	1.00	9.48
564.30	1.00	9.48
577.40	1.00	9.48
587.30	1.00	9.48
600.40	1.00	9.48
633.20	1.00	9.48
659.40	1.00	9.48
695.50	1.00	9.48
764.40	1.00	9.48
780.80	1.00	9.48
794.00	1.00	9.48
810.40	1.00	9.48
823.50	1.00	9.48
843.20	1.00	9.48
856.30	1.00	9.48
869.40	1.00	9.49
882.50	1.00	9.49
892.40	1.00	9.49
908.80	1.00	9.49
921.90	1.00	9.49
935.00	1.00	9.49
948.20	1.00	9.49
964.60	1.00	9.49
981.00	1.00	9.49
994.10	1.00	9.49
1010.50	1.00	9.50
1033.50	1.00	9.50
1053.10	1.00	9.50
1072.80	1.00	9.50
1092.50	1.00	9.50
1115.50	1.00	9.50
1118.80	1.00	9.50
1148.30	1.00	9.50
1158.10	1.00	9.50
1161.40	1.00	9.50
1171.30	1.00	9.50
1181.10	1.00	9.51
1200.80	1.00	9.51
1213.90	1.00	9.51
1236.90	1.00	9.51
1253.30	1.00	9.51
1289.40	1.00	9.51
1295.90	1.00	9.51
1305.80	1.00	9.51
1325.50	1.00	9.51
1328.70	1.00	9.51
1335.30	1.00	9.51
1345.10	1.00	9.51
1351.70	1.00	9.51
1355.00	1.00	9.51
1371.40	1.00	9.51
1381.20	1.00	9.51
1387.80	1.00	9.51
1391.10	1.00	9.51
1394.40	1.00	9.51
1423.90	1.00	9.51
1443.60	1.00	9.51
1450.10	1.00	9.51
1453.40	1.00	9.51
1456.70	1.00	9.51
1460.00	1.00	9.51
1463.30	1.00	9.51
1469.80	1.00	9.51
1476.40	1.00	9.51
1479.70	1.00	9.51
1482.90	1.00	9.51
1486.20	1.00	9.51
1489.50	1.00	9.52
1492.80	1.00	9.52
1496.10	1.00	9.52
1499.30	1.00	9.52
1502.60	1.00	9.53
1505.90	1.00	9.53
1509.20	1.00	9.54
1512.50	1.00	9.55

1515.70	1.00	9.56
1519.00	1.00	9.59
1522.30	1.00	9.62
1525.60	1.00	9.65
1528.90	1.00	9.69
1532.10	1.00	9.71
1535.40	1.00	9.73
1538.70	1.00	9.97
1688.00	1.00	9.64
2182.70	1.00	9.60
2242.00	1.00	9.60
2269.50	1.00	9.60
2297.50	1.00	9.60
2354.00	1.00	9.60
2459.00	1.00	9.60
2491.50	1.00	9.60
2511.00	1.00	9.60
2554.00	1.00	9.61
2562.00	1.00	9.61
2677.00	1.00	9.61
2763.00	1.00	9.61
2845.00	1.00	9.61
2885.00	1.00	9.61
2920.50	1.00	9.61
2951.50	1.00	9.62
2988.00	1.00	9.62
3012.50	1.00	9.62
3045.00	1.00	9.62
3128.50	1.00	9.62

PART5 LOCATION OF V ZONES

STATION OF GUTTER	LOCATION OF ZONE
1509.47	WINDWARD

PART6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER	ELEVATION	ZONE DESIGNATION		FHF
0.00	15.35	V23	EL=15	130
3.30	15.35	V23	EL=15	130
23.00	15.35	V23	EL=15	130
26.20	15.35	V23	EL=15	130
32.80	15.35	V23	EL=15	130
36.10	15.35	V23	EL=15	130
45.90	15.35	V23	EL=15	130
49.20	15.35	V23	EL=15	130
55.80	15.36	V23	EL=15	130
59.10	15.36	V23	EL=15	130
65.60	15.36	V23	EL=15	130
68.90	15.36	V23	EL=15	130
75.50	15.37	V23	EL=15	130
78.70	15.37	V23	EL=15	130
82.00	15.37	V23	EL=15	130
85.30	15.37	V23	EL=15	130
88.60	15.37	V23	EL=15	130
91.90	15.37	V23	EL=15	130
98.40	15.38	V23	EL=15	130
101.70	15.38	V23	EL=15	130
105.00	15.38	V23	EL=15	130
108.30	15.38	V23	EL=15	130
111.50	15.38	V23	EL=15	130
114.80	15.39	V23	EL=15	130
118.10	15.39	V23	EL=15	130
121.40	15.39	V23	EL=15	130
124.70	15.39	V23	EL=15	130
128.00	15.39	V23	EL=15	130
131.20	15.40	V23	EL=15	130
134.50	15.40	V23	EL=15	130
137.80	15.40	V23	EL=15	130
141.10	15.40	V23	EL=15	130
144.40	15.40	V23	EL=15	130
147.60	15.40	V23	EL=15	130

150.90	15.41			
157.50	15.41	V23	EL=15	130
160.80	15.41	V23	EL=15	130
164.00	15.41	V23	EL=15	130
167.30	15.41	V23	EL=15	130
177.20	15.41	V23	EL=15	130
180.40	15.41	V23	EL=15	130
187.00	15.41	V23	EL=15	130
190.30	15.41	V23	EL=15	130
196.80	15.41	V23	EL=15	130
200.10	15.41	V23	EL=15	130
206.70	15.40	V23	EL=15	130
210.00	15.40	V23	EL=15	130
216.50	15.40	V23	EL=15	130
219.80	15.40	V23	EL=15	130
226.40	15.39	V23	EL=15	130
229.70	15.39	V23	EL=15	130
232.90	15.39	V23	EL=15	130
236.20	15.39	V23	EL=15	130
242.80	15.39	V23	EL=15	130
246.10	15.39	V23	EL=15	130
249.30	15.39	V23	EL=15	130
252.60	15.39	V23	EL=15	130
255.90	15.38	V23	EL=15	130
259.20	15.38	V23	EL=15	130
265.70	15.36	V23	EL=15	130
269.00	15.35	V23	EL=15	130
272.30	15.35	V23	EL=15	130
275.60	15.34	V23	EL=15	130
278.90	15.33	V23	EL=15	130
282.20	15.32	V23	EL=15	130
285.40	15.32	V23	EL=15	130
288.70	15.31	V23	EL=15	130
295.30	15.29	V23	EL=15	130
298.60	15.29	V23	EL=15	130
301.80	15.28	V23	EL=15	130
305.10	15.27	V23	EL=15	130
308.40	15.26	V23	EL=15	130
311.70	15.26	V23	EL=15	130
315.00	15.25	V23	EL=15	130
318.20	15.25	V23	EL=15	130
324.80	15.23	V23	EL=15	130
328.10	15.22	V23	EL=15	130
331.40	15.22	V23	EL=15	130
334.60	15.21	V23	EL=15	130
337.90	15.20	V23	EL=15	130
341.20	15.20	V23	EL=15	130
347.80	15.18	V23	EL=15	130
351.00	15.18	V23	EL=15	130
354.30	15.17	V23	EL=15	130
357.60	15.16	V23	EL=15	130

