

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

Executed on: Thu Feb 20 14:57:36 2020

Input file: C:\FEMA-TransectAnalysis\LOMR-TransectAnalysis-Harpswell\3_whafis\whafis4\CM-135-2.dat

Output file: C:\FEMA-TransectAnalysis\LOMR-TransectAnalysis-Harpswell\3_whafis\whafis4\CM-135-2.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	-6.685	1.000	1.000	8.844	3.558	4.231	56.140	0.084	0.000
OF	1.000	-6.601	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000
OF	2.000	-6.517	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000
OF	3.000	-6.433	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000
OF	4.000	-6.349	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000
OF	5.000	-6.265	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000
OF	6.000	-6.181	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000
OF	7.000	-6.096	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000
OF	8.000	-6.012	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000
OF	9.000	-5.928	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000
OF	10.000	-5.844	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000
OF	11.000	-5.760	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000
OF	12.000	-5.676	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000
OF	13.000	-5.592	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000
OF	14.000	-5.508	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000
OF	15.000	-5.424	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000
OF	16.000	-5.340	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000
OF	17.000	-5.256	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000
OF	18.000	-5.172	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000
OF	19.000	-5.088	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000
OF	20.000	-5.003	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000
OF	21.000	-4.919	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000
OF	22.000	-4.835	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000
OF	23.000	-4.751	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000
OF	24.000	-4.667	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000
OF	25.000	-4.583	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000
OF	26.000	-4.499	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000
OF	27.000	-4.415	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000
OF	28.000	-4.331	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000
OF	29.000	-4.247	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000
OF	30.000	-4.162	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000
OF	31.000	-4.078	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000
OF	32.000	-3.994	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000
OF	33.000	-3.910	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000
OF	34.000	-3.826	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000
OF	35.000	-3.742	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000
OF	36.000	-3.658	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000
OF	37.000	-3.574	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000
OF	38.000	-3.490	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000
OF	39.000	-3.406	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000
OF	40.000	-3.322	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000
OF	41.000	-3.237	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000
OF	42.000	-3.153	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000
OF	43.000	-3.069	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000
OF	44.000	-2.985	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000
OF	45.000	-2.901	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000
OF	46.000	-2.817	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000
OF	47.000	-2.733	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000
OF	48.000	-2.649	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000
OF	49.000	-2.565	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000
OF	50.000	-2.481	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000
OF	51.000	-2.397	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000
OF	52.000	-2.312	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000
OF	53.000	-2.228	0.000	8.847	0.000	0.000	0.000	0.000	0.084	0.000
OF	54.000	-2.144	0.000	8.847	0.000	0.000	0.000	0.000	0.084	0.000
OF	55.000	-2.060	0.000	8.847	0.000	0.000	0.000	0.000	0.084	0.000
OF	56.000	-1.976	0.000	8.847	0.000	0.000	0.000	0.000	0.084	0.000
OF	57.000	-1.892	0.000	8.847	0.000	0.000	0.000	0.000	0.084	0.000
OF	58.000	-1.808	0.000	8.847	0.000	0.000	0.000	0.000	0.084	0.000
OF	59.000	-1.724	0.000	8.847	0.000	0.000	0.000	0.000	0.084	0.000
OF	60.000	-1.640	0.000	8.847	0.000	0.000	0.000	0.000	0.084	0.000
OF	61.000	-1.556	0.000	8.847	0.000	0.000	0.000	0.000	0.084	0.000
OF	62.000	-1.471	0.000	8.847	0.000	0.000	0.000	0.000	0.084	0.000
OF	63.000	-1.387	0.000	8.847	0.000	0.000	0.000	0.000	0.084	0.000
OF	64.000	-1.303	0.000	8.847	0.000	0.000	0.000	0.000	0.084	0.000
OF	65.000	-1.219	0.000	8.847	0.000	0.000	0.000	0.000	0.084	0.000
OF	66.000	-1.135	0.000	8.847	0.000	0.000	0.000	0.000	0.084	0.000
OF	67.000	-1.051	0.000	8.847	0.000	0.000	0.000	0.000	0.091	0.000
OF	68.000	-0.954	0.000	8.847	0.000	0.000	0.000	0.000	0.099	0.000
OF	69.000	-0.853	0.000	8.847	0.000	0.000	0.000	0.000	0.101	0.000
OF	70.000	-0.753	0.000	8.847	0.000	0.000	0.000	0.000	0.101	0.000
OF	71.000	-0.652	0.000	8.847	0.000	0.000	0.000	0.000	0.101	0.000
OF	72.000	-0.551	0.000	8.847	0.000	0.000	0.000	0.000	0.101	0.000
OF	73.000	-0.451	0.000	8.848	0.000	0.000	0.000	0.000	0.101	0.000
OF	74.000	-0.350	0.000	8.848	0.000	0.000	0.000	0.000	0.101	0.000
OF	75.000	-0.249	0.000	8.848	0.000	0.000	0.000	0.000	0.101	0.000
OF	76.000	-0.148	0.000	8.848	0.000	0.000	0.000	0.000	0.101	0.000
OF	77.000	-0.048	0.000	8.848	0.000	0.000	0.000	0.000	0.101	0.000
IF	78.000	0.053	0.000	8.848	0.000	0.000	0.000	0.000	0.076	0.000
IF	79.000	0.104	0.000	8.848	0.000	0.000	0.000	0.000	0.040	0.000
IF	80.000	0.133	0.000	8.848	0.000	0.000	0.000	0.000	0.029	0.000
IF	81.000	0.162	0.000	8.848	0.000	0.000	0.000	0.000	0.031	0.000
IF	82.000	0.194	0.000	8.848	0.000	0.000	0.000	0.000	0.064	0.000
IF	83.000	0.290	0.000	8.848	0.000	0.000	0.000	0.000	0.097	0.000
IF	84.000	0.387	0.000	8.848	0.000	0.000	0.000	0.000	0.097	0.000
IF	85.000	0.483	0.000	8.848	0.000	0.000	0.000	0.000	0.097	0.000
IF	86.000	0.580	0.000	8.848	0.000	0.000	0.000	0.000	0.097	0.000
IF	87.000	0.676	0.000	8.848	0.000	0.000	0.000	0.000	0.097	0.000
IF	88.000	0.773	0.000	8.848	0.000	0.000	0.000	0.000	0.097	0.000
IF	89.000	0.870	0.000	8.848	0.000	0.000	0.000	0.000	0.097	0.000
IF	90.000	0.966	0.000	8.848	0.000	0.000	0.000	0.000	0.097	0.000
IF	91.000	1.063	0.000	8.848	0.000	0.000	0.000	0.000	0.097	0.000
IF	92.000	1.159	0.000	8.848	0.000	0.000	0.000	0.000	0.097	0.000

