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

Executed on: Wed Feb 26 13:21:30 2020

Input file: C:\FEMA-TransectAnalysis\LOMR-TransectAnalysis-Harpswell\Additional_Transects\3_whafis\whafis4\CM-158-1.dat
Output file: C:\FEMA-TransectAnalysis\LOMR-TransectAnalysis-Harpswell\Additional_Transects\3_whafis\whafis4\CM-158-1.out
header

THIS IS A 100-YEAR CASE

THE FOLLOWING NON-DEFAULT WIND SPEEDS ARE BEING USED
WINDLE 56 14 WINDLE 56

0.000 1.000 2.000 3.000 4.000 5.000 6.000 7.000 11.000 12.000 13.000 14.000 15.000 16.000 17.000 18.000 22.000 23.000 24.000 23.000 24.000 25.000 26.000 27.000 28.000 29.000 31.000 29.000 31.000 31.000 32.000 33.000 34.000 35.000 36.000 37.000 38.000 37.000 38.000 37.000 38.000 37.000 38.000 37.000 38.000 37.000 38.000 37.000 38.000 37.000 38.000 37.000 38.000 37.000 38.000 37.000 38.000 37.000 38.000 39.000 40.000 41.000 41.000 42.000 43.000 45.000 45.000 66.000 57.000 58.000 59.000 66.000 57.000 58.000 59.000 66.000 77.000 67.000 68.000 67.000 68.000 77.000 78.000 79.000 80.000 71.000 71.000 71.000 72.000 73.000 74.000 75.000 76.000 77.000 78.000 79.000 80.000 81.000 85.000 85.000 86.000 87.000 88.000 88.000 88.000 88.000 88.000 88.000 88.000 88.000 88.000	-15.456 -15.450 -15.445 -15.445 -15.444 -15.429 -15.424 -15.413 -15.407 -15.397 -15.397 -15.397 -15.397 -15.380 -15.375 -15.375 -15.375 -15.375 -15.364 -15.364 -15.359 -15.364 -15.327 -15.327 -15.327 -15.327 -15.327 -15.327 -15.327 -15.320 -15.224 -15.294 -15.294 -15.294 -15.294 -15.294 -15.294 -15.294 -15.291 -15.262 -15.278 -15.279 -15.187 -15.181 -15.171 -15.164 -15.151 -15.154 -15.151 -15.154 -15.151 -15.154 -15.151 -15.154 -15.151 -15.154 -15.151 -15.154 -15.151 -15.154 -15.151 -15.154 -15.151 -15.154 -15.151 -15.154 -15.151 -15.154 -15.151 -15.154 -15.157	WIND 1.000 0.000	1F 56.14 1.000 8.816 8.817	WINDOF 56. PARTI INF 8.816 0.0000 0.0000	14 WINDVH UT	60.00 2.713 0.0000 0.000	56.140 0.0000 0.000	0.006 0.005	0.000 0.000
85.000	-9.614	0.000	8.817	0.000	0.000	0.000	0.000	0.349	0.000
	1.000 2.000 3.000 4.000 5.000 6.000 7.000 8.000 11.000 11.000 11.000 13.000 14.000 15.000 16.000 17.000 18.000 22.000 23.000 22.000 23.000 25.000 26.000 27.000 28.000 29.000 31.000 31.000 31.000 33.000 34.000 35.000 36.000 37.000 38.000 37.000 38.000 39.000 31.000	1.000	WIND	0.000	Name	Name		WINDTS 56.14 WINDTS WINDT	Name