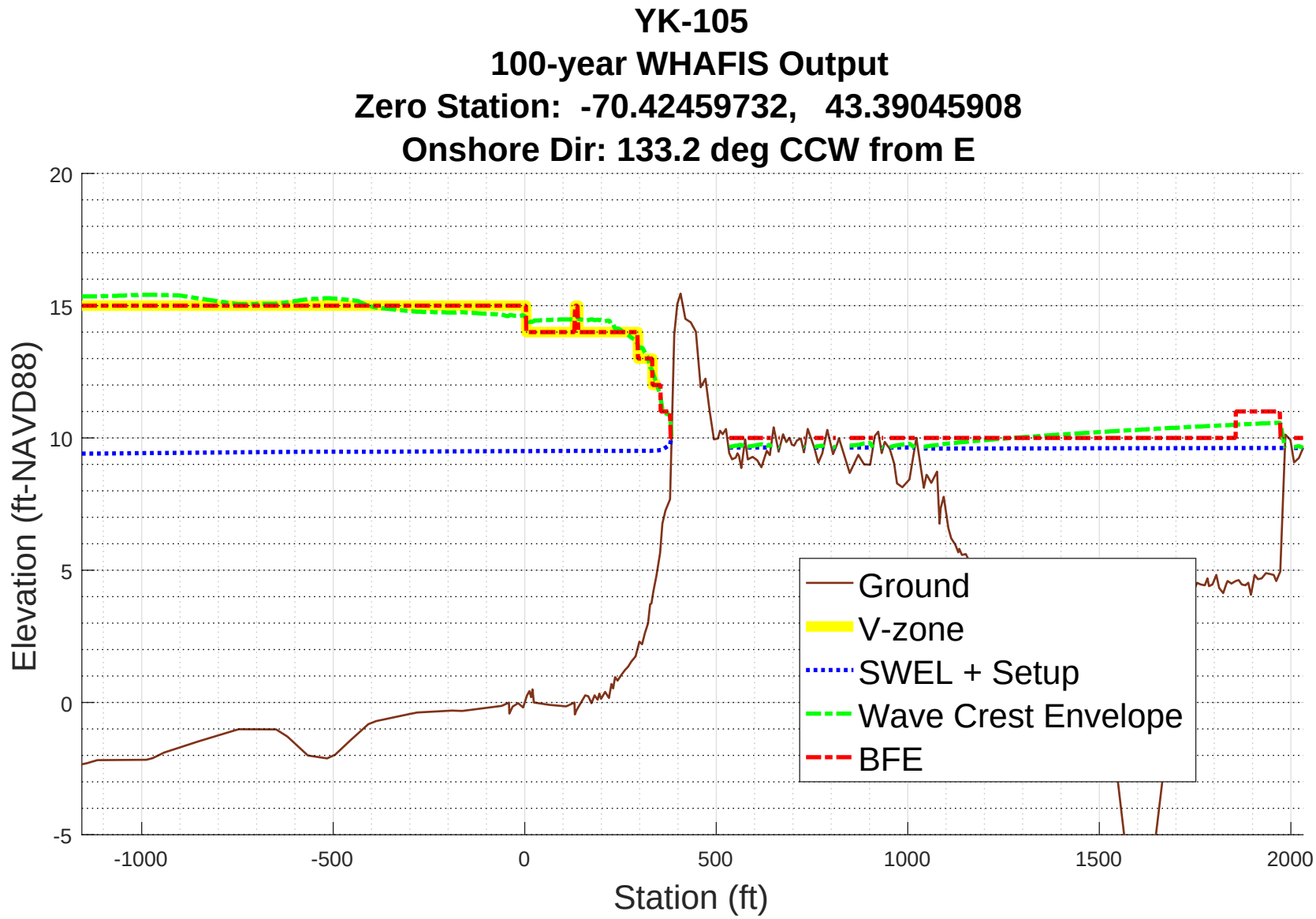
360.90	15.16			
364.20	15.15	V23	EL=15	130
367.50	15.14	V23	EL=15	130
370.70	15.14	V23	EL=15	130
377.30	15.12	V23	EL=15	130
380.60	15.11	V23	EL=15	130
383.90	15.11	V23	EL=15	130
387.10	15.10	V23	EL=15	130
390.40	15.09	V23	EL=15	130
393.70	15.09	V23	EL=15	130
400.30	15.07	V23	EL=15	130
403.50	15.07	V23	EL=15	130
406.80	15.06	V23	EL=15	130
410.10	15.06	V23	EL=15	130
413.40	15.06	V23	EL=15	130
416.70	15.06	V23	EL=15	130
419.90	15.06	V23	EL=15	130
423.20	15.06	V23	EL=15	130
426.50	15.06	V23	EL=15	130
429.80	15.06	V23	EL=15	130
436.40	15.06	V23	EL=15	130
439.60	15.06	V23	EL=15	130
442.90	15.06	V23	EL=15	130
446.20	15.06	V23	EL=15	130
452.80	15.06	V23	EL=15	130
456.00	15.07	V23	EL=15	130
459.30	15.07	V23	EL=15	130
462.60	15.07	V23	EL=15	130
469.20	15.07	V23	EL=15	130
472.40	15.07	V23	EL=15	130
479.00	15.07	V23	EL=15	130
482.30	15.07	V23	EL=15	130
488.80	15.07	V23	EL=15	130
492.10	15.07	V23	EL=15	130
498.70	15.07	V23	EL=15	130
502.00	15.07	V23	EL=15	130
508.50	15.08	V23	EL=15	130
511.80	15.09	V23	EL=15	130
515.10	15.09	V23	EL=15	130
518.40	15.10	V23	EL=15	130
521.70	15.10	V23	EL=15	130
524.90	15.11	V23	EL=15	130
528.20	15.11	V23	EL=15	130
531.50	15.12	V23	EL=15	130
538.10	15.13	V23	EL=15	130
541.30	15.14	V23	EL=15	130
544.60	15.15	V23	EL=15	130
547.90	15.16	V23	EL=15	130
554.50	15.17	V23	EL=15	130
557.70	15.18	V23	EL=15	130
561.00	15.18	V23	EL=15	130