IF	93.000	1.256	0.000	8.849	0.000	0.000	0.000	0.000	0.097	0.000
IF	94.000	1.353	0.000	8.849	0.000	0.000	0.000	0.000	0.097	0.000
IF	95.000	1.449	0.000	8.849	0.000	0.000	0.000	0.000	0.097	0.000
IF	96.000	1.546	0.000	8.849	0.000	0.000	0.000	0.000	0.097	0.000
IF	97.000	1.642	0.000	8.849	0.000	0.000	0.000	0.000	0.097	0.000
IF	98.000	1.739	0.000	8.849	0.000	0.000	0.000	0.000	0.097	0.000
IF	99.000	1.835	0.000	8.849	0.000	0.000	0.000	0.000	0.097	0.000
IF	100.000	1.932	0.000	8.849	0.000	0.000	0.000	0.000	0.097	0.000
IF	101.000	2.029	0.000	8.849	0.000	0.000	0.000	0.000	0.097	0.000
IF	102.000	2.125	0.000	8.849	0.000	0.000	0.000	0.000	0.097	0.000
IF	103.000	2.221	0.000	8.849	0.000	0.000	0.000	0.000	0.097	0.000
IF	104.000	2.318	0.000	8.849	0.000	0.000	0.000	0.000	0.097	0.000
IF	105.000	2.414	0.000	8.849	0.000	0.000	0.000	0.000	0.097	0.000
IF	106.000	2.511	0.000	8.849	0.000	0.000	0.000	0.000	0.097	0.000
IF	107.000	2.608	0.000	8.849	0.000	0.000	0.000	0.000	0.097	0.000
IF	108.000	2.704	0.000	8.849	0.000	0.000	0.000	0.000	0.097	0.000
IF	109.000	2.801	0.000	8.849	0.000	0.000	0.000	0.000	0.097	0.000
IF	110.000	2.897	0.000	8.849	0.000	0.000	0.000	0.000	0.097	0.000
IF	111.000	2.994	0.000	8.849	0.000	0.000	0.000	0.000	1.696	0.000
IF	112.000	6.289	0.000	8.849	0.000	0.000	0.000	0.000	0.696	0.000
IF	118.100	7.938	0.000	8.962	0.000	0.000	0.000	0.000	0.180	0.000
IF	121.400	7.983	0.000	9.064	0.000	0.000	0.000	0.000	0.014	0.000
IF	124.700	8.028	0.000	9.071	0.000	0.000	0.000	0.000	0.014	0.000
IF	128.000	8.073	0.000	9.084	0.000	0.000	0.000	0.000	0.000	0.000
IF	131.200	8.030	0.000	9.095	0.000	0.000	0.000	0.000	-0.025	0.000
IF	134.500	7.910	0.000	9.101	0.000	0.000	0.000	0.000	-0.036	0.000
IF	137.800	7.789	0.000	9.103	0.000	0.000	0.000	0.000	-0.036	0.000
IF	141.100	7.668	0.000	9.104	0.000	0.000	0.000	0.000	-0.025	0.000
IF	144.400	7.626	0.000	9.104	0.000	0.000	0.000	0.000	-0.008	0.000
IF	147.600	7.614	0.000	9.104	0.000	0.000	0.000	0.000	-0.004	0.000
IF	150.900	7.602	0.000	9.105	0.000	0.000	0.000	0.000	0.004	0.000
IF	154.200	7.640	0.000	9.104	0.000	0.000	0.000	0.000	0.015	0.000
IF	157.500	7.703	0.000	9.104	0.000	0.000	0.000	0.000	0.019	0.000
IF	160.800	7.765	0.000	9.104	0.000	0.000	0.000	0.000	0.019	0.000
IF	164.000	7.828	0.000	9.104	0.000	0.000	0.000	0.000	0.019	0.000
IF	167.300	7.890	0.000	9.104	0.000	0.000	0.000	0.000	-0.008	0.000
IF	170.600	7.774	0.000	9.105	0.000	0.000	0.000	0.000	-0.037	0.000
IF	173.900	7.648	0.000	9.105	0.000	0.000	0.000	0.000	-0.038	0.000
IF	177.200	7.522	0.000	9.106	0.000	0.000	0.000	0.000	-0.039	0.000
IF	180.400	7.395	0.000	9.106	0.000	0.000	0.000	0.000	-0.039	0.000
IF	183.700	7.269	0.000	9.106	0.000	0.000	0.000	0.000	-0.038	0.000
IF	187.000	7.142	0.000	9.107	0.000	0.000	0.000	0.000	-0.038	0.000
IF	190.300	7.016	0.000	9.107	0.000	0.000	0.000	0.000	-0.029	0.000
IF	193.600	6.950	0.000	9.107	0.000	0.000	0.000	0.000	-0.020	0.000
IF	196.800	6.888	0.000	9.107	0.000	0.000	0.000	0.000	-0.019	0.000
IF	200.100	6.827	0.000	9.107	0.000	0.000	0.000	0.000	-0.019	0.000
IF	203.400	6.765	0.000	9.107	0.000	0.000	0.000	0.000	-0.019	0.000
