

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

Executed on: Thu Apr 16 13:27:11 2020

Input file: C:\FEMA-TransectAnalysis\LOMR-TransectAnalysis-Portland\3\_whafis\whafis4\CM-96-1.dat

Output file: C:\FEMA-TransectAnalysis\LOMR-TransectAnalysis-Portland\3\_whafis\whafis4\CM-96-1.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	-8.809	1.000	1.000	8.881	4.124	4.721	56.140	0.017	0.000
OF	1.000	-8.792	0.000	8.881	0.000	0.000	0.000	0.000	0.017	0.000
OF	2.000	-8.775	0.000	8.882	0.000	0.000	0.000	0.000	0.017	0.000
OF	3.000	-8.758	0.000	8.882	0.000	0.000	0.000	0.000	0.017	0.000
OF	4.000	-8.740	0.000	8.882	0.000	0.000	0.000	0.000	0.017	0.000
OF	5.000	-8.723	0.000	8.882	0.000	0.000	0.000	0.000	0.017	0.000
OF	6.000	-8.706	0.000	8.882	0.000	0.000	0.000	0.000	0.017	0.000
OF	7.000	-8.689	0.000	8.882	0.000	0.000	0.000	0.000	0.017	0.000
OF	8.000	-8.672	0.000	8.882	0.000	0.000	0.000	0.000	0.017	0.000
OF	9.000	-8.655	0.000	8.882	0.000	0.000	0.000	0.000	0.017	0.000
OF	10.000	-8.637	0.000	8.882	0.000	0.000	0.000	0.000	0.017	0.000
OF	11.000	-8.620	0.000	8.882	0.000	0.000	0.000	0.000	0.017	0.000
OF	12.000	-8.603	0.000	8.882	0.000	0.000	0.000	0.000	0.017	0.000
OF	13.000	-8.586	0.000	8.882	0.000	0.000	0.000	0.000	0.017	0.000
OF	14.000	-8.569	0.000	8.882	0.000	0.000	0.000	0.000	0.017	0.000
OF	15.000	-8.552	0.000	8.882	0.000	0.000	0.000	0.000	0.017	0.000
OF	16.000	-8.534	0.000	8.882	0.000	0.000	0.000	0.000	0.017	0.000
OF	17.000	-8.517	0.000	8.882	0.000	0.000	0.000	0.000	0.017	0.000
OF	18.000	-8.500	0.000	8.882	0.000	0.000	0.000	0.000	0.017	0.000
OF	19.000	-8.483	0.000	8.882	0.000	0.000	0.000	0.000	0.017	0.000
OF	20.000	-8.466	0.000	8.882	0.000	0.000	0.000	0.000	0.017	0.000
OF	21.000	-8.449	0.000	8.882	0.000	0.000	0.000	0.000	0.017	0.000
OF	22.000	-8.431	0.000	8.882	0.000	0.000	0.000	0.000	0.017	0.000
OF	23.000	-8.414	0.000	8.882	0.000	0.000	0.000	0.000	0.017	0.000
OF	24.000	-8.397	0.000	8.882	0.000	0.000	0.000	0.000	0.017	0.000
OF	25.000	-8.380	0.000	8.883	0.000	0.000	0.000	0.000	0.017	0.000
OF	26.000	-8.363	0.000	8.883	0.000	0.000	0.000	0.000	0.017	0.000
OF	27.000	-8.346	0.000	8.883	0.000	0.000	0.000	0.000	0.017	0.000