564.30	15.19			
574.10	15.21	V23	EL=15	130
577.40	15.22	V23	EL=15	130
584.00	15.23	V23	EL=15	130
587.30	15.24	V23	EL=15	130
597.10	15.25	V23	EL=15	130
600.40	15.25	V23	EL=15	130
629.90	15.27	V23	EL=15	130
633.20	15.28	V23	EL=15	130
656.20	15.27	V23	EL=15	130
659.40	15.27	V23	EL=15	130
692.30	15.22	V23	EL=15	130
695.50	15.22	V23	EL=15	130
761.20	14.95	V23	EL=15	130
764.40	14.94	V23	EL=15	130
777.60	14.91	V23	EL=15	130
780.80	14.91	V23	EL=15	130
790.70	14.89	V23	EL=15	130
794.00	14.89	V23	EL=15	130
807.10	14.87	V23	EL=15	130
810.40	14.86	V23	EL=15	130
820.20	14.85	V23	EL=15	130
823.50	14.84	V23	EL=15	130
839.90	14.82	V23	EL=15	130
843.20	14.81	V23	EL=15	130
853.00	14.80	V23	EL=15	130
856.30	14.80	V23	EL=15	130
866.10	14.78	V23	EL=15	130
869.40	14.78	V23	EL=15	130
879.30	14.77	V23	EL=15	130
882.50	14.77	V23	EL=15	130
889.10	14.76	V23	EL=15	130
892.40	14.76	V23	EL=15	130
905.50	14.76	V23	EL=15	130
908.80	14.76	V23	EL=15	130
918.60	14.75	V23	EL=15	130
921.90	14.75	V23	EL=15	130
931.80	14.75	V23	EL=15	130
935.00	14.75	V23	EL=15	130
944.90	14.75	V23	EL=15	130
948.20	14.75	V23	EL=15	130
961.30	14.74	V23	EL=15	130
964.60	14.74	V23	EL=15	130
977.70	14.74	V23	EL=15	130
981.00	14.75	V23	EL=15	130
990.80	14.75	V23	EL=15	130
994.10	14.75	V23	EL=15	130
1007.20	14.74	V23	EL=15	130
1010.50	14.74	V23	EL=15	130
1030.20	14.72	V23	EL=15	130
1033.50	14.71	V23	EL=15	130

1049.90	14.70			
1053.10	14.70	V23	EL=15	130
1069.60	14.68	V23	EL=15	130
1072.80	14.68	V23	EL=15	130
1089.20	14.66	V23	EL=15	130
1092.50	14.66	V23	EL=15	130
1112.20	14.60	V23	EL=15	130
1115.50	14.63	V23	EL=15	130
1118.80	14.65	V23	EL=15	130
1145.00	14.62	V23	EL=15	130
1148.30	14.63	V23	EL=15	130
1154.90	14.62	V23	EL=15	130
1158.10	14.55	V23	EL=15	130
1160.00	14.50	V23	EL=15	130
1161.40	14.47	V23	EL=14	130
1168.00	14.37	V23	EL=14	130
1171.30	14.39	V23	EL=14	130
1177.80	14.39	V23	EL=14	130
1181.10	14.44	V23	EL=14	130
1197.50	14.45	V23	EL=14	130
1200.80	14.45	V23	EL=14	130
1210.60	14.46	V23	EL=14	130
1213.90	14.46	V23	EL=14	130
1233.60	14.47	V23	EL=14	130
1236.90	14.47	V23	EL=14	130
1250.00	14.48	V23	EL=14	130
1253.30	14.48	V23	EL=14	130
1286.10	14.48	V23	EL=14	130
1287.80	14.50	V23	EL=14	130
1289.40	14.52	V23	EL=15	130
1292.60	14.51	V23	EL=15	130
1295.56	14.50	V23	EL=15	130
1295.90	14.50	V23	EL=14	130
1302.50	14.48	V23	EL=14	130
1305.80	14.47	V23	EL=14	130
1322.20	14.45	V23	EL=14	130
1325.50	14.47	V23	EL=14	130
1328.70	14.48	V23	EL=14	130
1332.00	14.48	V23	EL=14	130
1335.30	14.47	V23	EL=14	130
1341.90	14.46	V23	EL=14	130
1345.10	14.47	V23	EL=14	130
1348.40	14.46	V23	EL=14	130
1351.70	14.45	V23	EL=14	130
1355.00	14.47	V23	EL=14	130
1368.10	14.42	V23	EL=14	130
1371.40	14.43	V23	EL=14	130
1377.90	14.42	V23	EL=14	130
1381.20	14.29	V23	EL=14	130
1384.50	14.28	V23	EL=14	130
1387.80	14.28	V23	EL=14	130

