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

WINDLE 56 14 WINDLE 56 16 WINDLE 56 17 WINDLE 56 17 WINDLE 56 17 WINDLE 56 18 WI

				WING NON-DE DIF 56.14	WINDOF 56.	14 WINDVH	BEING USED 60.00			
IE	0.000	-8.809	1.000	1.000	PART1 INF 8.881	UT 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 OF	2.000	-8.775 -8.758	0.000	8.882 8.882	0.000	0.000	0.000	0.000	0.017 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 OF	7.000 8.000	-8.689 -8.672	0.000	8.882 8.882	0.000	0.000	0.000	0.000	0.017 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 OF	12.000 13.000	-8.603 -8.586	0.000	8.882 8.882	0.000	0.000	0.000	0.000	0.017 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 OF	16.000 17.000	-8.534 -8.517	0.000	8.882 8.882	0.000	0.000	0.000	0.000	0.017 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 OF	20.000 21.000	-8.466 -8.449	0.000	8.882 8.882	0.000	0.000	0.000	0.000	0.017 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 OF	24.000 25.000	-8.397 -8.380	0.000	8.882 8.883	0.000	0.000	0.000	0.000	0.017 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 8.883	0.000	0.000	0.000	0.000	0.017	0.000
OF OF	29.000 30.000	-8.311 -8.294	0.000	8.883	0.000	0.000	0.000	0.000	0.017 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 OF	33.000 34.000	-8.243 -8.225	0.000	8.883 8.883	0.000	0.000	0.000	0.000	0.017 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 OF	37.000 38.000	-8.174 -8.157	0.000	8.883 8.883	0.000	0.000	0.000	0.000	0.017 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 OF	42.000 43.000	-8.088 -8.071	0.000	8.883 8.883	0.000	0.000	0.000	0.000	0.017 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 OF	46.000 47.000	-8.019 -8.002	0.000	8.884 8.884	0.000	0.000	0.000	0.000	0.017 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 OF	50.000 51.000	-7.951 -7.934	0.000	8.884 8.884	0.000	0.000	0.000	0.000	0.017 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 OF	54.000 55.000	-7.882 -7.865	0.000	8.884 8.884	0.000	0.000	0.000	0.000	0.017 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 OF	58.000 59.000	-7.813 -7.796	0.000	8.884 8.884	0.000	0.000	0.000	0.000	0.017 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 OF	62.000 63.000	-7.745 -7.728	0.000	8.884 8.884	0.000	0.000	0.000	0.000	0.017 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 OF	66.000	-7.676 -7.659	0.000	8.884	0.000	0.000	0.000	0.000	0.017	0.000
OF	67.000 68.000	-7.642	0.000	8.885 8.885	0.000	0.000	0.000	0.000	0.017 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 OF	71.000 72.000	-7.590 -7.573	0.000	8.885 8.885	0.000	0.000	0.000	0.000	0.017 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 OF	75.000	-7.522 -7.504	0.000	8.885	0.000	0.000	0.000	0.000	0.017	0.000
OF	76.000 77.000	-7.487	0.000	8.885 8.885	0.000	0.000	0.000	0.000	0.017 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 OF	80.000 81.000	-7.436 -7.419	0.000	8.885 8.885	0.000	0.000	0.000	0.000	0.017 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 OF	84.000 85.000	-7.367 -7.350	0.000	8.885 8.885	0.000	0.000	0.000	0.000	0.017 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 OF	88.000 89.000	-7.299 -7.256	0.000	8.885 8.885	0.000	0.000	0.000	0.000	0.030 0.094	0.000
OF	90.000	-7.256 -7.111	0.000	8.885	0.000	0.000	0.000	0.000	0.094	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

