

WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES (WHAFIS VERSION 4.0G, 08_2007)

Executed on: Thu Feb 6 16:14:34 2020

Input file: C:\Users\shayward\Desktop\Kittery\T2\3_whafis\whafis4\YK-15.dat

Output file: C:\Users\shayward\Desktop\Kittery\T2\3_whafis\whafis4\YK-15.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	-4.414	1.000	1.000	9.282	13.093	13.062	56.140	0.029	0.000
OF	3.300	-4.318	0.000	9.284	0.000	0.000	0.000	0.000	0.029	0.000
OF	6.600	-4.222	0.000	9.285	0.000	0.000	0.000	0.000	0.030	0.000
OF	9.800	-4.126	0.000	9.287	0.000	0.000	0.000	0.000	0.030	0.000
OF	13.100	-4.030	0.000	9.288	0.000	0.000	0.000	0.000	0.029	0.000
OF	16.400	-3.934	0.000	9.290	0.000	0.000	0.000	0.000	0.029	0.000
OF	19.700	-3.838	0.000	9.293	0.000	0.000	0.000	0.000	0.029	0.000
OF	23.000	-3.742	0.000	9.295	0.000	0.000	0.000	0.000	0.030	0.000
OF	26.200	-3.645	0.000	9.297	0.000	0.000	0.000	0.000	0.030	0.000
OF	29.500	-3.549	0.000	9.300	0.000	0.000	0.000	0.000	0.029	0.000
OF	32.800	-3.453	0.000	9.302	0.000	0.000	0.000	0.000	0.044	0.000
OF	36.100	-3.261	0.000	9.303	0.000	0.000	0.000	0.000	0.034	0.000
OF	39.400	-3.231	0.000	9.307	0.000	0.000	0.000	0.000	0.009	0.000
OF	42.700	-3.201	0.000	9.311	0.000	0.000	0.000	0.000	0.009	0.000
OF	45.900	-3.171	0.000	9.315	0.000	0.000	0.000	0.000	0.009	0.000
OF	49.200	-3.140	0.000	9.318	0.000	0.000	0.000	0.000	0.009	0.000
OF	52.500	-3.110	0.000	9.322	0.000	0.000	0.000	0.000	0.009	0.000
OF	55.800	-3.080	0.000	9.325	0.000	0.000	0.000	0.000	0.009	0.000
OF	59.100	-3.049	0.000	9.330	0.000	0.000	0.000	0.000	0.009	0.000
OF	62.300	-3.019	0.000	9.335	0.000	0.000	0.000	0.000	0.009	0.000
OF	65.600	-2.989	0.000	9.339	0.000	0.000	0.000	0.000	0.009	0.000
OF	68.900	-2.958	0.000	9.343	0.000	0.000	0.000	0.000	0.009	0.000
OF	72.200	-2.928	0.000	9.347	0.000	0.000	0.000	0.000	0.009	0.000
OF	75.500	-2.898	0.000	9.351	0.000	0.000	0.000	0.000	0.009	0.000
OF	78.700	-2.868	0.000	9.354	0.000	0.000	0.000	0.000	0.009	0.000
OF	82.000	-2.837	0.000	9.358	0.000	0.000	0.000	0.000	0.009	0.000
OF	85.300	-2.807	0.000	9.361	0.000	0.000	0.000	0.000	0.009	0.000
OF	88.600	-2.777	0.000	9.365	0.000	0.000	0.000	0.000	0.009	0.000
OF	91.900	-2.746	0.000	9.368	0.000	0.000	0.000	0.000	0.009	0.000
OF	95.100	-2.716	0.000	9.371	0.000	0.000	0.000	0.000	0.009	0.000
OF	98.400	-2.686	0.000	9.374	0.000	0.000	0.000	0.000	0.009	0.000
OF	101.700	-2.655	0.000	9.377	0.000	0.000	0.000	0.000	0.009	0.000
OF	105.000	-2.625	0.000	9.381	0.000	0.000	0.000	0.000	0.009	0.000
OF	108.300	-2.595	0.000	9.384	0.000	0.000	0.000	0.000	0.009	0.000
OF	111.500	-2.565	0.000	9.387	0.000	0.000	0.000	0.000	0.009	0.000
OF	114.800	-2.534	0.000	9.391	0.000	0.000	0.000	0.000	0.009	0.000
OF	118.100	-2.504	0.000	9.394	0.000	0.000	0.000	0.000	0.009	0.000
OF	121.400	-2.474	0.000	9.397	0.000	0.000	0.000	0.000	0.009	0.000
OF	124.700	-2.443	0.000	9.400	0.000	0.000	0.000	0.000	0.009	0.000
OF	128.000	-2.413	0.000	9.403	0.000	0.000	0.000	0.000	0.009	0.000
OF	131.200	-2.383	0.000	9.406	0.000	0.000	0.000	0.000	0.009	0.000
OF	134.500	-2.352	0.000	9.409	0.000	0.000	0.000	0.000	0.009	0.000
OF	137.800	-2.322	0.000	9.411	0.000	0.000	0.000	0.000	0.009	0.000
OF	141.100	-2.292	0.000	9.414	0.000	0.000	0.000	0.000	0.009	0.000
OF	144.400	-2.261	0.000	9.416	0.000	0.000	0.000	0.000	0.009	0.000
OF	147.600	-2.231	0.000	9.418	0.000	0.000	0.000	0.000	0.009	0.000
OF	150.900	-2.201	0.000	9.421	0.000	0.000	0.000	0.000	0.009	0.000
OF	154.200	-2.171	0.000	9.423	0.000	0.000	0.000	0.000	0.009	0.000
OF	157.500	-2.140	0.000	9.425	0.000	0.000	0.000	0.000	0.009	0.000
OF	160.800	-2.110	0.000	9.428	0.000	0.000	0.000	0.000	0.009	0.000
OF	164.000	-2.080	0.000	9.430	0.000	0.000	0.000	0.000	0.009	0.000
OF	167.300	-2.049	0.000	9.432	0.000	0.000	0.000	0.000	0.009	0.000
OF	170.600	-2.019	0.000	9.434	0.000	0.000	0.000	0.000	0.009	0.000
OF	173.900	-1.989	0.000	9.437	0.000	0.000	0.000	0.000	0.019	0.000
OF	177.200	-1.894	0.000	9.439	0.000	0.000	0.000	0.000	0.035	0.000
OF	180.400	-1.762	0.000	9.440	0.000	0.000	0.000	0.000	0.024	0.000
OF	183.700	-1.740	0.000	9.442	0.000	0.000	0.000	0.000	-0.002	0.000
OF	187.000	-1.775	0.000	9.445	0.000	0.000	0.000	0.000	-0.006	0.000
OF	190.300	-1.781	0.000	9.447	0.000	0.000	0.000	0.000	0.002	0.000
OF	193.600	-1.760	0.000	9.450	0.000	0.000	0.000	0.000	0.031	0.000
OF	196.800	-1.578	0.000	9.450	0.000	0.000	0.000	0.000	0.034	0.000
OF	200.100	-1.541	0.000	9.452	0.000	0.000	0.000	0.000	0.009	0.000
OF	203.400	-1.522	0.000	9.454	0.000	0.000	0.000	0.000	0.002	0.000
OF	206.700	-1.525	0.000	9.457	0.000	0.000	0.000	0.000	-0.004	0.000
OF	210.000	-1.547	0.000	9.460	0.000	0.000	0.000	0.000	0.003	0.000
OF	213.300	-1.507	0.000	9.462	0.000	0.000	0.000	0.000	0.009	0.000
OF	216.500	-1.489	0.000	9.464	0.000	0.000	0.000	0.000	0.058	0.000
OF	219.800	-1.130	0.000	9.462	0.000	0.000	0.000	0.000	0.104	0.000
OF	223.100	-0.804	0.000	9.461	0.000	0.000	0.000	0.000	0.139	0.000
OF	226.400	-0.210	0.000	9.457	0.000	0.000	0.000	0.000	0.177	0.000
IF	229.700	0.363	0.000	9.453	0.000	0.000	0.000	0.000	0.180	0.000
IF	232.900	0.959	0.000	9.450	0.000	0.000	0.000	0.000	0.203	0.000
IF	236.200	1.680	0.000	9.445	0.000	0.000	0.000	0.000	0.192	0.000
IF	239.500	2.229	0.000	9.447	0.000	0.000	0.000	0.000	0.153	0.000
IF	242.800	2.693	0.000	9.454	0.000	0.000	0.000	0.000	0.139	0.000
IF	246.100	3.149	0.000	9.465	0.000	0.000	0.000	0.000	0.149	0.000
IF	249.300	3.661	0.000	9.479	0.000	0.000	0.000	0.000	0.173	0.000
IF	252.600	4.276	0.000	9.498	0.000	0.000	0.000	0.000	0.208	0.000
IF	255.900	5.032	0.000	9.512	0.000	0.000	0.000	0.000	0.209	0.000
IF	259.200	5.656	0.000	9.537	0.000	0.000	0.000	0.000	0.189	0.000
IF	262.500	6.277	0.000	9.611	0.000	0.000	0.000	0.000	0.198	0.000
IF	265.700	6.941	0.000	9.784	0.000	0.000	0.000	0.000	0.226	0.000
IF	269.000	7.749	0.000	9.990	0.000	0.000	0.000	0.000	0.200	0.000
IF	272.300	8.259	0.000	10.132	0.000	0.000	0.000	0.000	0.122	0.000
IF	275.600	8.557	0.000	10.220	0.000	0.000	0.000	0.000	0.098	0.000
IF	278.900	8.906	0.000	10.314	0.000	0.000	0.000	0.000	0.077	0.000
IF	282.200	9.066	0.000	10.355	0.000	0.000	0.000	0.000	0.067	0.000
IF	288.000	9.516	0.000	10.355	0.000	0.000	0.000	0.000	0.082	0.000
IF	289.000	9.625	0.000	10.355	0.000	0.000	0.000	0.000	0.168	0.000
IF	293.000	10.355	0.000	10.355	0.000	0.000	0.000	0.000	0.183	0.000
AS	392.800	9.458	0.000	9.458	0.000	0.000	0.000	0.000	-0.043	0.000
IF	393.000	9.449	0.000	9.458	0.000	0.000	0.000	0.000	-0.023	0.000
IF	398.000	9.338	0.000	9.458	0.000	0.000	0.000	0.000	-0.048	0.000
IF	422.000	8.062	0.000	9.458	0.000	0.000	0.000	0.000	-0.077	0.000
IF	426.000	7.187	0.000	9.458	0.000	0.000	0.000	0.000	-0.112	0.000
IF	443.000	5.713	0.000	9.458	0.000	0.000	0.000	0.000	-0.049	0.000
IF	453.000	5.870	0.000	9.458	0.000	0.000	0.000	0.000	-0.001	0.000
IF	501.000	5.653	0.000	9.458	0.000	0.000	0.000	0.000	-0.006	0.000
IF	502.000	5.593	0.000	9.458	0.000	0.000	0.000	0.000	0.097	0.000
IF	527.000	8.182	0.000	9.458	0.000	0.000	0.000	0.000	0.085	0.000
IF	530.000	7.977	0.000	9.458	0.000	0.000	0.000	0.000	-0.066	0.000