1391.10	14.14			
1394.40	14.13	V23	EL=14	130
1420.60	13.94	V23	EL=14	130
1423.90	13.91	V23	EL=14	130
1440.30	13.74	V23	EL=14	130
1443.60	13.71	V23	EL=14	130
1446.80	13.65	V23	EL=14	130
1450.10	13.55	V23	EL=14	130
1451.81	13.50	V23	EL=14	130
1453.40	13.45	V23	EL=13	130
1456.70	13.40	V23	EL=13	130
1460.00	13.41	V23	EL=13	130
1463.30	13.41	V23	EL=13	130
1466.50	13.33	V23	EL=13	130
1469.80	13.23	V23	EL=13	130
1473.10	13.15	V23	EL=13	130
1476.40	13.07	V23	EL=13	130
1479.70	12.91	V23	EL=13	130
1482.90	12.68	V23	EL=13	130
1486.20	12.63	V23	EL=13	130
1489.50	12.51	V23	EL=13	130
1489.70	12.50	V23	EL=13	130
1492.80	12.36	V23	EL=12	130
1496.10	12.23	V23	EL=12	130
1499.30	12.11	V23	EL=12	130
1502.60	11.96	V23	EL=12	130
1505.90	11.81	V23	EL=12	130
1509.20	11.67	V23	EL=12	130
1509.47	11.64	V23	EL=12	130
1511.00	11.50	A18	EL=12	90
1512.50	11.36	A18	EL=11	90
1515.70	11.06	A18	EL=11	90
1519.00	11.01	A18	EL=11	90
1522.30	10.95	A18	EL=11	90
1525.60	10.92	A18	EL=11	90
1528.90	10.90	A18	EL=11	90
1532.10	10.88	A18	EL=11	90
1535.40	10.85	A18	EL=11	90
1537.25	10.50	A18	EL=11	90
1538.70	10.22	A18	EL=10	90
1539.50	9.97	A18	EL=10	90
1688.00	9.64	A18	EL=10	90
1728.70	9.64	A18	EL=10	90
1734.30	9.64	A18	EL=10	90
1798.70	9.64	A18	EL=10	90
1816.80	9.64	A18	EL=10	90
1821.70	9.64	A18	EL=10	90
1882.20	9.64	A18	EL=10	90
1887.10	9.64	A18	EL=10	90
1911.90	9.64	A18	EL=10	90
1936.20	9.64	A18	EL=10	90
1956.90	9.64	A18	EL=10	90
1968.00	9.64	A18	EL=10	90
1983.90	9.64	A18	EL=10	90
2065.20	9.64	A18	EL=10	90

```
                          2085.60          9.64
                                                    A18  EL=10      90
                          2092.00          9.64
                          2106.60          9.64
                                                    A18  EL=10      90
                          2174.30          9.64
                          2182.70          9.60
                                                    A18  EL=10      90
                          2239.00          9.75
                                                    A18  EL=10      90
                          2242.00          9.75
                                                    A18  EL=10      90
                          2262.00          9.79
                                                    A18  EL=10      90
                          2269.50          9.80
                                                    A18  EL=10      90
                          2290.50          9.83
                                                    A18  EL=10      90
                          2297.50          9.84
                                                    A18  EL=10      90
                          2345.50          9.90
                                                    A18  EL=10      90
                          2354.00          9.91
                                                    A18  EL=10      90
                          2452.50         10.02
                                                    A18  EL=10      90
                          2459.00         10.03
                                                    A18  EL=10      90
                          2480.00         10.05
                                                    A18  EL=10      90
                          2491.50         10.06
                                                    A18  EL=10      90
                          2504.50         10.08
                                                    A18  EL=10      90
                          2511.00         10.08
                                                    A18  EL=10      90
                          2525.50         10.10
                                                    A18  EL=10      90
                          2554.00         10.13
                                                    A18  EL=10      90
                          2556.50         10.13
                                                    A18  EL=10      90
                          2562.00         10.13
                                                    A18  EL=10      90
                          2567.00         10.14
                                                    A18  EL=10      90
                          2677.00         10.24
                                                    A18  EL=10      90
                          2762.00         10.31
                                                    A18  EL=10      90
                          2763.00         10.31
                                                    A18  EL=10      90
                          2831.00         10.37
                                                    A18  EL=10      90
                          2845.00         10.38
                                                    A18  EL=10      90
                          2854.50         10.38
                                                    A18  EL=10      90
                          2885.00         10.41
                                                    A18  EL=10      90
                          2911.50         10.43
                                                    A18  EL=10      90
                          2920.50         10.43
                                                    A18  EL=10      90
                          2942.50         10.45
                                                    A18  EL=10      90
                          2951.50         10.46
                                                    A18  EL=10      90
                          2979.50         10.48
                                                    A18  EL=10      90
                          2988.00         10.48
                                                    A18  EL=10      90
                          3001.00         10.49
                                                    A18  EL=10      90
                          3011.81         10.50
                                                    A18  EL=11      90
                          3012.50         10.50
                                                    A18  EL=11      90
                          3037.50         10.52
                                                    A18  EL=11      90
                          3045.00         10.52
                                                    A18  EL=11      90
                          3118.00         10.57
                                                    A18  EL=11      90
                          3128.50         10.57
                                                    A18  EL=11      90
                          3129.46         10.50
                                                    A18  EL=10      90
                          3140.70          9.63
                          3158.40          9.62
                                                    A18  EL=10      90
                          3188.00          9.63
                                ZONE TERMINATED AT END OF TRANSECT
                                PART 7   POSTSCRIPT NOTES
                    PS#  1   START(384861.9271,4804904.6659)
                    PS#  2   END(384040.4609,4805779.4928)
-1.000000e+00
```


YK-105
100-year WHAFIS Output
Zero Station: -70.42459732, 43.39045908
Onshore Dir: 133.2 deg CCW from E
Elevation (ft-NAVD88)
Station (ft)
20
15
10
5
0
-5
-1000
-500
0
500
1000
1500
2000
Ground
V-zone
SWEL + Setup
Wave Crest Envelope
BFE

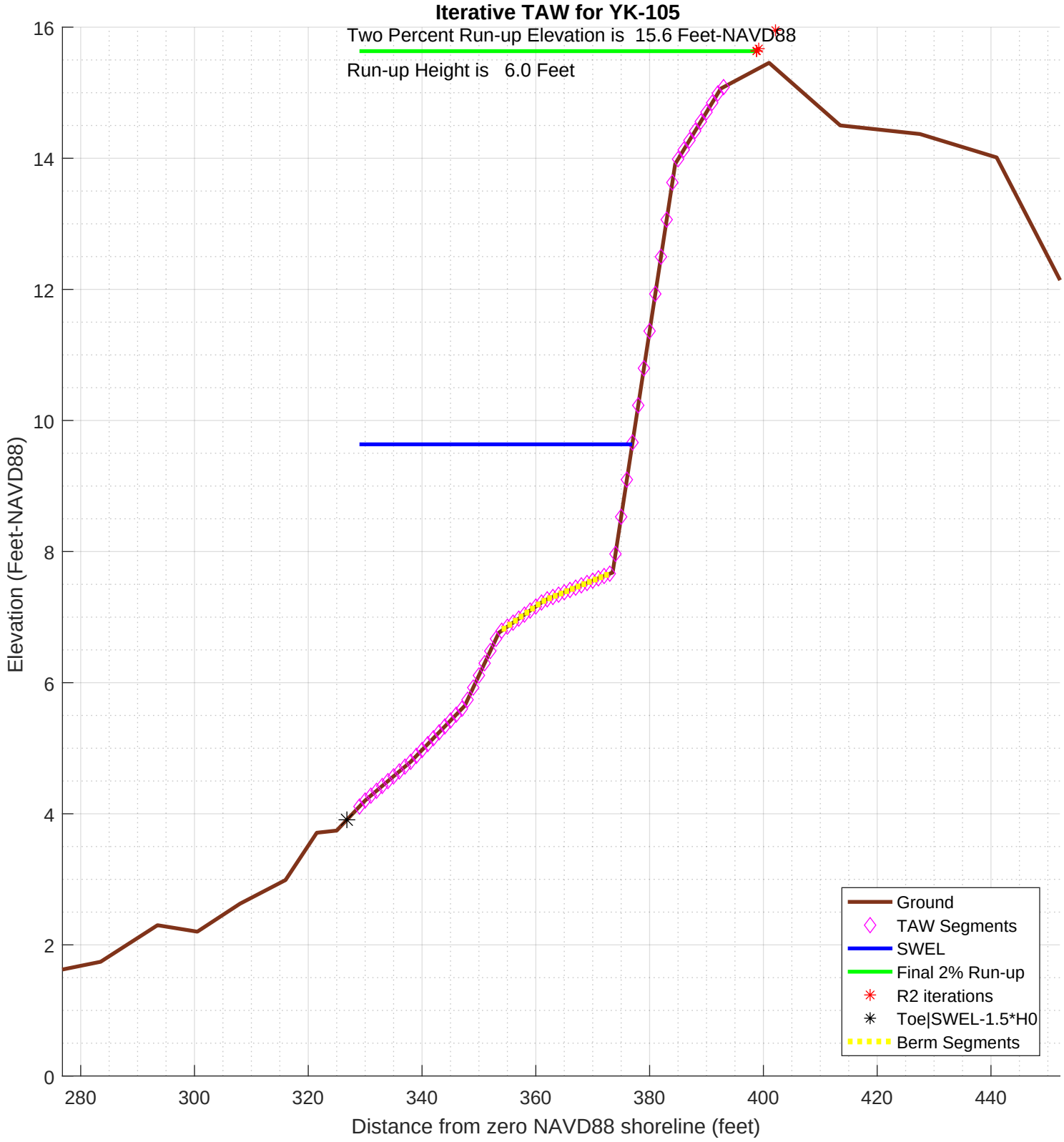
```
_____________________________________________________________
PART 4: TAW

Input Paramters:
    TWL- 9.4073 feet
    HS-  3.7367 feet
    PER- 12.3575 seconds
    TOE- x: 308 , z: 2.628 feet
    TOP- x: 392.5 , z: 15.0623 feet
    GBERM-   0.79588
    GGROUGH- 0.6
    GBETA-   1
    GPERM-   1

RUNNING TAW:
...
MATLAB DIARY: /4_taw/logfiles/YK-105-DIARY.txt

CHECKING VALIDITY:
...
TAW method is valid!
Using TAW runup to detemine runup elevation
TAW 2% runup: 15.6344 feet

PART 4 COMPLETE_____________________________________________
```