1	OF OF OF OF OF OF OF OF OF OF OF OF OF O	94.000 95.000 96.000 97.000 98.000 99.000 100.000 101.000 102.000 105.000 106.000 107.000 111.000 112.000 111.000 112.000 111.000 112.000 113.000 114.000 115.000 116.000 117.000 118.000 119.000 119.000 120.000 121.000 121.000 125.000 121.000 123.000 123.000 124.000 125.000 125.000 127.200 177.200 178.800 0.000	-6.530 -6.385 -6.240 -6.994 -5.994 -5.804 -5.659 -5.514 -5.368 -5.223 -5.078 -4.993 -4.787 -4.642 -4.497 -4.352 -4.497 -4.352 -4.497 -4.352 -4.497 -2.4497 -2.129 -2.754 -3.680 -3.335 -3.190 -3.480 -3.335 -3.190 -3.480 -3.335 -3.190 -3.480 -3.385 -3.190 -3.771 -3.626 -3.464 -2.174 -2.028 -2.174 -2.028 -3.899 -2.754 -3.899 -2.7718 -3.691 -3.7914 -3.7918 -3.7918 -3.991 -3.7918 -3.991 -3.7918 -3.991 -3.7918 -3.991 -3.7918 -3.991 -3.7918 -3.991 -3.7918 -3.991 -3.7918 -3.991 -3.991	0.000 0.000	8.885 8.885	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.145 0.145
IE	END STATION 0.000 END STATION	END ELEVATION -8.809 END	FETCH LENGTH 1.000 NEW SURGE 10-YEAR	SURGE ELEV 10-YEAR 1.000 NEW SURGE 100-YEAR		INITIAL WAVE HEIGHT 4.124	INITIAL W. PERIOD 4.721	56.140	BOTTOM SLOPE 0.017 BOTTOM	AVERAGE A-ZONES 0.000 AVERAGE A-ZONES
OF	1.000 END STATION	ELEVATION -8.792 END ELEVATION	0.000 NEW SURGE 10-YEAR	8.881 NEW SURGE 100-YEAR	0.000	0.000	0.000	0.000	SLOPE 0.017 BOTTOM SLOPE	0.000 AVERAGE A-ZONES
OF	2.000 END STATION	-8.775 END ELEVATION	0.000 NEW SURGE 10-YEAR	8.882 NEW SURGE 100-YEAR	0.000	0.000	0.000	0.000	0.017 BOTTOM SLOPE	0.000 AVERAGE A-ZONES
OF	3.000 END STATION	-8.758 END ELEVATION	0.000 NEW SURGE 10-YEAR	8.882 NEW SURGE 100-YEAR	0.000	0.000	0.000	0.000	0.017 BOTTOM SLOPE	0.000 AVERAGE A-ZONES
OF	4.000 END	-8.740 END	0.000 NEW SURGE	8.882 NEW SURGE	0.000	0.000	0.000	0.000	0.017 BOTTOM	0.000 AVERAGE
OF	STATION 5.000 END	ELEVATION -8.723 END	10-YEAR 0.000 NEW SURGE	100-YEAR 8.882 NEW SURGE	0.000	0.000	0.000	0.000	SLOPE 0.017 BOTTOM	A-ZONES 0.000 AVERAGE
OF	STATION 6.000 END	-8.706 END		100-YEAR 8.882 NEW SURGE	0.000	0.000	0.000	0.000	SLOPE 0.017 BOTTOM	A-ZONES 0.000 AVERAGE
OF	STATION 7.000 END	ELEVATION -8.689 END	10-YEAR 0.000 NEW SURGE	100-YEAR 8.882 NEW SURGE	0.000	0.000	0.000	0.000	SLOPE 0.017 BOTTOM	A-ZONES 0.000 AVERAGE
OF	STATION 8.000 END	ELEVATION -8.672 END	10-YEAR 0.000 NEW SURGE	100-YEAR 8.882 NEW SURGE	0.000	0.000	0.000	0.000	SLOPE 0.017 BOTTOM	A-ZONES 0.000 AVERAGE
OF	STATION 9.000 END		10-YEAR 0.000 NEW SURGE	100-YEAR 8.882	0.000	0.000	0.000	0.000	SLOPE 0.017 BOTTOM	A-ZONES 0.000 AVERAGE
OF	STATION 10.000	ELEVATION -8.637	10-YEAR 0.000	100-YEAR 8.882	0.000	0.000	0.000	0.000	SLOPE 0.017	A-ZONES 0.000
OF	END STATION 11.000	-8.620	NEW SURGE 10-YEAR 0.000	100-YEAR 8.882	0.000	0.000	0.000	0.000	BOTTOM SLOPE 0.017	AVERAGE A-ZONES 0.000
OF	END STATION 12.000	END ELEVATION -8.603	NEW SURGE 10-YEAR 0.000	NEW SURGE 100-YEAR 8.882	0.000	0.000	0.000	0.000	BOTTOM SLOPE 0.017	AVERAGE A-ZONES 0.000
OF	END STATION 13.000	END ELEVATION -8.586	NEW SURGE 10-YEAR 0.000	NEW SURGE 100-YEAR 8.882	0.000	0.000	0.000	0.000	BOTTOM SLOPE 0.017	AVERAGE A-ZONES 0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	14.000 END STATION	ELEVATION	0.000 NEW SURGE 10-YEAR	100-YEAR	0.000		0.000	0.000	0.017 BOTTOM SLOPE	0.000 AVERAGE A-ZONES
OF	15.000 END STATION		0.000 NEW SURGE 10-YEAR	8.882 NEW SURGE 100-YEAR	0.000	0.000	0.000	0.000	0.017 BOTTOM SLOPE	0.000 AVERAGE A-ZONES
OF	16.000 END	-8.534 END	0.000 NEW SURGE	8.882 NEW SURGE	0.000	0.000	0.000	0.000	0.017 BOTTOM	0.000 AVERAGE
OF	STATION 17.000 END	ELEVATION -8.517 END	10-YEAR 0.000 NEW SURGE	100-YEAR 8.882 NEW SURGE	0.000	0.000	0.000	0.000	SLOPE 0.017 BOTTOM	A-ZONES 0.000 AVERAGE
OF	STATION 18.000	ELEVATION -8.500	10-YEAR 0.000	100-YEAR 8.882	0.000	0.000	0.000	0.000	SLOPE 0.017	A-ZONES 0.000