IF	552.000	6.536	0.000	9.459	0.000	0.000	0.000	0.000	-0.045	0.000
IF	576.000	5.898	0.000	9.459	0.000	0.000	0.000	0.000	-0.033	0.000
IF	594.000	5.161	0.000	9.459	0.000	0.000	0.000	0.000	-0.016	0.000
IF	613.000	5.299	0.000	9.460	0.000	0.000	0.000	0.000	0.009	0.000
IF	635.000	5.531	0.000	9.460	0.000	0.000	0.000	0.000	0.000	0.000
IF	646.000	5.312	0.000	9.460	0.000	0.000	0.000	0.000	-0.004	0.000
IF	679.000	5.374	0.000	9.460	0.000	0.000	0.000	0.000	-0.004	0.000
IF	686.000	5.137	0.000	9.460	0.000	0.000	0.000	0.000	-0.013	0.000
IF	731.000	4.722	0.000	9.461	0.000	0.000	0.000	0.000	-0.011	0.000
IF	732.000	4.620	0.000	9.461	0.000	0.000	0.000	0.000	0.009	0.000
IF	815.000	5.469	0.000	9.462	0.000	0.000	0.000	0.000	0.009	0.000
IF	816.000	5.408	0.000	9.462	0.000	0.000	0.000	0.000	-0.010	0.000
IF	841.000	5.215	0.000	9.462	0.000	0.000	0.000	0.000	-0.006	0.000
IF	870.000	5.084	0.000	9.462	0.000	0.000	0.000	0.000	-0.005	0.000
IF	871.000	5.061	0.000	9.462	0.000	0.000	0.000	0.000	0.017	0.000
IF	898.000	5.549	0.000	9.462	0.000	0.000	0.000	0.000	0.006	0.000
IF	912.000	5.311	0.000	9.462	0.000	0.000	0.000	0.000	-0.009	0.000
IF	932.000	5.259	0.000	9.463	0.000	0.000	0.000	0.000	-0.004	0.000
IF	936.000	5.219	0.000	9.463	0.000	0.000	0.000	0.000	-0.001	0.000
IF	957.000	5.232	0.000	9.463	0.000	0.000	0.000	0.000	0.000	0.000
IF	958.000	5.223	0.000	9.463	0.000	0.000	0.000	0.000	0.002	0.000
IF	1006.000	5.340	0.000	9.463	0.000	0.000	0.000	0.000	0.002	0.000
IF	1007.000	5.343	0.000	9.463	0.000	0.000	0.000	0.000	0.008	0.000
IF	1028.000	5.511	0.000	9.463	0.000	0.000	0.000	0.000	0.000	0.000
IF	1061.000	5.361	0.000	9.463	0.000	0.000	0.000	0.000	-0.002	0.000
IF	1081.000	5.431	0.000	9.463	0.000	0.000	0.000	0.000	0.004	0.000
IF	1082.000	5.433	0.000	9.463	0.000	0.000	0.000	0.000	0.000	0.000
IF	1105.000	5.441	0.000	9.463	0.000	0.000	0.000	0.000	0.000	0.000
IF	1106.000	5.424	0.000	9.463	0.000	0.000	0.000	0.000	0.001	0.000
IF	1129.000	5.469	0.000	9.463	0.000	0.000	0.000	0.000	0.002	0.000
IF	1130.000	5.463	0.000	9.463	0.000	0.000	0.000	0.000	-0.002	0.000
IF	1156.000	5.405	0.000	9.463	0.000	0.000	0.000	0.000	-0.002	0.000
IF	1171.000	5.370	0.000	9.463	0.000	0.000	0.000	0.000	-0.007	0.000
IF	1189.000	5.170	0.000	9.463	0.000	0.000	0.000	0.000	-0.022	0.000
IF	1202.000	4.703	0.000	9.464	0.000	0.000	0.000	0.000	-0.010	0.000
IF	1224.000	4.809	0.000	9.464	0.000	0.000	0.000	0.000	-0.023	0.000
IF	1227.000	4.116	0.000	9.464	0.000	0.000	0.000	0.000	-0.047	0.000
IF	1279.000	2.222	0.000	9.465	0.000	0.000	0.000	0.000	-0.028	0.000
IF	1310.000	1.815	0.000	9.466	0.000	0.000	0.000	0.000	0.051	0.000
IF	1343.000	5.462	0.000	9.466	0.000	0.000	0.000	0.000	0.106	0.000
IF	1344.000	5.437	0.000	9.466	0.000	0.000	0.000	0.000	0.001	0.000
IF	1376.000	5.498	0.000	9.467	0.000	0.000	0.000	0.000	0.001	0.000
IF	1377.000	5.460	0.000	9.467	0.000	0.000	0.000	0.000	-0.001	0.000
IF	1407.000	5.469	0.000	9.467	0.000	0.000	0.000	0.000	-0.002	0.000
IF	1421.000	5.384	0.000	9.467	0.000	0.000	0.000	0.000	-0.002	0.000
IF	1428.000	5.434	0.000	9.467	0.000	0.000	0.000	0.000	0.010	0.000
IF	1444.000	5.611	0.000	9.468	0.000	0.000	0.000	0.000	0.004	0.000
IF	1465.000	5.563	0.000	9.468	0.000	0.000	0.000	0.000	-0.009	0.000
IF	1468.000	5.391	0.000	9.468	0.000	0.000	0.000	0.000	0.000	0.000
IF	1500.000	5.555	0.000	9.470	0.000	0.000	0.000	0.000	0.005	0.000
IF	1519.000	5.668	0.000	9.471	0.000	0.000	0.000	0.000	0.000	0.000
IF	1554.000	5.566	0.000	9.473	0.000	0.000	0.000	0.000	-0.004	0.000
IF	1555.000	5.530	0.000	9.473	0.000	0.000	0.000	0.000	0.010	0.000
IF	1575.000	5.778	0.000	9.474	0.000	0.000	0.000	0.000	0.004	0.000
IF	1586.000	5.640	0.000	9.474	0.000	0.000	0.000	0.000	-0.011	0.000
IF	1600.000	5.512	0.000	9.475	0.000	0.000	0.000	0.000	-0.005	0.000
IF	1618.000	5.482	0.000	9.476	0.000	0.000	0.000	0.000	-0.001	0.000
IF	1633.000	5.480	0.000	9.477	0.000	0.000	0.000	0.000	-0.007	0.000
IF	1645.000	5.298	0.000	9.477	0.000	0.000	0.000	0.000	-0.009	0.000
IF	1675.000	5.083	0.000	9.479	0.000	0.000	0.000	0.000	-0.007	0.000
IF	1676.000	5.087	0.000	9.479	0.000	0.000	0.000	0.000	-0.040	0.000
IF	1712.000	3.603	0.000	9.482	0.000	0.000	0.000	0.000	-0.013	0.000
IF	1719.000	4.516	0.000	9.482	0.000	0.000	0.000	0.000	0.046	0.000
IF	1756.000	5.631	0.000	9.484	0.000	0.000	0.000	0.000	0.022	0.000
IF	1773.000	5.710	0.000	9.485	0.000	0.000	0.000	0.000	-0.001	0.000
IF	1783.000	5.613	0.000	9.486	0.000	0.000	0.000	0.000	-0.024	0.000
IF	1805.000	4.925	0.000	9.488	0.000	0.000	0.000	0.000	-0.035	0.000
IF	1806.000	4.817	0.000	9.488	0.000	0.000	0.000	0.000	-0.072	0.000
IF	1851.000	1.607	0.000	9.491	0.000	0.000	0.000	0.000	0.008	0.000
IF	1879.000	5.402	0.000	9.493	0.000	0.000	0.000	0.000	0.069	0.000
IF	1903.000	5.183	0.000	9.494	0.000	0.000	0.000	0.000	-0.008	0.000
IF	1904.000	5.203	0.000	9.494	0.000	0.000	0.000	0.000	0.011	0.000
IF	1926.000	5.441	0.000	9.494	0.000	0.000	0.000	0.000	0.011	0.000
IF	1927.000	5.450	0.000	9.494	0.000	0.000	0.000	0.000	0.210	0.000
IF	1945.300	9.494	0.000	9.494	0.000	0.000	0.000	0.000	0.221	0.000
AS	4155.000	9.803	0.000	9.803	0.000	0.000	0.000	0.000	-0.175	0.000
IF	4159.000	9.101	0.000	9.803	0.000	0.000	0.000	0.000	-0.041	0.000
IF	4166.000	9.353	0.000	9.803	0.000	0.000	0.000	0.000	0.035	0.000
IF	4177.000	9.726	0.000	9.803	0.000	0.000	0.000	0.000	0.035	0.000
IF	4178.800	9.803	0.000	9.803	0.000	0.000	0.000	0.000	0.042	0.000
AS	4606.100	9.795	0.000	9.795	0.000	0.000	0.000	0.000	-0.069	0.000
IF	4616.000	9.111	0.000	9.795	0.000	0.000	0.000	0.000	-0.075	0.000
IF	4617.000	8.983	0.000	9.795	0.000	0.000	0.000	0.000	-0.050	0.000
IF	4636.000	8.107	0.000	9.795	0.000	0.000	0.000	0.000	-0.053	0.000
IF	4639.000	7.817	0.000	9.795	0.000	0.000	0.000	0.000	-0.119	0.000
IF	4652.000	6.199	0.000	9.795	0.000	0.000	0.000	0.000	-0.079	0.000
IF	4672.000	5.225	0.000	9.795	0.000	0.000	0.000	0.000	-0.021	0.000
IF	4691.000	5.385	0.000	9.795	0.000	0.000	0.000	0.000	-0.001	0.000
IF	4701.000	5.201	0.000	9.795	0.000	0.000	0.000	0.000	-0.009	0.000
IF	4715.000	5.158	0.000	9.796	0.000	0.000	0.000	0.000	0.013	0.000
IF	4727.000	5.543	0.000	9.796	0.000	0.000	0.000	0.000	0.001	0.000
IF	4749.000	5.205	0.000	9.796	0.000	0.000	0.000	0.000	-0.016	0.000
IF	4750.000	5.177	0.000	9.796	0.000	0.000	0.000	0.000	-0.001	0.000
IF	4788.000	5.182	0.000	9.797	0.000	0.000	0.000	0.000	-0.001	0.000
IF	4820.000	5.118	0.000	9.798	0.000	0.000	0.000	0.000	0.003	0.000
IF	4828.000	5.291	0.000	9.799	0.000	0.000	0.000	0.000	-0.004	0.000
IF	4850.000	4.997	0.000	9.799	0.000	0.000	0.000	0.000	-0.015	0.000
IF	4854.000	4.911	0.000	9.799	0.000	0.000	0.000	0.000	-0.011	0.000
IF	4892.000	4.519	0.000	9.801	0.000	0.000	0.000	0.000	-0.012	0.000
IF	4904.000	4.324	0.000	9.801	0.000	0.000	0.000	0.000	-0.051	0.000
IF	4935.000	2.332	0.000	9.801	0.000	0.000	0.000	0.000	-0.001	0.000
IF	4972.000	4.280	0.000	9.801	0.000	0.000	0.000	0.000	0.038	0.000
IF	4994.000	4.554	0.000	9.801	0.000	0.000	0.000	0.000	0.001	0.000
IF	5005.000	4.306	0.000	9.801	0.000	0.000	0.000	0.000	-0.003	0.000
IF	5034.000	4.439	0.000	9.801	0.000	0.000	0.000	0.000	0.014	0.000
IF	5054.000	5.017	0.000	9.801	0.000	0.000	0.000	0.000	0.008	0.000
IF	5076.000	4.765	0.000	9.802	0.000	0.000	0.000	0.000	0.007	0.000
IF	5090.000	5.269	0.000	9.802	0.000	0.000	0.000	0.000	0.010	0.000
IF	5119.000	5.193	0.000	9.802	0.000	0				