IF	206.700	6.703	0.000	9.107	0.000	0.000	0.000	0.000	-0.016	0.000
IF	210.000	6.661	0.000	9.107	0.000	0.000	0.000	0.000	0.004	0.000
IF	213.300	6.732	0.000	9.107	0.000	0.000	0.000	0.000	0.022	0.000
IF	216.500	6.804	0.000	9.107	0.000	0.000	0.000	0.000	-0.020	0.000
IF	219.800	6.601	0.000	9.107	0.000	0.000	0.000	0.000	-0.043	0.000
IF	223.100	6.519	0.000	9.107	0.000	0.000	0.000	0.000	-0.018	0.000
IF	226.400	6.482	0.000	9.107	0.000	0.000	0.000	0.000	-0.011	0.000
IF	229.700	6.444	0.000	9.107	0.000	0.000	0.000	0.000	-0.012	0.000
IF	232.900	6.407	0.000	9.107	0.000	0.000	0.000	0.000	-0.012	0.000
IF	236.200	6.370	0.000	9.107	0.000	0.000	0.000	0.000	-0.010	0.000
IF	239.500	6.339	0.000	9.107	0.000	0.000	0.000	0.000	-0.009	0.000
IF	242.800	6.313	0.000	9.107	0.000	0.000	0.000	0.000	-0.008	0.000
IF	246.100	6.286	0.000	9.107	0.000	0.000	0.000	0.000	-0.008	0.000
IF	249.300	6.260	0.000	9.107	0.000	0.000	0.000	0.000	-0.008	0.000
IF	252.600	6.234	0.000	9.107	0.000	0.000	0.000	0.000	-0.008	0.000
IF	255.900	6.207	0.000	9.107	0.000	0.000	0.000	0.000	-0.008	0.000
IF	259.200	6.181	0.000	9.107	0.000	0.000	0.000	0.000	-0.007	0.000
IF	262.500	6.162	0.000	9.107	0.000	0.000	0.000	0.000	0.002	0.000
IF	265.700	6.193	0.000	9.107	0.000	0.000	0.000	0.000	0.009	0.000
IF	269.000	6.224	0.000	9.107	0.000	0.000	0.000	0.000	0.009	0.000
IF	272.300	6.255	0.000	9.107	0.000	0.000	0.000	0.000	0.009	0.000
IF	275.600	6.286	0.000	9.107	0.000	0.000	0.000	0.000	0.037	0.000
IF	278.900	6.499	0.000	9.106	0.000	0.000	0.000	0.000	0.068	0.000
IF	282.200	6.738	0.000	9.106	0.000	0.000	0.000	0.000	0.074	0.000
IF	285.400	6.977	0.000	9.106	0.000	0.000	0.000	0.000	0.074	0.000
IF	288.700	7.216	0.000	9.105	0.000	0.000	0.000	0.000	0.044	0.000
IF	292.000	7.268	0.000	9.105	0.000	0.000	0.000	0.000	0.007	0.000
IF	295.300	7.260	0.000	9.105	0.000	0.000	0.000	0.000	-0.002	0.000
IF	298.600	7.252	0.000	9.105	0.000	0.000	0.000	0.000	-0.002	0.000
IF	301.800	7.244	0.000	9.105	0.000	0.000	0.000	0.000	0.004	0.000
IF	305.100	7.280	0.000	9.104	0.000	0.000	0.000	0.000	0.039	0.000
IF	308.400	7.504	0.000	9.104	0.000	0.000	0.000	0.000	0.068	0.000
IF	311.700	7.728	0.000	9.103	0.000	0.000	0.000	0.000	0.068	0.000
IF	315.000	7.952	0.000	9.104	0.000	0.000	0.000	0.000	0.089	0.000
IF	318.200	8.307	0.000	9.107	0.000	0.000	0.000	0.000	0.127	0.000
IF	321.500	8.778	0.000	9.128	0.000	0.000	0.000	0.000	0.141	0.000
IF	324.000	9.128	0.000	9.128	0.000	0.000	0.000	0.000	0.140	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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	END STATION	END ELEVATION	FETCH LENGTH	SURGE ELEV 10-YEAR	SURGE ELEV 100-YEAR	INITIAL WAVE HEIGHT	INITIAL W. PERIOD		BOTTOM SLOPE	AVERAGE A-ZONES
IE	0.000	-6.685	1.000	1.000	8.844	3.558	4.231	56.140	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	1.000	-6.601	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	2.000	-6.517	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	3.000	-6.433	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	4.000	-6.349	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE

	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
OF	5.000	-6.265	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	6.000	-6.181	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	7.000	-6.096	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	8.000	-6.012	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	9.000	-5.928	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	10.000	-5.844	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	11.000	-5.760	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	12.000	-5.676	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	13.000	-5.592	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	14.000	-5.508	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	15.000	-5.424	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	16.000	-5.340	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	17.000	-5.256	0.000	8.844	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	18.000	-5.172	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	19.000	-5.088	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	20.000	-5.003	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	21.000	-4.919	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	22.000	-4.835	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	23.000	-4.751	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	24.000	-4.667	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	25.000	-4.583	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	26.000	-4.499	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	27.000	-4.415	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	28.000	-4.331	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	29.000	-4.247	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	30.000	-4.162	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	31.000	-4.078	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	32.000	-3.994	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	33.000	-3.910	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	34.000	-3.826	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	35.000	-3.742	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	36.000	-3.658	0.000	8.845	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	37.000	-3.574	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
	38.000	-3.490	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	

	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	39.000	-3.406	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	40.000	-3.322	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	41.000	-3.237	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	42.000	-3.153	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	43.000	-3.069	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	44.000	-2.985	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	45.000	-2.901	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	46.000	-2.817	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	47.000	-2.733	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	48.000	-2.649	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	49.000	-2.565	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	50.000	-2.481	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	51.000	-2.397	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	52.000	-2.312	0.000	8.846	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	53.000	-2.228	0.000	8.847	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	54.000	-2.144	0.000	8.847	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	55.000	-2.060	0.000	8.847	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	56.000	-1.976	0.000	8.847	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	57.000	-1.892	0.000	8.847	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	58.000	-1.808	0.000	8.847	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	59.000	-1.724	0.000	8.847	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	60.000	-1.640	0.000	8.847	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	61.000	-1.556	0.000	8.847	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	62.000	-1.471	0.000	8.847	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	63.000	-1.387	0.000	8.847	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	64.000	-1.303	0.000	8.847	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	65.000	-1.219	0.000	8.847	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	66.000	-1.135	0.000	8.847	0.000	0.000	0.000	0.000	0.084	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	67.000	-1.051	0.000	8.847	0.000	0.000	0.000	0.000	0.091	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	68.000	-0.954	0.000	8.847	0.000	0.000	0.000	0.000	0.099	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	69.000	-0.853	0.000	8.847	0.000	0.000	0.000	0.000	0.101	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	70.000	-0.753	0.000	8.847	0.000	0.000	0.000	0.000	0.101	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	71.000	-0.652	0.000	8.847	0.000	0.000	0.000	0.000	0.101	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	72.000	-0.551	0.000	8.847	0.000	0.000	0.000	0.000	0.101	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE

	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	73.000	-0.451	0.000	8.848	0.000	0.000	0.000	0.000	0.101	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	74.000	-0.350	0.000	8.848	0.000	0.000	0.000	0.000	0.101	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	75.000	-0.249	0.000	8.848	0.000	0.000	0.000	0.000	0.101	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	76.000	-0.148	0.000	8.848	0.000	0.000	0.000	0.000	0.101	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	77.000	-0.048	0.000	8.848	0.000	0.000	0.000	0.000	0.101	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	78.000	0.053	0.000	8.848	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	79.000	0.104	0.000	8.848	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	80.000	0.133	0.000	8.848	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	81.000	0.162	0.000	8.848	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	82.000	0.194	0.000	8.848	0.000	0.000	0.000	0.000	0.064	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	83.000	0.290	0.000	8.848	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	84.000	0.387	0.000	8.848	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	85.000	0.483	0.000	8.848	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	86.000	0.580	0.000	8.848	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	87.000	0.676	0.000	8.848	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	88.000	0.773	0.000	8.848	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	89.000	0.870	0.000	8.848	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	90.000	0.966	0.000	8.848	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	91.000	1.063	0.000	8.848	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	92.000	1.159	0.000	8.848	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	93.000	1.256	0.000	8.849	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	94.000	1.353	0.000	8.849	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	95.000	1.449	0.000	8.849	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	96.000	1.546	0.000	8.849	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	97.000	1.642	0.000	8.849	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	98.000	1.739	0.000	8.849	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	99.000	1.835	0.000	8.849	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	100.000	1.932	0.000	8.849	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	101.000	2.029	0.000	8.849	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	102.000	2.125	0.000	8.849	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	103.000	2.221	0.000	8.849	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	104.000	2.318	0.000	8.849	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	105.000	2.414	0.000	8.849	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	106.000	2.511	0.000	8.849	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	107.000	2.608	0.000	8.849	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	108.000	2.704	0.000	8.849	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	109.000	2.801	0.000	8.849	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	110.000	2.897	0.000	8.849	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	111.000	2.994	0.000	8.849	0.000	0.000	0.000	0.000	1.696	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	112.000	6.289	0.000	8.849	0.000	0.000	0.000	0.000	0.696	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	118.100	7.938	0.000	8.962	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	121.400	7.983	0.000	9.064	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	124.700	8.028	0.000	9.071	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	128.000	8.073	0.000	9.084	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	131.200	8.030	0.000	9.095	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	134.500	7.910	0.000	9.101	0.000	0.000	0.000	0.000	-0.036	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	137.800	7.789	0.000	9.103	0.000	0.000	0.000	0.000	-0.036	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	141.100	7.668	0.000	9.104	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	144.400	7.626	0.000	9.104	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	147.600	7.614	0.000	9.104	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	150.900	7.602	0.000	9.105	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	154.200	7.640	0.000	9.104	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	157.500	7.703	0.000	9.104	0.000	0.000	0.000	0.000	0.019	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	160.800	7.765	0.000	9.104	0.000	0.000	0.000	0.000	0.019	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	164.000	7.828	0.000	9.104	0.000	0.000	0.000	0.000	0.019	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	167.300	7.890	0.000	9.104	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	170.600	7.774	0.000	9.105	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	173.900	7.648	0.000	9.105	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	177.200	7.522	0.000	9.106	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	180.400	7.395	0.000	9.106	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	183.700	7.269	0.000	9.106	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	187.000	7.142	0.000	9.107	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	190.300	7.016	0.000	9.107	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	193.600	6.950	0.000	9.107	0.000	0.000	0.000	0.000	-0.020	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	196.800	6.888	0.000	9.107	0.000	0.000	0.000	0.000	-0.019	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	200.100	6.827	0.000	9.107	0.000	0.000	0.000	0.000	-0.019	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	203.400	6.765	0.000	9.107	0.000	0.000	0.000	0.000	-0.019	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	206.700	6.703	0.000	9.107	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	210.000	6.661	0.000	9.107	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	213.300	6.732	0.000	9.107	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	216.500	6.804	0.000	9.107	0.000	0.000	0.000	0.000	-0.020	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	219.800	6.601	0.000	9.107	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	223.100	6.519	0.000	9.107	0.000	0.000	0.000	0.000	-0.018	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	226.400	6.482	0.000	9.107	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	229.700	6.444	0.000	9.107	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	232.900	6.407	0.000	9.107	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	236.200	6.370	0.000	9.107	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	239.500	6.339	0.000	9.107	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	242.800	6.313	0.000	9.107	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	246.100	6.286	0.000	9.107	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	249.300	6.260	0.000	9.107	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	252.600	6.234	0.000	9.107	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	255.900	6.207	0.000	9.107	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	259.200	6.181	0.000	9.107	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	262.500	6.162	0.000	9.107	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	265.700	6.193	0.000	9.107	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	269.000	6.224	0.000	9.107	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	272.300	6.255	0.000	9.107	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	275.600	6.286	0.000	9.107	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	278.900	6.499	0.000	9.106	0.000	0.000	0.000	0.000	0.068	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	282.200	6.738	0.000	9.106	0.000	0.000	0.000	0.000	0.074	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	285.400	6.977	0.000	9.106	0.000	0.000	0.000	0.000	0.074	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	288.700	7.216	0.000	9.105	0.000	0.000	0.000	0.000	0.044	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	292.000	7.268	0.000	9.105	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	295.300	7.260	0.000	9.105	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	298.600	7.252	0.000	9.105	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	301.800	7.244	0.000	9.105	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	305.100	7.280	0.000	9.104	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	308.400	7.504	0.000	9.104	0.000	0.000	0.000	0.000	0.068	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	311.700	7.728	0.000	9.103	0.000	0.000	0.000	0.000	0.068	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	315.000	7.952	0.000	9.104	0.000	0.000	0.000	0.000	0.089	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
IF	318.200	8.307	0.000	9.107	0.000	0.000	0.000	0.000	0.127	0.000	
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE	