OF OF 93.000 94.000 -6.676 -6.530 0.000

8.885 8.885 0.000

0.000

0.000

0.000

0.145 0.146 0.000

	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR	0 000	0 000	0 000	0 000	SLOPE	A-ZONES
OF	19.000 END	-8.483 END	0.000 NEW SURGE	8.882 NEW SURGE	0.000	0.000	0.000	0.000	0.017 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	20.000	-8.466	0.000	8.882	0.000	0.000	0.000	0.000	0.017	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR	0 000		0 000		SLOPE	A-ZONES
OF	21.000 END	-8.449 END	0.000 NEW SURGE	8.882 NEW SURGE	0.000	0.000	0.000	0.000	0.017 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	22.000	-8.431	0.000	8.882	0.000	0.000	0.000	0.000	0.017	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR	0 000		0 000		SLOPE	A-ZONES
OF	23.000 END	-8.414 END	0.000 NEW SURGE	8.882 NEW SURGE	0.000	0.000	0.000	0.000	0.017 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	24.000	-8.397	0.000	8.882	0.000	0.000	0.000	0.000	0.017	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION 25.000	ELEVATION -8.380	10-YEAR 0.000	100-YEAR	0.000	0.000	0.000	0.000	SLOPE 0.017	A-ZONES 0.000
OF	END	-0.300 END	NEW SURGE	8.883 NEW SURGE	0.000	0.000	0.000	0.000	BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	26.000	-8.363	0.000	8.883	0.000	0.000	0.000	0.000	0.017	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION 27.000	ELEVATION -8.346	10-YEAR 0.000	100-YEAR 8.883	0.000	0.000	0.000	0.000	SLOPE 0.017	A-ZONES 0.000
OF	END	END	NEW SURGE	NEW SURGE	0.000	0.000	0.000	0.000	BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	28.000	-8.328	0.000	8.883	0.000	0.000	0.000	0.000	0.017	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	29.000	-8.311	0.000	8.883	0.000	0.000	0.000	0.000	0.017	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	30.000 END	-8.294 END	0.000 NEW SURGE	8.883 NEW SURGE	0.000	0.000	0.000	0.000	0.017 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	31.000	-8.277	0.000	8.883	0.000	0.000	0.000	0.000	0.017	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
0.11	STATION	ELEVATION	10-YEAR	100-YEAR	0.000	0.000	0 000	0 000	SLOPE	A-ZONES
OF	32.000 END	-8.260 END	0.000 NEW SURGE	8.883 NEW SURGE	0.000	0.000	0.000	0.000	0.017 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	33.000	-8.243	0.000	8.883	0.000	0.000	0.000	0.000	0.017	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION 34.000	ELEVATION -8.225	10-YEAR 0.000	100-YEAR 8.883	0.000	0.000	0.000	0.000	SLOPE 0.017	A-ZONES 0.000
OF	END	-0.225 END	NEW SURGE	NEW SURGE	0.000	0.000	0.000	0.000	BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	35.000	-8.208	0.000	8.883	0.000	0.000	0.000	0.000	0.017	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION 36.000	ELEVATION -8.191	10-YEAR 0.000	100-YEAR 8.883	0.000	0.000	0.000	0.000	SLOPE 0.017	A-ZONES 0.000
OF	END	END	NEW SURGE	NEW SURGE	0.000	0.000	0.000	0.000	BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	37.000	-8.174	0.000	8.883	0.000	0.000	0.000	0.000	0.017	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	38.000	-8.157	0.000	8.883	0.000	0.000	0.000	0.000	0.017	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	39.000 END	-8.139 END	0.000 NEW SURGE	8.883 NEW SURGE	0.000	0.000	0.000	0.000	0.017 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	40.000	-8.122	0.000	8.883	0.000	0.000	0.000	0.000	0.017	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
0.11	STATION	ELEVATION	10-YEAR	100-YEAR	0 000	0 000	0 000	0 000	SLOPE	A-ZONES
OF	41.000 END	-8.105 END	0.000 NEW SURGE	8.883 NEW SURGE	0.000	0.000	0.000	0.000	0.017 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	42.000	-8.088	0.000	8.883	0.000	0.000	0.000	0.000	0.017	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE A-ZONES
OF	STATION 43.000	ELEVATION -8.071	10-YEAR 0.000	100-YEAR 8.883	0.000	0.000	0.000	0.000	SLOPE 0.017	0.000
01	END	END	NEW SURGE	NEW SURGE	3.000	5.000	3.000	0.000	BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	44.000	-8.054	0.000 NEW SURGE	8.884	0.000	0.000	0.000	0.000	0.017	0.000
	END STATION	END ELEVATION	10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	45.000	-8.037	0.000	8.884	0.000	0.000	0.000	0.000	0.017	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
0.11	STATION	ELEVATION	10-YEAR	100-YEAR	0.000	0.000	0 000	0 000	SLOPE	A-ZONES
OF	46.000 END	-8.019 END	0.000 NEW SURGE	8.884 NEW SURGE	0.000	0.000	0.000	0.000	0.017 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	47.000	-8.002	0.000	8.884	0.000	0.000	0.000	0.000	0.017	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION 48.000	ELEVATION -7.985	10-YEAR 0.000	100-YEAR 8.884	0.000	0.000	0.000	0.000	SLOPE 0.017	A-ZONES 0.000
01	END	=7.983 END	NEW SURGE	NEW SURGE	0.000	5.500	0.000	0.000	BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR			_	_	SLOPE	A-ZONES
OF	49.000	-7.968	0.000	8.884	0.000	0.000	0.000	0.000	0.017	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	50.000	-7.951	0.000	8.884	0.000	0.000	0.000	0.000	0.017	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
0.5	STATION	ELEVATION	10-YEAR	100-YEAR	0.000	0.000	0.000	0.000	SLOPE	A-ZONES
OF	51.000 END	-7.934 END	0.000 NEW SURGE	8.884 NEW SURGE	0.000	0.000	0.000	0.000	0.017 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	52.000	-7.916	0.000	8.884	0.000	0.000	0.000	0.000	0.017	0.000