Iterative TAW for YK-105
Two Percent Run-up Elevation is 15.6 Feet-NAVD88
Run-up Height is 6.0 Feet
Elevation (Feet-NAVD88)
Distance from zero NAVD88 shoreline (feet)
0
2
4
6
8
10
12
14
16
280
300
320
340
360
380
400
420
440
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-105
% 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-105sta_ele_include.csv';   % file with station, elevation, include
                                    % third colunm is 0 for excluded points
imgname='logfiles/YK-105-runup';
SWEL=9.4073;  % 100-yr still water level including wave setup.
H0=3.7367;    % significant wave height at toe of structure
Tp=12.3575;    % peak period, 1/fma,
T0=Tp/1.1;

gamma_berm=0.8768;   % this may get changed automatically below
gamma_rough=0.6;
gamma_beta=1;
gamma_perm=1;

setupAtToe=0.10581;
maxSetup=0.56123;   % only used in case of berm/shallow foreshore weighted average

plotTitle='Iterative TAW for YK-105'

plotTitle =

Iterative TAW for YK-105



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

SWEL=SWEL+setupAtToe

SWEL =

                   9.51311

SWEL_fore=SWEL+maxSetup

SWEL_fore =

                  10.07434



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

L0 =

          645.768678645481


% 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 =

                    3.90806


% 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 =

                   15.11816


% 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 =

          326.792027257982

% 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 =

          393.344106523961


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

top_sta =

          393.344106523961

toe_sta

toe_sta =

          326.792027257982




% 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 69.7 ft landward of toe of slope


ans =

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


ans =

-!!-       setup is adjusted to 0.23 feet


ans =

-!!-       SWEL is adjusted to 9.64 feet


k =

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



% 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 =
                3.90806
toe_sta =
         326.792027257982
top_sta =
         393.344106523961
Z2 =
               15.11816
H0 =
                 3.7367
Tp =
                12.3575
T0 =
         11.2340909090909
R2 =
                11.2101
Z2 =
          20.845954296252
top_sta =
         453.683043773131
Lslope =
         126.891016515149
ans =
```

```
Berm Factor Calculation: Iteration 1, Profile Segment: 26
dh =
          2.81252729625202
rdh_sum =
         0.310601809144891
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 27
dh =
          2.75101129625202
rdh_sum =
         0.609302070071349
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 28
dh =
          2.68949579625202
rdh_sum =
         0.896235481783274
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 29
dh =
          2.62798029625202
rdh_sum =
          1.1715445140836
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 30
dh =
          2.56646429625202
rdh_sum =
          1.43537931694017
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 31
dh =
          2.50494829625202
rdh_sum =
          1.68789780791434
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 32
dh =
          2.44343279625202
rdh_sum =
          1.92926556143339
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 33
dh =
          2.38841079625202
rdh_sum =
          2.16080593444696
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 34
dh =
          2.34637479625202
rdh_sum =
          2.38493482809601
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 35
dh =
          2.31083229625202
rdh_sum =
          2.60286424384892
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 36
dh =
          2.27528979625202
rdh_sum =
          2.81465714801225
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 37
dh =
          2.23974729625202
rdh_sum =
          3.02037787673931
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 38
dh =
          2.20420479625202
rdh_sum =
          3.22009212166845
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 39
dh =
          2.16866229625202
rdh_sum =
          3.41386691525881
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 40
dh =
          2.13312029625202
rdh_sum =
          3.60177069793231
ans =
```

```
Berm Factor Calculation: Iteration 1, Profile Segment: 41
dh =
          2.09757779625202
rdh_sum =
          3.78387305550811
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 42
dh =
          2.06203529625202
rdh_sum =
           3.9602449519276
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 43
dh =
          2.02649279625202
rdh_sum =
          4.13095863033672
ans =
Berm Factor Calculation: Iteration 1, Profile Segment: 44
dh =
          1.99095029625202
rdh_sum =
          4.29608759695922
ans =
!------- End Berm Factor Calculation, Iter: 1 ---------!
berm_width =
    19
rB =
           0.14973479227926
rdh_mean =
          0.226109873524169
gamma_berm =
          0.884121722665171
slope =
          0.156990774981472
Irb =
           2.06380426567465
gamma_berm =
          0.884121722665171
gamma_perm =
     1
gamma_beta =
     1
gamma_rough =
                        0.6
gamma =
          0.530473033599103
ans =
!!! - - Iribaren number:   1.82 is in the valid range (0.5-10), TAW RECOMMENDED - - !!!
ans =
!!! - - slope: 1:6.4 V:H is in the valid range (1:8 - 1:1), TAW RECOMMENDED - - !!!
R2_new =
            6.315854067419
R2del =
            4.894245932581
Z2 =
           15.951708363671
ans =
!----------------- STARTING ITERATION 2 -----------------!
Ztoe =
                    3.90806
toe_sta =
          326.792027257982
top_sta =
          402.125047285504
Z2 =
           15.951708363671
H0 =
                     3.7367
Tp =
                    12.3575
T0 =
          11.2340909090909
R2 =
            6.315854067419
Z2 =
           15.951708363671
top_sta =
          402.125047285504
Lslope =
          75.3330200275217
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 26
dh =
          2.81252729625202
rdh_sum =
          0.310601809144891
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 27
dh =
```