IF	5166.000	4.664	0.000	9.802	0.000	0.000	0.000	0.000	0.000	-0.015	0.000
IF	5167.000	4.656	0.000	9.802	0.000	0.000	0.000	0.000	0.000	0.025	0.000
IF	5191.000	5.283	0.000	9.803	0.000	0.000	0.000	0.000	0.000	0.029	0.000
IF	5198.000	5.566	0.000	9.803	0.000	0.000	0.000	0.000	0.000	0.003	0.000
IF	5222.000	5.383	0.000	9.803	0.000	0.000	0.000	0.000	0.000	-0.009	0.000
IF	5223.000	5.332	0.000	9.803	0.000	0.000	0.000	0.000	0.000	0.027	0.000
IF	5250.000	6.133	0.000	9.803	0.000	0.000	0.000	0.000	0.000	0.035	0.000
IF	5253.000	6.380	0.000	9.803	0.000	0.000	0.000	0.000	0.000	0.186	0.000
IF	5269.700	9.803	0.000	9.803	0.000	0.000	0.000	0.000	0.000	0.205	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
	STATION	ELEVATION	LENGTH	10-YEAR	100-YEAR	WAVE HEIGHT	W. PERIOD			SLOPE	A-ZONES
IE	0.000	-4.414	1.000	1.000	9.282	13.093	13.062	56.140		0.029	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	3.300	-4.318	0.000	9.284	0.000	0.000	0.000	0.000		0.029	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	6.600	-4.222	0.000	9.285	0.000	0.000	0.000	0.000		0.030	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	9.800	-4.126	0.000	9.287	0.000	0.000	0.000	0.000		0.030	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	13.100	-4.030	0.000	9.288	0.000	0.000	0.000	0.000		0.029	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	16.400	-3.934	0.000	9.290	0.000	0.000	0.000	0.000		0.029	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	19.700	-3.838	0.000	9.293	0.000	0.000	0.000	0.000		0.029	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	23.000	-3.742	0.000	9.295	0.000	0.000	0.000	0.000		0.030	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	26.200	-3.645	0.000	9.297	0.000	0.000	0.000	0.000		0.030	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	29.500	-3.549	0.000	9.300	0.000	0.000	0.000	0.000		0.029	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	32.800	-3.453	0.000	9.302	0.000	0.000	0.000	0.000		0.044	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	36.100	-3.261	0.000	9.303	0.000	0.000	0.000	0.000		0.034	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	39.400	-3.231	0.000	9.307	0.000	0.000	0.000	0.000		0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	42.700	-3.201	0.000	9.311	0.000	0.000	0.000	0.000		0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	45.900	-3.171	0.000	9.315	0.000	0.000	0.000	0.000		0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	49.200	-3.140	0.000	9.318	0.000	0.000	0.000	0.000		0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	52.500	-3.110	0.000	9.322	0.000	0.000	0.000	0.000		0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	55.800	-3.080	0.000	9.325	0.000	0.000	0.000	0.000		0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	59.100	-3.049	0.000	9.330	0.000	0.000	0.000	0.000		0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	62.300	-3.019	0.000	9.335	0.000	0.000	0.000	0.000		0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	65.600	-2.989	0.000	9.339	0.000	0.000	0.000	0.000		0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	68.900	-2.958	0.000	9.343	0.000	0.000	0.000	0.000		0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	72.200	-2.928	0.000	9.347	0.000	0.000	0.000	0.000		0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	75.500	-2.898	0.000	9.351	0.000	0.000	0.000	0.000		0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	78.700	-2.868	0.000	9.354	0.000	0.000	0.000	0.000		0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	82.000	-2.837	0.000	9.358	0.000	0.000	0.000	0.000		0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	85.300	-2.807	0.000	9.361	0.000	0.000	0.000	0.000		0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	88.600	-2.777	0.000	9.365	0.000	0.000	0.000	0.000		0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	91.900	-2.746	0.000	9.368	0.000	0.000	0.000	0.000		0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	95.100	-2.716	0.000	9.371	0.000	0.000	0.000	0.000		0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	98.400	-2.686	0.000	9.374	0.000	0.000	0.000	0.000		0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	101.700	-2.655	0.000	9.377	0.000	0.000	0.000	0.000		0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	105.000	-2.625	0.000	9.381	0.000	0.000	0.000	0.000		0.009	0.000