	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	53.000 END	-7.899 END	0.000 NEW SURGE	8.884 NEW SURGE	0.000	0.000	0.000	0.000	0.017 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	54.000 END	-7.882 END	0.000 NEW SURGE	8.884 NEW SURGE	0.000	0.000	0.000	0.000	0.017 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	55.000 END	-7.865 END	0.000 NEW SURGE	8.884 NEW SURGE	0.000	0.000	0.000	0.000	0.017 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	56.000 END	-7.848 END	0.000 NEW SURGE	8.884 NEW SURGE	0.000	0.000	0.000	0.000	0.017 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	57.000 END	-7.831 END	0.000 NEW SURGE	8.884 NEW SURGE	0.000	0.000	0.000	0.000	0.017 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	58.000 END	-7.813 END	0.000 NEW SURGE	8.884 NEW SURGE	0.000	0.000	0.000	0.000	0.017 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	59.000 END	-7.796 END	0.000 NEW SURGE	8.884 NEW SURGE	0.000	0.000	0.000	0.000	0.017 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	60.000 END	-7.779 END	0.000 NEW SURGE	8.884 NEW SURGE	0.000	0.000	0.000	0.000	0.017 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	61.000 END	-7.762 END	0.000 NEW SURGE	8.884 NEW SURGE	0.000	0.000	0.000	0.000	0.017 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	62.000 END	-7.745 END	0.000 NEW SURGE	8.884 NEW SURGE	0.000	0.000	0.000	0.000	0.017 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	63.000 END	-7.728 END	0.000 NEW SURGE	8.884 NEW SURGE	0.000	0.000	0.000	0.000	0.017 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	64.000 END	-7.710 END	0.000 NEW SURGE	8.884 NEW SURGE	0.000	0.000	0.000	0.000	0.017 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	65.000 END	-7.693 END	0.000 NEW SURGE	8.884 NEW SURGE	0.000	0.000	0.000	0.000	0.017 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	66.000 END	-7.676 END	0.000 NEW SURGE	8.884 NEW SURGE	0.000	0.000	0.000	0.000	0.017 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	67.000 END	-7.659 END	0.000 NEW SURGE	8.885 NEW SURGE	0.000	0.000	0.000	0.000	0.017 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	68.000 END	-7.642 END	0.000 NEW SURGE	8.885 NEW SURGE	0.000	0.000	0.000	0.000	0.017 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	69.000 END	-7.625 END	0.000 NEW SURGE	8.885 NEW SURGE	0.000	0.000	0.000	0.000	0.017 BOTTOM	0.000 AVERAGE
0.17	STATION	ELEVATION	10-YEAR	100-YEAR	0.000	0 000	0.000	0.000	SLOPE	A-ZONES
OF	70.000 END	-7.608 END	0.000 NEW SURGE	8.885 NEW SURGE	0.000	0.000	0.000	0.000	0.017 BOTTOM	0.000 AVERAGE
OF	STATION 71.000	ELEVATION -7.590	10-YEAR 0.000	100-YEAR 8.885	0.000	0.000	0.000	0.000	SLOPE 0.017	A-ZONES 0.000
OF	END	END	NEW SURGE	NEW SURGE	0.000	0.000	0.000	0.000	BOTTOM	AVERAGE
OF	STATION 72.000	ELEVATION -7.573	10-YEAR 0.000	100-YEAR 8.885	0.000	0.000	0.000	0.000	SLOPE 0.017	A-ZONES 0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION 73.000	ELEVATION -7.556	10-YEAR 0.000	100-YEAR 8.885	0.000	0.000	0.000	0.000	SLOPE 0.017	A-ZONES 0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION 74.000	ELEVATION -7.539	10-YEAR 0.000	100-YEAR 8.885	0.000	0.000	0.000	0.000	SLOPE 0.017	A-ZONES 0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION 75.000	ELEVATION -7.522	10-YEAR 0.000	100-YEAR 8.885	0.000	0.000	0.000	0.000	SLOPE 0.017	A-ZONES 0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION 76.000	ELEVATION -7.504	10-YEAR 0.000	100-YEAR 8.885	0.000	0.000	0.000	0.000	SLOPE 0.017	A-ZONES 0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	77.000	-7.487	0.000	8.885	0.000	0.000	0.000	0.000	0.017	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	78.000	-7.470	0.000	8.885	0.000	0.000	0.000	0.000	0.017	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	79.000	-7.453	0.000	8.885	0.000	0.000	0.000	0.000	0.017	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	80.000	-7.436	0.000	8.885	0.000	0.000	0.000	0.000	0.017	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	81.000	-7.419	0.000	8.885	0.000	0.000	0.000	0.000	0.017	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	82.000	-7.402	0.000	8.885	0.000	0.000	0.000	0.000	0.017	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	83.000	-7.384	0.000	8.885	0.000	0.000	0.000	0.000	0.017	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	84.000	-7.367	0.000	8.885	0.000	0.000	0.000	0.000	0.017	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	85.000 END	-7.350 END	0.000 NEW SURGE	8.885 NEW SURGE	0.000	0.000	0.000	0.000	0.017 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	86.000	-7.333	0.000	8.885	0.000	0.000	0.000	0.000	0.017	0.000

