

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-14.dat

Output file: C:\Users\shayward\Desktop\Kittery\T2\3\_whafis\whafis4\YK-14.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	-6.468	1.000	1.000	9.190	19.936	14.032	56.140	0.002	0.000
OF	8.000	-6.455	0.000	9.193	0.000	0.000	0.000	0.000	0.002	0.000
OF	9.000	-6.453	0.000	9.193	0.000	0.000	0.000	0.000	0.002	0.000
OF	20.000	-6.435	0.000	9.197	0.000	0.000	0.000	0.000	0.002	0.000
OF	21.000	-6.433	0.000	9.197	0.000	0.000	0.000	0.000	0.002	0.000
OF	32.000	-6.414	0.000	9.201	0.000	0.000	0.000	0.000	0.002	0.000
OF	33.000	-6.413	0.000	9.202	0.000	0.000	0.000	0.000	-0.065	0.000
OF	45.000	-7.258	0.000	9.208	0.000	0.000	0.000	0.000	-0.045	0.000
OF	49.200	-7.150	0.000	9.197	0.000	0.000	0.000	0.000	0.026	0.000
OF	52.500	-7.065	0.000	9.203	0.000	0.000	0.000	0.000	0.026	0.000
OF	55.800	-6.981	0.000	9.210	0.000	0.000	0.000	0.000	0.026	0.000
OF	59.100	-6.897	0.000	9.216	0.000	0.000	0.000	0.000	0.026	0.000
OF	62.300	-6.812	0.000	9.222	0.000	0.000	0.000	0.000	0.026	0.000
OF	65.600	-6.728	0.000	9.229	0.000	0.000	0.000	0.000	0.025	0.000
OF	68.900	-6.644	0.000	9.235	0.000	0.000	0.000	0.000	0.025	0.000
OF	72.200	-6.559	0.000	9.241	0.000	0.000	0.000	0.000	0.025	0.000
OF	75.500	-6.475	0.000	9.248	0.000	0.000	0.000	0.000	0.026	0.000
OF	78.700	-6.391	0.000	9.256	0.000	0.000	0.000	0.000	0.026	0.000
OF	82.000	-6.306	0.000	9.262	0.000	0.000	0.000	0.000	0.025	0.000
OF	85.300	-6.222	0.000	9.269	0.000	0.000	0.000	0.000	0.025	0.000
OF	88.600	-6.138	0.000	9.275	0.000	0.000	0.000	0.000	0.025	0.000
OF	91.900	-6.054	0.000	9.281	0.000	0.000	0.000	0.000	0.026	0.000
OF	95.100	-5.969	0.000	9.287	0.000	0.000	0.000	0.000	0.026	0.000
OF	98.400	-5.885	0.000	9.293	0.000	0.000	0.000	0.000	0.025	0.000
OF	101.700	-5.801	0.000	9.299	0.000	0.000	0.000	0.000	0.025	0.000
OF	105.000	-5.716	0.000	9.304	0.000	0.000	0.000	0.000	0.025	0.000
OF	108.300	-5.632	0.000	9.310	0.000	0.000	0.000	0.000	0.026	0.000
OF	111.500	-5.548	0.000	9.315	0.000	0.000	0.000	0.000	0.026	0.000
OF	114.800	-5.464	0.000	9.321	0.000	0.000	0.000	0.000	0.025	0.000
OF	118.100	-5.379	0.000	9.326	0.000	0.000	0.000	0.000	0.025	0.000
OF	121.400	-5.295	0.000	9.331	0.000	0.000	0.000	0.000	0.025	0.000
OF	124.700	-5.211	0.000	9.336	0.000	0.000	0.000	0.000	0.025	0.000
OF	128.000	-5.126	0.000	9.341	0.000	0.000	0.000	0.000	0.026	0.000
OF	131.200	-5.042	0.000	9.346	0.000	0.000	0.000	0.000	0.026	0.000
OF	134.500	-4.958	0.000	9.351	0.000	0.000	0.000	0.000	0.026	0.000
OF	137.800	-4.873	0.000	9.356	0.000	0.000	0.000	0.000	0.025	0.000
OF	141.100	-4.789	0.000	9.361	0.000	0.000	0.000	0.000	0.025	0.000
OF	144.400	-4.705	0.000	9.366	0.000	0.000	0.000	0.000	0.026	0.000
OF	147.600	-4.620	0.000	9.370	0.000	0.000	0.000	0.000	0.026	0.000
OF	150.900	-4.536	0.000	9.375	0.000	0.000	0.000	0.000	0.025	0.000
OF	154.200	-4.452	0.000	9.380	0.000	0.000	0.000	0.000	0.025	0.000
OF	157.500	-4.367	0.000	9.384	0.000	0.000	0.000	0.000	0.025	0.000
OF	160.800	-4.283	0.000	9.389	0.000	0.000	0.000	0.000	0.026	0.000
OF	164.000	-4.199	0.000	9.394	0.000	0.000	0.000	0.000	0.026	0.000
OF	167.300	-4.115	0.000	9.399	0.000	0.000	0.000	0.000	0.025	0.000