OF	28.000	-8.328	0.000	8.883	0.000	0.000	0.000	0.000	0.017	0.000
OF	29.000	-8.311	0.000	8.883	0.000	0.000	0.000	0.000	0.017	0.000
OF	30.000	-8.294	0.000	8.883	0.000	0.000	0.000	0.000	0.017	0.000
OF	31.000	-8.277	0.000	8.883	0.000	0.000	0.000	0.000	0.017	0.000
OF	32.000	-8.260	0.000	8.883	0.000	0.000	0.000	0.000	0.017	0.000
OF	33.000	-8.243	0.000	8.883	0.000	0.000	0.000	0.000	0.017	0.000
OF	34.000	-8.225	0.000	8.883	0.000	0.000	0.000	0.000	0.017	0.000
OF	35.000	-8.208	0.000	8.883	0.000	0.000	0.000	0.000	0.017	0.000
OF	36.000	-8.191	0.000	8.883	0.000	0.000	0.000	0.000	0.017	0.000
OF	37.000	-8.174	0.000	8.883	0.000	0.000	0.000	0.000	0.017	0.000
OF	38.000	-8.157	0.000	8.883	0.000	0.000	0.000	0.000	0.017	0.000
OF	39.000	-8.139	0.000	8.883	0.000	0.000	0.000	0.000	0.017	0.000
OF	40.000	-8.122	0.000	8.883	0.000	0.000	0.000	0.000	0.017	0.000
OF	41.000	-8.105	0.000	8.883	0.000	0.000	0.000	0.000	0.017	0.000
OF	42.000	-8.088	0.000	8.883	0.000	0.000	0.000	0.000	0.017	0.000
OF	43.000	-8.071	0.000	8.883	0.000	0.000	0.000	0.000	0.017	0.000
OF	44.000	-8.054	0.000	8.884	0.000	0.000	0.000	0.000	0.017	0.000
OF	45.000	-8.037	0.000	8.884	0.000	0.000	0.000	0.000	0.017	0.000
OF	46.000	-8.019	0.000	8.884	0.000	0.000	0.000	0.000	0.017	0.000
OF	47.000	-8.002	0.000	8.884	0.000	0.000	0.000	0.000	0.017	0.000
OF	48.000	-7.985	0.000	8.884	0.000	0.000	0.000	0.000	0.017	0.000
OF	49.000	-7.968	0.000	8.884	0.000	0.000	0.000	0.000	0.017	0.000
OF	50.000	-7.951	0.000	8.884	0.000	0.000	0.000	0.000	0.017	0.000
OF	51.000	-7.934	0.000	8.884	0.000	0.000	0.000	0.000	0.017	0.000
OF	52.000	-7.916	0.000	8.884	0.000	0.000	0.000	0.000	0.017	0.000
OF	53.000	-7.899	0.000	8.884	0.000	0.000	0.000	0.000	0.017	0.000
OF	54.000	-7.882	0.000	8.884	0.000	0.000	0.000	0.000	0.017	0.000
OF	55.000	-7.865	0.000	8.884	0.000	0.000	0.000	0.000	0.017	0.000
OF	56.000	-7.848	0.000	8.884	0.000	0.000	0.000	0.000	0.017	0.000
OF	57.000	-7.831	0.000	8.884	0.000	0.000	0.000	0.000	0.017	0.000
OF	58.000	-7.813	0.000	8.884	0.000	0.000	0.000	0.000	0.017	0.000
OF	59.000	-7.796	0.000	8.884	0.000	0.000	0.000	0.000	0.017	0.000