	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	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 88.000	ELEVATION -7.299	10-YEAR 0.000	100-YEAR 8.885	0.000	0.000	0.000	0.000	SLOPE 0.030	A-ZONES 0.000
OF	END	END	NEW SURGE	NEW SURGE	0.000	0.000	0.000	0.000	BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR	0.000				SLOPE	A-ZONES
OF	89.000 END	-7.256 END	0.000 NEW SURGE	8.885 NEW SURGE	0.000	0.000	0.000	0.000	0.094 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	90.000	-7.111	0.000	8.885	0.000	0.000	0.000	0.000	0.145	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	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 92.000	ELEVATION -6.821	10-YEAR 0.000	100-YEAR 8.885	0.000	0.000	0.000	0.000	SLOPE 0.145	A-ZONES 0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION 93.000	ELEVATION -6.676	10-YEAR 0.000	100-YEAR 8.885	0.000	0.000	0.000	0.000	SLOPE 0.145	A-ZONES 0.000
OF	93.000 END	-0.076 END	NEW SURGE	NEW SURGE	0.000	0.000	0.000	0.000	BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	94.000 END	-6.530 END	0.000 NEW SURGE	8.885 NEW SURGE	0.000	0.000	0.000	0.000	0.146 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	95.000	-6.385	0.000	8.885	0.000	0.000	0.000	0.000	0.145	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	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 97.000	ELEVATION -6.094	10-YEAR 0.000	100-YEAR 8.885	0.000	0.000	0.000	0.000	SLOPE 0.145	A-ZONES 0.000
OF	END	END	NEW SURGE	NEW SURGE	0.000	0.000	0.000	0.000	BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	98.000 END	-5.949 END	0.000 NEW SURGE	8.885 NEW SURGE	0.000	0.000	0.000	0.000	0.145 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	99.000	-5.804	0.000 NEW SURGE	8.885	0.000	0.000	0.000	0.000	0.145	0.000
	END STATION	END ELEVATION	10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	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 SLOPE	AVERAGE A-ZONES
OF	STATION 101.000	ELEVATION -5.514	10-YEAR 0.000	100-YEAR 8.885	0.000	0.000	0.000	0.000	0.145	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION 102.000	ELEVATION -5.368	10-YEAR 0.000	100-YEAR 8.885	0.000	0.000	0.000	0.000	SLOPE 0.145	A-ZONES 0.000
OF	END	-5.368 END	NEW SURGE	NEW SURGE	0.000	0.000	0.000	0.000	BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	103.000 END	-5.223 END	0.000 NEW SURGE	8.885 NEW SURGE	0.000	0.000	0.000	0.000	0.145 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	104.000	-5.078	0.000	8.885	0.000	0.000	0.000	0.000	0.145	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	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 106.000	ELEVATION -4.787	10-YEAR 0.000	100-YEAR 8.885	0.000	0.000	0.000	0.000	SLOPE 0.145	A-ZONES 0.000
01	END	END	NEW SURGE	NEW SURGE	0.000	0.000	0.000	0.000	BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR	0.000				SLOPE	A-ZONES
OF	107.000 END	-4.642 END	0.000 NEW SURGE	8.885 NEW SURGE	0.000	0.000	0.000	0.000	0.145 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	108.000	-4.497	0.000 NEW SURGE	8.885	0.000	0.000	0.000	0.000	0.145	0.000
	END STATION	END ELEVATION	10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	109.000	-4.352	0.000	8.885	0.000	0.000	0.000	0.000	0.145	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	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 111.000	ELEVATION -4.061	10-YEAR 0.000	100-YEAR 8.885	0.000	0.000	0.000	0.000	SLOPE 0.145	A-ZONES 0.000
91	END	END	NEW SURGE	NEW SURGE	3.000	0.000	0.000	3.000	BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR	0.000				SLOPE	A-ZONES
OF	112.000 END	-3.916 END	0.000 NEW SURGE	8.885 NEW SURGE	0.000	0.000	0.000	0.000	0.145 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	113.000	-3.771	0.000	8.885	0.000	0.000	0.000	0.000	0.145	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	114.000	-3.626	0.000	8.885	0.000	0.000	0.000	0.000	0.145	0.000
	END	END	NEW SURGE 10-YEAR	NEW SURGE					BOTTOM	AVERAGE A-ZONES
OF	STATION 115.000	ELEVATION -3.480	0.000	100-YEAR 8.885	0.000	0.000	0.000	0.000	SLOPE 0.145	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION 116.000	ELEVATION -3.335	10-YEAR 0.000	100-YEAR 8.885	0.000	0.000	0.000	0.000	SLOPE 0.145	A-ZONES 0.000
OF	END	-3.335 END	NEW SURGE	NEW SURGE	0.000	0.000	0.000	0.000	BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	117.000 END	-3.190 END	0.000 NEW SURGE	8.885 NEW SURGE	0.000	0.000	0.000	0.000	0.145 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	118.000	-3.045	0.000	8.885	0.000	0.000	0.000	0.000	0.145	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	119.000	-2.899	0.000	8.885	0.000	0.000	0.000	0.000	0.145	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION 120.000	ELEVATION -2.754	10-YEAR 0.000	100-YEAR 8.885	0.000	0.000	0.000	0.000	SLOPE 0.145	A-ZONES 0.000
		_,,,,,	2.000	2.000						2.300