```
          2.75101129625202
rdh_sum =
         0.609302070071349
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 28
dh =
          2.68949579625202
rdh_sum =
         0.896235481783274
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 29
dh =
          2.62798029625202
rdh_sum =
          1.1715445140836
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 30
dh =
          2.56646429625202
rdh_sum =
          1.43537931694017
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 31
dh =
          2.50494829625202
rdh_sum =
          1.68789780791434
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 32
dh =
          2.44343279625202
rdh_sum =
          1.92926556143339
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 33
dh =
          2.38841079625202
rdh_sum =
          2.16080593444696
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 34
dh =
          2.34637479625202
rdh_sum =
          2.38493482809601
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 35
dh =
          2.31083229625202
rdh_sum =
          2.60286424384892
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 36
dh =
          2.27528979625202
rdh_sum =
          2.81465714801225
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 37
dh =
          2.23974729625202
rdh_sum =
          3.02037787673931
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 38
dh =
          2.20420479625202
rdh_sum =
          3.22009212166845
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 39
dh =
          2.16866229625202
rdh_sum =
          3.41386691525881
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 40
dh =
          2.13312029625202
rdh_sum =
          3.60177069793231
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 41
dh =
          2.09757779625202
rdh_sum =
          3.78387305550811
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 42
dh =
```

```
          2.06203529625202
rdh_sum =
           3.9602449519276
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 43
dh =
          2.02649279625202
rdh_sum =
          4.13095863033672
ans =
Berm Factor Calculation: Iteration 2, Profile Segment: 44
dh =
          1.99095029625202
rdh_sum =
          4.29608759695922
ans =
!------- End Berm Factor Calculation, Iter: 2 ---------!
berm_width =
    19
rB =
          0.252213438317734
rdh_mean =
          0.226109873524169
gamma_berm =
          0.804814510321385
slope =
          0.213793763547331
Irb =
           2.81053763340994
gamma_berm =
          0.804814510321385
gamma_perm =
     1
gamma_beta =
     1
gamma_rough =
                       0.6
gamma =
          0.482888706192831
ans =
!!! - - Iribaren number:   2.26 is in the valid range (0.5-10), TAW RECOMMENDED - - !!!
ans =
!!! - - slope: 1:4.7 V:H is in the valid range (1:8 - 1:1), TAW RECOMMENDED - - !!!
R2_new =
           6.03685528351079
R2del =
          0.278998783908204
Z2 =
           15.6727095797628
ans =
!----------------- STARTING ITERATION 3 -----------------!
Ztoe =
                    3.90806
toe_sta =
          326.792027257982
top_sta =
          399.185959524296
Z2 =
          15.6727095797628
H0 =
                     3.7367
Tp =
                    12.3575
T0 =
          11.2340909090909
R2 =
          6.03685528351079
Z2 =
          15.6727095797628
top_sta =
          399.185959524296
Lslope =
          72.3939322663136
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 26
dh =
          2.81252729625202
rdh_sum =
          0.310601809144891
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 27
dh =
          2.75101129625202
rdh_sum =
          0.609302070071349
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 28
dh =
          2.68949579625202
rdh_sum =
```

```
         0.896235481783274
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 29
dh =
          2.62798029625202
rdh_sum =
           1.1715445140836
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 30
dh =
          2.56646429625202
rdh_sum =
          1.43537931694017
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 31
dh =
          2.50494829625202
rdh_sum =
          1.68789780791434
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 32
dh =
          2.44343279625202
rdh_sum =
          1.92926556143339
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 33
dh =
          2.38841079625202
rdh_sum =
          2.16080593444696
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 34
dh =
          2.34637479625202
rdh_sum =
          2.38493482809601
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 35
dh =
          2.31083229625202
rdh_sum =
          2.60286424384892
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 36
dh =
          2.27528979625202
rdh_sum =
          2.81465714801225
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 37
dh =
          2.23974729625202
rdh_sum =
          3.02037787673931
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 38
dh =
          2.20420479625202
rdh_sum =
          3.22009212166845
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 39
dh =
          2.16866229625202
rdh_sum =
          3.41386691525881
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 40
dh =
          2.13312029625202
rdh_sum =
          3.60177069793231
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 41
dh =
          2.09757779625202
rdh_sum =
          3.78387305550811
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 42
dh =
          2.06203529625202
rdh_sum =
           3.9602449519276
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 43
dh =
          2.02649279625202
rdh_sum =
```

```
          4.13095863033672
ans =
Berm Factor Calculation: Iteration 3, Profile Segment: 44
dh =
          1.99095029625202
rdh_sum =
          4.29608759695922
ans =
!------- End Berm Factor Calculation, Iter: 3 ---------!
berm_width =
    19
rB =
          0.262452935007111
rdh_mean =
          0.226109873524169
gamma_berm =
          0.796890264933394
slope =
          0.220336826309853
Irb =
           2.8965528839332
gamma_berm =
          0.796890264933394
gamma_perm =
     1
gamma_beta =
     1
gamma_rough =
                       0.6
gamma =
          0.478134158960036
ans =
!!! - - Iribaren number:   2.31 is in the valid range (0.5-10), TAW RECOMMENDED - - !!!
ans =
!!! - - slope: 1:4.5 V:H is in the valid range (1:8 - 1:1), TAW RECOMMENDED - - !!!
R2_new =
           6.00292477229057
R2del =
        0.0339305112202197
Z2 =
           15.6387790685426
ans =
!----------------- STARTING ITERATION 4 -----------------!
Ztoe =
                    3.90806
toe_sta =
          326.792027257982
top_sta =
          398.828521585456
Z2 =
          15.6387790685426
H0 =
                     3.7367
Tp =
                    12.3575
T0 =
          11.2340909090909
R2 =
          6.00292477229057
Z2 =
          15.6387790685426
top_sta =
          398.828521585456
Lslope =
          72.0364943274741
ans =
Berm Factor Calculation: Iteration 4, Profile Segment: 26
dh =
          2.81252729625202
rdh_sum =
          0.310601809144891
ans =
Berm Factor Calculation: Iteration 4, Profile Segment: 27
dh =
          2.75101129625202
rdh_sum =
          0.609302070071349
ans =
Berm Factor Calculation: Iteration 4, Profile Segment: 28
dh =
          2.68949579625202
rdh_sum =
          0.896235481783274
ans =
Berm Factor Calculation: Iteration 4, Profile Segment: 29
dh =
          2.62798029625202
rdh_sum =
           1.1715445140836
ans =
```

