

## 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-100.dat

Output file: C:\FEMA-TransectAnalysis\LOMR-TransectAnalysis-Kennebunkport\3\_whafis\whafis4\YK-100.out  
headerTHIS 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	-15.296	1.000	1.000	9.320	6.415	11.251	56.140	0.004	0.000
OF	1.000	-15.292	0.000	9.320	0.000	0.000	0.000	0.000	0.004	0.000
OF	2.000	-15.288	0.000	9.320	0.000	0.000	0.000	0.000	0.004	0.000
OF	13.000	-15.247	0.000	9.320	0.000	0.000	0.000	0.000	0.004	0.000
OF	14.000	-15.243	0.000	9.320	0.000	0.000	0.000	0.000	0.004	0.000
OF	25.000	-15.201	0.000	9.320	0.000	0.000	0.000	0.000	0.004	0.000
OF	26.000	-15.197	0.000	9.320	0.000	0.000	0.000	0.000	0.004	0.000
OF	37.000	-15.155	0.000	9.320	0.000	0.000	0.000	0.000	0.004	0.000
OF	38.000	-15.152	0.000	9.320	0.000	0.000	0.000	0.000	0.018	0.000
OF	49.000	-14.942	0.000	9.320	0.000	0.000	0.000	0.000	0.021	0.000
OF	50.000	-14.900	0.000	9.320	0.000	0.000	0.000	0.000	0.041	0.000
OF	61.000	-14.444	0.000	9.320	0.000	0.000	0.000	0.000	0.041	0.000
OF	62.000	-14.402	0.000	9.320	0.000	0.000	0.000	0.000	0.041	0.000
OF	73.000	-13.946	0.000	9.321	0.000	0.000	0.000	0.000	0.041	0.000
OF	74.000	-13.905	0.000	9.321	0.000	0.000	0.000	0.000	0.041	0.000
OF	85.000	-13.448	0.000	9.321	0.000	0.000	0.000	0.000	0.041	0.000
OF	86.000	-13.407	0.000	9.321	0.000	0.000	0.000	0.000	0.048	0.000
OF	97.000	-12.867	0.000	9.321	0.000	0.000	0.000	0.000	0.049	0.000
OF	98.000	-12.815	0.000	9.321	0.000	0.000	0.000	0.000	0.051	0.000
OF	109.000	-12.251	0.000	9.321	0.000	0.000	0.000	0.000	0.051	0.000
OF	110.000	-12.200	0.000	9.321	0.000	0.000	0.000	0.000	0.051	0.000
OF	133.000	-11.021	0.000	9.321	0.000	0.000	0.000	0.000	0.051	0.000
OF	134.000	-10.970	0.000	9.321	0.000	0.000	0.000	0.000	0.051	0.000
OF	157.000	-9.806	0.000	9.321	0.000	0.000	0.000	0.000	0.050	0.000
OF	158.000	-9.771	0.000	9.321	0.000	0.000	0.000	0.000	0.040	0.000
OF	181.000	-8.837	0.000	9.321	0.000	0.000	0.000	0.000	0.041	0.000
OF	182.000	-8.785	0.000	9.321	0.000	0.000	0.000	0.000	0.053	0.000
OF	205.000	-7.576	0.000	9.322	0.000	0.000	0.000	0.000	0.053	0.000
OF	206.000	-7.523	0.000	9.322	0.000	0.000	0.000	0.000	0.057	0.000
IF	465.900	7.361	0.000	9.564	0.000	0.000	0.000	0.000	0.064	0.000
IF	469.200	9.327	0.000	10.096	0.000	0.000	0.000	0.000	0.667	0.000
IF	470.000	10.096	0.000	10.096	0.000	0.000	0.000	0.000	0.961	0.000
AS	1144.200	9.549	0.000	9.549	0.000	0.000	0.000	0.000	-0.134	0.000
IF	1149.500	8.839	0.000	9.549	0.000	0.000	0.000	0.000	-0.032	0.000
IF	1161.500	8.999	0.000	9.549	0.000	0.000	0.000	0.000	-0.024	0.000
IF	1171.500	8.310	0.000	9.549	0.000	0.000	0.000	0.000	-0.027	0.000
IF	1183.000	8.409	0.000	9.549	0.000	0.000	0.000	0.000	0.000	0.000
IF	1189.500	8.310	0.000	9.549	0.000	0.000	0.000	0.000	-0.012	0.000
IF	1205.500	8.150	0.000	9.549	0.000	0.000	0.000	0.000	-0.015	0.000
IF	1209.500	8.015	0.000	9.549	0.000	0.000	0.000	0.000	-0.021	0.000
IF	1422.000	3.684	0.000	9.533	0.000	0.000	0.000	0.000	0.006	0.000
IF	1462.900	9.533	0.000	9.533	0.000	0.000	0.000	0.000	0.143	0.000
AS	1547.500	9.569	0.000	9.569	0.000	0.000	0.000	0.000	-0.421	0.000
IF	1555.000	6.407	0.000	9.569	0.000	0.000	0.000	0.000	-0.126	0.000
IF	1585.500	4.767	0.000	9.569	0.000	0.000	0.000	0.000	-0.041	0.000
IF	1593.000	4.865	0.000	9.569	0.000	0.000	0.000	0.000	0.001	0.000
IF	1634.500	4.833	0.000	9.567	0.000	0.000	0.000	0.000	0.002	0.000
IF	1651.000	4.997	0.000	9.564	0.000	0.000	0.000	0.000	-0.006	0.000
IF	1678.500	4.570	0.000	9.555	0.000	0.000	0.000	0.000	-0.011	0.000
IF	1697.500	4.505	0.000	9.549	0.000	0.000	0.000	0.000	0.007	0.000
IF	1724.000	4.898	0.000	9.543	0.000	0.000	0.000	0.000	0.019	0.000
IF	1784.000	6.112	0.000	9.544	0.000	0.000	0.000	0.000	0.020	0.000
IF	1794.000	6.276	0.000	9.546	0.000	0.000	0.000	0.000	-0.008	0.000
IF	1813.500	5.883	0.000	9.547	0.000	0.000	0.000	0.000	0.067	0.000
IF	1842.900	9.544	0.000	9.544	0.000	0.000	0.000	0.000	0.124	0.000
AS	1895.100	9.530	0.000	9.530	0.000	0.000	0.000	0.000	-0.191	0.000
IF	1915.000	5.719	0.000	9.530	0.000	0.000	0.000	0.000	-0.089	0.000
IF	1947.000	4.931	0.000	9.525	0.000	0.000	0.000	0.000	-0.010	0.000
IF	1956.500	5.292	0.000	9.524	0.000	0.000	0.000	0.000	0.015	0.000
IF	1986.000	5.522	0.000	9.519	0.000	0.000	0.000	0.000	0.001	0.000
IF	2002.500	5.358	0.000	9.518	0.000	0.000	0.000	0.000	-0.009	0.000
IF	2021.500	5.194	0.000	9.518	0.000	0.000	0.000	0.000	-0.007	0.000
IF	2030.500	5.161	0.000	9.518	0.000	0.000	0.000	0.000	-0.004	0.000
IF	2072.500	4.964	0.000	9.517	0.000	0.000	0.000	0.000	0.007	0.000
IF	2083.500	5.522	0.000	9.516	0.000	0.000	0.000	0.000	0.011	0.000
IF	2112.000	5.390	0.000	9.515	0.000	0.000	0.000	0.000	-0.005	0.000
IF	2131.000	5.259	0.000	9.515	0.000	0.000	0.000	0.000	0.004	0.000
IF	2149.500	5.528	0.000	9.514	0.000	0.000	0.000	0.000	0.025	0.000
IF	2200.000	6.975	0.000	9.514	0.000	0.000	0.000	0.000	0.042	0.000
IF	2229.000	8.839	0.000	9.514	0.000	0.000	0.000	0.000	0.071	0.000
IF	2236.000	9.514	0.000	9.514	0.000	0.000	0.000	0.000	0.097	0.000
AS	3671.200	9.547	0.000	9.547	0.000	0.000	0.000	0.000	-0.129	0.000
IF	3681.000	8.281	0.000	9.547	0.000	0.000	0.000	0.000	-0.025	0.000
IF	3706.000	8.675	0.000	9.547	0.000	0.000	0.000	0.000	0.007	0.000
IF	3725.500	8.612	0.000	9.546	0.000	0.000	0.000	0.000	-0.014	0.000
IF	3741.500	8.186	0.000	9.544	0.000	0.000	0.000	0.000	-0.023	0.000
IF	3758.000	7.854	0.000	9.543	0.000	0.000	0.000	0.000	-0.047	0.000
IF	3768.500	6.906	0.000	9.542	0.000	0.000	0.000	0.000	-0.103	0.000
IF	3777.500	5.850	0.000	9.541	0.000	0.000	0.000	0.000	-0.049	0.000
IF	3792.500	5.719	0.000	9.540	0.000	0.000	0.000	0.000	-0.022	0.000
IF	3806.000	5.226	0.000	9.538	0.000	0.000	0.000	0.000	-0.017	0.000
IF	3819.000	5.259	0.000	9.536	0.000	0.000	0.000	0.000	0.051	0.000
IF	3833.500	6.637	0.000	9.534	0.000	0.000	0.000	0.000	0.032	0.000
IF	3846.500	6.145	0.000	9.533	0.000	0.000	0.000	0.000	-0.009	0.000
IF	3871.500	6.309	0.000	9.528	0.000	0.000	0.000	0.000	0.012	0.000
IF	3883.000	6.571	0.000	9.525	0.000	0.000	0.000	0.000	-0.004	0.000
IF	3901.000	6.178	0.000	9.521	0.000	0.000	0.000	0.000	-0.026	0.000
IF	3919.000	5.620	0.000	9.517	0.000	0.000	0.000	0.000	-0.028	0.000
IF	3957.000	4.603	0.000	9.513	0.000	0.000	0.000	0.000	-0.016	0.000
IF	3964.000	4.898	0.000	9.513	0.000	0.000	0.000	0.000	-0.030	0.000
OF	4145.000	-1.017	0.000	9.509	0.000	0.000	0.000	0.000	-0.032	0.000
OF	4146.000	-1.015	0.000	9.509	0.000	0.000	0.000	0.000	-0.010	0.000
OF	4336.000	-2.984	0.000	9.512	0.000	0.000	0.000	0.000	-0.009	0.000