	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	108.300	-2.595	0.000	9.384	0.000	0.000	0.000	0.000	0.009	0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	111.500	-2.565	0.000	9.387	0.000	0.000	0.000	0.000	0.009	0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	114.800	-2.534	0.000	9.391	0.000	0.000	0.000	0.000	0.009	0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	118.100	-2.504	0.000	9.394	0.000	0.000	0.000	0.000	0.009	0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	121.400	-2.474	0.000	9.397	0.000	0.000	0.000	0.000	0.009	0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	124.700	-2.443	0.000	9.400	0.000	0.000	0.000	0.000	0.009	0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	128.000	-2.413	0.000	9.403	0.000	0.000	0.000	0.000	0.009	0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	131.200	-2.383	0.000	9.406	0.000	0.000	0.000	0.000	0.009	0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	134.500	-2.352	0.000	9.409	0.000	0.000	0.000	0.000	0.009	0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	137.800	-2.322	0.000	9.411	0.000	0.000	0.000	0.000	0.009	0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	141.100	-2.292	0.000	9.414	0.000	0.000	0.000	0.000	0.009	0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	144.400	-2.261	0.000	9.416	0.000	0.000	0.000	0.000	0.009	0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	147.600	-2.231	0.000	9.418	0.000	0.000	0.000	0.000	0.009	0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	150.900	-2.201	0.000	9.421	0.000	0.000	0.000	0.000	0.009	0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	154.200	-2.171	0.000	9.423	0.000	0.000	0.000	0.000	0.009	0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	157.500	-2.140	0.000	9.425	0.000	0.000	0.000	0.000	0.009	0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	160.800	-2.110	0.000	9.428	0.000	0.000	0.000	0.000	0.009	0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	164.000	-2.080	0.000	9.430	0.000	0.000	0.000	0.000	0.009	0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	167.300	-2.049	0.000	9.432	0.000	0.000	0.000	0.000	0.009	0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	170.600	-2.019	0.000	9.434	0.000	0.000	0.000	0.000	0.009	0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	173.900	-1.989	0.000	9.437	0.000	0.000	0.000	0.000	0.019	0.019	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	177.200	-1.894	0.000	9.439	0.000	0.000	0.000	0.000	0.035	0.035	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	180.400	-1.762	0.000	9.440	0.000	0.000	0.000	0.000	0.024	0.024	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	183.700	-1.740	0.000	9.442	0.000	0.000	0.000	0.000	-0.002	0.002	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	187.000	-1.775	0.000	9.445	0.000	0.000	0.000	0.000	-0.006	0.006	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	190.300	-1.781	0.000	9.447	0.000	0.000	0.000	0.000	0.002	0.002	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	193.600	-1.760	0.000	9.450	0.000	0.000	0.000	0.000	0.031	0.031	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	196.800	-1.578	0.000	9.450	0.000	0.000	0.000	0.000	0.034	0.034	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	200.100	-1.541	0.000	9.452	0.000	0.000	0.000	0.000	0.009	0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	203.400	-1.522	0.000	9.454	0.000	0.000	0.000	0.000	0.002	0.002	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	206.700	-1.525	0.000	9.457	0.000	0.000	0.000	0.000	-0.004	0.004	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	210.000	-1.547	0.000	9.460	0.000	0.000	0.000	0.000	0.003	0.003	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	213.300	-1.507	0.000	9.462	0.000	0.000	0.000	0.000	0.009	0.009	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	216.500	-1.489	0.000	9.464	0.000	0.000	0.000	0.000	0.058	0.058	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	219.800	-1.130	0.000	9.462	0.000	0.000	0.000	0.000	0.104	0.104	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	223.100	-0.804	0.000	9.461	0.000	0.000	0.000	0.000	0.139	0.139	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES

OF	226.400	-0.210	0.000	9.457	0.000	0.000	0.000	0.000	0.177	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	229.700	0.363	0.000	9.453	0.000	0.000	0.000	0.000	0.180	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	232.900	0.959	0.000	9.450	0.000	0.000	0.000	0.000	0.203	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	236.200	1.680	0.000	9.445	0.000	0.000	0.000	0.000	0.192	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	239.500	2.229	0.000	9.447	0.000	0.000	0.000	0.000	0.153	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	242.800	2.693	0.000	9.454	0.000	0.000	0.000	0.000	0.139	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	246.100	3.149	0.000	9.465	0.000	0.000	0.000	0.000	0.149	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	249.300	3.661	0.000	9.479	0.000	0.000	0.000	0.000	0.173	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	252.600	4.276	0.000	9.498	0.000	0.000	0.000	0.000	0.208	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	255.900	5.032	0.000	9.512	0.000	0.000	0.000	0.000	0.209	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	259.200	5.656	0.000	9.537	0.000	0.000	0.000	0.000	0.189	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	262.500	6.277	0.000	9.611	0.000	0.000	0.000	0.000	0.198	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	265.700	6.941	0.000	9.784	0.000	0.000	0.000	0.000	0.226	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	269.000	7.749	0.000	9.990	0.000	0.000	0.000	0.000	0.200	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	272.300	8.259	0.000	10.132	0.000	0.000	0.000	0.000	0.122	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	275.600	8.557	0.000	10.220	0.000	0.000	0.000	0.000	0.098	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	278.900	8.906	0.000	10.314	0.000	0.000	0.000	0.000	0.077	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	282.200	9.066	0.000	10.355	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	288.000	9.516	0.000	10.355	0.000	0.000	0.000	0.000	0.082	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	289.000	9.625	0.000	10.355	0.000	0.000	0.000	0.000	0.168	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	293.000	10.355	0.000	10.355	0.000	0.000	0.000	0.000	0.183	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
AS	392.800	9.458	0.000	9.458	0.000	0.000	0.000	0.000	-0.043	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	393.000	9.449	0.000	9.458	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	398.000	9.338	0.000	9.458	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	422.000	8.062	0.000	9.458	0.000	0.000	0.000	0.000	-0.077	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	426.000	7.187	0.000	9.458	0.000	0.000	0.000	0.000	-0.112	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	443.000	5.713	0.000	9.458	0.000	0.000	0.000	0.000	-0.049	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	453.000	5.870	0.000	9.458	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	501.000	5.653	0.000	9.458	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	502.000	5.593	0.000	9.458	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
IF	527.000	8.182	0.000	9.458	0.000	0.000	0.000	0.000	0.085	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	530.000	7.977	0.000	9.458	0.000	0.000	0.000	0.000	-0.066	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	552.000	6.536	0.000	9.459	0.000	0.000	0.000	0.000	-0.045	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	576.000	5.898	0.000	9.459	0.000	0.000	0.000	0.000	-0.033	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	594.000	5.161	0.000	9.459	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	613.000	5.299	0.000	9.460	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	635.000	5.531	0.000	9.460	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
IF	646.000	5.312	0.000	9.460	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	679.000	5.374	0.000	9.460	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	686.000	5.137	0.000	9.460	0.000	0.000	0.000	0.000	-0.013	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	731.000	4.722	0.000	9.461	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	732.000	4.620	0.000	9.461	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	815.000	5.469	0.000	9.462	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	816.000	5.408	0.000	9.462	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	841.000	5.215	0.000	9.462	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	870.000	5.084	0.000	9.462	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	871.000	5.061	0.000	9.462	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	898.000	5.549	0.000	9.462	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	912.000	5.311	0.000	9.462	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	932.000	5.259	0.000	9.463	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	936.000	5.219	0.000	9.463	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	957.000	5.232	0.000	9.463	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
IF	958.000	5.223	0.000	9.463	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	1006.000	5.340	0.000	9.463	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	1007.000	5.343	0.000	9.463	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	1028.000	5.511	0.000	9.463	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
IF	1061.000	5.361	0.000	9.463	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	1081.000	5.431	0.000	9.463	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	1082.000	5.433	0.000	9.463	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
IF	1105.000	5.441	0.000	9.463	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
IF	1106.000	5.424	0.000	9.463	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	1129.000	5.469	0.000	9.463	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	1130.000	5.463	0.000	9.463	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	1156.000	5.405	0.000	9.463	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	1171.000	5.370	0.000	9.463	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	1189.000	5.170	0.000	9.463	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	1202.000	4.703	0.000	9.464	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	1224.000	4.809	0.000	9.464	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	1227.000	4.116	0.000	9.464	0.000	0.000	0.000	0.000	-0.047	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1279.000	2.222	0.000	9.465	0.000	0.000	0.000	0.000	-0.028	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1310.000	1.815	0.000	9.466	0.000	0.000	0.000	0.000	0.051	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1343.000	5.462	0.000	9.466	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	1344.000	5.437	0.000	9.466	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	1376.000	5.498	0.000	9.467	0.000	0.000	0.000	0.000	0.001	0.000

	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	1377.000	5.460	0.000	9.467	0.000	0.000	0.000	0.000		-0.001	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	1407.000	5.469	0.000	9.467	0.000	0.000	0.000	0.000		-0.002	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	1421.000	5.384	0.000	9.467	0.000	0.000	0.000	0.000		-0.002	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	1428.000	5.434	0.000	9.467	0.000	0.000	0.000	0.000		0.010	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	1444.000	5.611	0.000	9.468	0.000	0.000	0.000	0.000		0.004	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	1465.000	5.563	0.000	9.468	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
	1468.000	5.391	0.000	9.468	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
	1500.000	5.555	0.000	9.470	0.000	0.000	0.000	0.000		0.005	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	1519.000	5.668	0.000	9.471	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
	1554.000	5.566	0.000	9.473	0.000	0.000	0.000	0.000		-0.004	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	1555.000	5.530	0.000	9.473	0.000	0.000	0.000	0.000		0.010	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	1575.000	5.778	0.000	9.474	0.000	0.000	0.000	0.000		0.004	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	1586.000	5.640	0.000	9.474	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
	1600.000	5.512	0.000	9.475	0.000	0.000	0.000	0.000		-0.005	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	1618.000	5.482	0.000	9.476	0.000	0.000	0.000	0.000		-0.001	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	1633.000	5.480	0.000	9.477	0.000	0.000	0.000	0.000		-0.007	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	1645.000	5.298	0.000	9.477	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
	1675.000	5.083	0.000	9.479	0.000	0.000	0.000	0.000		-0.007	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	1676.000	5.087	0.000	9.479	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
	1712.000	3.603	0.000	9.482	0.000	0.000	0.000	0.000		-0.013	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	1719.000	4.516	0.000	9.482	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
	1756.000	5.631	0.000	9.484	0.000	0.000	0.000	0.000		0.022	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	1773.000	5.710	0.000	9.485	0.000	0.000	0.000	0.000		-0.001	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	1783.000	5.613	0.000	9.486	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
	1805.000	4.925	0.000	9.488	0.000	0.000	0.000	0.000		-0.035	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	1806.000	4.817	0.000	9.488	0.000	0.000	0.000	0.000		-0.072	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	1851.000	1.607	0.000	9.491	0.000	0.000	0.000	0.000		0.008	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	1879.000	5.402	0.000	9.493	0.000	0.000	0.000	0.000		0.069	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	1903.000	5.183	0.000	9.494	0.000	0.000	0.000	0.000		-0.008	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	1904.000	5.203	0.000	9.494	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
	1926.000	5.441	0.000	9.494	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
	1927.000	5.450	0.000	9.494	0.000	0.000	0.000	0.000		0.210	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	1945.300	9.494	0.000	9.494	0.000	0.000	0.000	0.000		0.221	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
AS	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	4155.000	9.803	0.000	9.803	0.000	0.000	0.000	0.000		-0.175	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	4159.000	9.101	0.000	9.803	0.000	0.000	0.000	0.000		-0.041	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	4166.000	9.353	0.000	9.803	0.000	0.000	0.000	0.000		0.035	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES

IF	4177.000	9.726	0.000	9.803	0.000	0.000	0.000	0.000	0.035	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	4178.800	9.803	0.000	9.803	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
AS	4606.100	9.795	0.000	9.795	0.000	0.000	0.000	0.000	-0.069	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	4616.000	9.111	0.000	9.795	0.000	0.000	0.000	0.000	-0.075	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	4617.000	8.983	0.000	9.795	0.000	0.000	0.000	0.000	-0.050	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	4636.000	8.107	0.000	9.795	0.000	0.000	0.000	0.000	-0.053	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	4639.000	7.817	0.000	9.795	0.000	0.000	0.000	0.000	-0.119	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	4652.000	6.199	0.000	9.795	0.000	0.000	0.000	0.000	-0.079	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	4672.000	5.225	0.000	9.795	0.000	0.000	0.000	0.000	-0.021	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	4691.000	5.385	0.000	9.795	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	4701.000	5.201	0.000	9.795	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	4715.000	5.158	0.000	9.796	0.000	0.000	0.000	0.000	0.013	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	4727.000	5.543	0.000	9.796	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	4749.000	5.205	0.000	9.796	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	4750.000	5.177	0.000	9.796	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	4788.000	5.182	0.000	9.797	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	4820.000	5.118	0.000	9.798	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	4828.000	5.291	0.000	9.799	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	4850.000	4.997	0.000	9.799	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	4854.000	4.911	0.000	9.799	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	4892.000	4.519	0.000	9.801	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	4904.000	4.324	0.000	9.801	0.000	0.000	0.000	0.000	-0.051	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	4935.000	2.332	0.000	9.801	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	4972.000	4.280	0.000	9.801	0.000	0.000	0.000	0.000	0.038	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	4994.000	4.554	0.000	9.801	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	5005.000	4.306	0.000	9.801	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	5034.000	4.439	0.000	9.801	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	5054.000	5.017	0.000	9.801	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	5076.000	4.765	0.000	9.802	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	5090.000	5.269	0.000	9.802	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	5119.000	5.193	0.000	9.802	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	5136.000	5.108	0.000	9.802	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	5166.000	4.664	0.000	9.802	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	5167.000	4.656	0.000	9.802	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	5191.000	5.283	0.000	9.803	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	5198.000	5.566	0.000	9.803	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	5222.000	5.383	0.000	9.803	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
	5223.000	5.332	0.000	9.803	0.000	0.000	0.000	0.000	0.027	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	5250.000	6.133	0.000	9.803	0.000	0.000	0.000	0.000	0.035	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	5253.000	6.380	0.000	9.803	0.000	0.000	0.000	0.000	0.186	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	5269.700	9.803	0.000	9.803	0.000	0.000	0.000	0.000	0.205	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	SPECTRAL PEAK	WAVE CREST
	WAVE HEIGHT	WAVE PERIOD	ELEVATION
IE	0.00	10.43	13.06
OF	3.30	10.36	13.06
OF	6.60	10.28	13.06
OF	9.80	10.21	13.06
OF	13.10	10.14	13.06
OF	16.40	10.07	13.06
OF	19.70	10.00	13.06
OF	23.00	9.94	13.06
OF	26.20	9.86	13.06
OF	29.50	9.79	13.06
OF	32.80	9.72	13.06
OF	36.10	9.58	13.06
OF	39.40	9.56	13.06
OF	42.70	9.54	13.06
OF	45.90	9.52	13.06
OF	49.20	9.50	13.06
OF	52.50	9.48	13.06
OF	55.80	9.46	13.06
OF	59.10	9.44	13.06
OF	62.30	9.43	13.06
OF	65.60	9.41	13.06
OF	68.90	9.39	13.06
OF	72.20	9.37	13.06
OF	75.50	9.35	13.06
OF	78.70	9.33	13.06
OF	82.00	9.31	13.06
OF	85.30	9.29	13.06
OF	88.60	9.27	13.06
OF	91.90	9.25	13.06
OF	95.10	9.23	13.06
OF	98.40	9.21	13.06
OF	101.70	9.19	13.06
OF	105.00	9.17	13.06
OF	108.30	9.15	13.06
OF	111.50	9.13	13.06
OF	114.80	9.11	13.06
OF	118.10	9.09	13.06
OF	121.40	9.07	13.06
OF	124.70	9.04	13.06
OF	128.00	9.02	13.06
OF	131.20	9.00	13.06
OF	134.50	8.98	13.06
OF	137.80	8.96	13.06
OF	141.10	8.94	13.06
OF	144.40	8.92	13.06
OF	147.60	8.90	13.06
OF	150.90	8.88	13.06
OF	154.20	8.86	13.06
OF	157.50	8.84	13.06
OF	160.80	8.82	13.06
OF	164.00	8.80	13.06
OF	167.30	8.77	13.06
OF	170.60	8.75	13.06
OF	173.90	8.73	13.06
OF	177.20	8.66	13.06
OF	180.40	8.56	13.06
OF	183.70	8.55	13.06
OF	187.00	8.56	13.06
OF	190.30	8.56	13.06
OF	193.60	8.56	13.06
OF	196.80	8.43	13.06
OF	200.10	8.41	13.06
OF	203.40	8.39	13.06
OF	206.70	8.40	13.06
OF	210.00	8.41	13.06
OF	213.30	8.39	13.06
OF	216.50	8.38	13.06
OF	219.80	8.11	13.06
OF	223.10	7.86	13.06
OF	226.40	7.41	13.06
IF	229.70	6.98	13.06
IF	232.90	6.52	13.06
IF	236.20	5.97	13.06
IF	239.50	5.56	13.06
IF	242.80	5.21	13.06
IF	246.10	4.87	13.06
IF	249.30	4.49	13.06
IF	252.60	4.04	13.06
IF	255.90	3.47	13.06
IF	259.20	3.01	13.06
IF	262.50	2.58	13.06
IF	265.70	2.21	13.06
IF	269.00	1.74	13.06
IF	272.30	1.46	13.06
IF	275.60	1.29	13.06
IF	278.90	1.10	13.06
IF	282.20	1.00	13.06
IF	288.00	0.65	13.06
IF	289.00	0.57	13.06
IF	293.00	0.01	13.06
AS	392.80	0.00	0.00