OF	170.600	-4.030	0.000	9.403	0.000	0.000	0.000	0.000	0.025	0.000
OF	173.900	-3.946	0.000	9.408	0.000	0.000	0.000	0.000	0.025	0.000
OF	177.200	-3.862	0.000	9.413	0.000	0.000	0.000	0.000	0.026	0.000
OF	180.400	-3.777	0.000	9.417	0.000	0.000	0.000	0.000	0.026	0.000
OF	183.700	-3.693	0.000	9.422	0.000	0.000	0.000	0.000	0.025	0.000
OF	187.000	-3.609	0.000	9.426	0.000	0.000	0.000	0.000	0.025	0.000
OF	190.300	-3.524	0.000	9.431	0.000	0.000	0.000	0.000	0.025	0.000
OF	193.600	-3.440	0.000	9.436	0.000	0.000	0.000	0.000	0.026	0.000
OF	196.800	-3.356	0.000	9.440	0.000	0.000	0.000	0.000	0.026	0.000
OF	200.100	-3.272	0.000	9.445	0.000	0.000	0.000	0.000	0.025	0.000
OF	203.400	-3.187	0.000	9.450	0.000	0.000	0.000	0.000	0.025	0.000
OF	206.700	-3.103	0.000	9.454	0.000	0.000	0.000	0.000	0.025	0.000
OF	210.000	-3.019	0.000	9.459	0.000	0.000	0.000	0.000	0.026	0.000
OF	213.300	-2.934	0.000	9.464	0.000	0.000	0.000	0.000	0.026	0.000
OF	216.500	-2.850	0.000	9.468	0.000	0.000	0.000	0.000	0.026	0.000
OF	219.800	-2.766	0.000	9.472	0.000	0.000	0.000	0.000	0.025	0.000
OF	223.100	-2.681	0.000	9.477	0.000	0.000	0.000	0.000	0.025	0.000
OF	226.400	-2.597	0.000	9.481	0.000	0.000	0.000	0.000	0.025	0.000
OF	229.700	-2.513	0.000	9.486	0.000	0.000	0.000	0.000	0.026	0.000
OF	232.900	-2.428	0.000	9.490	0.000	0.000	0.000	0.000	0.026	0.000
OF	236.200	-2.344	0.000	9.494	0.000	0.000	0.000	0.000	0.025	0.000
OF	239.500	-2.260	0.000	9.498	0.000	0.000	0.000	0.000	0.025	0.000
OF	242.800	-2.176	0.000	9.502	0.000	0.000	0.000	0.000	0.025	0.000
OF	246.100	-2.091	0.000	9.507	0.000	0.000	0.000	0.000	0.026	0.000
OF	249.300	-2.007	0.000	9.511	0.000	0.000	0.000	0.000	0.026	0.000
OF	252.600	-1.923	0.000	9.516	0.000	0.000	0.000	0.000	0.025	0.000
OF	255.900	-1.838	0.000	9.520	0.000	0.000	0.000	0.000	0.025	0.000
OF	259.200	-1.754	0.000	9.524	0.000	0.000	0.000	0.000	0.025	0.000
OF	262.500	-1.670	0.000	9.528	0.000	0.000	0.000	0.000	0.026	0.000
OF	265.700	-1.586	0.000	9.532	0.000	0.000	0.000	0.000	0.026	0.000
OF	269.000	-1.501	0.000	9.537	0.000	0.000	0.000	0.000	0.025	0.000
OF	272.300	-1.417	0.000	9.541	0.000	0.000	0.000	0.000	0.025	0.000
OF	275.600	-1.333	0.000	9.545	0.000	0.000	0.000	0.000	0.025	0.000
OF	278.900	-1.248	0.000	9.549	0.000	0.000	0.000	0.000	0.025	0.000
OF	282.200	-1.164	0.000	9.554	0.000	0.000	0.000	0.000	0.026	0.000
OF	285.400	-1.080	0.000	9.558	0.000	0.000	0.000	0.000	0.026	0.000
OF	288.700	-0.995	0.000	9.562	0.000	0.000	0.000	0.000	0.026	0.000
OF	292.000	-0.911	0.000	9.566	0.000	0.000	0.000	0.000	0.115	0.000
OF	295.300	-0.235	0.000	9.561	0.000	0.000	0.000	0.000	0.146	0.000
IF	298.600	0.053	0.000	9.564	0.000	0.000	0.000	0.000	0.050	0.000
IF	301.800	0.090	0.000	9.572	0.000	0.000	0.000	0.000	-0.002	0.000
IF	305.100	0.041	0.000	9.581	0.000	0.000	0.000	0.000	-0.009	0.000
IF	308.400	0.033	0.000	9.588	0.000	0.000	0.000	0.000	-0.016	0.000
OF	311.700	-0.067	0.000	9.597	0.000	0.000	0.000	0.000	0.017	0.000
IF	315.000	0.143	0.000	9.600	0.000	0.000	0.000	0.000	0.031	0.000
IF	318.200	0.133	0.000	9.607	0.000	0.000	0.000	0.000	-0.041	0.000
OF	321.500	-0.123	0.000	9.616	0.000	0.000	0.000	0.000	-0.026	0.000
OF	324.800	-0.036	0.000	9.620	0.000	0.000	0.000	0.000	0.081	0.000