OF	4363.000	-2.980	0.000	9.513	0.000	0.000	0.000	0.000	0.005	0.000
OF	4410.000	-2.599	0.000	9.513	0.000	0.000	0.000	0.000	0.007	0.000
OF	4476.000	-2.136	0.000	9.514	0.000	0.000	0.000	0.000	0.007	0.000
OF	4477.000	-2.134	0.000	9.514	0.000	0.000	0.000	0.000	0.041	0.000
IF	4636.000	4.337	0.000	9.516	0.000	0.000	0.000	0.000	0.038	0.000
IF	4652.000	4.567	0.000	9.516	0.000	0.000	0.000	0.000	0.012	0.000
IF	4701.000	5.125	0.000	9.517	0.000	0.000	0.000	0.000	0.008	0.000
IF	4709.000	5.026	0.000	9.517	0.000	0.000	0.000	0.000	0.008	0.000
IF	4736.500	5.420	0.000	9.517	0.000	0.000	0.000	0.000	0.004	0.000
IF	4752.500	5.190	0.000	9.518	0.000	0.000	0.000	0.000	0.001	0.000
IF	4796.500	5.486	0.000	9.518	0.000	0.000	0.000	0.000	0.002	0.000
IF	4811.000	5.321	0.000	9.518	0.000	0.000	0.000	0.000	0.004	0.000
IF	4837.500	5.650	0.000	9.518	0.000	0.000	0.000	0.000	-0.005	0.000
IF	4844.500	5.157	0.000	9.519	0.000	0.000	0.000	0.000	-0.025	0.000
IF	4866.000	4.928	0.000	9.521	0.000	0.000	0.000	0.000	-0.006	0.000
IF	4873.000	4.993	0.000	9.521	0.000	0.000	0.000	0.000	0.005	0.000
IF	4897.000	5.092	0.000	9.523	0.000	0.000	0.000	0.000	-0.006	0.000
IF	4904.500	4.797	0.000	9.524	0.000	0.000	0.000	0.000	0.006	0.000
IF	4929.500	5.289	0.000	9.524	0.000	0.000	0.000	0.000	0.012	0.000
IF	4941.000	5.223	0.000	9.524	0.000	0.000	0.000	0.000	-0.009	0.000
IF	4975.500	4.862	0.000	9.524	0.000	0.000	0.000	0.000	0.007	0.000
IF	4989.500	5.584	0.000	9.524	0.000	0.000	0.000	0.000	0.004	0.000
IF	5020.000	5.059	0.000	9.525	0.000	0.000	0.000	0.000	-0.007	0.000
IF	5050.500	5.190	0.000	9.526	0.000	0.000	0.000	0.000	0.007	0.000
IF	5066.000	5.387	0.000	9.527	0.000	0.000	0.000	0.000	0.014	0.000
IF	5079.000	5.584	0.000	9.528	0.000	0.000	0.000	0.000	-0.001	0.000
IF	5107.500	5.354	0.000	9.530	0.000	0.000	0.000	0.000	-0.011	0.000
IF	5122.500	5.125	0.000	9.531	0.000	0.000	0.000	0.000	-0.004	0.000
IF	5139.000	5.223	0.000	9.533	0.000	0.000	0.000	0.000	0.009	0.000
IF	5157.000	5.420	0.000	9.534	0.000	0.000	0.000	0.000	-0.011	0.000
IF	5175.000	4.829	0.000	9.535	0.000	0.000	0.000	0.000	-0.019	0.000
IF	5190.500	4.797	0.000	9.536	0.000	0.000	0.000	0.000	0.001	0.000
IF	5226.000	4.895	0.000	9.536	0.000	0.000	0.000	0.000	0.017	0.000
IF	5246.000	5.748	0.000	9.536	0.000	0.000	0.000	0.000	0.100	0.000
IF	5272.200	9.536	0.000	9.536	0.000	0.000	0.000	0.000	0.145	0.000
AS	5329.900	9.535	0.000	9.535	0.000	0.000	0.000	0.000	-0.108	0.000
IF	5342.500	8.179	0.000	9.535	0.000	0.000	0.000	0.000	-0.048	0.000
IF	5361.500	8.012	0.000	9.531	0.000	0.000	0.000	0.000	-0.024	0.000
IF	5383.000	7.192	0.000	9.531	0.000	0.000	0.000	0.000	-0.029	0.000
IF	5422.500	6.276	0.000	9.531	0.000	0.000	0.000	0.000	0.037	0.000
IF	5446.200	9.531	0.000	9.531	0.000	0.000	0.000	0.000	0.137	0.000
AS	6497.100	9.626	0.000	9.626	0.000	0.000	0.000	0.000	-0.161	0.000
IF	6526.500	4.895	0.000	9.626	0.000	0.000	0.000	0.000	-0.106	0.000
IF	6539.000	5.190	0.000	9.626	0.000	0.000	0.000	0.000	0.017	0.000
IF	6568.500	5.617	0.000	9.625	0.000	0.000	0.000	0.000	0.019	0.000
IF	6573.000	5.850	0.000	9.625	0.000	0.000	0.000	0.000	-0.003	0.000
IF	6610.500	5.486	0.000	9.624	0.000	0.000	0.000	0.000	0.011	0.000
IF	6640.000	6.568	0.000	9.623	0.000	0.000	0.000	0.000	0.003	0.000
IF	6664.000	5.650	0.000	9.622	0.000	0.000	0.000	0.000	-0.016	0.000
IF	6676.000	5.978	0.000	9.621	0.000	0.000	0.000	0.000	0.006	0.000
IF	6698.500	5.846	0.000	9.620	0.000	0.000	0.000	0.000	-0.014	0.000
IF	6711.500	5.486	0.000	9.620	0.000	0.000	0.000	0.000	0.043	0.000
IF	6731.500	7.257	0.000	9.620	0.000	0.000	0.000	0.000	0.074	0.000
IF	6749.500	8.307	0.000	9.619	0.000	0.000	0.000	0.000	0.081	0.000
IF	6760.600	9.619	0.000	9.619	0.000	0.000	0.000	0.000	0.118	0.000
AS	6905.800	9.617	0.000	9.617	0.000	0.000	0.000	0.000	-0.105	0.000
IF	6926.000	7.490	0.000	9.617	0.000	0.000	0.000	0.000	-0.073	0.000
IF	6946.000	6.700	0.000	9.617	0.000	0.000	0.000	0.000	-0.029	0.000
IF	6972.000	6.142	0.000	9.617	0.000	0.000	0.000	0.000	-0.009	0.000
IF	6978.000	6.404	0.000	9.617	0.000	0.000	0.000	0.000	-0.028	0.000
IF	6997.500	5.420	0.000	9.617	0.000	0.000	0.000	0.000	-0.024	0.000
IF	7009.000	5.650	0.000	9.617	0.000	0.000	0.000	0.000	0.008	0.000
IF	7026.500	5.650	0.000	9.617	0.000	0.000	0.000	0.000	0.026	0.000
IF	7053.500	6.798	0.000	9.617	0.000	0.000	0.000	0.000	0.079	0.000
IF	7064.500	8.668	0.000	9.617	0.000	0.000	0.000	0.000	0.152	0.000
IF	7072.100	9.617	0.000	9.617	0.000	0.000	0.000	0.000	0.125	0.000
AS	7459.500	9.613	0.000	9.613	0.000	0.000	0.000	0.000	-0.075	0.000
IF	7468.500	8.934	0.000	9.613	0.000	0.000	0.000	0.000	0.000	0.000
IF	7477.200	9.613	0.000	9.613	0.000	0.000	0.000	0.000	0.078	0.000
AS	7482.400	9.613	0.000	9.613	0.000	0.000	0.000	0.000	-0.224	0.000
IF	7488.500	8.245	0.000	9.613	0.000	0.000	0.000	0.000	-0.195	0.000
IF	7499.000	6.371	0.000	9.613	0.000	0.000	0.000	0.000	-0.068	0.000
IF	7515.000	6.437	0.000	9.613	0.000	0.000	0.000	0.000	-0.022	0.000
IF	7540.000	5.453	0.000	9.613	0.000	0.000	0.000	0.000	-0.028	0.000
IF	7546.500	5.551	0.000	9.613	0.000	0.000	0.000	0.000	0.011	0.000
IF	7589.500	6.007	0.000	9.612	0.000	0.000	0.000	0.000	0.010	0.000
IF	7599.500	6.106	0.000	9.612	0.000	0.000	0.000	0.000	-0.013	0.000
IF	7619.000	5.614	0.000	9.612	0.000	0.000	0.000	0.000	-0.027	0.000
IF	7626.500	5.384	0.000	9.612	0.000	0.000	0.000	0.000	-0.010	0.000
IF	7689.000	4.892	0.000	9.610	0.000	0.000	0.000	0.000	-0.009	0.000
IF	7699.500	4.760	0.000	9.610	0.000	0.000	0.000	0.000	-0.007	0.000
IF	7728.000	4.629	0.000	9.610	0.000	0.000	0.000	0.000	0.002	0.000
IF	7741.000	4.859	0.000	9.610	0.000	0.000	0.000	0.000	0.004	0.000
IF	7762.000	4.760	0.000	9.610	0.000	0.000	0.000	0.000	-0.009	0.000
IF	7776.000	4.531	0.000	9.610	0.000	0.000	0.000	0.000	-0.016	0.000
IF	7820.000	3.809	0.000	9.610	0.000	0.000	0.000	0.000	0.004	0.000
IF	7832.000	4.760	0.000	9.610	0.000	0.000	0.000	0.000	0.014	0.000
IF	7875.000	4.564	0.000	9.610	0.000	0.000	0.000	0.000	0.002	0.000
IF	7884.500	4.892	0.000	9.610	0.000	0.000	0.000	0.000	-0.022	0.000
OF	8106.000	-0.591	0.000	9.609	0.000	0.000	0.000	0.000	0.003	0.000
IF	8170.500	5.712	0.000	9.609	0.000	0.000	0.000	0.000	0.086	0.000
IF	8177.000	5.515	0.000	9.609	0.000	0.000	0.000	0.000	-0.047	0.000
OF	8292.000	-0.033	0.000	9.608	0.000	0.000	0.000	0.000	-0.013	0.000
IF	8295.500	3.973	0.000	9.608	0.000	0.000	0.000	0.000	0.076	0.000
IF	8353.500	4.629	0.000	9.607	0.000	0.000	0.000	0.000	0.002	0.000
IF	8440.000	4.236	0.000	9.609	0.000	0.000	0.000	0.000	-0.032	0.000
OF	8685.000	-5.977	0.000	9.610	0.000	0.000	0.000	0.000	-0.041	0.000
OF	8686.000	-5.977	0.000	9.610	0.000	0.000	0.000	0.000	0.000	0.000
OF	8709.000	-5.974	0.000	9.611	0.000	0.000	0.000	0.000	0.000	0.000
OF	8710.000	-5.974	0.000	9.611	0.000	0.000	0.000	0.000	0.000	0.000
OF	8733.000	-5.972	0.000	9.611	0.000	0.000	0.000	0.000	0.000	0.000
OF	8734.000	-5.972	0.000	9.611	0.000	0.000	0.000	0.000	0.000	0.000