```
Berm Factor Calculation: Iteration 4, Profile Segment: 30
dh =
          2.56646429625202
rdh_sum =
          1.43537931694017
ans =
Berm Factor Calculation: Iteration 4, Profile Segment: 31
dh =
          2.50494829625202
rdh_sum =
          1.68789780791434
ans =
Berm Factor Calculation: Iteration 4, Profile Segment: 32
dh =
          2.44343279625202
rdh_sum =
          1.92926556143339
ans =
Berm Factor Calculation: Iteration 4, Profile Segment: 33
dh =
          2.38841079625202
rdh_sum =
          2.16080593444696
ans =
Berm Factor Calculation: Iteration 4, Profile Segment: 34
dh =
          2.34637479625202
rdh_sum =
          2.38493482809601
ans =
Berm Factor Calculation: Iteration 4, Profile Segment: 35
dh =
          2.31083229625202
rdh_sum =
          2.60286424384892
ans =
Berm Factor Calculation: Iteration 4, Profile Segment: 36
dh =
          2.27528979625202
rdh_sum =
          2.81465714801225
ans =
Berm Factor Calculation: Iteration 4, Profile Segment: 37
dh =
          2.23974729625202
rdh_sum =
          3.02037787673931
ans =
Berm Factor Calculation: Iteration 4, Profile Segment: 38
dh =
          2.20420479625202
rdh_sum =
          3.22009212166845
ans =
Berm Factor Calculation: Iteration 4, Profile Segment: 39
dh =
          2.16866229625202
rdh_sum =
          3.41386691525881
ans =
Berm Factor Calculation: Iteration 4, Profile Segment: 40
dh =
          2.13312029625202
rdh_sum =
          3.60177069793231
ans =
Berm Factor Calculation: Iteration 4, Profile Segment: 41
dh =
          2.09757779625202
rdh_sum =
          3.78387305550811
ans =
Berm Factor Calculation: Iteration 4, Profile Segment: 42
dh =
          2.06203529625202
rdh_sum =
           3.9602449519276
ans =
Berm Factor Calculation: Iteration 4, Profile Segment: 43
dh =
          2.02649279625202
rdh_sum =
          4.13095863033672
ans =
Berm Factor Calculation: Iteration 4, Profile Segment: 44
dh =
          1.99095029625202
rdh_sum =
          4.29608759695922
ans =
```

```
!------- End Berm Factor Calculation, Iter: 4 ---------!
berm_width =
    19
rB =
         0.26375520043531
rdh_mean =
         0.226109873524169
gamma_berm =
         0.79588245457646
slope =
         0.221182022252663
Irb =
         2.90766384884376
gamma_berm =
         0.79588245457646
gamma_perm =
     1
gamma_beta =
     1
gamma_rough =
                      0.6
gamma =
         0.477529472745876
ans =
!!! - - Iribaren number:   2.31 is in the valid range (0.5-10), TAW RECOMMENDED - - !!!
ans =
!!! - - slope: 1:4.5 V:H is in the valid range (1:8 - 1:1), TAW RECOMMENDED - - !!!
R2_new =
         5.99854119440962
R2del =
       0.00438357788095534
Z2 =
         15.6343954906616
% final 2% runup elevation
Z2=R2_new+SWEL
Z2 =
         15.6343954906616
diary off
-1.000000e+00
```

PART 5: RUNUP2

for transect: YK-105

Station locations shifted by: -5.83 feet from their
original location to set the shoreline to
elevation 0 for RUNUP2 input

RUNUP2 INPUT CONVERSIONS
for transect: YK-105

Incident significant wave height: 5.31 feet

Peak wave period: 12.39 seconds

Mean wave height: 3.32 feet

Local Depth below SWEL: 11.74 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 = 11.74
Period, T = 10.53
Waveheight, H = 3.32
Deep water wavelength, L0 (ft)
L0 = g*T*T/twopi
L0 = 32.17*10.53*10.53/6.28 = 568.16
Deep water wave celerity, C0 (ft/s)
C0 = L0/T
C0 = 568.16/10.53 = 53.94
Angular frequency, sigma (rad/s)
sigma = twopi/T
sigma = 6.28/10.53 = 0.60
Hunts (1979) approximation for Celerity C1H (ft/s) at Depth D (ft)
y = sigma.*sigma.*D./g
y = 0.60*0.60*11.74/32.17 = 0.13
C1H = sqrt(g.*D./(y+1./(1 + 0.6522.*y + 0.4622.*y.^2 + 0.0864.*y.^4 +0.0675.*y.^5)))
C1H = 19.01
Shoaling Coefficient KsH
KsH = sqrt(C0/C1H)
KsH = sqrt(53.94/19.01) = 1.68
Deepwater Wave Height H0_H (ft)
H0_H = H/KsH
H0_H = 3.32/1.68 = 1.97

Deepwater mean wave height: 1.97 feet

END RUNUP2 CONVERSIONS

RUNUP2 RESULTS
for transect: YK-105

RUNUP2 SWEL:
9.40
9.40
9.40
9.40

9.40
9.40
9.40
9.40
9.40

RUNUP2 deepwater mean wave heights:
1.87
1.87
1.87
1.97
1.97
1.97
2.07
2.07
2.07

RUNUP2 mean wave periods:
10.01
10.53
11.06
10.01
10.53
11.06
10.01
10.53
11.06

RUNUP2 runup above SWEL:
0.07
0.16
0.16
0.16
0.18
0.18
0.17
0.19
0.20

RUNUP2 Mean runup height above SWEL: 0.16 feet

RUNUP2 2-percent runup height above SWEL: 0.36 feet

RUNUP2 2-percent runup elevation: 9.76 feet-NAVD88

RUNUP2 Messages:
No Messages

_____END RUNUP2 RESULTS_____

_____ACES BEACH RUNUP_____

Incident significant wave height: 5.31 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: 3.15 feet

Peak wave period: 12.39 seconds

Average beach Slope: 1:89.34 (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 =     3.15
Wave Period,                        T  =    12.39
Beach Slope,                        S  =    0.011

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 = [ 1.9,  1.7,   1.6,    1.3,    0.8]

ACES RUNUP CALCULATED USING 'Aces_Beach_Runup.m'

ACES Beach 2-percent runup height above SWEL: 1.71 feet

ACES Beach 2-percent runup elevation: 11.11 feet-NAVD88

ACES BEACH RUNUP is valid

_____________END ACES BEACH RESULTS_____________________

PART 5 COMPLETE_____________________________________________
```

```
  FEMA                                                  sjh           job 2
  RUNUP2 transect: YK-105                                               1
8.00
  -2.34 -1156.2 0.6
  -2.18 -1115.2 0.6
  -2.17 -988.2 0.6
  -1.89 -941.2 0.6
  -1.01 -745.2 0.6
  -1.01 -423.2 0.6
  -0.70 -387.2 0.6
  -0.38 -280.2 0.6
  -0.31 -156.2 0.6
  -0.01 -4.2   0.6
  0.50  20.3   0.6
  0.50  219.8  0.6
  1.02  251.3  0.6
  1.74  289.3  0.6
  2.99  321.8  0.6
  5.65  353.3  0.6
  6.76  359.3  0.6
  7.68  379.3  0.6
  13.91 390.3  0.6
1 15.06 398.3  0.6
 9.4   1.87  10.01
 9.4   1.87  10.53
 9.4   1.87  11.06
 9.4   1.97  10.01
 9.4   1.97  10.53
 9.4   1.97  11.06
 9.4   2.07  10.01
 9.4   2.07  10.53
 9.4   2.07  11.06
```