IF	328.100	0.412	0.000	9.619	0.000	0.000	0.000	0.000	0.092	0.000
IF	331.400	0.569	0.000	9.623	0.000	0.000	0.000	0.000	0.085	0.000
IF	334.600	0.962	0.000	9.623	0.000	0.000	0.000	0.000	0.086	0.000
IF	337.900	1.124	0.000	9.628	0.000	0.000	0.000	0.000	0.027	0.000
IF	341.200	1.138	0.000	9.636	0.000	0.000	0.000	0.000	0.010	0.000
IF	344.500	1.193	0.000	9.643	0.000	0.000	0.000	0.000	0.082	0.000
IF	347.800	1.676	0.000	9.642	0.000	0.000	0.000	0.000	0.098	0.000
IF	351.000	1.831	0.000	9.649	0.000	0.000	0.000	0.000	0.052	0.000
IF	354.300	2.015	0.000	9.656	0.000	0.000	0.000	0.000	0.037	0.000
IF	357.600	2.074	0.000	9.665	0.000	0.000	0.000	0.000	0.021	0.000
IF	360.900	2.152	0.000	9.674	0.000	0.000	0.000	0.000	0.039	0.000
IF	364.200	2.334	0.000	9.680	0.000	0.000	0.000	0.000	0.051	0.000
IF	367.500	2.488	0.000	9.688	0.000	0.000	0.000	0.000	0.049	0.000
IF	370.700	2.650	0.000	9.695	0.000	0.000	0.000	0.000	0.069	0.000
IF	374.000	2.935	0.000	9.701	0.000	0.000	0.000	0.000	0.075	0.000
IF	377.300	3.146	0.000	9.708	0.000	0.000	0.000	0.000	0.067	0.000
IF	380.600	3.375	0.000	9.717	0.000	0.000	0.000	0.000	0.056	0.000
IF	383.900	3.513	0.000	9.728	0.000	0.000	0.000	0.000	0.031	0.000
IF	387.100	3.577	0.000	9.741	0.000	0.000	0.000	0.000	0.083	0.000
IF	390.400	4.051	0.000	9.745	0.000	0.000	0.000	0.000	0.105	0.000
IF	393.700	4.266	0.000	9.756	0.000	0.000	0.000	0.000	0.121	0.000
IF	397.000	4.850	0.000	9.760	0.000	0.000	0.000	0.000	0.146	0.000
IF	400.300	5.233	0.000	9.777	0.000	0.000	0.000	0.000	0.103	0.000
IF	403.500	5.517	0.000	9.799	0.000	0.000	0.000	0.000	0.126	0.000
IF	406.800	6.050	0.000	9.815	0.000	0.000	0.000	0.000	0.196	0.000
IF	410.100	6.811	0.000	9.832	0.000	0.000	0.000	0.000	0.235	0.000
IF	413.400	7.598	0.000	9.968	0.000	0.000	0.000	0.000	0.190	0.000
IF	416.700	8.066	0.000	10.101	0.000	0.000	0.000	0.000	0.151	0.000
IF	419.900	8.580	0.000	10.234	0.000	0.000	0.000	0.000	0.129	0.000
IF	423.200	8.906	0.000	10.326	0.000	0.000	0.000	0.000	0.128	0.000
IF	430.000	9.877	0.000	10.326	0.000	0.000	0.000	0.000	0.148	0.000
IF	431.000	10.058	0.000	10.326	0.000	0.000	0.000	0.000	0.180	0.000
IF	432.500	10.326	0.000	10.326	0.000	0.000	0.000	0.000	0.178	0.000
AS	1535.100	9.461	0.000	9.461	0.000	0.000	0.000	0.000	-0.059	0.000
IF	1538.000	9.289	0.000	9.461	0.000	0.000	0.000	0.000	-0.028	0.000
IF	1541.000	9.298	0.000	9.461	0.000	0.000	0.000	0.000	-0.069	0.000
IF	1557.000	7.984	0.000	9.461	0.000	0.000	0.000	0.000	-0.076	0.000
IF	1558.000	8.012	0.000	9.461	0.000	0.000	0.000	0.000	0.106	0.000
IF	1565.000	8.829	0.000	9.461	0.000	0.000	0.000	0.000	0.027	0.000
IF	1574.000	8.451	0.000	9.461	0.000	0.000	0.000	0.000	-0.050	0.000
IF	1575.000	8.328	0.000	9.461	0.000	0.000	0.000	0.000	-0.023	0.000
IF	1586.000	8.180	0.000	9.461	0.000	0.000	0.000	0.000	-0.012	0.000
IF	1587.000	8.190	0.000	9.461	0.000	0.000	0.000	0.000	0.067	0.000
IF	1598.000	8.989	0.000	9.461	0.000	0.000	0.000	0.000	0.004	0.000
IF	1607.000	8.280	0.000	9.461	0.000	0.000	0.000	0.000	-0.082	0.000
IF	1608.000	8.165	0.000	9.461	0.000	0.000	0.000	0.000	0.001	0.000
IF	1621.000	8.296	0.000	9.461	0.000	0.000	0.000	0.000	0.012	0.000
IF	1622.000	8.332	0.000	9.461	0.000	0.000	0.000	0.000	0.023	0.000
IF	1631.000	8.524	0.000	9.461	0.000	0.000	0.000	0.000	0.008	0.000
IF	1632.000	8.411	0.000	9.461	0.000	0.000	0.000	0.000	-0.015	0.000
IF	1641.000	8.375	0.000	9.461	0.000	0.000	0.000	0.000	-0.004	0.000
IF	1643.000	8.371	0.000	9.461	0.000	0.000	0.000	0.000	-0.001	0.000
IF	1650.000	8.368	0.000	9.461	0.000	0.000	0.000	0.000	-0.011	0.000
IF	1652.000	8.269	0.000	9.461	0.000	0.000	0.000	0.000	-0.056	0.000
IF	1659.000	7.863	0.000	9.461	0.000	0.000	0.000	0.000	-0.048	0.000
IF	1660.000	7.886	0.000	9.461	0.000	0.000	0.000	0.000	0.045	0.000
IF	1679.000	8.753	0.000	9.461	0.000	0.000	0.000	0.000	-0.006	0.000
IF	1688.000	7.717	0.000	9.461	0.000	0.000	0.000	0.000	-0.116	0.000
IF	1689.000	7.595	0.000	9.461	0.000	0.000	0.000	0.000	0.026	0.000
IF	1703.000	8.110	0.000	9.461	0.000	0.000	0.000	0.000	0.036	0.000
IF	1704.000	8.140	0.000	9.461	0.000	0.000	0.000	0.000	0.022	0.000
IF	1719.000	8.459	0.000	9.461	0.000	0.000	0.000	0.000	0.017	0.000
IF	1720.000	8.406	0.000	9.461	0.000	0.000	0.000	0.000	-0.003	0.000
IF	1737.000	8.413	0.000	9.461	0.000	0.000	0.000	0.000	0.000	0.000
IF	1738.000	8.411	0.000	9.461	0.000	0.000	0.000	0.000	-0.013	0.000
IF	1749.000	8.263	0.000	9.461	0.000	0.000	0.000	0.000	-0.019	0.000
IF	1751.000	8.171	0.000	9.461	0.000	0.000	0.000	0.000	-0.008	0.000
IF	1767.000	8.113	0.000	9.461	0.000	0.000	0.000	0.000	-0.004	0.000
IF	1768.000	8.103	0.000	9.461	0.000	0.000	0.000	0.000	0.009	0.000
IF	1785.000	8.276	0.000	9.461	0.000	0.000	0.000	0.000	0.013	0.000
IF	1790.000	8.391	0.000	9.461	0.000	0.000	0.000	0.000	-0.008	0.000
IF	1796.000	8.189	0.000	9.461	0.000	0.000	0.000	0.000	-0.029	0.000
IF	1804.000	7.986	0.000	9.461	0.000	0.000	0.000	0.000	-0.026	0.000
IF	1805.000	7.956	0.000	9.461	0.000	0.000	0.000	0.000	0.022	0.000
IF	1812.000	8.159	0.000	9.461	0.000	0.000	0.000	0.000	-0.014	0.000
IF	1816.000	7.802	0.000	9.461	0.000	0.000	0.000	0.000	-0.060	0.000
IF	1824.000	7.438	0.000	9.461	0.000	0.000	0.000	0.000	-0.042	0.000
IF	1825.000	7.426	0.000	9.461	0.000	0.000	0.000	0.000	0.068	0.000
IF	1834.000	8.119	0.000	9.461	0.000	0.000	0.000	0.000	0.068	0.000
IF	1835.000	8.110	0.000	9.461	0.000	0.000	0.000	0.000	0.010	0.000
IF	1848.000	8.262	0.000	9.461	0.000	0.000	0.000	0.000	0.010	0.000
IF	1849.000	8.255	0.000	9.461	0.000	0.000	0.000	0.000	0.001	0.000
IF	1862.000	8.273	0.000	9.461	0.000	0.000	0.000	0.000	0.040	0.000
IF	1868.000	9.012	0.000	9.461	0.000	0.000	0.000	0.000	0.125	0.000
IF	1869.000	9.150	0.000	9.461	0.000	0.000	0.000	0.000	0.155	0.000
IF	1870.900	9.461	0.000	9.461	0.000	0.000	0.000	0.000	0.164	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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	END STATION	END ELEVATION	FETCH LENGTH	SURGE 10-YEAR	ELEV 100-YEAR	SURGE 100-YEAR	INITIAL WAVE HEIGHT	INITIAL W. PERIOD		BOTTOM SLOPE	AVERAGE A-ZONES
IE	0.000	-6.468	1.000	1.000	9.190	19.936	14.032	56.140		0.002	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	8.000	-6.455	0.000	9.193	0.000	0.000	0.000	0.000		0.002	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	9.000	-6.453	0.000	9.193	0.000	0.000	0.000	0.000		0.002	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	20.000	-6.435	0.000	9.197	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