IF	393.00	0.01	0.12	9.46
IF	398.00	0.04	0.25	9.49
IF	422.00	0.14	0.43	9.55
IF	426.00	0.15	0.45	9.56
IF	443.00	0.20	0.52	9.60
IF	453.00	0.22	0.55	9.61
IF	501.00	0.33	0.67	9.69
IF	502.00	0.33	0.67	9.69
IF	527.00	0.37	0.72	9.72
IF	530.00	0.38	0.72	9.72
IF	552.00	0.42	0.76	9.76
IF	576.00	0.46	0.80	9.78
IF	594.00	0.49	0.82	9.80
IF	613.00	0.52	0.85	9.83
IF	635.00	0.56	0.87	9.85
IF	646.00	0.58	0.89	9.86
IF	679.00	0.62	0.92	9.90
IF	686.00	0.63	0.93	9.90
IF	731.00	0.70	0.98	9.95
IF	732.00	0.70	0.98	9.95
IF	815.00	0.81	1.05	10.03
IF	816.00	0.81	1.05	10.03
IF	841.00	0.84	1.07	10.05
IF	870.00	0.88	1.09	10.08
IF	871.00	0.88	1.10	10.08
IF	898.00	0.91	1.12	10.10
IF	912.00	0.93	1.13	10.11
IF	932.00	0.95	1.14	10.13
IF	936.00	0.95	1.14	10.13
IF	957.00	0.98	1.16	10.15
IF	958.00	0.98	1.16	10.15
IF	1006.00	1.03	1.19	10.18
IF	1007.00	1.03	1.19	10.18
IF	1028.00	1.05	1.20	10.20
IF	1061.00	1.09	1.22	10.22
IF	1081.00	1.11	1.24	10.24
IF	1082.00	1.11	1.24	10.24
IF	1105.00	1.13	1.25	10.25
IF	1106.00	1.13	1.25	10.26
IF	1129.00	1.15	1.26	10.27
IF	1130.00	1.16	1.26	10.27
IF	1156.00	1.18	1.28	10.29
IF	1171.00	1.20	1.29	10.30
IF	1189.00	1.22	1.30	10.31
IF	1202.00	1.24	1.30	10.33
IF	1224.00	1.26	1.31	10.34
IF	1227.00	1.26	1.32	10.35
IF	1279.00	1.32	1.34	10.39
IF	1310.00	1.35	1.36	10.41
IF	1343.00	1.35	1.37	10.41
IF	1344.00	1.35	1.37	10.41
IF	1376.00	1.37	1.39	10.43
IF	1377.00	1.37	1.39	10.43
IF	1407.00	1.40	1.40	10.44
IF	1421.00	1.41	1.41	10.45
IF	1428.00	1.41	1.41	10.46
IF	1444.00	1.42	1.42	10.46
IF	1465.00	1.43	1.43	10.47
IF	1468.00	1.44	1.43	10.48
IF	1500.00	1.46	1.44	10.49
IF	1519.00	1.46	1.45	10.50
IF	1554.00	1.50	1.47	10.52
IF	1555.00	1.50	1.47	10.52
IF	1575.00	1.49	1.48	10.52
IF	1586.00	1.51	1.48	10.53
IF	1600.00	1.53	1.49	10.54
IF	1618.00	1.54	1.49	10.56
IF	1633.00	1.56	1.50	10.57
IF	1645.00	1.57	1.50	10.58
IF	1675.00	1.60	1.52	10.60
IF	1676.00	1.61	1.52	10.60
IF	1712.00	1.67	1.53	10.65
IF	1719.00	1.66	1.53	10.64
IF	1756.00	1.61	1.55	10.61
IF	1773.00	1.61	1.55	10.61
IF	1783.00	1.63	1.56	10.63
IF	1805.00	1.70	1.56	10.68
IF	1806.00	1.71	1.56	10.68
IF	1851.00	1.79	1.58	10.74
IF	1879.00	1.71	1.59	10.69
IF	1903.00	1.75	1.60	10.72
IF	1904.00	1.75	1.60	10.72
IF	1926.00	1.73	1.61	10.71
IF	1927.00	1.73	1.61	10.71
IF	1945.30	0.01	1.61	9.50
AS	4155.00	0.00	0.00	9.80
IF	4159.00	0.04	0.23	9.83
IF	4166.00	0.07	0.32	9.85
IF	4177.00	0.05	0.39	9.84
IF	4178.80	0.01	0.41	9.81
AS	4606.10	0.00	0.00	9.80
IF	4616.00	0.07	0.30	9.84
IF	4617.00	0.07	0.31	9.85
IF	4636.00	0.14	0.44	9.89
IF	4639.00	0.15	0.45	9.90
IF	4652.00	0.19	0.50	9.92
IF	4672.00	0.24	0.57	9.96
IF	4691.00	0.28	0.62	9.99
IF	4701.00	0.30	0.64	10.01
IF	4715.00	0.33	0.67	10.03
IF	4727.00	0.35	0.69	10.04
IF	4749.00	0.39	0.73	10.07
IF	4750.00	0.40	0.74	10.07
IF	4788.00	0.46	0.79	10.12
IF	4820.00	0.51	0.84	10.16
IF	4828.00	0.53	0.85	10.17
IF	4850.00	0.56	0.88	10.19
IF	4854.00	0.57	0.88	10.20
IF	4892.00	0.62	0.92	10.24
IF	4904.00	0.64	0.94	10.25

IF	4935.00	0.69	0.97	10.28
IF	4972.00	0.74	1.00	10.32
IF	4994.00	0.76	1.02	10.34
IF	5005.00	0.78	1.03	10.35
IF	5034.00	0.82	1.06	10.37
IF	5054.00	0.84	1.07	10.39
IF	5076.00	0.87	1.09	10.41
IF	5090.00	0.88	1.10	10.42
IF	5119.00	0.92	1.12	10.45
IF	5136.00	0.94	1.13	10.46
IF	5166.00	0.97	1.15	10.48
IF	5167.00	0.98	1.15	10.49
IF	5191.00	1.00	1.17	10.50
IF	5198.00	1.01	1.18	10.51
IF	5222.00	1.04	1.19	10.53
IF	5223.00	1.04	1.19	10.53
IF	5250.00	1.06	1.21	10.54
IF	5253.00	1.05	1.21	10.54
IF	5269.70	0.01	1.22	9.81

PART3 LOCATION OF AREAS ABOVE 100-YEAR SURGE

BETWEEN 293.00 AND 392.80

BETWEEN 1945.30 AND 4155.00

BETWEEN 4178.80 AND 4606.10

PART4 LOCATION OF SURGE CHANGES

STATION	10-YEAR SURGE	100-YEAR SURGE
3.30	1.00	9.28
6.60	1.00	9.28
9.80	1.00	9.29
13.10	1.00	9.29
16.40	1.00	9.29
19.70	1.00	9.29
23.00	1.00	9.30
26.20	1.00	9.30
29.50	1.00	9.30
32.80	1.00	9.30
36.10	1.00	9.30
39.40	1.00	9.31
42.70	1.00	9.31
45.90	1.00	9.31
49.20	1.00	9.32
52.50	1.00	9.32
55.80	1.00	9.32
59.10	1.00	9.33
62.30	1.00	9.34
65.60	1.00	9.34
68.90	1.00	9.34
72.20	1.00	9.35
75.50	1.00	9.35
78.70	1.00	9.35
82.00	1.00	9.36
85.30	1.00	9.36
88.60	1.00	9.36
91.90	1.00	9.37
95.10	1.00	9.37
98.40	1.00	9.37
101.70	1.00	9.38
105.00	1.00	9.38
108.30	1.00	9.38
111.50	1.00	9.39
114.80	1.00	9.39
118.10	1.00	9.39
121.40	1.00	9.40
124.70	1.00	9.40
128.00	1.00	9.40
131.20	1.00	9.41
134.50	1.00	9.41
137.80	1.00	9.41
141.10	1.00	9.41
144.40	1.00	9.42
147.60	1.00	9.42
150.90	1.00	9.42
154.20	1.00	9.42
157.50	1.00	9.43
160.80	1.00	9.43
164.00	1.00	9.43
167.30	1.00	9.43
170.60	1.00	9.43
173.90	1.00	9.44
177.20	1.00	9.44
180.40	1.00	9.44
183.70	1.00	9.44
187.00	1.00	9.44
190.30	1.00	9.45
193.60	1.00	9.45
200.10	1.00	9.45
203.40	1.00	9.45
206.70	1.00	9.46
210.00	1.00	9.46
213.30	1.00	9.46
216.50	1.00	9.46
219.80	1.00	9.46
223.10	1.00	9.46
226.40	1.00	9.46
229.70	1.00	9.45
232.90	1.00	9.45
236.20	1.00	9.44
239.50	1.00	9.45
242.80	1.00	9.45
246.10	1.00	9.47
249.30	1.00	9.48
252.60	1.00	9.50
255.90	1.00	9.51
259.20	1.00	9.54
262.50	1.00	9.61
265.70	1.00	9.78
269.00	1.00	9.99
272.30	1.00	10.13
275.60	1.00	10.22
278.90	1.00	10.31
282.20	1.00	10.35

392.80	1.00	9.46
552.00	1.00	9.46
613.00	1.00	9.46
731.00	1.00	9.46
815.00	1.00	9.46
932.00	1.00	9.46
1202.00	1.00	9.46
1279.00	1.00	9.47
1310.00	1.00	9.47
1376.00	1.00	9.47
1444.00	1.00	9.47
1500.00	1.00	9.47
1519.00	1.00	9.47
1554.00	1.00	9.47
1575.00	1.00	9.47
1600.00	1.00	9.48
1618.00	1.00	9.48
1633.00	1.00	9.48
1675.00	1.00	9.48
1712.00	1.00	9.48
1756.00	1.00	9.48
1773.00	1.00	9.48
1783.00	1.00	9.49
1805.00	1.00	9.49
1851.00	1.00	9.49
1879.00	1.00	9.49
1903.00	1.00	9.49
4155.00	1.00	9.80
4606.10	1.00	9.80
4715.00	1.00	9.80
4788.00	1.00	9.80
4820.00	1.00	9.80
4828.00	1.00	9.80
4892.00	1.00	9.80
5076.00	1.00	9.80
5191.00	1.00	9.80

