

## 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-135-1.dat

Output file: C:\FEMA-TransectAnalysis\LOMR-TransectAnalysis-Harpswell\3\_whafis\whafis4\CM-135-1.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	-23.920	1.000	1.000	8.831	3.408	3.477	56.140	0.215	0.000
OF	1.000	-23.705	0.000	8.831	0.000	0.000	0.000	0.000	0.215	0.000
OF	2.000	-23.490	0.000	8.831	0.000	0.000	0.000	0.000	0.214	0.000
OF	3.000	-23.276	0.000	8.831	0.000	0.000	0.000	0.000	0.214	0.000
OF	4.000	-23.062	0.000	8.831	0.000	0.000	0.000	0.000	0.214	0.000
OF	5.000	-22.847	0.000	8.831	0.000	0.000	0.000	0.000	0.214	0.000
OF	6.000	-22.633	0.000	8.831	0.000	0.000	0.000	0.000	0.214	0.000
OF	7.000	-22.418	0.000	8.831	0.000	0.000	0.000	0.000	0.214	0.000
OF	8.000	-22.204	0.000	8.831	0.000	0.000	0.000	0.000	0.214	0.000
OF	9.000	-21.989	0.000	8.831	0.000	0.000	0.000	0.000	0.214	0.000
OF	10.000	-21.775	0.000	8.831	0.000	0.000	0.000	0.000	0.214	0.000
OF	11.000	-21.560	0.000	8.831	0.000	0.000	0.000	0.000	0.214	0.000
OF	12.000	-21.346	0.000	8.831	0.000	0.000	0.000	0.000	0.214	0.000
OF	13.000	-21.132	0.000	8.831	0.000	0.000	0.000	0.000	0.214	0.000
OF	14.000	-20.917	0.000	8.831	0.000	0.000	0.000	0.000	0.214	0.000
OF	15.000	-20.703	0.000	8.831	0.000	0.000	0.000	0.000	0.214	0.000
OF	16.000	-20.488	0.000	8.831	0.000	0.000	0.000	0.000	0.215	0.000
OF	17.000	-20.273	0.000	8.831	0.000	0.000	0.000	0.000	0.214	0.000
OF	18.000	-20.059	0.000	8.831	0.000	0.000	0.000	0.000	0.222	0.000
OF	19.000	-19.828	0.000	8.831	0.000	0.000	0.000	0.000	0.231	0.000
OF	20.000	-19.597	0.000	8.831	0.000	0.000	0.000	0.000	0.231	0.000
OF	21.000	-19.366	0.000	8.831	0.000	0.000	0.000	0.000	0.230	0.000
OF	22.000	-19.136	0.000	8.831	0.000	0.000	0.000	0.000	0.230	0.000
OF	23.000	-18.905	0.000	8.831	0.000	0.000	0.000	0.000	0.231	0.000
OF	24.000	-18.674	0.000	8.831	0.000	0.000	0.000	0.000	0.231	0.000
OF	25.000	-18.443	0.000	8.831	0.000	0.000	0.000	0.000	0.231	0.000
OF	26.000	-18.212	0.000	8.831	0.000	0.000	0.000	0.000	0.231	0.000
OF	27.000	-17.981	0.000	8.831	0.000	0.000	0.000	0.000	0.231	0.000
OF	28.000	-17.750	0.000	8.831	0.000	0.000	0.000	0.000	0.230	0.000
OF	29.000	-17.520	0.000	8.831	0.000	0.000	0.000	0.000	0.230	0.000
OF	30.000	-17.289	0.000	8.831	0.000	0.000	0.000	0.000	0.231	0.000
OF	31.000	-17.058	0.000	8.831	0.000	0.000	0.000	0.000	0.231	0.000
OF	32.000	-16.827	0.000	8.831	0.000	0.000	0.000	0.000	0.231	0.000
OF	33.000	-16.596	0.000	8.831	0.000	0.000	0.000	0.000	0.231	0.000
OF	34.000	-16.365	0.000	8.831	0.000	0.000	0.000	0.000	0.231	0.000
OF	35.000	-16.134	0.000	8.831	0.000	0.000	0.000	0.000	0.231	0.000
OF	36.000	-15.903	0.000	8.831	0.000	0.000	0.000	0.000	0.231	0.000
OF	37.000	-15.672	0.000	8.831	0.000	0.000	0.000	0.000	0.230	0.000
OF	38.000	-15.442	0.000	8.831	0.000	0.000	0.000	0.000	0.230	0.000
OF	39.000	-15.211	0.000	8.831	0.000	0.000	0.000	0.000	0.231	0.000
OF	40.000	-14.979	0.000	8.831	0.000	0.000	0.000	0.000	0.231	0.000
OF	41.000	-14.749	0.000	8.831	0.000	0.000	0.000	0.000	0.230	0.000
OF	42.000	-14.518	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
OF	43.000	-14.287	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
OF	44.000	-14.056	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
OF	45.000	-13.825	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
OF	46.000	-13.594	0.000	8.830	0.000	0.000	0.000	0.000	0.230	0.000
OF	47.000	-13.364	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
OF	48.000	-13.132	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
OF	49.000	-12.901	0.000	8.830	0.000	0.000	0.000	0.000	0.230	0.000
OF	50.000	-12.671	0.000	8.830	0.000	0.000	0.000	0.000	0.230	0.000
OF	51.000	-12.440	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
OF	52.000	-12.209	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
OF	53.000	-11.978	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
OF	54.000	-11.747	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
OF	55.000	-11.516	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
OF	56.000	-11.285	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
OF	57.000	-11.054	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
OF	58.000	-10.823	0.000	8.830	0.000	0.000	0.000	0.000	0.230	0.000
OF	59.000	-10.593	0.000	8.830	0.000	0.000	0.000	0.000	0.230	0.000
OF	60.000	-10.362	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
OF	61.000	-10.131	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
OF	62.000	-9.901	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
OF	63.000	-9.670	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
OF	64.000	-9.439	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
OF	65.000	-9.208	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
OF	66.000	-8.977	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
OF	67.000	-8.746	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
OF	68.000	-8.515	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
OF	69.000	-8.285	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
OF	70.000	-8.054	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
OF	71.000	-7.823	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
OF	72.000	-7.591	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
OF	73.000	-7.361	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
OF	74.000	-7.130	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
OF	75.000	-6.899	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
OF	76.000	-6.668	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
OF	77.000	-6.437	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
OF	78.000	-6.207	0.000	8.830	0.000	0.000	0.000	0.000	0.229	0.000
OF	79.000	-5.979	0.000	8.830	0.000	0.000	0.000	0.000	0.217	0.000
OF	80.000	-5.773	0.000	8.830	0.000	0.000	0.000	0.000	0.206	0.000
OF	81.000	-5.568	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
OF	82.000	-5.363	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
OF	83.000	-5.157	0.000	8.830	0.000	0.000	0.000	0.000	0.206	0.000
OF	84.000	-4.952	0.000	8.830	0.000	0.000	0.000	0.000	0.206	0.000
OF	85.000	-4.746	0.000	8.830	0.000	0.000	0.000	0.000	0.206	0.000
OF	86.000	-4.541	0.000	8.830	0.000	0.000	0.000	0.000	0.206	0.000
OF	87.000	-4.335	0.000	8.830	0.000	0.000	0.000	0.000	0.206	0.000
OF	88.000	-4.129	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
OF	89.000	-3.924	0.000	8.830	0.000	0.000	0.000	0.000	0.206	0.000
OF	90.000	-3.718	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
OF	91.000	-3.513	0.000	8.830	0.000	0.000	0.000	0.000	0.206	0.000
OF	92.000	-3.307	0.000	8.830	0.000	0.000	0.000	0.000	0.206	0.000