****

CROSS SECTION PROFILE

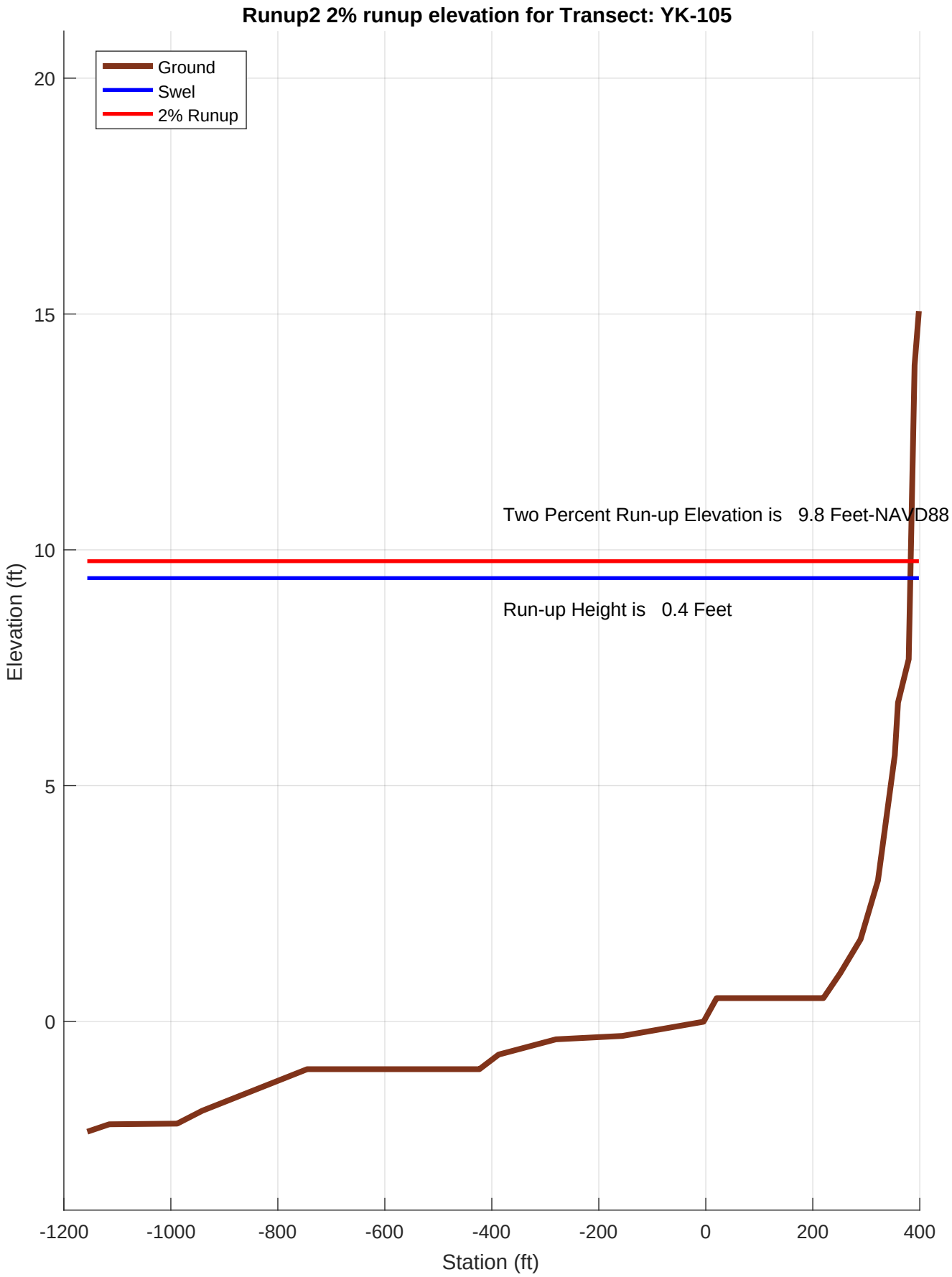
	LENGTH	ELEV.	SLOPE	ROUGHNESS
1	-1156.0	-2.3		
			.00	.60
2	-1115.0	-2.2		
			FLAT	.60
3	-988.2	-2.2		
			167.86	.60
4	-941.2	-1.9		
			222.73	.60
5	-745.2	-1.0		
			FLAT	.60
6	-423.2	-1.0		
			116.13	.60
7	-387.2	-.7		
			334.38	.60
8	-280.2	-.4		
			FLAT	.60
9	-156.2	-.3		
			506.67	.60
10	-4.2	.0		
			48.04	.60
11	20.3	.5		
			FLAT	.60
12	219.8	.5		
			60.58	.60
13	251.3	1.0		
			52.78	.60
14	289.3	1.8		
			26.00	.60
15	321.8	3.0		
			11.84	.60
16	353.3	5.7		
			5.41	.60
17	359.3	6.8		
			21.74	.60
18	379.3	7.7		
			1.77	.60
19	390.3	13.9		
			6.96	.60
20	398.3	15.1		

LAST SLOPE 8.00 LAST ROUGHNESS .60

****

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.)
9.40	1.87	10.01	11	18	.07	4.58
9.40	1.87	10.53	11	18	.16	4.72
9.40	1.87	11.06	11	18	.16	4.85
9.40	1.97	10.01	11	18	.16	4.76
9.40	1.97	10.53	11	18	.18	4.90
9.40	1.97	11.06	11	18	.18	5.04
9.40	2.07	10.01	11	18	.17	4.94
9.40	2.07	10.53	11	18	.19	5.07
9.40	2.07	11.06	11	18	.20	5.22


Runup2 2% runup elevation for Transect: YK-105
Ground
Swel
2% Runup
Two Percent Run-up Elevation is 9.8 Feet-NAVD88
Run-up Height is 0.4 Feet
Elevation (ft)
Station (ft)
20
15
10
5
0
-1200
-1000
-800
-600
-400
-200
0
200
400