OF	8757.000	-5.969	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OF	8758.000	-5.969	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OF	8781.000	-5.965	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OF	8782.000	-5.965	0.000	9.612	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OF	8806.000	-5.964	0.000	9.613	0.000	0.000	0.000	0.000	0.000	0.013	0.000
OF	8818.000	-5.515	0.000	9.613	0.000	0.000	0.000	0.000	0.000	0.041	0.000
OF	8842.000	-4.486	0.000	9.613	0.000	0.000	0.000	0.000	0.000	0.043	0.000
OF	8854.000	-3.972	0.000	9.614	0.000	0.000	0.000	0.000	0.000	0.032	0.000
OF	8947.000	-1.105	0.000	9.614	0.000	0.000	0.000	0.000	0.000	0.031	0.000
OF	8949.000	-1.066	0.000	9.614	0.000	0.000	0.000	0.000	0.000	0.032	0.000
IF	9124.500	4.495	0.000	9.617	0.000	0.000	0.000	0.000	0.000	0.026	0.000
IF	9154.500	4.265	0.000	9.617	0.000	0.000	0.000	0.000	0.000	-0.004	0.000
IF	9173.500	4.298	0.000	9.618	0.000	0.000	0.000	0.000	0.000	-0.008	0.000
IF	9205.500	3.871	0.000	9.618	0.000	0.000	0.000	0.000	0.000	-0.016	0.000
IF	9233.500	3.314	0.000	9.618	0.000	0.000	0.000	0.000	0.000	0.007	0.000
IF	9249.500	4.200	0.000	9.618	0.000	0.000	0.000	0.000	0.000	0.009	0.000
IF	9316.000	4.068	0.000	9.619	0.000	0.000	0.000	0.000	0.000	-0.002	0.000
IF	9324.500	4.035	0.000	9.619	0.000	0.000	0.000	0.000	0.000	0.001	0.000
IF	9357.500	4.101	0.000	9.619	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	9365.500	4.035	0.000	9.619	0.000	0.000	0.000	0.000	0.000	-0.006	0.000
IF	9395.500	3.871	0.000	9.618	0.000	0.000	0.000	0.000	0.000	0.002	0.000
IF	9407.000	4.134	0.000	9.618	0.000	0.000	0.000	0.000	0.000	0.004	0.000
IF	9432.000	4.003	0.000	9.617	0.000	0.000	0.000	0.000	0.000	0.002	0.000
IF	9443.000	4.200	0.000	9.618	0.000	0.000	0.000	0.000	0.000	0.022	0.000
IF	9483.500	5.151	0.000	9.618	0.000	0.000	0.000	0.000	0.000	0.002	0.000
IF	9489.500	4.298	0.000	9.618	0.000	0.000	0.000	0.000	0.000	-0.036	0.000
IF	9521.500	3.773	0.000	9.619	0.000	0.000	0.000	0.000	0.000	-0.014	0.000
IF	9528.000	3.740	0.000	9.619	0.000	0.000	0.000	0.000	0.000	-0.023	0.000
OF	9689.000	0.000	0.000	9.620	0.000	0.000	0.000	0.000	0.000	-0.006	0.000
IF	9747.500	2.395	0.000	9.620	0.000	0.000	0.000	0.000	0.000	-0.025	0.000
OF	9913.000	-5.594	0.000	9.622	0.000	0.000	0.000	0.000	0.000	-0.042	0.000
OF	9938.000	-5.672	0.000	9.621	0.000	0.000	0.000	0.000	0.000	-0.003	0.000
OF	9939.000	-5.672	0.000	9.621	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OF	9986.000	-5.668	0.000	9.621	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OF	9987.000	-5.668	0.000	9.621	0.000	0.000	0.000	0.000	0.000	0.046	0.000
OF	10071.000	-1.786	0.000	9.621	0.000	0.000	0.000	0.000	0.000	0.060	0.000
IF	10153.000	4.298	0.000	9.621	0.000	0.000	0.000	0.000	0.000	0.052	0.000
IF	10188.000	4.331	0.000	9.622	0.000	0.000	0.000	0.000	0.000	0.004	0.000
IF	10198.000	4.462	0.000	9.622	0.000	0.000	0.000	0.000	0.000	0.011	0.000
IF	10223.000	4.724	0.000	9.623	0.000	0.000	0.000	0.000	0.000	-0.001	0.000
IF	10234.000	4.429	0.000	9.623	0.000	0.000	0.000	0.000	0.000	-0.002	0.000
IF	10266.000	4.659	0.000	9.623	0.000	0.000	0.000	0.000	0.000	0.009	0.000
IF	10281.000	4.856	0.000	9.623	0.000	0.000	0.000	0.000	0.000	0.006	0.000
IF	10314.000	4.954	0.000	9.624	0.000	0.000	0.000	0.000	0.000	0.005	0.000
IF	10324.000	5.085	0.000	9.624	0.000	0.000	0.000	0.000	0.000	0.027	0.000
IF	10343.000	5.741	0.000	9.624	0.000	0.000	0.000	0.000	0.000	0.011	0.000
IF	10361.000	5.479	0.000	9.625	0.000	0.000	0.000	0.000	0.000	-0.006	0.000
IF	10383.000	5.512	0.000	9.625	0.000	0.000	0.000	0.000	0.000	0.008	0.000
IF	10390.000	5.709	0.000	9.625	0.000	0.000	0.000	0.000	0.000	0.006	0.000
IF	10415.000	5.709	0.000	9.626	0.000	0.000	0.000	0.000	0.000	0.004	0.000
IF	10433.000	5.873	0.000	9.626	0.000	0.000	0.000	0.000	0.000	0.045	0.000
IF	10444.000	7.021	0.000	9.626	0.000	0.000	0.000	0.000	0.000	0.040	0.000
IF	10459.000	6.923	0.000	9.626	0.000	0.000	0.000	0.000	0.000	-0.009	0.000
IF	10474.000	6.759	0.000	9.626	0.000	0.000	0.000	0.000	0.000	-0.011	0.000
IF	10490.000	6.595	0.000	9.626	0.000	0.000	0.000	0.000	0.000	0.024	0.000
IF	10505.000	7.513	0.000	9.626	0.000	0.000	0.000	0.000	0.000	0.064	0.000
IF	10516.000	8.268	0.000	9.626	0.000	0.000	0.000	0.000	0.000	0.036	0.000
IF	10525.000	8.235	0.000	9.626	0.000	0.000	0.000	0.000	0.000	0.009	0.000
IF	10535.000	8.432	0.000	9.626	0.000	0.000	0.000	0.000	0.000	0.024	0.000
IF	10549.000	8.822	0.000	9.626	0.000	0.000	0.000	0.000	0.000	-0.045	0.000
IF	10582.000	6.296	0.000	9.626	0.000	0.000	0.000	0.000	0.000	-0.046	0.000
IF	10591.000	6.886	0.000	9.626	0.000	0.000	0.000	0.000	0.000	0.131	0.000
IF	10605.000	9.314	0.000	9.626	0.000	0.000	0.000	0.000	0.000	0.098	0.000
IF	10619.000	9.626	0.000	9.626	0.000	0.000	0.000	0.000	0.000	0.022	0.000
AS	10632.000	9.626	0.000	9.626	0.000	0.000	0.000	0.000	0.000	-0.209	0.000
IF	10639.000	8.166	0.000	9.626	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	10645.000	9.626	0.000	9.626	0.000	0.000	0.000	0.000	0.000	0.243	0.000
AS	10656.000	9.626	0.000	9.626	0.000	0.000	0.000	0.000	0.000	-0.115	0.000
IF	10667.000	8.363	0.000	9.626	0.000	0.000	0.000	0.000	0.000	-0.003	0.000
IF	10674.000	9.577	0.000	9.626	0.000	0.000	0.000	0.000	0.000	0.105	0.000
IF	10679.000	9.626	0.000	9.626	0.000	0.000	0.000	0.000	0.000	0.010	0.000
AS	10683.000	9.626	0.000	9.626	0.000	0.000	0.000	0.000	0.000	-0.187	0.000
IF	10691.000	8.133	0.000	9.626	0.000	0.000	0.000	0.000	0.000	-0.100	0.000
IF	10697.000	8.232	0.000	9.626	0.000	0.000	0.000	0.000	0.000	0.075	0.000
IF	10711.000	9.626	0.000	9.626	0.000	0.000	0.000	0.000	0.000	0.100	0.000
ET	0.000	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	END	FETCH	SURGE	ELEV	SURGE	ELEV	INITIAL	INITIAL		BOTTOM	AVERAGE
IE	STATION	ELEVATION	LENGTH	10-YEAR	100-YEAR	WAVE	HEIGHT	W.	PERIOD		SLOPE	A-ZONES
	0.000	-15.296	1.000	1.000	9.320		6.415		11.251	56.140	0.004	0.000
OF	END	END	NEW	SURGE	NEW						BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR							SLOPE	A-ZONES
	1.000	-15.292	0.000	9.320	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000
OF	END	END	NEW	SURGE	NEW						BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR							SLOPE	A-ZONES
	2.000	-15.288	0.000	9.320	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000
OF	END	END	NEW	SURGE	NEW						BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR							SLOPE	A-ZONES
	13.000	-15.247	0.000	9.320	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000
OF	END	END	NEW	SURGE	NEW						BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR							SLOPE	A-ZONES
	14.000	-15.243	0.000	9.320	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000
OF	END	END	NEW	SURGE	NEW						BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR							SLOPE	A-ZONES
	25.000	-15.201	0.000	9.320	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000
OF	END	END	NEW	SURGE	NEW						BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR							SLOPE	A-ZONES
	26.000	-15.197	0.000	9.320	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000
OF	END	END	NEW	SURGE	NEW						BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR							SLOPE	A-ZONES
	37.000	-15.155	0.000	9.320	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000
	END	END	NEW	SURGE	NEW						BOTTOM	AVERAGE