	END	END	NEW SURGE 10-YEAR	NEW SURGE					BOTTOM	AVERAGE
OF	STATION 121.000	ELEVATION -2.609	0.000	100-YEAR 8.885	0.000	0.000	0.000	0.000	SLOPE 0.145	A-ZONES 0.000
Or	END		NEW SURGE	NEW SURGE	0.000	0.000	0.000	0.000	BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	122.000	-2.464	0.000	8.885	0.000	0.000	0.000	0.000	0.145	0.000
Or	END	END	NEW SURGE	NEW SURGE	0.000	0.000	0.000	0.000	BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	123.000	-2.319	0.000	8.885	0.000	0.000	0.000	0.000	0.145	0.000
OF	END	END	NEW SURGE	NEW SURGE	0.000	0.000	0.000	0.000	BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	124.000	-2.174	0.000	8.885	0.000	0.000	0.000	0.000	0.145	0.000
0.2	END		NEW SURGE	NEW SURGE	0.000	0.000	0.000	0.000	BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	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
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	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
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	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
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	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
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	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
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	156.000	3.691	0.000	8.885	0.000	0.000	0.000	0.000	0.189	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION 7.718	10-YEAR	100-YEAR	0.000	0 000	0.000	0.000	SLOPE	A-ZONES
IF	167.300 END	7.718 END	0.000 NEW SURGE	8.997 NEW SURGE	0.000	0.000	0.000	0.000	0.291 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	AVERAGE A-ZONES
IF	170.600	7.944	0.000	9.121	0.000	0.000	0.000	0.000	0.069	0.000
IF	END			NEW SURGE	0.000	0.000	0.000	0.000	BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	173.900	8.171	0.000	9.165	0.000	0.000	0.000	0.000	0.112	0.000
TL	END	END	NEW SURGE	NEW SURGE	0.000	0.000	0.000	0.000	BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	177.200	8.684	0.000	9.193	0.000	0.000	0.000	0.000	0.209	0.000
	END		NEW SURGE	NEW SURGE	0.000	0.000	0.000	0.000	BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
IF	178.800	9.193	0.000	9.193	0.000	0.000	0.000	0.000		0.000
					0.000 -END OF TRANS	ECT				
NOTE:										