OF	60.000	-7.779	0.000	8.884	0.000	0.000	0.000	0.000	0.017	0.000
OF	61.000	-7.762	0.000	8.884	0.000	0.000	0.000	0.000	0.017	0.000
OF	62.000	-7.745	0.000	8.884	0.000	0.000	0.000	0.000	0.017	0.000
OF	63.000	-7.728	0.000	8.884	0.000	0.000	0.000	0.000	0.017	0.000
OF	64.000	-7.710	0.000	8.884	0.000	0.000	0.000	0.000	0.017	0.000
OF	65.000	-7.693	0.000	8.884	0.000	0.000	0.000	0.000	0.017	0.000
OF	66.000	-7.676	0.000	8.884	0.000	0.000	0.000	0.000	0.017	0.000
OF	67.000	-7.659	0.000	8.885	0.000	0.000	0.000	0.000	0.017	0.000
OF	68.000	-7.642	0.000	8.885	0.000	0.000	0.000	0.000	0.017	0.000
OF	69.000	-7.625	0.000	8.885	0.000	0.000	0.000	0.000	0.017	0.000
OF	70.000	-7.608	0.000	8.885	0.000	0.000	0.000	0.000	0.017	0.000
OF	71.000	-7.590	0.000	8.885	0.000	0.000	0.000	0.000	0.017	0.000
OF	72.000	-7.573	0.000	8.885	0.000	0.000	0.000	0.000	0.017	0.000
OF	73.000	-7.556	0.000	8.885	0.000	0.000	0.000	0.000	0.017	0.000
OF	74.000	-7.539	0.000	8.885	0.000	0.000	0.000	0.000	0.017	0.000
OF	75.000	-7.522	0.000	8.885	0.000	0.000	0.000	0.000	0.017	0.000
OF	76.000	-7.504	0.000	8.885	0.000	0.000	0.000	0.000	0.017	0.000
OF	77.000	-7.487	0.000	8.885	0.000	0.000	0.000	0.000	0.017	0.000
OF	78.000	-7.470	0.000	8.885	0.000	0.000	0.000	0.000	0.017	0.000
OF	79.000	-7.453	0.000	8.885	0.000	0.000	0.000	0.000	0.017	0.000
OF	80.000	-7.436	0.000	8.885	0.000	0.000	0.000	0.000	0.017	0.000
OF	81.000	-7.419	0.000	8.885	0.000	0.000	0.000	0.000	0.017	0.000
OF	82.000	-7.402	0.000	8.885	0.000	0.000	0.000	0.000	0.017	0.000
OF	83.000	-7.384	0.000	8.885	0.000	0.000	0.000	0.000	0.017	0.000
OF	84.000	-7.367	0.000	8.885	0.000	0.000	0.000	0.000	0.017	0.000
OF	85.000	-7.350	0.000	8.885	0.000	0.000	0.000	0.000	0.017	0.000
OF	86.000	-7.333	0.000	8.885	0.000	0.000	0.000	0.000	0.017	0.000
OF	87.000	-7.316	0.000	8.885	0.000	0.000	0.000	0.000	0.017	0.000
OF	88.000	-7.299	0.000	8.885	0.000	0.000	0.000	0.000	0.030	0.000
OF	89.000	-7.256	0.000	8.885	0.000	0.000	0.000	0.000	0.094	0.000
OF	90.000	-7.111	0.000	8.885	0.000	0.000	0.000	0.000	0.145	0.000
OF	91.000	-6.966	0.000	8.885	0.000	0.000	0.000	0.000	0.145	0.000
OF	92.000	-6.821	0.000	8.885	0.000	0.000	0.000	0.000	0.145	0.000