	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	38.000	-15.152	0.000	9.320	0.000	0.000	0.000	0.000	0.018	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	49.000	-14.942	0.000	9.320	0.000	0.000	0.000	0.000	0.021	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	50.000	-14.900	0.000	9.320	0.000	0.000	0.000	0.000	0.041	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	61.000	-14.444	0.000	9.320	0.000	0.000	0.000	0.000	0.041	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	62.000	-14.402	0.000	9.320	0.000	0.000	0.000	0.000	0.041	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	73.000	-13.946	0.000	9.321	0.000	0.000	0.000	0.000	0.041	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	74.000	-13.905	0.000	9.321	0.000	0.000	0.000	0.000	0.041	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	85.000	-13.448	0.000	9.321	0.000	0.000	0.000	0.000	0.041	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	86.000	-13.407	0.000	9.321	0.000	0.000	0.000	0.000	0.048	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	97.000	-12.867	0.000	9.321	0.000	0.000	0.000	0.000	0.049	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	98.000	-12.815	0.000	9.321	0.000	0.000	0.000	0.000	0.051	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	109.000	-12.251	0.000	9.321	0.000	0.000	0.000	0.000	0.051	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	110.000	-12.200	0.000	9.321	0.000	0.000	0.000	0.000	0.051	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	133.000	-11.021	0.000	9.321	0.000	0.000	0.000	0.000	0.051	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	134.000	-10.970	0.000	9.321	0.000	0.000	0.000	0.000	0.051	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	157.000	-9.806	0.000	9.321	0.000	0.000	0.000	0.000	0.050	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	158.000	-9.771	0.000	9.321	0.000	0.000	0.000	0.000	0.040	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	181.000	-8.837	0.000	9.321	0.000	0.000	0.000	0.000	0.041	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	182.000	-8.785	0.000	9.321	0.000	0.000	0.000	0.000	0.053	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	205.000	-7.576	0.000	9.322	0.000	0.000	0.000	0.000	0.053	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	206.000	-7.523	0.000	9.322	0.000	0.000	0.000	0.000	0.057	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	465.900	7.361	0.000	9.564	0.000	0.000	0.000	0.000	0.064	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	469.200	9.327	0.000	10.096	0.000	0.000	0.000	0.000	0.667	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	470.000	10.096	0.000	10.096	0.000	0.000	0.000	0.000	0.961	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
AS	1144.200	9.549	0.000	9.549	0.000	0.000	0.000	0.000	-0.134	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	1149.500	8.839	0.000	9.549	0.000	0.000	0.000	0.000	-0.032	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	1161.500	8.999	0.000	9.549	0.000	0.000	0.000	0.000	-0.024	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	1171.500	8.310	0.000	9.549	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	1183.000	8.409	0.000	9.549	0.000	0.000	0.000	0.000	0.000	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	1189.500	8.310	0.000	9.549	0.000	0.000	0.000	0.000	-0.012	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	1205.500	8.150	0.000	9.549	0.000	0.000	0.000	0.000	-0.015	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	1209.500	8.015	0.000	9.549	0.000	0.000	0.000	0.000	-0.021	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	1422.000	3.684	0.000	9.533	0.000	0.000	0.000	0.000	0.006	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	1462.900	9.533	0.000	9.533	0.000	0.000	0.000	0.000	0.143	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE

	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
AS	1547.500	9.569	0.000	9.569	0.000	0.000	0.000	0.000	-0.421	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1555.000	6.407	0.000	9.569	0.000	0.000	0.000	0.000	-0.126	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1585.500	4.767	0.000	9.569	0.000	0.000	0.000	0.000	-0.041	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1593.000	4.865	0.000	9.569	0.000	0.000	0.000	0.000	0.001	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1634.500	4.833	0.000	9.567	0.000	0.000	0.000	0.000	0.002	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1651.000	4.997	0.000	9.564	0.000	0.000	0.000	0.000	-0.006	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1678.500	4.570	0.000	9.555	0.000	0.000	0.000	0.000	-0.011	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1697.500	4.505	0.000	9.549	0.000	0.000	0.000	0.000	0.007	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1724.000	4.898	0.000	9.543	0.000	0.000	0.000	0.000	0.019	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1784.000	6.112	0.000	9.544	0.000	0.000	0.000	0.000	0.020	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1794.000	6.276	0.000	9.546	0.000	0.000	0.000	0.000	-0.008	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1813.500	5.883	0.000	9.547	0.000	0.000	0.000	0.000	0.067	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1842.900	9.544	0.000	9.544	0.000	0.000	0.000	0.000	0.124	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
AS	1895.100	9.530	0.000	9.530	0.000	0.000	0.000	0.000	-0.191	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1915.000	5.719	0.000	9.530	0.000	0.000	0.000	0.000	-0.089	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1947.000	4.931	0.000	9.525	0.000	0.000	0.000	0.000	-0.010	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1956.500	5.292	0.000	9.524	0.000	0.000	0.000	0.000	0.015	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1986.000	5.522	0.000	9.519	0.000	0.000	0.000	0.000	0.001	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	2002.500	5.358	0.000	9.518	0.000	0.000	0.000	0.000	-0.009	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	2021.500	5.194	0.000	9.518	0.000	0.000	0.000	0.000	-0.007	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	2030.500	5.161	0.000	9.518	0.000	0.000	0.000	0.000	-0.004	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	2072.500	4.964	0.000	9.517	0.000	0.000	0.000	0.000	0.007	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	2083.500	5.522	0.000	9.516	0.000	0.000	0.000	0.000	0.011	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	2112.000	5.390	0.000	9.515	0.000	0.000	0.000	0.000	-0.005	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	2131.000	5.259	0.000	9.515	0.000	0.000	0.000	0.000	0.004	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	2149.500	5.528	0.000	9.514	0.000	0.000	0.000	0.000	0.025	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	2200.000	6.975	0.000	9.514	0.000	0.000	0.000	0.000	0.042	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	2229.000	8.839	0.000	9.514	0.000	0.000	0.000	0.000	0.071	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	2236.000	9.514	0.000	9.514	0.000	0.000	0.000	0.000	0.097	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
AS	3671.200	9.547	0.000	9.547	0.000	0.000	0.000	0.000	-0.129	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	3681.000	8.281	0.000	9.547	0.000	0.000	0.000	0.000	-0.025	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	3706.000	8.675	0.000	9.547	0.000	0.000	0.000	0.000	0.007	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	3725.500	8.612	0.000	9.546	0.000	0.000	0.000	0.000	-0.014	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	3741.500	8.186	0.000	9.544	0.000	0.000	0.000	0.000	-0.023	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE

	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	3758.000	7.854	0.000	9.543	0.000	0.000	0.000	0.000	-0.047	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	3768.500	6.906	0.000	9.542	0.000	0.000	0.000	0.000	-0.103	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	3777.500	5.850	0.000	9.541	0.000	0.000	0.000	0.000	-0.049	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	3792.500	5.719	0.000	9.540	0.000	0.000	0.000	0.000	-0.022	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	3806.000	5.226	0.000	9.538	0.000	0.000	0.000	0.000	-0.017	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	3819.000	5.259	0.000	9.536	0.000	0.000	0.000	0.000	0.051	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	3833.500	6.637	0.000	9.534	0.000	0.000	0.000	0.000	0.032	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	3846.500	6.145	0.000	9.533	0.000	0.000	0.000	0.000	-0.009	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	3871.500	6.309	0.000	9.528	0.000	0.000	0.000	0.000	0.012	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	3883.000	6.571	0.000	9.525	0.000	0.000	0.000	0.000	-0.004	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	3901.000	6.178	0.000	9.521	0.000	0.000	0.000	0.000	-0.026	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	3919.000	5.620	0.000	9.517	0.000	0.000	0.000	0.000	-0.028	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	3957.000	4.603	0.000	9.513	0.000	0.000	0.000	0.000	-0.016	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	3964.000	4.898	0.000	9.513	0.000	0.000	0.000	0.000	-0.030	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	4145.000	-1.017	0.000	9.509	0.000	0.000	0.000	0.000	-0.032	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	4146.000	-1.015	0.000	9.509	0.000	0.000	0.000	0.000	-0.010	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	4336.000	-2.984	0.000	9.512	0.000	0.000	0.000	0.000	-0.009	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	4363.000	-2.980	0.000	9.513	0.000	0.000	0.000	0.000	0.005	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	4410.000	-2.599	0.000	9.513	0.000	0.000	0.000	0.000	0.007	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	4476.000	-2.136	0.000	9.514	0.000	0.000	0.000	0.000	0.007	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	4477.000	-2.134	0.000	9.514	0.000	0.000	0.000	0.000	0.041	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	4636.000	4.337	0.000	9.516	0.000	0.000	0.000	0.000	0.038	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	4652.000	4.567	0.000	9.516	0.000	0.000	0.000	0.000	0.012	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	4701.000	5.125	0.000	9.517	0.000	0.000	0.000	0.000	0.008	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	4709.000	5.026	0.000	9.517	0.000	0.000	0.000	0.000	0.008	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	4736.500	5.420	0.000	9.517	0.000	0.000	0.000	0.000	0.004	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	4752.500	5.190	0.000	9.518	0.000	0.000	0.000	0.000	0.001	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	4796.500	5.486	0.000	9.518	0.000	0.000	0.000	0.000	0.002	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	4811.000	5.321	0.000	9.518	0.000	0.000	0.000	0.000	0.004	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	4837.500	5.650	0.000	9.518	0.000	0.000	0.000	0.000	-0.005	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	4844.500	5.157	0.000	9.519	0.000	0.000	0.000	0.000	-0.025	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	4866.000	4.928	0.000	9.521	0.000	0.000	0.000	0.000	-0.006	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	4873.000	4.993	0.000	9.521	0.000	0.000	0.000	0.000	0.005	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	4897.000	5.092	0.000	9.523	0.000	0.000	0.000	0.000	-0.006	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE

	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	4904.500	4.797	0.000	9.524	0.000	0.000	0.000	0.000	0.006	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	4929.500	5.289	0.000	9.524	0.000	0.000	0.000	0.000	0.012	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	4941.000	5.223	0.000	9.524	0.000	0.000	0.000	0.000	-0.009	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	4975.500	4.862	0.000	9.524	0.000	0.000	0.000	0.000	0.007	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	4989.500	5.584	0.000	9.524	0.000	0.000	0.000	0.000	0.004	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	5020.000	5.059	0.000	9.525	0.000	0.000	0.000	0.000	-0.007	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	5050.500	5.190	0.000	9.526	0.000	0.000	0.000	0.000	0.007	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	5066.000	5.387	0.000	9.527	0.000	0.000	0.000	0.000	0.014	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	5079.000	5.584	0.000	9.528	0.000	0.000	0.000	0.000	-0.001	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	5107.500	5.354	0.000	9.530	0.000	0.000	0.000	0.000	-0.011	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	5122.500	5.125	0.000	9.531	0.000	0.000	0.000	0.000	-0.004	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	5139.000	5.223	0.000	9.533	0.000	0.000	0.000	0.000	0.009	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	5157.000	5.420	0.000	9.534	0.000	0.000	0.000	0.000	-0.011	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	5175.000	4.829	0.000	9.535	0.000	0.000	0.000	0.000	-0.019	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	5190.500	4.797	0.000	9.536	0.000	0.000	0.000	0.000	0.001	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	5226.000	4.895	0.000	9.536	0.000	0.000	0.000	0.000	0.017	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	5246.000	5.748	0.000	9.536	0.000	0.000	0.000	0.000	0.100	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	5272.200	9.536	0.000	9.536	0.000	0.000	0.000	0.000	0.145	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
AS	5329.900	9.535	0.000	9.535	0.000	0.000	0.000	0.000	-0.108	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	5342.500	8.179	0.000	9.535	0.000	0.000	0.000	0.000	-0.048	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	5361.500	8.012	0.000	9.531	0.000	0.000	0.000	0.000	-0.024	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	5383.000	7.192	0.000	9.531	0.000	0.000	0.000	0.000	-0.029	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	5422.500	6.276	0.000	9.531	0.000	0.000	0.000	0.000	0.037	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	5446.200	9.531	0.000	9.531	0.000	0.000	0.000	0.000	0.137	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
AS	6497.100	9.626	0.000	9.626	0.000	0.000	0.000	0.000	-0.161	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	6526.500	4.895	0.000	9.626	0.000	0.000	0.000	0.000	-0.106	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	6539.000	5.190	0.000	9.626	0.000	0.000	0.000	0.000	0.017	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	6568.500	5.617	0.000	9.625	0.000	0.000	0.000	0.000	0.019	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	6573.000	5.850	0.000	9.625	0.000	0.000	0.000	0.000	-0.003	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	6610.500	5.486	0.000	9.624	0.000	0.000	0.000	0.000	0.011	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	6640.000	6.568	0.000	9.623	0.000	0.000	0.000	0.000	0.003	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	6664.000	5.650	0.000	9.622	0.000	0.000	0.000	0.000	-0.016	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	6676.000	5.978	0.000	9.621	0.000	0.000	0.000	0.000	0.006	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	6698.500	5.846	0.000	9.620	0.000	0.000	0.000	0.000	-0.014	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE

	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	6711.500	5.486	0.000	9.620	0.000	0.000	0.000	0.000	0.043	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	6731.500	7.257	0.000	9.620	0.000	0.000	0.000	0.000	0.074	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	6749.500	8.307	0.000	9.619	0.000	0.000	0.000	0.000	0.081	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	6760.600	9.619	0.000	9.619	0.000	0.000	0.000	0.000	0.118	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
AS	6905.800	9.617	0.000	9.617	0.000	0.000	0.000	0.000	0.105	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	6926.000	7.490	0.000	9.617	0.000	0.000	0.000	0.000	0.073	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	6946.000	6.700	0.000	9.617	0.000	0.000	0.000	0.000	0.029	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	6972.000	6.142	0.000	9.617	0.000	0.000	0.000	0.000	0.009	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	6978.000	6.404	0.000	9.617	0.000	0.000	0.000	0.000	0.028	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	6997.500	5.420	0.000	9.617	0.000	0.000	0.000	0.000	0.024	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	7009.000	5.650	0.000	9.617	0.000	0.000	0.000	0.000	0.008	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	7026.500	5.650	0.000	9.617	0.000	0.000	0.000	0.000	0.026	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	7053.500	6.798	0.000	9.617	0.000	0.000	0.000	0.000	0.079	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	7064.500	8.668	0.000	9.617	0.000	0.000	0.000	0.000	0.152	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	7072.100	9.617	0.000	9.617	0.000	0.000	0.000	0.000	0.125	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
AS	7459.500	9.613	0.000	9.613	0.000	0.000	0.000	0.000	0.075	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	7468.500	8.934	0.000	9.613	0.000	0.000	0.000	0.000	0.000	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	7477.200	9.613	0.000	9.613	0.000	0.000	0.000	0.000	0.078	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
AS	7482.400	9.613	0.000	9.613	0.000	0.000	0.000	0.000	0.224	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	7488.500	8.245	0.000	9.613	0.000	0.000	0.000	0.000	0.195	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	7499.000	6.371	0.000	9.613	0.000	0.000	0.000	0.000	0.068	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	7515.000	6.437	0.000	9.613	0.000	0.000	0.000	0.000	0.022	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	7540.000	5.453	0.000	9.613	0.000	0.000	0.000	0.000	0.028	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	7546.500	5.551	0.000	9.613	0.000	0.000	0.000	0.000	0.011	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	7589.500	6.007	0.000	9.612	0.000	0.000	0.000	0.000	0.010	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	7599.500	6.106	0.000	9.612	0.000	0.000	0.000	0.000	0.013	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	7619.000	5.614	0.000	9.612	0.000	0.000	0.000	0.000	0.027	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	7626.500	5.384	0.000	9.612	0.000	0.000	0.000	0.000	0.010	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	7689.000	4.892	0.000	9.610	0.000	0.000	0.000	0.000	0.009	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	7699.500	4.760	0.000	9.610	0.000	0.000	0.000	0.000	0.007	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	7728.000	4.629	0.000	9.610	0.000	0.000	0.000	0.000	0.002	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	7741.000	4.859	0.000	9.610	0.000	0.000	0.000	0.000	0.004	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	7762.000	4.760	0.000	9.610	0.000	0.000	0.000	0.000	0.009	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	7776.000	4.531	0.000	9.610	0.000	0.000	0.000	0.000	0.016	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE





	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
IF	9324.500	4.035	0.000	9.619	0.000	0.000	0.000	0.000	0.001	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	9357.500	4.101	0.000	9.619	0.000	0.000	0.000	0.000	0.000	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
IF	9365.500	4.035	0.000	9.619	0.000	0.000	0.000	0.000	-0.006	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	9395.500	3.871	0.000	9.618	0.000	0.000	0.000	0.000	0.002	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	9407.000	4.134	0.000	9.618	0.000	0.000	0.000	0.000	0.004	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	9432.000	4.003	0.000	9.617	0.000	0.000	0.000	0.000	0.002	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	9443.000	4.200	0.000	9.618	0.000	0.000	0.000	0.000	0.022	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	9483.500	5.151	0.000	9.618	0.000	0.000	0.000	0.000	0.002	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	9489.500	4.298	0.000	9.618	0.000	0.000	0.000	0.000	-0.036	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	9521.500	3.773	0.000	9.619	0.000	0.000	0.000	0.000	-0.014	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	9528.000	3.740	0.000	9.619	0.000	0.000	0.000	0.000	-0.023	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
OF	9689.000	0.000	0.000	9.620	0.000	0.000	0.000	0.000	-0.006	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	9747.500	2.395	0.000	9.620	0.000	0.000	0.000	0.000	-0.025	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
OF	9913.000	-5.594	0.000	9.622	0.000	0.000	0.000	0.000	-0.042	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
OF	9938.000	-5.672	0.000	9.621	0.000	0.000	0.000	0.000	-0.003	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
OF	9939.000	-5.672	0.000	9.621	0.000	0.000	0.000	0.000	0.000	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
OF	9986.000	-5.668	0.000	9.621	0.000	0.000	0.000	0.000	0.000	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
OF	9987.000	-5.668	0.000	9.621	0.000	0.000	0.000	0.000	0.046	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
OF	10071.000	-1.786	0.000	9.621	0.000	0.000	0.000	0.000	0.060	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	10153.000	4.298	0.000	9.621	0.000	0.000	0.000	0.000	0.052	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	10188.000	4.331	0.000	9.622	0.000	0.000	0.000	0.000	0.004	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	10198.000	4.462	0.000	9.622	0.000	0.000	0.000	0.000	0.011	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	10223.000	4.724	0.000	9.623	0.000	0.000	0.000	0.000	-0.001	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	10234.000	4.429	0.000	9.623	0.000	0.000	0.000	0.000	-0.002	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	10266.000	4.659	0.000	9.623	0.000	0.000	0.000	0.000	0.009	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	10281.000	4.856	0.000	9.623	0.000	0.000	0.000	0.000	0.006	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	10314.000	4.954	0.000	9.624	0.000	0.000	0.000	0.000	0.005	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	10324.000	5.085	0.000	9.624	0.000	0.000	0.000	0.000	0.027	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	10343.000	5.741	0.000	9.624	0.000	0.000	0.000	0.000	0.011	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	10361.000	5.479	0.000	9.625	0.000	0.000	0.000	0.000	-0.006	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	10383.000	5.512	0.000	9.625	0.000	0.000	0.000	0.000	0.008	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	10390.000	5.709	0.000	9.625	0.000	0.000	0.000	0.000	0.006	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	10415.000	5.709	0.000	9.626	0.000	0.000	0.000	0.000	0.004	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	10433.000	5.873	0.000	9.626	0.000	0.000	0.000	0.000	0.045	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	

IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	10444.000	7.021	0.000	9.626	0.000	0.000	0.000	0.000	0.040	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	10459.000	6.923	0.000	9.626	0.000	0.000	0.000	0.000	-0.009	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	10474.000	6.759	0.000	9.626	0.000	0.000	0.000	0.000	-0.011	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	10490.000	6.595	0.000	9.626	0.000	0.000	0.000	0.000	0.024	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	10505.000	7.513	0.000	9.626	0.000	0.000	0.000	0.000	0.064	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	10516.000	8.268	0.000	9.626	0.000	0.000	0.000	0.000	0.036	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	10525.000	8.235	0.000	9.626	0.000	0.000	0.000	0.000	0.009	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	10535.000	8.432	0.000	9.626	0.000	0.000	0.000	0.000	0.024	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	10549.000	8.822	0.000	9.626	0.000	0.000	0.000	0.000	-0.045	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	10582.000	6.296	0.000	9.626	0.000	0.000	0.000	0.000	-0.046	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	10591.000	6.886	0.000	9.626	0.000	0.000	0.000	0.000	0.131	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	10605.000	9.314	0.000	9.626	0.000	0.000	0.000	0.000	0.098	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	10619.000	9.626	0.000	9.626	0.000	0.000	0.000	0.000	0.022	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
AS	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	10632.000	9.626	0.000	9.626	0.000	0.000	0.000	0.000	-0.209	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	10639.000	8.166	0.000	9.626	0.000	0.000	0.000	0.000	0.000	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	10645.000	9.626	0.000	9.626	0.000	0.000	0.000	0.000	0.243	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
AS	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	10656.000	9.626	0.000	9.626	0.000	0.000	0.000	0.000	-0.115	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	10667.000	8.363	0.000	9.626	0.000	0.000	0.000	0.000	-0.003	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	10674.000	9.577	0.000	9.626	0.000	0.000	0.000	0.000	0.105	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	10679.000	9.626	0.000	9.626	0.000	0.000	0.000	0.000	0.010	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
AS	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	10683.000	9.626	0.000	9.626	0.000	0.000	0.000	0.000	-0.187	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	10691.000	8.133	0.000	9.626	0.000	0.000	0.000	0.000	-0.100	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	10697.000	8.232	0.000	9.626	0.000	0.000	0.000	0.000	0.075	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	10711.000	9.626	0.000	9.626	0.000	0.000	0.000	0.000	0.100	0.000

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

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

1

PART2: CONTROLLING WAVE HEIGHTS, SPECTRAL PEAK WAVE PERIOD, AND WAVE CREST ELEVATIONS			
LOCATION		CONTROLLING WAVE HEIGHT	SPECTRAL PEAK WAVE PERIOD
			WAVE CREST ELEVATION
IE	0.00	6.41	11.25
OF	1.00	6.42	11.25
OF	2.00	6.42	11.25
OF	13.00	6.42	11.25
OF	14.00	6.42	11.25
OF	25.00	6.43	11.25
OF	26.00	6.43	11.25
OF	37.00	6.44	11.25
OF	38.00	6.44	11.25
OF	49.00	6.46	11.25
OF	50.00	6.46	11.25
OF	61.00	6.50	11.25
OF	62.00	6.50	11.25
OF	73.00	6.55	11.25
OF	74.00	6.55	11.25
OF	85.00	6.59	11.25
OF	86.00	6.60	11.25
OF	97.00	6.65	11.25
OF	98.00	6.65	11.25
OF	109.00	6.71	11.25
OF	110.00	6.72	11.25
OF	133.00	6.85	11.25
OF	134.00	6.85	11.25

OF	157.00	6.99	11.25	14.22
OF	158.00	7.00	11.25	14.22
OF	181.00	7.12	11.25	14.31
OF	182.00	7.13	11.25	14.31
OF	205.00	7.31	11.25	14.44
OF	206.00	7.32	11.25	14.44
	309.96	7.45	11.25	14.63
	413.92	3.95	11.25	12.28
IF	465.90	1.71	11.25	10.76
IF	469.20	0.60	11.25	10.52
IF	470.00	0.01	11.25	10.10
AS	1144.20	0.00	0.00	9.55
IF	1149.50	0.05	0.25	9.58
IF	1161.50	0.10	0.37	9.62
IF	1171.50	0.13	0.42	9.64
IF	1183.00	0.17	0.48	9.67
IF	1189.50	0.18	0.50	9.68
IF	1205.50	0.22	0.55	9.71
IF	1209.50	0.23	0.57	9.71
	1315.75	0.44	0.78	9.85
IF	1422.00	0.61	0.91	9.96
IF	1462.90	0.01	0.96	9.54
AS	1547.50	0.00	0.00	9.57
IF	1555.00	0.06	0.28	9.61
IF	1585.50	0.16	0.47	9.68
IF	1593.00	0.18	0.50	9.70
IF	1634.50	0.28	0.62	9.77
IF	1651.00	0.32	0.66	9.79
IF	1678.50	0.37	0.71	9.82
IF	1697.50	0.41	0.75	9.83
IF	1724.00	0.45	0.79	9.86
IF	1784.00	0.55	0.87	9.93
IF	1794.00	0.57	0.88	9.94
IF	1813.50	0.59	0.90	9.96
IF	1842.90	0.01	0.93	9.55
AS	1895.10	0.00	0.00	9.53
IF	1915.00	0.11	0.38	9.60
IF	1947.00	0.20	0.52	9.67
IF	1956.50	0.22	0.55	9.68
IF	1986.00	0.29	0.63	9.72
IF	2002.50	0.33	0.67	9.75
IF	2021.50	0.36	0.70	9.77
IF	2030.50	0.38	0.72	9.78
IF	2072.50	0.45	0.79	9.84
IF	2083.50	0.47	0.80	9.85
IF	2112.00	0.52	0.84	9.88
IF	2131.00	0.55	0.87	9.90
IF	2149.50	0.58	0.89	9.92
IF	2200.00	0.65	0.94	9.97
IF	2229.00	0.42	0.97	9.81
IF	2236.00	0.01	0.98	9.52
AS	3671.20	0.00	0.00	9.55
IF	3681.00	0.07	0.30	9.59
IF	3706.00	0.15	0.46	9.66
IF	3725.50	0.21	0.53	9.69
IF	3741.50	0.25	0.58	9.72
IF	3758.00	0.28	0.62	9.74
IF	3768.50	0.30	0.65	9.76
IF	3777.50	0.32	0.66	9.77
IF	3792.50	0.35	0.69	9.79
IF	3806.00	0.38	0.72	9.80
IF	3819.00	0.40	0.74	9.82
IF	3833.50	0.43	0.76	9.83
IF	3846.50	0.45	0.78	9.85
IF	3871.50	0.49	0.82	9.87
IF	3883.00	0.51	0.84	9.88
IF	3901.00	0.54	0.86	9.90
IF	3919.00	0.57	0.88	9.91
IF	3957.00	0.62	0.92	9.95
IF	3964.00	0.63	0.93	9.96
	4090.70	0.81	1.05	10.07
OF	4145.00	0.87	1.09	10.12
OF	4146.00	0.87	1.09	10.12
	4279.00	1.03	1.19	10.23
OF	4336.00	1.09	1.22	10.28
OF	4363.00	1.12	1.24	10.30
OF	4410.00	1.17	1.27	10.33
OF	4476.00	1.24	1.30	10.38
OF	4477.00	1.24	1.30	10.38
	4588.30	1.35	1.36	10.46
IF	4636.00	1.39	1.38	10.49
IF	4652.00	1.40	1.39	10.50
IF	4701.00	1.43	1.41	10.52
IF	4709.00	1.44	1.42	10.52
IF	4736.50	1.44	1.43	10.53
IF	4752.50	1.47	1.44	10.54
IF	4796.50	1.48	1.45	10.56
IF	4811.00	1.50	1.46	10.57
IF	4837.50	1.50	1.47	10.57
IF	4844.50	1.52	1.47	10.59
IF	4866.00	1.55	1.48	10.61
IF	4873.00	1.55	1.49	10.61
IF	4897.00	1.57	1.50	10.62
IF	4904.50	1.59	1.50	10.63
IF	4929.50	1.59	1.51	10.64
IF	4941.00	1.60	1.51	10.64
IF	4975.50	1.64	1.53	10.67
IF	4989.50	1.60	1.53	10.65
IF	5020.00	1.65	1.54	10.68
IF	5050.50	1.67	1.55	10.70
IF	5066.00	1.67	1.56	10.69
IF	5079.00	1.65	1.56	10.68