OF	93.000	-3.102	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
OF	94.000	-2.897	0.000	8.830	0.000	0.000	0.000	0.000	0.206	0.000
OF	95.000	-2.691	0.000	8.830	0.000	0.000	0.000	0.000	0.206	0.000
OF	96.000	-2.485	0.000	8.830	0.000	0.000	0.000	0.000	0.206	0.000
OF	97.000	-2.280	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
OF	98.000	-2.074	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
OF	99.000	-1.869	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
OF	100.000	-1.664	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
OF	101.000	-1.458	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
OF	102.000	-1.253	0.000	8.830	0.000	0.000	0.000	0.000	0.206	0.000
OF	103.000	-1.047	0.000	8.830	0.000	0.000	0.000	0.000	0.206	0.000
OF	104.000	-0.841	0.000	8.830	0.000	0.000	0.000	0.000	0.206	0.000
OF	105.000	-0.636	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
OF	106.000	-0.430	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
OF	107.000	-0.225	0.000	8.830	0.000	0.000	0.000	0.000	0.206	0.000
OF	108.000	-0.020	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
IF	109.000	0.186	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
IF	110.000	0.391	0.000	8.830	0.000	0.000	0.000	0.000	0.206	0.000
IF	111.000	0.597	0.000	8.830	0.000	0.000	0.000	0.000	0.206	0.000
IF	112.000	0.803	0.000	8.830	0.000	0.000	0.000	0.000	0.206	0.000
IF	113.000	1.008	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
IF	114.000	1.214	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
IF	115.000	1.419	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
IF	116.000	1.625	0.000	8.830	0.000	0.000	0.000	0.000	0.206	0.000
IF	117.000	1.830	0.000	8.830	0.000	0.000	0.000	0.000	0.206	0.000
IF	118.000	2.036	0.000	8.830	0.000	0.000	0.000	0.000	0.206	0.000
IF	119.000	2.241	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
IF	120.000	2.447	0.000	8.830	0.000	0.000	0.000	0.000	0.206	0.000
IF	121.000	2.652	0.000	8.830	0.000	0.000	0.000	0.000	0.206	0.000
IF	122.000	2.858	0.000	8.830	0.000	0.000	0.000	0.000	0.048	0.000
IF	156.500	4.350	0.000	8.830	0.000	0.000	0.000	0.000	0.051	0.000
IF	165.000	5.069	0.000	8.830	0.000	0.000	0.000	0.000	0.477	0.000
IF	165.900	8.830	0.000	8.830	0.000	0.000	0.000	0.000	4.179	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	-23.920	1.000	1.000	8.831		3.408	3.477	56.140	0.215	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	1.000	-23.705	0.000	8.831	0.000	0.000	0.000	0.000	0.000	0.215	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	2.000	-23.490	0.000	8.831	0.000	0.000	0.000	0.000	0.000	0.214	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	3.000	-23.276	0.000	8.831	0.000	0.000	0.000	0.000	0.000	0.214	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	4.000	-23.062	0.000	8.831	0.000	0.000	0.000	0.000	0.000	0.214	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	5.000	-22.847	0.000	8.831	0.000	0.000	0.000	0.000	0.000	0.214	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	6.000	-22.633	0.000	8.831	0.000	0.000	0.000	0.000	0.000	0.214	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	7.000	-22.418	0.000	8.831	0.000	0.000	0.000	0.000	0.000	0.214	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	8.000	-22.204	0.000	8.831	0.000	0.000	0.000	0.000	0.000	0.214	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	9.000	-21.989	0.000	8.831	0.000	0.000	0.000	0.000	0.000	0.214	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	10.000	-21.775	0.000	8.831	0.000	0.000	0.000	0.000	0.000	0.214	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	11.000	-21.560	0.000	8.831	0.000	0.000	0.000	0.000	0.000	0.214	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	12.000	-21.346	0.000	8.831	0.000	0.000	0.000	0.000	0.000	0.214	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	13.000	-21.132	0.000	8.831	0.000	0.000	0.000	0.000	0.000	0.214	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	14.000	-20.917	0.000	8.831	0.000	0.000	0.000	0.000	0.000	0.214	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	15.000	-20.703	0.000	8.831	0.000	0.000	0.000	0.000	0.000	0.214	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	16.000	-20.488	0.000	8.831	0.000	0.000	0.000	0.000	0.000	0.215	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	17.000	-20.273	0.000	8.831	0.000	0.000	0.000	0.000	0.000	0.214	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	18.000	-20.059	0.000	8.831	0.000	0.000	0.000	0.000	0.000	0.222	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	19.000	-19.828	0.000	8.831	0.000	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	20.000	-19.597	0.000	8.831	0.000	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	21.000	-19.366	0.000	8.831	0.000	0.000	0.000	0.000	0.000	0.230	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE

	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	22.000	-19.136	0.000	8.831	0.000	0.000	0.000	0.000	0.230	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	23.000	-18.905	0.000	8.831	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	24.000	-18.674	0.000	8.831	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	25.000	-18.443	0.000	8.831	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	26.000	-18.212	0.000	8.831	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	27.000	-17.981	0.000	8.831	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	28.000	-17.750	0.000	8.831	0.000	0.000	0.000	0.000	0.230	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	29.000	-17.520	0.000	8.831	0.000	0.000	0.000	0.000	0.230	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	30.000	-17.289	0.000	8.831	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	31.000	-17.058	0.000	8.831	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	32.000	-16.827	0.000	8.831	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	33.000	-16.596	0.000	8.831	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	34.000	-16.365	0.000	8.831	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	35.000	-16.134	0.000	8.831	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	36.000	-15.903	0.000	8.831	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	37.000	-15.672	0.000	8.831	0.000	0.000	0.000	0.000	0.230	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	38.000	-15.442	0.000	8.831	0.000	0.000	0.000	0.000	0.230	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	39.000	-15.211	0.000	8.831	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	40.000	-14.979	0.000	8.831	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	41.000	-14.749	0.000	8.831	0.000	0.000	0.000	0.000	0.230	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	42.000	-14.518	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	43.000	-14.287	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	44.000	-14.056	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	45.000	-13.825	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	46.000	-13.594	0.000	8.830	0.000	0.000	0.000	0.000	0.230	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	47.000	-13.364	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	48.000	-13.132	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	49.000	-12.901	0.000	8.830	0.000	0.000	0.000	0.000	0.230	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	50.000	-12.671	0.000	8.830	0.000	0.000	0.000	0.000	0.230	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	51.000	-12.440	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	52.000	-12.209	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	53.000	-11.978	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	54.000	-11.747	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	55.000	-11.516	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE

	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	56.000	-11.285	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	57.000	-11.054	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	58.000	-10.823	0.000	8.830	0.000	0.000	0.000	0.000	0.230	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	59.000	-10.593	0.000	8.830	0.000	0.000	0.000	0.000	0.230	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	60.000	-10.362	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	61.000	-10.131	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	62.000	-9.901	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	63.000	-9.670	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	64.000	-9.439	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	65.000	-9.208	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	66.000	-8.977	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	67.000	-8.746	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	68.000	-8.515	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	69.000	-8.285	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	70.000	-8.054	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	71.000	-7.823	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	72.000	-7.591	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	73.000	-7.361	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	74.000	-7.130	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	75.000	-6.899	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	76.000	-6.668	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	77.000	-6.437	0.000	8.830	0.000	0.000	0.000	0.000	0.231	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	78.000	-6.207	0.000	8.830	0.000	0.000	0.000	0.000	0.229	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	79.000	-5.979	0.000	8.830	0.000	0.000	0.000	0.000	0.217	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	80.000	-5.773	0.000	8.830	0.000	0.000	0.000	0.000	0.206	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	81.000	-5.568	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	82.000	-5.363	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	83.000	-5.157	0.000	8.830	0.000	0.000	0.000	0.000	0.206	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	84.000	-4.952	0.000	8.830	0.000	0.000	0.000	0.000	0.206	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	85.000	-4.746	0.000	8.830	0.000	0.000	0.000	0.000	0.206	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	86.000	-4.541	0.000	8.830	0.000	0.000	0.000	0.000	0.206	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	87.000	-4.335	0.000	8.830	0.000	0.000	0.000	0.000	0.206	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	88.000	-4.129	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	89.000	-3.924	0.000	8.830	0.000	0.000	0.000	0.000	0.206	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE

	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
OF	90.000	-3.718	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	91.000	-3.513	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.206	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	92.000	-3.307	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.206	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	93.000	-3.102	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	94.000	-2.897	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.206	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	95.000	-2.691	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.206	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	96.000	-2.485	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.206	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	97.000	-2.280	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	98.000	-2.074	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	99.000	-1.869	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	100.000	-1.664	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	101.000	-1.458	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	102.000	-1.253	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.206	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	103.000	-1.047	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.206	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	104.000	-0.841	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.206	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	105.000	-0.636	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	106.000	-0.430	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	107.000	-0.225	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.206	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	108.000	-0.020	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	109.000	0.186	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	110.000	0.391	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.206	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	111.000	0.597	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.206	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	112.000	0.803	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.206	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	113.000	1.008	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	114.000	1.214	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	115.000	1.419	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	116.000	1.625	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.206	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	117.000	1.830	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.206	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	118.000	2.036	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.206	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	119.000	2.241	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	120.000	2.447	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.206	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	121.000	2.652	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.206	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	122.000	2.858	0.000	8.830	0.000	0.000	0.000	0.000	0.000	0.048	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	156.500	4.350	0.000	8.830	0.000	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	165.000	5.069	0.000	8.830	0.000	0.000	0.000	0.000	0.477	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	165.900	8.830	0.000	8.830	0.000	0.000	0.000	0.000	4.179	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	3.41	3.48	11.22
OF 1.00	3.41	3.48	11.22
OF 2.00	3.41	3.48	11.22
OF 3.00	3.41	3.48	11.22
OF 4.00	3.41	3.48	11.22
OF 5.00	3.41	3.48	11.22
OF 6.00	3.41	3.48	11.22
OF 7.00	3.41	3.48	11.21
OF 8.00	3.40	3.48	11.21
OF 9.00	3.40	3.48	11.21
OF 10.00	3.40	3.48	11.21
OF 11.00	3.40	3.48	11.21
OF 12.00	3.40	3.48	11.21
OF 13.00	3.40	3.48	11.21
OF 14.00	3.40	3.48	11.21
OF 15.00	3.40	3.48	11.21
OF 16.00	3.40	3.48	11.21
OF 17.00	3.40	3.48	11.21
OF 18.00	3.40	3.48	11.21
OF 19.00	3.40	3.48	11.21
OF 20.00	3.40	3.48	11.21
OF 21.00	3.39	3.48	11.21
OF 22.00	3.39	3.48	11.21
OF 23.00	3.39	3.48	11.21
OF 24.00	3.39	3.48	11.20
OF 25.00	3.39	3.48	11.20
OF 26.00	3.39	3.48	11.20
OF 27.00	3.39	3.48	11.20
OF 28.00	3.38	3.48	11.20
OF 29.00	3.38	3.48	11.20
OF 30.00	3.38	3.48	11.20
OF 31.00	3.38	3.48	11.20
OF 32.00	3.38	3.48	11.19
OF 33.00	3.37	3.48	11.19
OF 34.00	3.37	3.48	11.19
OF 35.00	3.37	3.48	11.19
OF 36.00	3.37	3.48	11.19
OF 37.00	3.37	3.48	11.19
OF 38.00	3.36	3.48	11.19
OF 39.00	3.36	3.48	11.18
OF 40.00	3.36	3.48	11.18
OF 41.00	3.36	3.48	11.18
OF 42.00	3.35	3.48	11.18
OF 43.00	3.35	3.48	11.17
OF 44.00	3.35	3.48	11.17
OF 45.00	3.34	3.48	11.17
OF 46.00	3.34	3.48	11.17
OF 47.00	3.34	3.48	11.17
OF 48.00	3.33	3.48	11.16
OF 49.00	3.33	3.48	11.16
OF 50.00	3.33	3.48	11.16
OF 51.00	3.32	3.48	11.16
OF 52.00	3.32	3.48	11.15
OF 53.00	3.32	3.48	11.15
OF 54.00	3.31	3.48	11.15
OF 55.00	3.31	3.48	11.15
OF 56.00	3.30	3.48	11.14
OF 57.00	3.30	3.48	11.14
OF 58.00	3.30	3.48	11.14
OF 59.00	3.29	3.48	11.13
OF 60.00	3.29	3.48	11.13
OF 61.00	3.28	3.48	11.13
OF 62.00	3.28	3.48	11.13
OF 63.00	3.27	3.48	11.12
OF 64.00	3.27	3.48	11.12
OF 65.00	3.27	3.48	11.12
OF 66.00	3.26	3.48	11.11
OF 67.00	3.26	3.48	11.11
OF 68.00	3.25	3.48	11.11
OF 69.00	3.25	3.48	11.10
OF 70.00	3.24	3.48	11.10
OF 71.00	3.24	3.48	11.10
OF 72.00	3.23	3.48	11.09
OF 73.00	3.23	3.48	11.09
OF 74.00	3.22	3.48	11.09
OF 75.00	3.22	3.48	11.08
OF 76.00	3.21	3.48	11.08
OF 77.00	3.21	3.48	11.08
OF 78.00	3.20	3.48	11.07
OF 79.00	3.20	3.48	11.07
OF 80.00	3.20	3.48	11.07
OF 81.00	3.19	3.48	11.06
OF 82.00	3.19	3.48	11.06
OF 83.00	3.19	3.48	11.06
OF 84.00	3.18	3.48	11.06
OF 85.00	3.18	3.48	11.05
OF 86.00	3.18	3.48	11.05
OF 87.00	3.17	3.48	11.05
OF 88.00	3.17	3.48	11.05