1	OF O	93.000 94.000 95.000 96.000 97.000 98.000 99.000 100.000 101.000 103.000 104.000 105.000 106.000 107.000 108.000 110.000 111.000 111.000 111.000 112.000 115.000 122.000 131.200 0.000	-6.826 -6.477 -6.128 -5.780 -5.432 -5.083 -4.734 -4.386 -4.037 -3.689 -3.341 -2.992 -2.644 -1.598 -1.250 -0.901 -0.553 -0.203 3.458 1.847 8.332 8.877 0.000	0.000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.	8.817 8.817	0.000 0.000	0.000 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0000 0.000 0.00	0.000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.000 0.000	0.348 0.349 0.349 0.349 0.349 0.349 0.349 0.349 0.349 0.349 0.349 0.349 0.349 0.349 0.349 0.349 0.349 0.349 0.349
IE	END STATION 0.000 END	END ELEVATION -15.456 END	FETCH LENGTH 1.000 NEW SURGE	SURGE ELEV 10-YEAR 1.000 NEW SURGE		INITIAL WAVE HEIGHT 2.850	INITIAL W. PERIOD 2.713	56.140	BOTTOM SLOPE 0.006 BOTTOM	AVERAGE A-ZONES 0.000 AVERAGE
OF	STATION 1.000 END	ELEVATION -15.450 END	10-YEAR 0.000 NEW SURGE	100-YEAR 8.816 NEW SURGE	0.000	0.000	0.000	0.000	SLOPE 0.005 BOTTOM	A-ZONES 0.000 AVERAGE
OF	STATION 2.000 END	ELEVATION -15.445 END	10-YEAR 0.000 NEW SURGE	100-YEAR 8.816 NEW SURGE	0.000	0.000	0.000	0.000	SLOPE 0.005 BOTTOM	A-ZONES 0.000 AVERAGE
OF	STATION 3.000 END	ELEVATION -15.440 END	10-YEAR 0.000 NEW SURGE	100-YEAR 8.816 NEW SURGE	0.000	0.000	0.000	0.000	SLOPE 0.005 BOTTOM	A-ZONES 0.000 AVERAGE
OF	STATION 4.000 END	ELEVATION -15.434 END	10-YEAR 0.000 NEW SURGE	100-YEAR 8.816 NEW SURGE	0.000	0.000	0.000	0.000	SLOPE 0.005 BOTTOM	A-ZONES 0.000 AVERAGE
OF	STATION 5.000 END	ELEVATION -15.429 END	10-YEAR 0.000 NEW SURGE	100-YEAR 8.816 NEW SURGE	0.000	0.000	0.000	0.000	SLOPE 0.005 BOTTOM	A-ZONES 0.000 AVERAGE
OF	STATION 6.000 END	ELEVATION -15.424 END	10-YEAR 0.000 NEW SURGE	100-YEAR 8.816 NEW SURGE	0.000	0.000	0.000	0.000	SLOPE 0.005 BOTTOM	A-ZONES 0.000 AVERAGE
OF	STATION 7.000 END	ELEVATION -15.418 END	10-YEAR 0.000 NEW SURGE	100-YEAR 8.816 NEW SURGE	0.000	0.000	0.000	0.000	SLOPE 0.005 BOTTOM	A-ZONES 0.000 AVERAGE
OF	STATION 8.000 END	ELEVATION -15.413 END	10-YEAR 0.000 NEW SURGE	100-YEAR 8.816 NEW SURGE	0.000	0.000	0.000	0.000	SLOPE 0.005 BOTTOM	A-ZONES 0.000 AVERAGE
OF	STATION 9.000 END	ELEVATION -15.407 END	10-YEAR 0.000 NEW SURGE	100-YEAR 8.816 NEW SURGE	0.000	0.000	0.000	0.000	SLOPE 0.005 BOTTOM	A-ZONES 0.000 AVERAGE
OF	STATION 10.000 END	ELEVATION -15.402 END	10-YEAR 0.000 NEW SURGE	100-YEAR 8.816 NEW SURGE	0.000	0.000	0.000	0.000	SLOPE 0.005 BOTTOM	A-ZONES 0.000 AVERAGE
OF	STATION 11.000 END	ELEVATION -15.397 END	10-YEAR 0.000 NEW SURGE	100-YEAR 8.816 NEW SURGE	0.000	0.000	0.000	0.000	SLOPE 0.005 BOTTOM	A-ZONES 0.000 AVERAGE
OF	STATION 12.000 END	ELEVATION -15.391 END	10-YEAR 0.000 NEW SURGE	100-YEAR 8.816 NEW SURGE	0.000	0.000	0.000	0.000	SLOPE 0.005 BOTTOM	A-ZONES 0.000 AVERAGE
OF	STATION 13.000	ELEVATION -15.386	10-YEAR 0.000	100-YEAR 8.816	0.000	0.000	0.000	0.000	SLOPE 0.005	A-ZONES 0.000
OF	END STATION 14.000	END ELEVATION -15.380	NEW SURGE 10-YEAR 0.000	NEW SURGE 100-YEAR 8.816	0.000	0.000	0.000	0.000	BOTTOM SLOPE 0.005	AVERAGE A-ZONES 0.000
OF	END STATION 15.000	END ELEVATION -15.375	NEW SURGE 10-YEAR 0.000	NEW SURGE 100-YEAR 8.816	0.000	0.000	0.000	0.000	BOTTOM SLOPE 0.005	AVERAGE A-ZONES 0.000
OF	END STATION 16.000	END ELEVATION -15.370	NEW SURGE 10-YEAR 0.000	NEW SURGE 100-YEAR 8.816	0.000	0.000	0.000	0.000	BOTTOM SLOPE 0.005	AVERAGE A-ZONES 0.000
OF	END STATION 17.000	END ELEVATION -15.364	NEW SURGE 10-YEAR 0.000	NEW SURGE 100-YEAR 8.816	0.000	0.000	0.000	0.000	BOTTOM SLOPE 0.005	AVERAGE A-ZONES 0.000
OF	END STATION 18.000	END ELEVATION -15.359	NEW SURGE 10-YEAR 0.000	NEW SURGE 100-YEAR 8.816	0.000	0.000	0.000	0.000	BOTTOM SLOPE 0.005	AVERAGE A-ZONES 0.000
OF	END STATION 19.000	END ELEVATION -15.354	NEW SURGE 10-YEAR 0.000	NEW SURGE 100-YEAR 8.816	0.000	0.000	0.000	0.000	BOTTOM SLOPE 0.005	AVERAGE A-ZONES 0.000
OF	END STATION 20.000	END ELEVATION -15.348	NEW SURGE 10-YEAR 0.000	NEW SURGE 100-YEAR 8.816	0.000	0.000	0.000	0.000	BOTTOM SLOPE 0.005	AVERAGE A-ZONES 0.000
OF	END STATION 21.000	END ELEVATION -15.343	NEW SURGE 10-YEAR 0.000	NEW SURGE 100-YEAR 8.816	0.000	0.000	0.000	0.000	BOTTOM SLOPE 0.005	AVERAGE A-ZONES 0.000
OF	END STATION 22.000	END ELEVATION -15.337	NEW SURGE 10-YEAR 0.000	NEW SURGE 100-YEAR 8.816	0.000	0.000	0.000	0.000	BOTTOM SLOPE 0.005	AVERAGE A-ZONES 0.000
OF	END STATION 23.000	END ELEVATION -15.332	NEW SURGE 10-YEAR 0.000	NEW SURGE 100-YEAR 8.816	0.000	0.000	0.000	0.000	BOTTOM SLOPE 0.005	AVERAGE A-ZONES 0.000
OF	END STATION 24.000	END ELEVATION -15.327	NEW SURGE 10-YEAR 0.000	NEW SURGE 100-YEAR 8.816	0.000	0.000	0.000	0.000	BOTTOM SLOPE 0.005	AVERAGE A-ZONES 0.000
Or	END	-15.327 END	NEW SURGE	NEW SURGE	0.000	3.000	0.000	0.000	BOTTOM	AVERAGE