OF	21.000	-6.433	0.000	9.197	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
OF	32.000	-6.414	0.000	9.201	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
OF	33.000	-6.413	0.000	9.202	0.000	0.000	0.000	0.000	-0.065	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	45.000	-7.258	0.000	9.208	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
OF	49.200	-7.150	0.000	9.197	0.000	0.000	0.000	0.000	0.026	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	52.500	-7.065	0.000	9.203	0.000	0.000	0.000	0.000	0.026	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	55.800	-6.981	0.000	9.210	0.000	0.000	0.000	0.000	0.026	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	59.100	-6.897	0.000	9.216	0.000	0.000	0.000	0.000	0.026	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	62.300	-6.812	0.000	9.222	0.000	0.000	0.000	0.000	0.026	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	65.600	-6.728	0.000	9.229	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	68.900	-6.644	0.000	9.235	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	72.200	-6.559	0.000	9.241	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	75.500	-6.475	0.000	9.248	0.000	0.000	0.000	0.000	0.026	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	78.700	-6.391	0.000	9.256	0.000	0.000	0.000	0.000	0.026	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	82.000	-6.306	0.000	9.262	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	85.300	-6.222	0.000	9.269	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	88.600	-6.138	0.000	9.275	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	147.600	-4.620	0.000	9.370	0.000	0.000	0.000	0.000	0.026	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	150.900	-4.536	0.000	9.375	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	154.200	-4.452	0.000	9.380	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	157.500	-4.367	0.000	9.384	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	160.800	-4.283	0.000	9.389	0.000	0.000	0.000	0.000	0.026	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	164.000	-4.199	0.000	9.394	0.000	0.000	0.000	0.000	0.026	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	167.300	-4.115	0.000	9.399	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	170.600	-4.030	0.000	9.403	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	173.900	-3.946	0.000	9.408	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	177.200	-3.862	0.000	9.413	0.000	0.000	0.000	0.000	0.026	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	180.400	-3.777	0.000	9.417	0.000	0.000	0.000	0.000	0.026	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	183.700	-3.693	0.000	9.422	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	187.000	-3.609	0.000	9.426	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	190.300	-3.524	0.000	9.431	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	193.600	-3.440	0.000	9.436	0.000	0.000	0.000	0.000	0.026	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	196.800	-3.356	0.000	9.440	0.000	0.000	0.000	0.000	0.026	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	200.100	-3.272	0.000	9.445	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	203.400	-3.187	0.000	9.450	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	206.700	-3.103	0.000	9.454	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	210.000	-3.019	0.000	9.459	0.000	0.000	0.000	0.000	0.026	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	213.300	-2.934	0.000	9.464	0.000	0.000	0.000	0.000	0.026	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	216.500	-2.850	0.000	9.468	0.000	0.000	0.000	0.000	0.026	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	219.800	-2.766	0.000	9.472	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	223.100	-2.681	0.000	9.477	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	226.400	-2.597	0.000	9.481	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	229.700	-2.513	0.000	9.486	0.000	0.000	0.000	0.000	0.026	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	232.900	-2.428	0.000	9.490	0.000	0.000	0.000	0.000	0.026	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	236.200	-2.344	0.000	9.494	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	239.500	-2.260	0.000	9.498	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	242.800	-2.176	0.000	9.502	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	246.100	-2.091	0.000	9.507	0.000	0.000	0.000	0.000	0.026	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	249.300	-2.007	0.000	9.511	0.000	0.000	0.000	0.000	0.026	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	252.600	-1.923	0.000	9.516	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	255.900	-1.838	0.000	9.520	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	259.200	-1.754	0.000	9.524	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	262.500	-1.670	0.000	9.528	0.000	0.000	0.000	0.000	0.026	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	265.700	-1.586	0.000	9.532	0.000	0.000	0.000	0.000	0.026	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	269.000	-1.501	0.000	9.537	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	272.300	-1.417	0.000	9.541	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	275.600	-1.333	0.000	9.545	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	278.900	-1.248	0.000	9.549	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	282.200	-1.164	0.000	9.554	0.000	0.000	0.000	0.000	0.026	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	285.400	-1.080	0.000	9.558	0.000	0.000	0.000	0.000	0.026	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	288.700	-0.995	0.000	9.562	0.000	0.000	0.000	0.000	0.026	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	292.000	-0.911	0.000	9.566	0.000	0.000	0.000	0.000	0.115	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	295.300	-0.235	0.000	9.561	0.000	0.000	0.000	0.000	0.146	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	298.600	0.053	0.000	9.564	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	301.800	0.090	0.000	9.572	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	305.100	0.041	0.000	9.581	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	308.400	0.033	0.000	9.588	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