[illegible]

[illegible]

	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	87.000	-7.316	0.000	8.885	0.000	0.000	0.000	0.000		0.017	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	88.000	-7.299	0.000	8.885	0.000	0.000	0.000	0.000		0.030	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	89.000	-7.256	0.000	8.885	0.000	0.000	0.000	0.000		0.094	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	90.000	-7.111	0.000	8.885	0.000	0.000	0.000	0.000		0.145	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	91.000	-6.966	0.000	8.885	0.000	0.000	0.000	0.000		0.145	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	92.000	-6.821	0.000	8.885	0.000	0.000	0.000	0.000		0.145	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	93.000	-6.676	0.000	8.885	0.000	0.000	0.000	0.000		0.145	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	94.000	-6.530	0.000	8.885	0.000	0.000	0.000	0.000		0.146	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	95.000	-6.385	0.000	8.885	0.000	0.000	0.000	0.000		0.145	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	96.000	-6.240	0.000	8.885	0.000	0.000	0.000	0.000		0.145	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	97.000	-6.094	0.000	8.885	0.000	0.000	0.000	0.000		0.145	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	98.000	-5.949	0.000	8.885	0.000	0.000	0.000	0.000		0.145	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	99.000	-5.804	0.000	8.885	0.000	0.000	0.000	0.000		0.145	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	100.000	-5.659	0.000	8.885	0.000	0.000	0.000	0.000		0.145	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	101.000	-5.514	0.000	8.885	0.000	0.000	0.000	0.000		0.145	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	102.000	-5.368	0.000	8.885	0.000	0.000	0.000	0.000		0.145	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	103.000	-5.223	0.000	8.885	0.000	0.000	0.000	0.000		0.145	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	104.000	-5.078	0.000	8.885	0.000	0.000	0.000	0.000		0.145	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	105.000	-4.933	0.000	8.885	0.000	0.000	0.000	0.000		0.145	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	106.000	-4.787	0.000	8.885	0.000	0.000	0.000	0.000		0.145	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	107.000	-4.642	0.000	8.885	0.000	0.000	0.000	0.000		0.145	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	108.000	-4.497	0.000	8.885	0.000	0.000	0.000	0.000		0.145	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	109.000	-4.352	0.000	8.885	0.000	0.000	0.000	0.000		0.145	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	110.000	-4.207	0.000	8.885	0.000	0.000	0.000	0.000		0.145	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	111.000	-4.061	0.000	8.885	0.000	0.000	0.000	0.000		0.145	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	112.000	-3.916	0.000	8.885	0.000	0.000	0.000	0.000		0.145	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	113.000	-3.771	0.000	8.885	0.000	0.000	0.000	0.000		0.145	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	114.000	-3.626	0.000	8.885	0.000	0.000	0.000	0.000		0.145	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	115.000	-3.480	0.000	8.885	0.000	0.000	0.000	0.000		0.145	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	116.000	-3.335	0.000	8.885	0.000	0.000	0.000	0.000		0.145	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	117.000	-3.190	0.000	8.885	0.000	0.000	0.000	0.000		0.145	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	118.000	-3.045	0.000	8.885	0.000	0.000	0.000	0.000		0.145	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	119.000	-2.899	0.000	8.885	0.000	0.000	0.000	0.000		0.145	0.000
	END	END	NEW SURGE	NEW SURGE						BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR						SLOPE	A-ZONES
	120.000	-2.754	0.000	8.885	0.000	0.000	0.000	0.000		0.145	0.000

	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	121.000	-2.609	0.000	8.885	0.000	0.000	0.000	0.000	0.145	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	122.000	-2.464	0.000	8.885	0.000	0.000	0.000	0.000	0.145	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	123.000	-2.319	0.000	8.885	0.000	0.000	0.000	0.000	0.145	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	124.000	-2.174	0.000	8.885	0.000	0.000	0.000	0.000	0.145	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	125.000	-2.028	0.000	8.885	0.000	0.000	0.000	0.000	0.740	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	129.000	1.529	0.000	8.885	0.000	0.000	0.000	0.000	0.431	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	134.000	1.854	0.000	8.885	0.000	0.000	0.000	0.000	0.274	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	137.000	3.720	0.000	8.885	0.000	0.000	0.000	0.000	0.156	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	147.000	3.885	0.000	8.885	0.000	0.000	0.000	0.000	-0.002	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	156.000	3.691	0.000	8.885	0.000	0.000	0.000	0.000	0.189	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	167.300	7.718	0.000	8.997	0.000	0.000	0.000	0.000	0.291	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	170.600	7.944	0.000	9.121	0.000	0.000	0.000	0.000	0.069	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	173.900	8.171	0.000	9.165	0.000	0.000	0.000	0.000	0.112	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	177.200	8.684	0.000	9.193	0.000	0.000	0.000	0.000	0.209	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	178.800	9.193	0.000	9.193	0.000	0.000	0.000	0.000	0.318	0.000
-----END OF TRANSECT-----										

NOTE:

SURGE ELEVATION INCLUDES CONTRIBUTIONS FROM ASTRONOMICAL AND STORM TIDES.