	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	321.500	8.778	0.000	9.128	0.000	0.000	0.000	0.000	0.141	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	324.000	9.128	0.000	9.128	0.000	0.000	0.000	0.000	0.140	0.000

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

NOTE:

SURGE ELEVATION INCLUDES CONTRIBUTIONS FROM ASTRONOMICAL AND STORM TIDES.

1

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

LOCATION	CONTROLLING WAVE HEIGHT	SPECTRAL PEAK WAVE PERIOD	WAVE CREST ELEVATION
IE 0.00	3.56	4.23	11.33
OF 1.00	3.56	4.23	11.33
OF 2.00	3.56	4.23	11.34
OF 3.00	3.56	4.23	11.34
OF 4.00	3.56	4.23	11.34
OF 5.00	3.56	4.23	11.34
OF 6.00	3.56	4.23	11.34
OF 7.00	3.56	4.23	11.34
OF 8.00	3.56	4.23	11.34
OF 9.00	3.56	4.23	11.34
OF 10.00	3.56	4.23	11.34
OF 11.00	3.56	4.23	11.34
OF 12.00	3.56	4.23	11.34
OF 13.00	3.57	4.23	11.34
OF 14.00	3.57	4.23	11.34
OF 15.00	3.57	4.23	11.34
OF 16.00	3.57	4.23	11.34
OF 17.00	3.57	4.23	11.34
OF 18.00	3.57	4.23	11.34
OF 19.00	3.57	4.23	11.34
OF 20.00	3.57	4.23	11.35
OF 21.00	3.57	4.23	11.35
OF 22.00	3.57	4.23	11.35
OF 23.00	3.57	4.23	11.35
OF 24.00	3.58	4.23	11.35
OF 25.00	3.58	4.23	11.35
OF 26.00	3.58	4.23	11.35
OF 27.00	3.58	4.23	11.35
OF 28.00	3.58	4.23	11.35
OF 29.00	3.58	4.23	11.35
OF 30.00	3.58	4.23	11.35
OF 31.00	3.59	4.23	11.36
OF 32.00	3.59	4.23	11.36
OF 33.00	3.59	4.23	11.36
OF 34.00	3.59	4.23	11.36
OF 35.00	3.59	4.23	11.36
OF 36.00	3.59	4.23	11.36
OF 37.00	3.60	4.23	11.36
OF 38.00	3.60	4.23	11.37
OF 39.00	3.60	4.23	11.37
OF 40.00	3.60	4.23	11.37
OF 41.00	3.61	4.23	11.37
OF 42.00	3.61	4.23	11.37
OF 43.00	3.61	4.23	11.37
OF 44.00	3.61	4.23	11.37
OF 45.00	3.61	4.23	11.38
OF 46.00	3.62	4.23	11.38
OF 47.00	3.62	4.23	11.38
OF 48.00	3.62	4.23	11.38
OF 49.00	3.62	4.23	11.38
OF 50.00	3.63	4.23	11.39
OF 51.00	3.63	4.23	11.39
OF 52.00	3.63	4.23	11.39
OF 53.00	3.64	4.23	11.39
OF 54.00	3.64	4.23	11.39
OF 55.00	3.64	4.23	11.40
OF 56.00	3.65	4.23	11.40
OF 57.00	3.65	4.23	11.40
OF 58.00	3.65	4.23	11.40
OF 59.00	3.66	4.23	11.41
OF 60.00	3.66	4.23	11.41
OF 61.00	3.66	4.23	11.41
OF 62.00	3.67	4.23	11.41
OF 63.00	3.67	4.23	11.42
OF 64.00	3.67	4.23	11.42
OF 65.00	3.68	4.23	11.42
OF 66.00	3.68	4.23	11.43
OF 67.00	3.69	4.23	11.43
OF 68.00	3.69	4.23	11.43
OF 69.00	3.70	4.23	11.44
OF 70.00	3.70	4.23	11.44
OF 71.00	3.71	4.23	11.44
OF 72.00	3.71	4.23	11.45
OF 73.00	3.72	4.23	11.45
OF 74.00	3.73	4.23	11.46
OF 75.00	3.73	4.23	11.46
OF 76.00	3.74	4.23	11.47
OF 77.00	3.75	4.23	11.47
IF 78.00	3.75	4.23	11.47
IF 79.00	3.76	4.23	11.48
IF 80.00	3.76	4.23	11.48
IF 81.00	3.76	4.23	11.48
IF 82.00	3.76	4.24	11.48
IF 83.00	3.77	4.24	11.49
IF 84.00	3.78	4.24	11.49
IF 85.00	3.78	4.24	11.50
IF 86.00	3.79	4.24	11.50
IF 87.00	3.80	4.24	11.51
IF 88.00	3.81	4.24	11.51