OF	89.00	3.17	3.48	11.05
OF	90.00	3.16	3.48	11.04
OF	91.00	3.16	3.48	11.04
OF	92.00	3.16	3.48	11.04
OF	93.00	3.16	3.48	11.04
OF	94.00	3.16	3.48	11.04
OF	95.00	3.15	3.48	11.04
OF	96.00	3.15	3.48	11.04
OF	97.00	3.15	3.48	11.04
OF	98.00	3.15	3.48	11.04
OF	99.00	3.15	3.48	11.04
OF	100.00	3.15	3.48	11.04
OF	101.00	3.15	3.48	11.04
OF	102.00	3.15	3.48	11.04
OF	103.00	3.15	3.48	11.04
OF	104.00	3.15	3.48	11.04
OF	105.00	3.16	3.48	11.04
OF	106.00	3.16	3.48	11.04
OF	107.00	3.16	3.48	11.04
OF	108.00	3.17	3.49	11.05
IF	109.00	3.17	3.49	11.05
IF	110.00	3.18	3.49	11.05
IF	111.00	3.18	3.49	11.06
IF	112.00	3.19	3.49	11.06
IF	113.00	3.20	3.49	11.07
IF	114.00	3.20	3.49	11.07
IF	115.00	3.21	3.49	11.08
IF	116.00	3.22	3.49	11.09
IF	117.00	3.23	3.49	11.09
IF	118.00	3.24	3.49	11.10
IF	119.00	3.26	3.49	11.11
IF	120.00	3.27	3.49	11.12
IF	121.00	3.29	3.49	11.13
IF	122.00	3.30	3.49	11.14
IF	156.50	3.12	3.49	11.02
IF	165.00	2.67	3.49	10.70
IF	165.90	0.01	3.49	8.84

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
42.00	1.00	8.83

PART5 LOCATION OF V ZONES  
STATION OF GUTTER LOCATION OF ZONE  
158.84 WINDWARD

PART6 NUMBERED A ZONES AND V ZONES				
STATION OF GUTTER	ELEVATION	ZONE DESIGNATION	FHF	
0.00	11.22			
		V22 EL=11	120	
41.00	11.18			
		V22 EL=11	120	
42.00	11.18			
		V22 EL=11	120	
158.84	10.93			
		A19 EL=11	95	
165.10	10.50			
		A19 EL=10	95	
165.58	9.50			
		A19 EL= 9	95	
165.90	8.84			

ZONE TERMINATED AT END OF TRANSECT  
PART 7 POSTSCRIPT NOTES

PS# 1 START(420571.5907,4844879.2893)  
PS# 2 END(420679.5905,4844850.7386)

-1.000000e+00