

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	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
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	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
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	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
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	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
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	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
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	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
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	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
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	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
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	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
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	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
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	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
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	
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES	
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	0.205	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	91.000	-3.513	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	92.000	-3.307	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	93.000	-3.102	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	94.000	-2.897	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	95.000	-2.691	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	96.000	-2.485	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	97.000	-2.280	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	98.000	-2.074	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	99.000	-1.869	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	100.000	-1.664	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	101.000	-1.458	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	102.000	-1.253	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	103.000	-1.047	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	104.000	-0.841	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	105.000	-0.636	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	106.000	-0.430	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	107.000	-0.225	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	108.000	-0.020	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	109.000	0.186	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	110.000	0.391	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
IF	111.000	0.597	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
IF	112.000	0.803	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
IF	113.000	1.008	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	114.000	1.214	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	115.000	1.419	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	116.000	1.625	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
IF	117.000	1.830	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
IF	118.000	2.036	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
IF	119.000	2.241	0.000	8.830	0.000	0.000	0.000	0.000	0.205	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	120.000	2.447	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
IF	121.000	2.652	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
IF	122.000	2.858	0.000	8.830	0.000	0.000	0.000	0.000	0.048	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	156.500	4.350	0.000	8.830	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	WINDWARD
158.84		

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