NOTE: SURGE ELEVATION INCLUDES CONTRIBUTIONS FROM ASTRONOMICAL AND STORM TIDES.

			D, AND WAVE CRE	ST ELEVATIONS
LOC.	ATION	CONTROLLING WAVE HEIGHT	SPECTRAL PEAK WAVE PERIOD	WAVE CREST 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 11.77
OF OF	4.00	4.13 4.13	4.72 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 11.00	4.13	4.72	11.77 11.77
OF OF	12.00	4.13 4.13	4.72 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 OF	18.00 19.00	4.13 4.13	4.72 4.72	11.77 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 OF	24.00 25.00	4.13 4.14	4.72 4.72	11.78 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 OF	31.00 32.00	4.14 4.14	4.72 4.72	11.78 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 OF	37.00 38.00	4.14 4.14	4.72 4.72	11.78 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 OF	43.00 44.00	4.14 4.14	4.72 4.72	11.78 11.78
OF	45.00	4.14	4.72	11.78
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 OF OF	49.00 50.00 51.00 52.00		4.15 4.15 4.15 4.15 4.15	4.72 4.72 4.72 4.72	11.79 11.79 11.79 11.79
OF OF	53.00 54.00 55.00		4.15 4.15 4.15	4.72 4.72 4.72	11.79 11.79 11.79
OF OF	56.00 57.00		4.15 4.15	4.72 4.72	11.79 11.79
OF OF	58.00 59.00 60.00		4.15 4.15 4.15	4.72 4.72 4.72	11.79 11.79 11.79
OF OF	61.00		4.15 4.15	4.72 4.72 4.72	11.79 11.79
OF OF	63.00 64.00		4.15 4.15	4.72 4.72	11.79 11.79
OF OF	65.00		4.15 4.16	4.72 4.72	11.79 11.79
OF OF	67.00 68.00 69.00		4.16 4.16 4.16	4.72 4.72 4.72	11.79 11.79 11.79
OF OF	70.00		4.16 4.16	4.72 4.72 4.72	11.80 11.80
OF OF	72.00 73.00		4.16 4.16	4.72 4.72	11.80 11.80
OF OF	74.00		4.16 4.16	4.72	11.80 11.80
OF OF	76.00 77.00 78.00		4.16 4.16 4.16	4.72 4.72 4.72	11.80 11.80 11.80
OF OF	79.00 80.00		4.16 4.16	4.72 4.72 4.72	11.80 11.80 11.80
OF OF	81.00 82.00		4.16 4.16	4.72	11.80 11.80
OF OF	83.00		4.16 4.16	4.72	11.80 11.80
OF OF	85.00 86.00 87.00		4.17 4.17 4.17	4.72 4.72 4.72	11.80 11.80 11.80
OF OF	88.00 89.00		4.17 4.17 4.17	4.72 4.72 4.72	11.80 11.80 11.80
OF OF	90.00		4.17 4.17	4.72	11.80 11.81
OF OF	92.00 93.00		4.18 4.18	4.72	11.81 11.81
OF OF	94.00		4.18 4.18	4.72 4.72	11.81 11.81
OF OF	96.00 97.00 98.00		4.19 4.19 4.19	4.72 4.72 4.72	11.82 11.82 11.82