OF	311.700	-0.067	0.000	9.597	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	315.000	0.143	0.000	9.600	0.000	0.000	0.000	0.000	0.031	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	318.200	0.133	0.000	9.607	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	321.500	-0.123	0.000	9.616	0.000	0.000	0.000	0.000	-0.026	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	324.800	-0.036	0.000	9.620	0.000	0.000	0.000	0.000	0.081	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	328.100	0.412	0.000	9.619	0.000	0.000	0.000	0.000	0.092	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	331.400	0.569	0.000	9.623	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	334.600	0.962	0.000	9.623	0.000	0.000	0.000	0.000	0.086	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	337.900	1.124	0.000	9.628	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	341.200	1.138	0.000	9.636	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	344.500	1.193	0.000	9.643	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	347.800	1.676	0.000	9.642	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	351.000	1.831	0.000	9.649	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	354.300	2.015	0.000	9.656	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	357.600	2.074	0.000	9.665	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	360.900	2.152	0.000	9.674	0.000	0.000	0.000	0.000	0.039	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	364.200	2.334	0.000	9.680	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	367.500	2.488	0.000	9.688	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	370.700	2.650	0.000	9.695	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	374.000	2.935	0.000	9.701	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	377.300	3.146	0.000	9.708	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	380.600	3.375	0.000	9.717	0.000	0.000	0.000	0.000	0.056	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	383.900	3.513	0.000	9.728	0.000	0.000	0.000	0.000	0.031	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	387.100	3.577	0.000	9.741	0.000	0.000	0.000	0.000	0.083	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	390.400	4.051	0.000	9.745	0.000	0.000	0.000	0.000	0.105	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	393.700	4.266	0.000	9.756	0.000	0.000	0.000	0.000	0.121	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	397.000	4.850	0.000	9.760	0.000	0.000	0.000	0.000	0.146	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	400.300	5.233	0.000	9.777	0.000	0.000	0.000	0.000	0.103	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	403.500	5.517	0.000	9.799	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	406.800	6.050	0.000	9.815	0.000	0.000	0.000	0.000	0.196	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	410.100	6.811	0.000	9.832	0.000	0.000	0.000	0.000	0.235	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	413.400	7.598	0.000	9.968	0.000	0.000	0.000	0.000	0.190	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	416.700	8.066	0.000	10.101	0.000	0.000	0.000	0.000	0.151	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	419.900	8.580	0.000	10.234	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	423.200	8.906	0.000	10.326	0.000	0.000	0.000	0.000	0.128	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	430.000	9.877	0.000	10.326	0.000	0.000	0.000	0.000	0.148	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	431.000	10.058	0.000	10.326	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	432.500	10.326	0.000	10.326	0.000	0.000	0.000	0.000	0.178	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
AS	1535.100	9.461	0.000	9.461	0.000	0.000	0.000	0.000	-0.059	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1538.000	9.289	0.000	9.461	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	1541.000	9.298	0.000	9.461	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	1557.000	7.984	0.000	9.461	0.000	0.000	0.000	0.000	-0.076	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1558.000	8.012	0.000	9.461	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	1565.000	8.829	0.000	9.461	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	1574.000	8.451	0.000	9.461	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	1575.000	8.328	0.000	9.461	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	1586.000	8.180	0.000	9.461	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	1587.000	8.190	0.000	9.461	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	1598.000	8.989	0.000	9.461	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	1607.000	8.280	0.000	9.461	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	1608.000	8.165	0.000	9.461	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	1621.000	8.296	0.000	9.461	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	1622.000 END	8.332 END	0.000 NEW SURGE	9.461 NEW SURGE	0.000	0.000	0.000	0.000	0.023 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1631.000 END	8.524 END	0.000 NEW SURGE	9.461 NEW SURGE	0.000	0.000	0.000	0.000	0.008 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1632.000 END	8.411 END	0.000 NEW SURGE	9.461 NEW SURGE	0.000	0.000	0.000	0.000	-0.015 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1641.000 END	8.375 END	0.000 NEW SURGE	9.461 NEW SURGE	0.000	0.000	0.000	0.000	-0.004 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1643.000 END	8.371 END	0.000 NEW SURGE	9.461 NEW SURGE	0.000	0.000	0.000	0.000	-0.001 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1650.000 END	8.368 END	0.000 NEW SURGE	9.461 NEW SURGE	0.000	0.000	0.000	0.000	-0.011 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1652.000 END	8.269 END	0.000 NEW SURGE	9.461 NEW SURGE	0.000	0.000	0.000	0.000	-0.056 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1659.000 END	7.863 END	0.000 NEW SURGE	9.461 NEW SURGE	0.000	0.000	0.000	0.000	-0.048 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1660.000 END	7.886 END	0.000 NEW SURGE	9.461 NEW SURGE	0.000	0.000	0.000	0.000	0.045 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1679.000 END	8.753 END	0.000 NEW SURGE	9.461 NEW SURGE	0.000	0.000	0.000	0.000	-0.006 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1688.000 END	7.717 END	0.000 NEW SURGE	9.461 NEW SURGE	0.000	0.000	0.000	0.000	-0.116 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1689.000 END	7.595 END	0.000 NEW SURGE	9.461 NEW SURGE	0.000	0.000	0.000	0.000	0.026 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1703.000 END	8.110 END	0.000 NEW SURGE	9.461 NEW SURGE	0.000	0.000	0.000	0.000	0.036 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1704.000 END	8.140 END	0.000 NEW SURGE	9.461 NEW SURGE	0.000	0.000	0.000	0.000	0.022 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1719.000 END	8.459 END	0.000 NEW SURGE	9.461 NEW SURGE	0.000	0.000	0.000	0.000	0.017 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1720.000 END	8.406 END	0.000 NEW SURGE	9.461 NEW SURGE	0.000	0.000	0.000	0.000	-0.003 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1737.000 END	8.413 END	0.000 NEW SURGE	9.461 NEW SURGE	0.000	0.000	0.000	0.000	0.000 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1738.000 END	8.411 END	0.000 NEW SURGE	9.461 NEW SURGE	0.000	0.000	0.000	0.000	-0.013 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1749.000 END	8.263 END	0.000 NEW SURGE	9.461 NEW SURGE	0.000	0.000	0.000	0.000	-0.019 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1751.000 END	8.171 END	0.000 NEW SURGE	9.461 NEW SURGE	0.000	0.000	0.000	0.000	-0.008 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-Y							