IF	5107.50	1.70	1.57	10.72
IF	5122.50	1.72	1.58	10.74
IF	5139.00	1.73	1.59	10.74
IF	5157.00	1.71	1.59	10.73
IF	5175.00	1.77	1.60	10.78
IF	5190.50	1.79	1.60	10.79
IF	5226.00	1.81	1.62	10.80
IF	5246.00	1.72	1.62	10.74
IF	5272.20	0.01	1.63	9.54
AS	5329.90	0.00	0.00	9.53
IF	5342.50	0.08	0.33	9.59
IF	5361.50	0.14	0.44	9.63
IF	5383.00	0.20	0.53	9.67
IF	5422.50	0.30	0.63	9.74
IF	5446.20	0.01	0.68	9.54
AS	6497.10	0.00	0.00	9.63
IF	6526.50	0.14	0.43	9.72
IF	6539.00	0.17	0.49	9.75
IF	6568.50	0.25	0.58	9.80
IF	6573.00	0.26	0.59	9.81
IF	6610.50	0.34	0.68	9.86
IF	6640.00	0.39	0.73	9.90
IF	6664.00	0.44	0.77	9.93
IF	6676.00	0.46	0.79	9.94
IF	6698.50	0.49	0.82	9.97
IF	6711.50	0.52	0.84	9.98
IF	6731.50	0.55	0.86	10.00
IF	6749.50	0.54	0.89	9.99
IF	6760.60	0.01	0.90	9.62
AS	6905.80	0.00	0.00	9.62
IF	6926.00	0.11	0.38	9.69
IF	6946.00	0.17	0.48	9.74
IF	6972.00	0.24	0.57	9.78
IF	6978.00	0.25	0.58	9.79
IF	6997.50	0.29	0.63	9.82
IF	7009.00	0.32	0.66	9.84
IF	7026.50	0.35	0.69	9.86
IF	7053.50	0.40	0.74	9.90
IF	7064.50	0.39	0.76	9.89
IF	7072.10	0.01	0.77	9.62
AS	7459.50	0.00	0.00	9.61
IF	7468.50	0.06	0.30	9.66
IF	7477.20	0.01	0.37	9.62
AS	7482.40	0.00	0.00	9.61
IF	7488.50	0.05	0.26	9.65
IF	7499.00	0.10	0.36	9.68
IF	7515.00	0.15	0.45	9.72
IF	7540.00	0.22	0.54	9.76
IF	7546.50	0.23	0.56	9.77
IF	7589.50	0.33	0.67	9.84
IF	7599.50	0.35	0.69	9.85
IF	7619.00	0.38	0.72	9.88
IF	7626.50	0.40	0.74	9.89
IF	7689.00	0.50	0.83	9.96
IF	7699.50	0.52	0.84	9.97
IF	7728.00	0.56	0.88	10.01
IF	7741.00	0.58	0.89	10.02
IF	7762.00	0.62	0.92	10.04
IF	7776.00	0.64	0.93	10.05
IF	7820.00	0.70	0.98	10.10
IF	7832.00	0.71	0.99	10.11
IF	7875.00	0.77	1.03	10.15
IF	7884.50	0.78	1.03	10.16
	8039.55	0.97	1.15	10.29
OF	8106.00	1.05	1.20	10.34
IF	8170.50	1.11	1.24	10.38
IF	8177.00	1.12	1.24	10.39
OF	8292.00	1.25	1.30	10.48
IF	8295.50	1.25	1.31	10.48
IF	8353.50	1.30	1.34	10.52
IF	8440.00	1.38	1.38	10.58
	8611.50	1.55	1.46	10.70
OF	8685.00	1.62	1.49	10.74
OF	8686.00	1.62	1.49	10.74
OF	8709.00	1.64	1.50	10.76
OF	8710.00	1.64	1.50	10.76
OF	8733.00	1.66	1.51	10.77
OF	8734.00	1.66	1.51	10.77
OF	8757.00	1.68	1.52	10.79
OF	8758.00	1.68	1.52	10.79
OF	8781.00	1.70	1.53	10.80
OF	8782.00	1.70	1.53	10.81
OF	8806.00	1.73	1.54	10.82
OF	8818.00	1.74	1.54	10.83
OF	8842.00	1.76	1.55	10.84
OF	8854.00	1.77	1.55	10.85
OF	8947.00	1.85	1.59	10.91
OF	8949.00	1.85	1.59	10.91
	9071.85	1.93	1.63	10.97
IF	9124.50	1.90	1.65	10.95
IF	9154.50	1.93	1.66	10.97
IF	9173.50	1.94	1.66	10.98
IF	9205.50	1.98	1.67	11.00
IF	9233.50	2.01	1.68	11.02
IF	9249.50	1.99	1.69	11.01
IF	9316.00	2.04	1.71	11.05
IF	9324.50	2.04	1.71	11.05
IF	9357.50	2.06	1.72	11.06
IF	9365.50	2.07	1.72	11.07
IF	9395.50	2.09	1.73	11.08
IF	9407.00	2.09	1.74	11.08
IF	9432.00	2.11	1.74	11.09

IF	9443.00	2.11	1.75	11.09
IF	9483.50	2.02	1.76	11.03
IF	9489.50	2.11	1.76	11.10
IF	9521.50	2.15	1.77	11.13
IF	9528.00	2.16	1.77	11.13
	9640.70	2.28	1.80	11.22
OF	9689.00	2.32	1.81	11.24
IF	9747.50	2.32	1.83	11.24
	9863.35	2.42	1.86	11.32
OF	9913.00	2.45	1.87	11.34
OF	9938.00	2.46	1.88	11.35
OF	9939.00	2.46	1.88	11.35
OF	9986.00	2.49	1.89	11.37
OF	9987.00	2.49	1.89	11.37
OF	10071.00	2.54	1.91	11.40
IF	10153.00	2.38	1.93	11.29
IF	10188.00	2.39	1.94	11.30
IF	10198.00	2.39	1.94	11.29
IF	10223.00	2.38	1.95	11.29
IF	10234.00	2.40	1.95	11.30
IF	10266.00	2.40	1.96	11.30
IF	10281.00	2.37	1.96	11.28
IF	10314.00	2.35	1.97	11.27
IF	10324.00	2.33	1.97	11.25
IF	10343.00	2.15	1.97	11.13
IF	10361.00	2.16	1.98	11.14
IF	10383.00	2.17	1.98	11.14
IF	10390.00	2.16	1.98	11.14
IF	10415.00	2.17	1.99	11.15
IF	10433.00	2.12	1.99	11.11
IF	10444.00	1.65	2.00	10.78
IF	10459.00	1.65	2.00	10.78
IF	10474.00	1.66	2.00	10.79
IF	10490.00	1.70	2.01	10.81
IF	10505.00	1.40	2.01	10.61
IF	10516.00	0.96	2.01	10.30
IF	10525.00	0.96	2.01	10.30
IF	10535.00	0.85	2.01	10.22
IF	10549.00	0.59	2.02	10.04
IF	10582.00	0.60	2.03	10.04
IF	10591.00	0.63	2.03	10.06
IF	10605.00	0.24	2.03	9.79
IF	10619.00	0.01	2.03	9.63
AS	10632.00	0.00	0.00	9.63
IF	10639.00	0.05	0.27	9.66
IF	10645.00	0.01	0.33	9.63
AS	10656.00	0.00	0.00	9.63
IF	10667.00	0.07	0.32	9.68
IF	10674.00	0.03	0.37	9.65
IF	10679.00	0.01	0.40	9.63
AS	10683.00	0.00	0.00	9.63
IF	10691.00	0.06	0.28	9.67
IF	10697.00	0.09	0.34	9.69
IF	10711.00	0.01	0.43	9.63

PART3 LOCATION OF AREAS ABOVE 100-YEAR SURGE

BETWEEN	470.00	AND	1144.20
BETWEEN	1462.90	AND	1547.50
BETWEEN	1842.90	AND	1895.10
BETWEEN	2236.00	AND	3671.20
BETWEEN	5272.20	AND	5329.90
BETWEEN	5446.20	AND	6497.10
BETWEEN	6760.60	AND	6905.80
BETWEEN	7072.10	AND	7459.50
BETWEEN	7477.20	AND	7482.40
BETWEEN	10619.00	AND	10632.00
BETWEEN	10645.00	AND	10656.00
BETWEEN	10679.00	AND	10683.00

PART4 LOCATION OF SURGE CHANGES

STATION	10-YEAR SURGE	100-YEAR SURGE
73.00	1.00	9.32
205.00	1.00	9.32
465.90	1.00	9.56
469.20	1.00	10.10
1144.20	1.00	9.55
1422.00	1.00	9.53
1547.50	1.00	9.57
1634.50	1.00	9.57
1651.00	1.00	9.56
1678.50	1.00	9.56
1697.50	1.00	9.55
1724.00	1.00	9.54
1784.00	1.00	9.54
1794.00	1.00	9.55
1813.50	1.00	9.55
1842.90	1.00	9.54
1895.10	1.00	9.53
1947.00	1.00	9.52
1956.50	1.00	9.52
1986.00	1.00	9.52
2002.50	1.00	9.52
2072.50	1.00	9.52
2083.50	1.00	9.52
2112.00	1.00	9.52
2149.50	1.00	9.51
3671.20	1.00	9.55
3725.50	1.00	9.55
3741.50	1.00	9.54
3758.00	1.00	9.54
3768.50	1.00	9.54
3777.50	1.00	9.54
3792.50	1.00	9.54
3806.00	1.00	9.54