IF	89.00	3.82	4.24	11.52
IF	90.00	3.83	4.24	11.53
IF	91.00	3.83	4.24	11.53
IF	92.00	3.84	4.24	11.54
IF	93.00	3.85	4.24	11.55
IF	94.00	3.86	4.24	11.55
IF	95.00	3.87	4.24	11.56
IF	96.00	3.88	4.24	11.57
IF	97.00	3.89	4.24	11.57
IF	98.00	3.90	4.24	11.58
IF	99.00	3.91	4.24	11.59
IF	100.00	3.92	4.24	11.60
IF	101.00	3.94	4.24	11.60
IF	102.00	3.95	4.24	11.61
IF	103.00	3.96	4.24	11.62
IF	104.00	3.95	4.24	11.61
IF	105.00	3.93	4.24	11.60
IF	106.00	3.92	4.24	11.59
IF	107.00	3.90	4.24	11.58
IF	108.00	3.88	4.24	11.57
IF	109.00	3.87	4.24	11.56
IF	110.00	3.85	4.24	11.55
IF	111.00	3.84	4.24	11.53
IF	112.00	1.91	4.24	10.19
IF	118.10	0.78	4.24	9.51
IF	121.40	0.80	4.24	9.62
IF	124.70	0.79	4.24	9.63
IF	128.00	0.78	4.24	9.63
IF	131.20	0.79	4.24	9.65
IF	134.50	0.81	4.24	9.67
IF	137.80	0.83	4.24	9.69
IF	141.10	0.86	4.24	9.70
IF	144.40	0.87	4.24	9.71
IF	147.60	0.87	4.24	9.71
IF	150.90	0.88	4.24	9.72
IF	154.20	0.87	4.24	9.72
IF	157.50	0.87	4.24	9.71
IF	160.80	0.86	4.24	9.71
IF	164.00	0.86	4.24	9.70
IF	167.30	0.85	4.24	9.70
IF	170.60	0.87	4.24	9.72
IF	173.90	0.89	4.24	9.73
IF	177.20	0.91	4.24	9.75
IF	180.40	0.93	4.24	9.76
IF	183.70	0.91	4.24	9.74
IF	187.00	0.89	4.24	9.73
IF	190.30	0.88	4.24	9.72
IF	193.60	0.88	4.24	9.72
IF	196.80	0.87	4.24	9.72
IF	200.10	0.87	4.24	9.72
IF	203.40	0.87	4.24	9.72
IF	206.70	0.87	4.24	9.72
IF	210.00	0.87	4.24	9.72
IF	213.30	0.89	4.24	9.73
IF	216.50	0.90	4.24	9.74
IF	219.80	0.89	4.24	9.73
IF	223.10	0.88	4.24	9.72
IF	226.40	0.89	4.24	9.73
IF	229.70	0.89	4.24	9.73
IF	232.90	0.89	4.24	9.73
IF	236.20	0.89	4.24	9.73
IF	239.50	0.90	4.24	9.73
IF	242.80	0.90	4.24	9.74
IF	246.10	0.90	4.24	9.74
IF	249.30	0.91	4.24	9.74
IF	252.60	0.91	4.24	9.75
IF	255.90	0.92	4.24	9.75
IF	259.20	0.92	4.24	9.75
IF	262.50	0.92	4.24	9.75
IF	265.70	0.93	4.24	9.76
IF	269.00	0.94	4.24	9.77
IF	272.30	0.95	4.24	9.77
IF	275.60	0.96	4.24	9.78
IF	278.90	0.99	4.24	9.80
IF	282.20	1.03	4.24	9.83
IF	285.40	1.08	4.24	9.86
IF	288.70	1.10	4.24	9.88
IF	292.00	1.10	4.24	9.87
IF	295.30	1.10	4.24	9.88
IF	298.60	1.11	4.24	9.88
IF	301.80	1.11	4.24	9.88
IF	305.10	1.11	4.24	9.88
IF	308.40	1.08	4.24	9.86
IF	311.70	1.04	4.24	9.83
IF	315.00	0.88	4.24	9.72
IF	318.20	0.62	4.24	9.54
IF	321.50	0.27	4.24	9.32
IF	324.00	0.01	4.24	9.13