1

PART2: CONTROLLING WAVE HEIGHTS, SPECTRAL				PEAK WAVE PERIOD, AND WAVE CREST ELEVATIONS		
LOCATION		CONTROLLING	SPECTRAL PEAK	WAVE CREST		
		WAVE HEIGHT	WAVE PERIOD	ELEVATION		
IE	0.00	4.12	4.72	11.77		
OF	1.00	4.12	4.72	11.77		
OF	2.00	4.12	4.72	11.77		
OF	3.00	4.13	4.72	11.77		
OF	4.00	4.13	4.72	11.77		
OF	5.00	4.13	4.72	11.77		
OF	6.00	4.13	4.72	11.77		
OF	7.00	4.13	4.72	11.77		
OF	8.00	4.13	4.72	11.77		
OF	9.00	4.13	4.72	11.77		
OF	10.00	4.13	4.72	11.77		
OF	11.00	4.13	4.72	11.77		
OF	12.00	4.13	4.72	11.77		
OF	13.00	4.13	4.72	11.77		
OF	14.00	4.13	4.72	11.77		
OF	15.00	4.13	4.72	11.77		
OF	16.00	4.13	4.72	11.77		
OF	17.00	4.13	4.72	11.77		
OF	18.00	4.13	4.72	11.77		
OF	19.00	4.13	4.72	11.77		
OF	20.00	4.13	4.72	11.77		
OF	21.00	4.13	4.72	11.78		
OF	22.00	4.13	4.72	11.78		
OF	23.00	4.13	4.72	11.78		
OF	24.00	4.13	4.72	11.78		
OF	25.00	4.14	4.72	11.78		
OF	26.00	4.14	4.72	11.78		
OF	27.00	4.14	4.72	11.78		
OF	28.00	4.14	4.72	11.78		
OF	29.00	4.14	4.72	11.78		
OF	30.00	4.14	4.72	11.78		
OF	31.00	4.14	4.72	11.78		
OF	32.00	4.14	4.72	11.78		
OF	33.00	4.14	4.72	11.78		
OF	34.00	4.14	4.72	11.78		
OF	35.00	4.14	4.72	11.78		
OF	36.00	4.14	4.72	11.78		
OF	37.00	4.14	4.72	11.78		
OF	38.00	4.14	4.72	11.78		
OF	39.00	4.14	4.72	11.78		
OF	40.00	4.14	4.72	11.78		
OF	41.00	4.14	4.72	11.78		
OF	42.00	4.14	4.72	11.78		
OF	43.00	4.14	4.72	11.78		
OF	44.00	4.14	4.72	11.78		
OF	45.00	4.14	4.72	11.79		
OF	46.00	4.15	4.72	11.79		
OF	47.00	4.15	4.72	11.79		
OF	48.00	4.15	4.72	11.79		