IF	1849.000	8.255	0.000	9.461	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	1862.000	8.273	0.000	9.461	0.000	0.000	0.000	0.000	0.040	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1868.000	9.012	0.000	9.461	0.000	0.000	0.000	0.000	0.125	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1869.000	9.150	0.000	9.461	0.000	0.000	0.000	0.000	0.155	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	1870.900	9.461	0.000	9.461	0.000	0.000	0.000	0.000	0.164	0.000
-----END OF TRANSECT-----										

NOTE:

SURGE ELEVATION INCLUDES CONTRIBUTIONS FROM ASTRONOMICAL AND STORM TIDES.

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PART2: CONTROLLING WAVE HEIGHTS, SPECTRAL PEAK WAVE PERIOD, AND WAVE CREST ELEVATIONS				
LOCATION	CONTROLLING WAVE HEIGHT	SPECTRAL PEAK WAVE PERIOD	WAVE CREST ELEVATION	
IE	0.00	11.92	14.03	17.53
OF	8.00	11.91	14.03	17.53
OF	9.00	11.91	14.03	17.53
OF	20.00	11.90	14.03	17.53
OF	21.00	11.90	14.03	17.53
OF	32.00	11.89	14.03	17.52
OF	33.00	11.89	14.03	17.52
OF	45.00	12.06	14.03	17.65
OF	49.20	12.04	14.03	17.62
OF	52.50	12.03	14.03	17.62
OF	55.80	12.01	14.03	17.62
OF	59.10	12.00	14.03	17.62
OF	62.30	11.99	14.03	17.61
OF	65.60	11.97	14.03	17.61
OF	68.90	11.96	14.03	17.61
OF	72.20	11.95	14.03	17.60
OF	75.50	11.93	14.03	17.60
OF	78.70	11.91	14.03	17.60
OF	82.00	11.85	14.03	17.56
OF	85.30	11.80	14.03	17.53
OF	88.60	11.74	14.03	17.49
OF	91.90	11.68	14.03	17.46
OF	95.10	11.62	14.03	17.42
OF	98.40	11.56	14.03	17.39
OF	101.70	11.51	14.03	17.35
OF	105.00	11.45	14.03	17.32
OF	108.30	11.39	14.03	17.28
OF	111.50	11.33	14.03	17.25
OF	114.80	11.27	14.03	17.21
OF	118.10	11.21	14.03	17.17
OF	121.40	11.15	14.03	17.14
OF	124.70	11.09	14.03	17.10
OF	128.00	11.03	14.03	17.07
OF	131.20	10.98	14.03	17.03
OF	134.50	10.92	14.03	16.99
OF	137.80	10.86	14.03	16.96
OF	141.10	10.80	14.03	16.92
OF	144.40	10.74	14.03	16.88
OF	147.60	10.68	14.03	16.84
OF	150.90	10.62	14.03	16.81
OF	154.20	10.56	14.03	16.77
OF	157.50	10.50	14.03	16.73
OF	160.80	10.44	14.03	16.70
OF	164.00	10.38	14.03	16.66
OF	167.30	10.32	14.03	16.62
OF	170.60	10.26	14.03	16.59
OF	173.90	10.20	14.03	16.55
OF	177.20	10.14	14.03	16.51
OF	180.40	10.08	14.03	16.48
OF	183.70	10.02	14.03	16.44
OF	187.00	9.96	14.03	16.40
OF	190.30	9.90	14.03	16.36
OF	193.60	9.84	14.03	16.33
OF	196.80	9.79	14.03	16.29
OF	200.10	9.73	14.03	16.25
OF	203.40	9.67	14.03	16.22
OF	206.70	9.61	14.03	16.18
OF	210.00	9.55	14.03	16.14
OF	213.30	9.49	14.03	16.10
OF	216.50	9.43	14.03	16.07
OF	219.80	9.37	14.03	16.03
OF	223.10	9.31	14.03	15.99
OF	226.40	9.25	14.03	15.95
OF	229.70	9.19	14.03	15.92
OF	232.90	9.13	14.03	15.88
OF	236.20	9.07	14.03	15.84
OF	239.50	9.01	14.03	15.80
OF	242.80	8.95	14.03	15.76
OF	246.10	8.89	14.03	15.73
OF	249.30	8.83	14.03	15.69
OF	252.60	8.77	14.03	15.65
OF	255.90	8.70	14.03	15.61
OF	259.20	8.64	14.03	15.58
OF	262.50	8.58	14.03	15.54
OF	265.70	8.52	14.03	15.50
OF	269.00	8.46	14.03	15.46
OF	272.30	8.40	14.03	15.42
OF	275.60	8.34	14.03	15.39
OF	278.90	8.28	14.03	15.35
OF	282.20	8.22	14.03	15.31
OF	285.40	8.16	14.03	15.27