PART5 LOCATION OF V ZONES		
STATION OF GUTTER	LOCATION OF ZONE	
259.25	WINDWARD	
PART6 NUMBERED A ZONES AND V ZONES		
STATION OF GUTTER	ELEVATION	ZONE DESIGNATION FHF
0.00	16.58	
3.30	16.53	V23 EL=17 130
5.53	16.50	V23 EL=17 130
6.60	16.48	V23 EL=16 130
9.80	16.44	V23 EL=16 130
13.10	16.39	V23 EL=16 130
16.40	16.34	V23 EL=16 130
19.70	16.30	V23 EL=16 130
23.00	16.25	V23 EL=16 130
26.20	16.20	V23 EL=16 130
29.50	16.16	V23 EL=16 130
32.80	16.11	V23 EL=16 130
36.10	16.01	V23 EL=16 130
39.40	16.00	V23 EL=16 130
42.70	15.99	V23 EL=16 130
45.90	15.98	V23 EL=16 130
49.20	15.97	V23 EL=16 130
52.50	15.96	V23 EL=16 130
55.80	15.95	V23 EL=16 130
59.10	15.94	V23 EL=16 130
62.30	15.93	V23 EL=16 130
65.60	15.92	V23 EL=16 130
68.90	15.91	V23 EL=16 130
72.20	15.90	V23 EL=16 130
75.50	15.89	V23 EL=16 130
78.70	15.88	V23 EL=16 130
82.00	15.87	V23 EL=16 130
85.30	15.86	V23 EL=16 130
88.60	15.85	V23 EL=16 130
91.90	15.84	V23 EL=16 130
95.10	15.83	V23 EL=16 130
98.40	15.82	V23 EL=16 130
101.70	15.81	V23 EL=16 130
105.00	15.80	V23 EL=16 130
108.30	15.79	V23 EL=16 130

111.50	15.77	V23	EL=16	130
114.80	15.76	V23	EL=16	130
118.10	15.75	V23	EL=16	130
121.40	15.74	V23	EL=16	130
124.70	15.73	V23	EL=16	130
128.00	15.72	V23	EL=16	130
131.20	15.71	V23	EL=16	130
134.50	15.70	V23	EL=16	130
137.80	15.68	V23	EL=16	130
141.10	15.67	V23	EL=16	130
144.40	15.66	V23	EL=16	130
147.60	15.65	V23	EL=16	130
150.90	15.64	V23	EL=16	130
154.20	15.62	V23	EL=16	130
157.50	15.61	V23	EL=16	130
160.80	15.60	V23	EL=16	130
164.00	15.59	V23	EL=16	130
167.30	15.57	V23	EL=16	130
170.60	15.56	V23	EL=16	130
173.90	15.55	V23	EL=16	130
177.20	15.50	V23	EL=16	130
177.33	15.50	V23	EL=16	130
180.40	15.44	V23	EL=15	130
183.70	15.43	V23	EL=15	130
187.00	15.44	V23	EL=15	130
190.30	15.44	V23	EL=15	130
193.60	15.44	V23	EL=15	130
196.80	15.35	V23	EL=15	130
200.10	15.34	V23	EL=15	130
203.40	15.33	V23	EL=15	130
206.70	15.34	V23	EL=15	130
210.00	15.35	V23	EL=15	130
213.30	15.33	V23	EL=15	130
216.50	15.33	V23	EL=15	130
219.80	15.14	V23	EL=15	130
223.10	14.96	V23	EL=15	130
226.40	14.64	V23	EL=15	130
227.95	14.50	V23	EL=14	130
229.70	14.34	V23	EL=14	130
232.90	14.02	V23	EL=14	130
236.20	13.63	V23	EL=14	130
237.64	13.50	V23	EL=14	130
239.50	13.34	V23	EL=13	130
242.80	13.10	V23	EL=13	130
246.10	12.87	V23	EL=13	130
249.30	12.62	V23	EL=13	130
250.65	12.50	V23	EL=12	130
252.60	12.32	V23	EL=12	130
255.90	11.94	V23	EL=12	130
259.20	11.64	V23	EL=12	130
259.25	11.67	A19	EL=12	95
261.31	11.50	A19	EL=11	95
262.50	11.42	A19	EL=11	95
265.70	11.33	A19	EL=11	95
269.00	11.21			

272.30	11.15	A19	EL=11	95
275.60	11.13	A19	EL=11	95
278.90	11.08	A19	EL=11	95
282.20	11.06	A19	EL=11	95
291.58	10.50	A19	EL=11	95
293.00	10.36	A19	EL=10	95
392.80	9.46			
402.22	9.50	A19	EL= 9	95
530.00	9.72	A19	EL=10	95
552.00	9.76	A19	EL=10	95
594.00	9.80	A19	EL=10	95
613.00	9.83	A19	EL=10	95
686.00	9.90	A19	EL=10	95
731.00	9.95	A19	EL=10	95
732.00	9.95	A19	EL=10	95
815.00	10.03	A19	EL=10	95
912.00	10.11	A19	EL=10	95
932.00	10.13	A19	EL=10	95
1189.00	10.31	A19	EL=10	95
1202.00	10.33	A19	EL=10	95
1227.00	10.35	A19	EL=10	95
1279.00	10.39	A19	EL=10	95
1310.00	10.41	A19	EL=10	95
1344.00	10.41	A19	EL=10	95
1376.00	10.43	A19	EL=10	95
1428.00	10.46	A19	EL=10	95
1444.00	10.46	A19	EL=10	95
1468.00	10.48	A19	EL=10	95
1500.00	10.49	A19	EL=10	95
1519.00	10.50	A19	EL=10	95
1524.35	10.50	A19	EL=11	95
1554.00	10.52	A19	EL=11	95
1555.00	10.52	A19	EL=11	95
1575.00	10.52	A19	EL=11	95
1586.00	10.53	A19	EL=11	95
1600.00	10.54	A19	EL=11	95
1618.00	10.56	A19	EL=11	95
1633.00	10.57	A19	EL=11	95
1645.00	10.58	A19	EL=11	95
1675.00	10.60	A19	EL=11	95
1676.00	10.60	A19	EL=11	95
1712.00	10.65	A19	EL=11	95
1719.00	10.64	A19	EL=11	95
1756.00	10.61	A19	EL=11	95
1773.00	10.61	A19	EL=11	95
1783.00	10.63	A19	EL=11	95
1805.00	10.68	A19	EL=11	95
1806.00	10.68	A19	EL=11	95
1851.00	10.74	A19	EL=11	95
1879.00	10.69	A19	EL=11	95
1903.00	10.72	A19	EL=11	95
1930.11	10.50	A19	EL=10	95
1945.29	9.50	A19	EL= 9	95
1945.30	9.50			
4155.00	9.80	A19	EL=10	95
4178.80	9.81			

4606.10	9.80			
4701.00	10.01	A19	EL=10	95
4715.00	10.03	A19	EL=10	95
4750.00	10.07	A19	EL=10	95
4788.00	10.12	A19	EL=10	95
4820.00	10.16	A19	EL=10	95
4828.00	10.17	A19	EL=10	95
4854.00	10.20	A19	EL=10	95
4892.00	10.24	A19	EL=10	95
5054.00	10.39	A19	EL=10	95
5076.00	10.41	A19	EL=10	95
5167.00	10.49	A19	EL=10	95
5185.67	10.50	A19	EL=10	95
5191.00	10.50	A19	EL=11	95
5253.95	10.50	A19	EL=11	95
5269.70	9.81	A19	EL=10	95

ZONE TERMINATED AT END OF TRANSECT
PART 7 POSTSCRIPT NOTES

PS# 1 START(364608.9079,4771531.0929)
PS# 2 END(363614.9415,4772913.1221)

-1.000000e+00