OF	49.00	4.15	4.72	11.79
OF	50.00	4.15	4.72	11.79
OF	51.00	4.15	4.72	11.79
OF	52.00	4.15	4.72	11.79
OF	53.00	4.15	4.72	11.79
OF	54.00	4.15	4.72	11.79
OF	55.00	4.15	4.72	11.79
OF	56.00	4.15	4.72	11.79
OF	57.00	4.15	4.72	11.79
OF	58.00	4.15	4.72	11.79
OF	59.00	4.15	4.72	11.79
OF	60.00	4.15	4.72	11.79
OF	61.00	4.15	4.72	11.79
OF	62.00	4.15	4.72	11.79
OF	63.00	4.15	4.72	11.79
OF	64.00	4.15	4.72	11.79
OF	65.00	4.15	4.72	11.79
OF	66.00	4.16	4.72	11.79
OF	67.00	4.16	4.72	11.79
OF	68.00	4.16	4.72	11.79
OF	69.00	4.16	4.72	11.79
OF	70.00	4.16	4.72	11.80
OF	71.00	4.16	4.72	11.80
OF	72.00	4.16	4.72	11.80
OF	73.00	4.16	4.72	11.80
OF	74.00	4.16	4.72	11.80
OF	75.00	4.16	4.72	11.80
OF	76.00	4.16	4.72	11.80
OF	77.00	4.16	4.72	11.80
OF	78.00	4.16	4.72	11.80
OF	79.00	4.16	4.72	11.80
OF	80.00	4.16	4.72	11.80
OF	81.00	4.16	4.72	11.80
OF	82.00	4.16	4.72	11.80
OF	83.00	4.16	4.72	11.80
OF	84.00	4.16	4.72	11.80
OF	85.00	4.17	4.72	11.80
OF	86.00	4.17	4.72	11.80
OF	87.00	4.17	4.72	11.80
OF	88.00	4.17	4.72	11.80
OF	89.00	4.17	4.72	11.80
OF	90.00	4.17	4.72	11.80
OF	91.00	4.17	4.72	11.81
OF	92.00	4.18	4.72	11.81
OF	93.00	4.18	4.72	11.81
OF	94.00	4.18	4.72	11.81
OF	95.00	4.18	4.72	11.81
OF	96.00	4.19	4.72	11.82
OF	97.00	4.19	4.72	11.82
OF	98.00	4.19	4.72	11.82
OF	99.00	4.20	4.72	11.82
OF	100.00	4.20	4.73	11.83
OF	101.00	4.20	4.73	11.83
OF	102.00	4.21	4.73	11.83
OF	103.00	4.21	4.73	11.83
OF	104.00	4.22	4.73	11.84
OF	105.00	4.22	4.73	11.84
OF	106.00	4.23	4.73	11.84
OF	107.00	4.23	4.73	11.85
OF	108.00	4.24	4.73	11.85
OF	109.00	4.24	4.73	11.85
OF	110.00	4.25	4.73	11.86
OF	111.00	4.25	4.73	11.86
OF	112.00	4.26	4.73	11.87
OF	113.00	4.26	4.73	11.87
OF	114.00	4.27	4.73	11.87
OF	115.00	4.28	4.73	11.88
OF	116.00	4.28	4.73	11.88
OF	117.00	4.29	4.73	11.89
OF	118.00	4.30	4.73	11.89
OF	119.00	4.31	4.73	11.90
OF	120.00	4.31	4.73	11.90
OF	121.00	4.32	4.73	11.91
OF	122.00	4.33	4.73	11.92
OF	123.00	4.34	4.73	11.92
OF	124.00	4.35	4.73	11.93
OF	125.00	4.36	4.73	11.93
IF	129.00	4.59	4.73	12.09
IF	134.00	4.53	4.73	12.06
IF	137.00	3.76	4.73	11.52
IF	147.00	3.65	4.73	11.44
IF	156.00	3.62	4.73	11.42
IF	167.30	0.98	4.73	9.68
IF	170.60	0.90	4.73	9.75
IF	173.90	0.76	4.73	9.70
IF	177.20	0.39	4.73	9.47
IF	178.80	0.01	4.73	9.20

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
2.00	1.00	8.88
25.00	1.00	8.88
44.00	1.00	8.88
67.00	1.00	8.89
167.30	1.00	9.00
170.60	1.00	9.12
173.90	1.00	9.16
177.20	1.00	9.19

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

PART6 NUMBERED A ZONES AND V ZONES				
STATION OF GUTTER	ELEVATION	ZONE DESIGNATION		FHF
0.00	11.77			
		V22	EL=12	120
1.00	11.77			
		V22	EL=12	120
2.00	11.77			
		V22	EL=12	120
24.00	11.78			
		V22	EL=12	120
25.00	11.78			
		V22	EL=12	120
43.00	11.78			
		V22	EL=12	120
44.00	11.78			
		V22	EL=12	120
66.00	11.79			
		V22	EL=12	120
67.00	11.79			
		V22	EL=12	120
138.94	11.50			
		V22	EL=11	120
156.00	11.42			
		V22	EL=11	120
158.67	11.04			
		A18	EL=11	90
161.99	10.50			
		A18	EL=10	90
167.30	9.68			
		A18	EL=10	90
170.60	9.75			
		A18	EL=10	90
173.90	9.70			
		A18	EL=10	90
176.76	9.50			
		A18	EL= 9	90
177.20	9.47			
		A18	EL= 9	90
178.80	9.20			
ZONE TERMINATED AT END OF TRANSECT				
PART 7 POSTSCRIPT NOTES				
PS#	1	START(411230.068,4838905.6463)		
PS#	2	END(411114.2713,4838917.814)		

-1.000000e+00