OF	288.70	8.10	14.03	15.23
OF	292.00	8.04	14.03	15.19
OF	295.30	7.53	14.03	14.83
IF	298.60	7.31	14.03	14.68
IF	301.80	7.29	14.03	14.67
IF	305.10	7.30	14.03	14.69
IF	308.40	7.30	14.03	14.70
OF	311.70	7.33	14.03	14.73
IF	315.00	7.27	14.03	14.69
IF	318.20	7.27	14.03	14.70
OF	321.50	7.33	14.03	14.74
OF	324.80	7.31	14.03	14.74
IF	328.10	7.08	14.03	14.57
IF	331.40	6.96	14.03	14.50
IF	334.60	6.67	14.03	14.29
IF	337.90	6.55	14.03	14.21
IF	341.20	6.54	14.03	14.22
IF	344.50	6.50	14.03	14.20
IF	347.80	6.14	14.03	13.94
IF	351.00	6.02	14.03	13.87
IF	354.30	5.89	14.03	13.78
IF	357.60	5.85	14.03	13.76
IF	360.90	5.80	14.03	13.73
IF	364.20	5.66	14.03	13.65
IF	367.50	5.55	14.03	13.58
IF	370.70	5.44	14.03	13.50
IF	374.00	5.22	14.03	13.36
IF	377.30	5.07	14.03	13.25
IF	380.60	4.90	14.03	13.15
IF	383.90	4.80	14.03	13.09
IF	387.10	4.76	14.03	13.07
IF	390.40	4.40	14.03	12.83
IF	393.70	4.25	14.03	12.73
IF	397.00	3.80	14.03	12.42
IF	400.30	3.52	14.03	12.24
IF	403.50	3.32	14.03	12.12
IF	406.80	2.92	14.03	11.86
IF	410.10	2.35	14.03	11.47
IF	413.40	1.84	14.03	11.26
IF	416.70	1.58	14.03	11.21
IF	419.90	1.29	14.03	11.13
IF	423.20	1.11	14.03	11.10
IF	430.00	0.35	14.03	10.57
IF	431.00	0.21	14.03	10.47
IF	432.50	0.01	14.03	10.33
AS	1535.10	0.00	0.00	9.46
IF	1538.00	0.03	0.21	9.48
IF	1541.00	0.05	0.26	9.49
IF	1557.00	0.11	0.39	9.54
IF	1558.00	0.12	0.40	9.54
IF	1565.00	0.14	0.44	9.56
IF	1574.00	0.17	0.48	9.58
IF	1575.00	0.17	0.48	9.58
IF	1586.00	0.20	0.52	9.60
IF	1587.00	0.20	0.52	9.60
IF	1598.00	0.21	0.56	9.61
IF	1607.00	0.25	0.58	9.64
IF	1608.00	0.25	0.59	9.64
IF	1621.00	0.28	0.62	9.66
IF	1622.00	0.28	0.62	9.66
IF	1631.00	0.30	0.64	9.67
IF	1632.00	0.30	0.64	9.67
IF	1641.00	0.32	0.66	9.68
IF	1643.00	0.32	0.67	9.69
IF	1650.00	0.33	0.68	9.70
IF	1652.00	0.34	0.69	9.70
IF	1659.00	0.36	0.70	9.71
IF	1660.00	0.36	0.70	9.71
IF	1679.00	0.34	0.73	9.70
IF	1688.00	0.41	0.75	9.75
IF	1689.00	0.41	0.75	9.75
IF	1703.00	0.43	0.77	9.76
IF	1704.00	0.43	0.77	9.76
IF	1719.00	0.43	0.80	9.76
IF	1720.00	0.43	0.80	9.76
IF	1737.00	0.45	0.82	9.78
IF	1738.00	0.45	0.82	9.78
IF	1749.00	0.48	0.84	9.80
IF	1751.00	0.49	0.84	9.80
IF	1767.00	0.51	0.86	9.82
IF	1768.00	0.52	0.86	9.82
IF	1785.00	0.52	0.88	9.82
IF	1790.00	0.50	0.89	9.81
IF	1796.00	0.54	0.89	9.84
IF	1804.00	0.57	0.90	9.86
IF	1805.00	0.57	0.90	9.86
IF	1812.00	0.56	0.91	9.85
IF	1816.00	0.59	0.92	9.87
IF	1824.00	0.62	0.92	9.89
IF	1825.00	0.62	0.93	9.89
IF	1834.00	0.58	0.94	9.87
IF	1835.00	0.59	0.94	9.87
IF	1848.00	0.57	0.95	9.86
IF	1849.00	0.57	0.95	9.86
IF	1862.00	0.58	0.96	9.87
IF	1868.00	0.30	0.97	9.67
IF	1869.00	0.22	0.97	9.61
IF	1870.90	0.01	0.97	9.47

PART3 LOCATION OF AREAS ABOVE 100-YEAR SURGE  
 BETWEEN 432.50 AND 1535.10  
 PART4 LOCATION OF SURGE CHANGES  
 STATION 10-YEAR SURGE 100-YEAR SURGE

8.00	1.00	9.19
20.00	1.00	9.20
32.00	1.00	9.20
33.00	1.00	9.20
45.00	1.00	9.21
49.20	1.00	9.20
52.50	1.00	9.20
55.80	1.00	9.21
59.10	1.00	9.22
62.30	1.00	9.22
65.60	1.00	9.23
68.90	1.00	9.23
72.20	1.00	9.24
75.50	1.00	9.25
78.70	1.00	9.26
82.00	1.00	9.26
85.30	1.00	9.27
88.60	1.00	9.27
91.90	1.00	9.28
95.10	1.00	9.29
98.40	1.00	9.29
101.70	1.00	9.30
105.00	1.00	9.30
108.30	1.00	9.31
111.50	1.00	9.31
114.80	1.00	9.32
118.10	1.00	9.33
121.40	1.00	9.33
124.70	1.00	9.34
128.00	1.00	9.34
131.20	1.00	9.35
134.50	1.00	9.35
137.80	1.00	9.36
141.10	1.00	9.36
144.40	1.00	9.37
147.60	1.00	9.37
150.90	1.00	9.38
154.20	1.00	9.38
157.50	1.00	9.38
160.80	1.00	9.39
164.00	1.00	9.39
167.30	1.00	9.40
170.60	1.00	9.40
173.90	1.00	9.41
177.20	1.00	9.41
180.40	1.00	9.42
183.70	1.00	9.42
187.00	1.00	9.43
190.30	1.00	9.43
193.60	1.00	9.44
196.80	1.00	9.44
200.10	1.00	9.44
203.40	1.00	9.45
206.70	1.00	9.45
210.00	1.00	9.46
213.30	1.00	9.46
216.50	1.00	9.47
219.80	1.00	9.47
223.10	1.00	9.48
226.40	1.00	9.48
229.70	1.00	9.49
232.90	1.00	9.49
236.20	1.00	9.49
239.50	1.00	9.50
242.80	1.00	9.50
246.10	1.00	9.51
249.30	1.00	9.51
252.60	1.00	9.52
255.90	1.00	9.52
259.20	1.00	9.52
262.50	1.00	9.53
265.70	1.00	9.53
269.00	1.00	9.54
272.30	1.00	9.54
275.60	1.00	9.55
278.90	1.00	9.55
282.20	1.00	9.55
285.40	1.00	9.56
288.70	1.00	9.56
292.00	1.00	9.57
295.30	1.00	9.56
298.60	1.00	9.56
301.80	1.00	9.57
305.10	1.00	9.58
308.40	1.00	9.59
311.70	1.00	9.60
315.00	1.00	9.60
318.20	1.00	9.61
321.50	1.00	9.62
324.80	1.00	9.62
328.10	1.00	9.62
331.40	1.00	9.62
337.90	1.00	9.63
341.20	1.00	9.64
344.50	1.00	9.64
347.80	1.00	9.64
351.00	1.00	9.65
354.30	1.00	9.66
357.60	1.00	9.66
360.90	1.00	9.67
364.20	1.00	9.68
367.50	1.00	9.69

370.70	1.00	9.69
374.00	1.00	9.70
377.30	1.00	9.71
380.60	1.00	9.72
383.90	1.00	9.73
387.10	1.00	9.74
390.40	1.00	9.74
393.70	1.00	9.76
397.00	1.00	9.76
400.30	1.00	9.78
403.50	1.00	9.80
406.80	1.00	9.81
410.10	1.00	9.83
413.40	1.00	9.97
416.70	1.00	10.10
419.90	1.00	10.23
423.20	1.00	10.33
1535.10	1.00	9.46