PART3 LOCATION OF AREAS ABOVE 100-YEAR SURGE
NO AREAS ABOVE 100-YEAR SURGE IN THIS TRANSECT

PART4 LOCATION OF SURGE CHANGES		
STATION	10-YEAR SURGE	100-YEAR SURGE
18.00	1.00	8.85
37.00	1.00	8.85
53.00	1.00	8.85
73.00	1.00	8.85
93.00	1.00	8.85
118.10	1.00	8.96
121.40	1.00	9.06
124.70	1.00	9.07
128.00	1.00	9.08
131.20	1.00	9.10

134.50	1.00	9.10
137.80	1.00	9.10
141.10	1.00	9.10
150.90	1.00	9.10
154.20	1.00	9.10
170.60	1.00	9.10
177.20	1.00	9.11
187.00	1.00	9.11
278.90	1.00	9.11
288.70	1.00	9.10
305.10	1.00	9.10
311.70	1.00	9.10
315.00	1.00	9.10
318.20	1.00	9.11
321.50	1.00	9.13

PART5 LOCATION OF V ZONES

STATION OF GUTTER

LOCATION OF ZONE

111.43 WINDWARD

PART6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER	ELEVATION	ZONE DESIGNATION	FHF
0.00	11.33		
		V22 EL=11	120
17.00	11.34		
		V22 EL=11	120
18.00	11.34		
		V22 EL=11	120
36.00	11.36		
		V22 EL=11	120
37.00	11.36		
		V22 EL=11	120
52.00	11.39		
		V22 EL=11	120
53.00	11.39		
		V22 EL=11	120
72.00	11.45		
		V22 EL=11	120
73.00	11.45		
		V22 EL=11	120
85.47	11.50		
		V22 EL=12	120
92.00	11.54		
		V22 EL=12	120
93.00	11.55		
		V22 EL=12	120
111.03	11.50		
		V22 EL=11	120
111.43	10.95		
		A17 EL=11	85
111.77	10.50		
		A17 EL=10	85
112.00	10.19		
		A17 EL=10	85
118.10	9.51		
		A17 EL=10	85
121.40	9.62		
		A17 EL=10	85
124.70	9.63		
		A17 EL=10	85
128.00	9.63		
		A17 EL=10	85
131.20	9.65		
		A17 EL=10	85
134.50	9.67		
		A17 EL=10	85
137.80	9.69		
		A17 EL=10	85
141.10	9.70		
		A17 EL=10	85
147.60	9.71		
		A17 EL=10	85
150.90	9.72		
		A17 EL=10	85
154.20	9.72		
		A17 EL=10	85
167.30	9.70		
		A17 EL=10	85
170.60	9.72		
		A17 EL=10	85
173.90	9.73		
		A17 EL=10	85
177.20	9.75		
		A17 EL=10	85
183.70	9.74		
		A17 EL=10	85
187.00	9.73		
		A17 EL=10	85
275.60	9.78		
		A17 EL=10	85
278.90	9.80		
		A17 EL=10	85
285.40	9.86		
		A17 EL=10	85
288.70	9.88		
		A17 EL=10	85
301.80	9.88		
		A17 EL=10	85
305.10	9.88		
		A17 EL=10	85
308.40	9.86		
		A17 EL=10	85
311.70	9.83		
		A17 EL=10	85

315.00	9.72		
318.20	9.54	A17 EL=10	85
318.77	9.50	A17 EL=10	85
321.50	9.32	A17 EL= 9	85
324.00	9.13	A17 EL= 9	85

ZONE TERMINATED AT END OF TRANSECT
PART 7 POSTSCRIPT NOTES

PS# 1 START(420216.3981,4844328.0166)
PS# 2 END(420152.3662,4844156.8746)

-1.000000e+00