OF	99.00		4.20	4.72 4.73	11.82 11.83
OF	101.00 102.00		4.20 4.21	4.73	11.83 11.83
OF	103.00		4.21	4.73 4.73	11.83 11.84
OF	105.00 106.00 107.00		4.22 4.23 4.23	4.73 4.73 4.73	11.84 11.84 11.85
OF	108.00		4.24	4.73	11.85 11.85
OF	110.00 111.00		4.25 4.25	4.73 4.73	11.86 11.86
OF	112.00 113.00 114.00		4.26 4.26 4.27	4.73 4.73 4.73	11.87 11.87 11.87
OF	114.00 115.00 116.00		4.28 4.28	4.73 4.73 4.73	11.88 11.88
OF	117.00 118.00		4.29 4.30	4.73 4.73	11.89 11.89
OF	119.00 120.00		4.31	4.73 4.73	11.90 11.90
OF	121.00 122.00 123.00		4.32 4.33 4.34	4.73 4.73 4.73	11.91 11.92 11.92
OF	124.00 125.00		4.35	4.73 4.73	11.93 11.93
IF	129.00 134.00		4.59 4.53	4.73	12.09 12.06
IF	137.00 147.00		3.76 3.65	4.73 4.73	11.52 11.44
IF	156.00 167.30 170.60		3.62 0.98 0.90	4.73 4.73 4.73	11.42 9.68 9.75
IF	173.90 177.20		0.76	4.73 4.73	9.70 9.47
PART3 L		N OF AREA		4.73 LOO-YEAR SURGI	
NO AREA	PAR	T4 LOCATI		IN THIS TRANSI	
2.00 25.00		TO-IF	1.00 1.00	100-	-YEAR SURGE 8.88 8.88
44.00 67.00			1.00		8.88 8.89
167.30 170.60			1.00		9.00 9.12
173.90 177.20		PART5	1.00 1.00 LOCATION	OF V ZONES	9.16 9.19
ST.	ATION	OF GUTTER 158.67		LOCATION OF WINDWARD	ZONE

			FHF
11.77	1100	Br -10	120
11.77			
11 77	V22	EL=12	120
	V22	EL=12	120
11.78	V22	EL=12	120
11.78	W22	EL=12	120
11.78			
11.78	V22	EL=12	120
11 70	V22	EL=12	120
	V22	EL=12	120
11.79	V22	EL=12	120
11.50	W22	EL=11	120
11.42			
11.04	V22	EL=11	120
10 50	A18	EL=11	90
	A18	EL=10	90
9.68	A18	EL=10	90
9.75	Δ18	EI.=10	90
9.70			
9.50	A18	ET=10	90
9 47	A18	EL= 9	90
2.17	A18	EL= 9	90
	ER ELEVATION 20 11.77 11.77 11.77 11.78 11.78 11.78 11.78 11.79 11.79 11.50 11.42 11.04 10.50 9.68 9.75 9.70	ER ELEVATION 11.77 V22 11.77 V22 11.77 V22 11.78 V22 11.78 V22 11.78 V22 11.78 V22 11.79 V22 11.79 V22 11.79 V22 11.50 V22 11.42 V22 11.04 A18 10.50 A18 9.68 A18 9.75 A18 9.70 A18 9.50 A18 9.47	11.77 11.77 11.77 11.77 11.77 11.78 11.78 11.78 11.78 11.78 11.78 11.78 11.79 11.79 11.79 11.50 11.42 11.04 11.42 11.04 11.04 11.04 10.50 9.68 9.75 A18 EL=10 9.70 A18 EL=10 9.47

PS# 2 END(411114.2713,4838917.814)

A18 EL= 9

20NE TERMINATED AT END OF TRANSECT
PART 7 POSTSCRIPT NOTES

PS# 2 END(411114.2713,4838917.814)

-1.000000e+00