PART5 LOCATION OF V ZONES

STATION OF GUTTER	LOCATION OF ZONE
406.13	WINDWARD

PART6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER	ELEVATION	ZONE DESIGNATION	FHF
0.00	17.53		
8.00	17.53	V23 EL=18	130
9.00	17.53	V23 EL=18	130
20.00	17.53	V23 EL=18	130
21.00	17.53	V23 EL=18	130
32.00	17.52	V23 EL=18	130
33.00	17.52	V23 EL=18	130
45.00	17.65	V23 EL=18	130
49.20	17.62	V23 EL=18	130
52.50	17.62	V23 EL=18	130
55.80	17.62	V23 EL=18	130
59.10	17.62	V23 EL=18	130
62.30	17.61	V23 EL=18	130
65.60	17.61	V23 EL=18	130
68.90	17.61	V23 EL=18	130
72.20	17.60	V23 EL=18	130
75.50	17.60	V23 EL=18	130
78.70	17.60	V23 EL=18	130
82.00	17.56	V23 EL=18	130
85.30	17.53	V23 EL=18	130
87.87	17.50	V23 EL=17	130
88.60	17.49	V23 EL=17	130
91.90	17.46	V23 EL=17	130
95.10	17.42	V23 EL=17	130
98.40	17.39	V23 EL=17	130
101.70	17.35	V23 EL=17	130
105.00	17.32	V23 EL=17	130
108.30	17.28	V23 EL=17	130
111.50	17.25	V23 EL=17	130
114.80	17.21	V23 EL=17	130
118.10	17.17	V23 EL=17	130
121.40	17.14	V23 EL=17	130
124.70	17.10	V23 EL=17	130
128.00	17.07	V23 EL=17	130
131.20	17.03	V23 EL=17	130
134.50	16.99	V23 EL=17	130
137.80	16.96	V23 EL=17	130
141.10	16.92	V23 EL=17	130
144.40	16.88	V23 EL=17	130
147.60	16.84		

		V23	EL=17	130
150.90	16.81			
154.20	16.77	V23	EL=17	130
157.50	16.73	V23	EL=17	130
160.80	16.70	V23	EL=17	130
164.00	16.66	V23	EL=17	130
167.30	16.62	V23	EL=17	130
170.60	16.59	V23	EL=17	130
173.90	16.55	V23	EL=17	130
177.20	16.51	V23	EL=17	130
178.34	16.50	V23	EL=16	130
180.40	16.48	V23	EL=16	130
183.70	16.44	V23	EL=16	130
187.00	16.40	V23	EL=16	130
190.30	16.36	V23	EL=16	130
193.60	16.33	V23	EL=16	130
196.80	16.29	V23	EL=16	130
200.10	16.25	V23	EL=16	130
203.40	16.22	V23	EL=16	130
206.70	16.18	V23	EL=16	130
210.00	16.14	V23	EL=16	130
213.30	16.10	V23	EL=16	130
216.50	16.07	V23	EL=16	130
219.80	16.03	V23	EL=16	130
223.10	15.99	V23	EL=16	130
226.40	15.95	V23	EL=16	130
229.70	15.92	V23	EL=16	130
232.90	15.88	V23	EL=16	130
236.20	15.84	V23	EL=16	130
239.50	15.80	V23	EL=16	130
242.80	15.76	V23	EL=16	130
246.10	15.73	V23	EL=16	130
249.30	15.69	V23	EL=16	130
252.60	15.65	V23	EL=16	130
255.90	15.61	V23	EL=16	130
259.20	15.58	V23	EL=16	130
262.50	15.54	V23	EL=16	130
265.59	15.50	V23	EL=15	130
265.70	15.50	V23	EL=15	130
269.00	15.46	V23	EL=15	130
272.30	15.42	V23	EL=15	130
275.60	15.39	V23	EL=15	130
278.90	15.35	V23	EL=15	130
282.20	15.31	V23	EL=15	130
285.40	15.27	V23	EL=15	130
288.70	15.23	V23	EL=15	130
292.00	15.19	V23	EL=15	130
295.30	14.83	V23	EL=15	130
298.60	14.68	V23	EL=15	130
301.80	14.67	V23	EL=15	130
305.10	14.69	V23	EL=15	130
308.40	14.70			

311.70	14.73	V23	EL=15	130
315.00	14.69	V23	EL=15	130
318.20	14.70	V23	EL=15	130
321.50	14.74	V23	EL=15	130
324.80	14.74	V23	EL=15	130
328.10	14.57	V23	EL=15	130
331.29	14.50	V23	EL=14	130
331.40	14.50	V23	EL=14	130
334.60	14.29	V23	EL=14	130
337.90	14.21	V23	EL=14	130
341.20	14.22	V23	EL=14	130
344.50	14.20	V23	EL=14	130
347.80	13.94	V23	EL=14	130
351.00	13.87	V23	EL=14	130
354.30	13.78	V23	EL=14	130
357.60	13.76	V23	EL=14	130
360.90	13.73	V23	EL=14	130
364.20	13.65	V23	EL=14	130
367.50	13.58	V23	EL=14	130
370.68	13.50	V23	EL=13	130
370.70	13.50	V23	EL=13	130
374.00	13.36	V23	EL=13	130
377.30	13.25	V24	EL=13	140
380.60	13.15	V24	EL=13	140
383.90	13.09	V24	EL=13	140
387.10	13.07	V24	EL=13	140
390.40	12.83	V24	EL=13	140
393.70	12.73	V24	EL=13	140
396.15	12.50	V24	EL=12	140
397.00	12.42	V24	EL=12	140
400.30	12.24	V24	EL=12	140
403.50	12.12	V24	EL=12	140
406.13	11.91	A18	EL=12	90
406.80	11.86	A18	EL=12	90
409.87	11.50	A18	EL=11	90
410.10	11.47	A18	EL=11	90
413.40	11.26	A18	EL=11	90
416.70	11.21	A18	EL=11	90
419.90	11.13	A18	EL=11	90
423.20	11.10	A18	EL=11	90
430.72	10.50	A18	EL=10	90
432.50	10.33	A18	EL= 9	90
1535.10	9.46	A18	EL=10	90
1542.82	9.50	A18	EL= 9	90
1870.47	9.50	A18	EL= 9	90
1870.90	9.47			

ZONE TERMINATED AT END OF TRANSECT  
PART 7 POSTSCRIPT NOTES

PS# 1 START(364553.2393,4770947.9307)  
PS# 2 END(363899.1929,4771000.183)

-1.000000e+00