3819.00	1.00	9.54
3833.50	1.00	9.53
3846.50	1.00	9.53
3871.50	1.00	9.53
3883.00	1.00	9.52
3901.00	1.00	9.52
3919.00	1.00	9.52
3957.00	1.00	9.51
4145.00	1.00	9.51
4336.00	1.00	9.51
4363.00	1.00	9.51
4476.00	1.00	9.51
4636.00	1.00	9.52
4701.00	1.00	9.52
4752.50	1.00	9.52
4844.50	1.00	9.52
4866.00	1.00	9.52
4897.00	1.00	9.52
4904.50	1.00	9.52
5020.00	1.00	9.52
5050.50	1.00	9.53
5066.00	1.00	9.53
5079.00	1.00	9.53
5107.50	1.00	9.53
5122.50	1.00	9.53
5139.00	1.00	9.53
5157.00	1.00	9.53
5175.00	1.00	9.53
5190.50	1.00	9.54
5329.90	1.00	9.53
5361.50	1.00	9.53
6497.10	1.00	9.63
6568.50	1.00	9.62
6610.50	1.00	9.62
6640.00	1.00	9.62
6664.00	1.00	9.62
6676.00	1.00	9.62
6698.50	1.00	9.62
6749.50	1.00	9.62
6905.80	1.00	9.62
7459.50	1.00	9.61
7589.50	1.00	9.61
7689.00	1.00	9.61
8106.00	1.00	9.61
8292.00	1.00	9.61
8295.50	1.00	9.61
8353.50	1.00	9.61
8440.00	1.00	9.61
8685.00	1.00	9.61
8709.00	1.00	9.61
8757.00	1.00	9.61
8806.00	1.00	9.61
8854.00	1.00	9.61
9124.50	1.00	9.62
9173.50	1.00	9.62
9316.00	1.00	9.62
9395.50	1.00	9.62
9432.00	1.00	9.62
9443.00	1.00	9.62
9521.50	1.00	9.62
9689.00	1.00	9.62
9913.00	1.00	9.62
9938.00	1.00	9.62
10188.00	1.00	9.62
10223.00	1.00	9.62
10314.00	1.00	9.62
10361.00	1.00	9.62
10415.00	1.00	9.63

PART5 LOCATION OF V ZONES		LOCATION OF ZONE		
STATION OF GUTTER		WINDWARD		
PART6 NUMBERED A ZONES AND V ZONES				
STATION OF GUTTER	ELEVATION	ZONE DESIGNATION		FHF
0.00	13.81			
62.00	13.87	V23	EL=14	130
73.00	13.90	V23	EL=14	130
182.00	14.31	V23	EL=14	130
205.00	14.44	V23	EL=14	130
206.00	14.44	V23	EL=14	130
237.59	14.50	V23	EL=15	130
315.74	14.50	V23	EL=14	130
360.02	13.50	V23	EL=13	130
404.30	12.50	V23	EL=12	130
436.00	11.64	A19	EL=12	95
440.65	11.50	A19	EL=11	95
465.90	10.76	A19	EL=11	95
469.20	10.52	A19	EL=11	95
469.23	10.50			

470.00	10.10	A19	EL=10	95
1144.20	9.55			
1209.50	9.71	A19	EL=10	95
1422.00	9.96	A19	EL=10	95
1462.90	9.54	A19	EL=10	95
1547.50	9.57			
1593.00	9.70	A19	EL=10	95
1634.50	9.77	A19	EL=10	95
1651.00	9.79	A19	EL=10	95
1678.50	9.82	A19	EL=10	95
1697.50	9.83	A19	EL=10	95
1724.00	9.86	A19	EL=10	95
1784.00	9.93	A19	EL=10	95
1794.00	9.94	A19	EL=10	95
1813.50	9.96	A19	EL=10	95
1842.90	9.55			
1895.10	9.53	A19	EL=10	95
1915.00	9.60	A19	EL=10	95
1947.00	9.67	A19	EL=10	95
1956.50	9.68	A19	EL=10	95
1986.00	9.72	A19	EL=10	95
2002.50	9.75	A19	EL=10	95
2030.50	9.78	A19	EL=10	95
2072.50	9.84	A19	EL=10	95
2083.50	9.85	A19	EL=10	95
2112.00	9.88	A19	EL=10	95
2131.00	9.90	A19	EL=10	95
2149.50	9.92	A19	EL=10	95
2236.00	9.52			
3671.20	9.55	A19	EL=10	95
3706.00	9.66	A19	EL=10	95
3725.50	9.69	A19	EL=10	95
3741.50	9.72	A19	EL=10	95
3758.00	9.74	A19	EL=10	95
3768.50	9.76	A19	EL=10	95
3777.50	9.77	A19	EL=10	95
3792.50	9.79	A19	EL=10	95
3806.00	9.80	A19	EL=10	95
3819.00	9.82	A19	EL=10	95
3833.50	9.83	A19	EL=10	95
3846.50	9.85	A19	EL=10	95
3871.50	9.87	A19	EL=10	95
3883.00	9.88	A19	EL=10	95
3901.00	9.90	A19	EL=10	95
3919.00	9.91	A19	EL=10	95
3957.00	9.95	A19	EL=10	95
3964.00	9.96	A19	EL=10	95
4145.00	10.12	A19	EL=10	95
4146.00	10.12	A19	EL=10	95
4336.00	10.28	A19	EL=10	95
4363.00	10.30	A19	EL=10	95
4410.00	10.33	A19	EL=10	95
4476.00	10.38			



4477.00	10.38	A19	EL=10	95
4636.00	10.49	A19	EL=10	95
4652.00	10.50	A19	EL=10	95
4659.14	10.50	A19	EL=10	95
4701.00	10.52	A19	EL=11	95
4736.50	10.53	A19	EL=11	95
4752.50	10.54	A19	EL=11	95
4837.50	10.57	A19	EL=11	95
4844.50	10.59	A19	EL=11	95
4866.00	10.61	A19	EL=11	95
4873.00	10.61	A19	EL=11	95
4897.00	10.62	A19	EL=11	95
4904.50	10.63	A19	EL=11	95
4989.50	10.65	A19	EL=11	95
5020.00	10.68	A19	EL=11	95
5050.50	10.70	A19	EL=11	95
5066.00	10.69	A19	EL=11	95
5079.00	10.68	A19	EL=11	95
5107.50	10.72	A19	EL=11	95
5122.50	10.74	A19	EL=11	95
5139.00	10.74	A19	EL=11	95
5157.00	10.73	A19	EL=11	95
5175.00	10.78	A19	EL=11	95
5190.50	10.79	A19	EL=11	95
5251.23	10.50	A19	EL=10	95
5272.20	9.54			
5329.90	9.53			
5342.50	9.59	A19	EL=10	95
5361.50	9.63	A19	EL=10	95
5446.20	9.54	A19	EL=10	95
6497.10	9.63			
6539.00	9.75	A19	EL=10	95
6568.50	9.80	A19	EL=10	95
6573.00	9.81	A19	EL=10	95
6610.50	9.86	A19	EL=10	95
6640.00	9.90	A19	EL=10	95
6664.00	9.93	A19	EL=10	95
6676.00	9.94	A19	EL=10	95
6698.50	9.97	A19	EL=10	95
6731.50	10.00	A19	EL=10	95
6749.50	9.99	A19	EL=10	95
6760.60	9.62			
6905.80	9.62			
7072.10	9.62	A19	EL=10	95
7459.50	9.61			
7477.20	9.62			
7482.40	9.61	A19	EL=10	95
7546.50	9.77	A19	EL=10	95
7589.50	9.84	A19	EL=10	95
7626.50	9.89	A19	EL=10	95
7689.00	9.96	A19	EL=10	95
7884.50	10.16	A19	EL=10	95
8106.00	10.34	A19	EL=10	95

8177.00	10.39			
8292.00	10.48	A19	EL=10	95
8295.50	10.48	A19	EL=10	95
8326.53	10.50	A19	EL=10	95
8353.50	10.52	A19	EL=11	95
8440.00	10.58	A19	EL=11	95
8685.00	10.74	A19	EL=11	95
8686.00	10.74	A19	EL=11	95
8709.00	10.76	A19	EL=11	95
8734.00	10.77	A19	EL=11	95
8757.00	10.79	A19	EL=11	95
8782.00	10.81	A19	EL=11	95
8806.00	10.82	A19	EL=11	95
8842.00	10.84	A19	EL=11	95
8854.00	10.85	A19	EL=11	95
8949.00	10.91	A19	EL=11	95
9124.50	10.95	A19	EL=11	95
9154.50	10.97	A19	EL=11	95
9173.50	10.98	A19	EL=11	95
9249.50	11.01	A19	EL=11	95
9316.00	11.05	A19	EL=11	95
9365.50	11.07	A19	EL=11	95
9395.50	11.08	A19	EL=11	95
9407.00	11.08	A19	EL=11	95
9432.00	11.09	A19	EL=11	95
9443.00	11.09	A19	EL=11	95
9489.50	11.10	A19	EL=11	95
9521.50	11.13	A19	EL=11	95
9528.00	11.13	A19	EL=11	95
9689.00	11.24	A19	EL=11	95
9747.50	11.24	A19	EL=11	95
9913.00	11.34	A19	EL=11	95
9938.00	11.35	A19	EL=11	95
10153.00	11.29	A19	EL=11	95
10188.00	11.30	A19	EL=11	95
10198.00	11.29	A19	EL=11	95
10223.00	11.29	A19	EL=11	95
10281.00	11.28	A19	EL=11	95
10314.00	11.27	A19	EL=11	95
10343.00	11.13	A19	EL=11	95
10361.00	11.14	A19	EL=11	95
10390.00	11.14	A19	EL=11	95
10415.00	11.15	A19	EL=11	95
10508.76	10.50	A19	EL=11	95
10619.00	9.63	A19	EL=10	95
10632.00	9.63			
10645.00	9.63	A19	EL=10	95
10656.00	9.63			
10679.00	9.63	A19	EL=10	95
10683.00	9.63			
10711.00	9.63	A19	EL=10	95

ZONE TERMINATED AT END OF TRANSECT  
PART 7 POSTSCRIPT NOTES

PS# 1 START(384044.0247,4802269.5454)  
PS# 2 END(384031.5958,4805855.5198)

-1.000000e+00