0.000 0.000

	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	25.000 END	-15.321 END	0.000 NEW SURGE	8.816 NEW SURGE	0.000	0.000	0.000	0.000	0.005 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	26.000	-15.316	0.000	8.816	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	27.000	-15.310	0.000	8.816	0.000	0.000	0.000	0.000	0.005	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION 28.000	ELEVATION -15.305	10-YEAR 0.000	100-YEAR 8.816	0.000	0.000	0.000	0.000	SLOPE 0.005	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	29.000 END	-15.300 END	0.000 NEW SURGE	8.816 NEW SURGE	0.000	0.000	0.000	0.000	0.005 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	30.000	-15.294	0.000	8.816	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	31.000	-15.289	0.000	8.817	0.000	0.000	0.000	0.000	0.005	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION 32.000	ELEVATION -15.284	10-YEAR 0.000	100-YEAR 8.817	0.000	0.000	0.000	0.000	SLOPE 0.005	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	33.000	-15.278 END	0.000	8.817	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	34.000	-15.273	0.000	8.817	0.000	0.000	0.000	0.000	0.005	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION 35.000	ELEVATION -15.267	10-YEAR 0.000	100-YEAR 8.817	0.000	0.000	0.000	0.000	SLOPE 0.005	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	36.000 END	-15.262 END	0.000 NEW SURGE	8.817 NEW SURGE	0.000	0.000	0.000	0.000	0.005 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	37.000	-15.257	0.000	8.817	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE					BOTTOM SLOPE	AVERAGE A-ZONES
OF	38.000	-15.251	0.000	100-YEAR 8.817	0.000	0.000	0.000	0.000	0.005	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	39.000 END	-15.246 END	0.000 NEW SURGE	8.817 NEW SURGE	0.000	0.000	0.000	0.000	0.005 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	40.000	-15.241	0.000	8.817	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	41.000	-15.235	0.000	8.817	0.000	0.000	0.000	0.000	0.005	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
0.0	STATION	ELEVATION	10-YEAR	100-YEAR	0.000	0.000	0.000	0 000	SLOPE	A-ZONES
OF	42.000 END	-15.230 END	0.000 NEW SURGE	8.817 NEW SURGE	0.000	0.000	0.000	0.000	0.005 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	43.000	-15.224	0.000	8.817	0.000	0.000	0.000	0.000	0.005	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	44.000	-15.219	0.000	8.817	0.000	0.000	0.000	0.000	0.005	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION 45.000	ELEVATION -15.214	10-YEAR 0.000	100-YEAR 8.817	0.000	0.000	0.000	0.000	SLOPE 0.005	A-ZONES 0.000
OF	END		NEW SURGE		0.000	0.000	0.000	0.000	BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	46.000 END	-15.208	0.000 NEW SURGE	8.817 NEW SURGE	0.000	0.000	0.000	0.000	0.005 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	47.000	-15.204	0.000	8.817	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	48.000	-15.200	0.000	8.817	0.000	0.000	0.000	0.000	0.004	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION 49.000	ELEVATION -15.197	10-YEAR 0.000	100-YEAR 8.817	0.000	0.000	0.000	0.000	SLOPE 0.003	A-ZONES 0.000
OF	49.000 END	-15.197 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	50.000	-15.194	0.000	8.817	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	51.000	-15.190	0.000	8.817	0.000	0.000	0.000	0.000	0.004	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION 52.000	ELEVATION -15.187	10-YEAR 0.000	100-YEAR 8.817	0.000	0.000	0.000	0.000	SLOPE 0.003	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					SLOPE	A-ZONES
OF	53.000 END	-15.184 END	0.000 NEW SURGE	8.817 NEW SURGE	0.000	0.000	0.000	0.000	0.003 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	54.000	-15.181	0.000	8.817	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	55.000	-15.177	0.000	8.817	0.000	0.000	0.000	0.000	0.004	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
O.E.	STATION	ELEVATION	10-YEAR	100-YEAR	0 000	0 000	0.000	0 000	SLOPE	A-ZONES
OF	56.000 END	-15.174 END	0.000 NEW SURGE	8.817 NEW SURGE	0.000	0.000	0.000	0.000	0.003 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	57.000	-15.171	0.000	8.817	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	58.000	-15.167	0.000	8.817	0.000	0.000	0.000	0.000	0.004	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE

	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	59.000 END	-15.164 END	0.000 NEW SURGE	8.817 NEW SURGE	0.000	0.000	0.000	0.000	0.003 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	60.000	-15.161	0.000	8.817	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	61.000	-15.157	0.000	8.817	0.000	0.000	0.000	0.000	0.004	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION 62.000	ELEVATION -15.154	10-YEAR 0.000	100-YEAR 8.817	0.000	0.000	0.000	0.000	SLOPE 0.003	A-ZONES 0.000
01	END	END	NEW SURGE	NEW SURGE	0.000	0.000	0.000	0.000	BOTTOM	AVERAGE
0.17	STATION	ELEVATION	10-YEAR	100-YEAR	0.000	0.000	0.000	0.000	SLOPE	A-ZONES
OF	63.000 END	-15.151 END	0.000 NEW SURGE	8.817 NEW SURGE	0.000	0.000	0.000	0.000	0.004 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	64.000	-15.147	0.000	8.817	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	65.000	-15.144	0.000	8.817	0.000	0.000	0.000	0.000	0.003	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	66.000	-15.141	0.000	8.817	0.000	0.000	0.000	0.000	0.004	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION 67.000	ELEVATION -15.137	10-YEAR 0.000	100-YEAR 8.817	0.000	0.000	0.000	0.000	SLOPE 0.004	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	68.000 END	-15.134 END	0.000 NEW SURGE	8.817 NEW SURGE	0.000	0.000	0.000	0.000	0.003 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	69.000	-15.131	0.000	8.817	0.000	0.000	0.000	0.000	0.004	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	70.000	-15.127	0.000	8.817	0.000	0.000	0.000	0.000	0.004	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION 71.000	ELEVATION -15.124	10-YEAR 0.000	100-YEAR 8.817	0.000	0.000	0.000	0.000	SLOPE 0.083	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	72.000 END	-14.960 END	0.000 NEW SURGE	8.817 NEW SURGE	0.000	0.000	0.000	0.000	0.321 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	73.000	-14.482	0.000	8.817	0.000	0.000	0.000	0.000	0.479	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	74.000	-14.003	0.000	8.817	0.000	0.000	0.000	0.000	0.479	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION 75.000	ELEVATION -13.525	10-YEAR 0.000	100-YEAR 8.817	0.000	0.000	0.000	0.000	SLOPE 0.478	A-ZONES 0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION 76.000	ELEVATION -13.047	10-YEAR 0.000	100-YEAR 8.817	0.000	0.000	0.000	0.000	SLOPE 0.479	A-ZONES 0.000
OF	FND	-13.047 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	77.000 END	-12.568 END	0.000 NEW SURGE	8.817 NEW SURGE	0.000	0.000	0.000	0.000	0.479 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	78.000	-12.090	0.000	8.817	0.000	0.000	0.000	0.000	0.431	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	79.000	-11.705	0.000	8.817	0.000	0.000	0.000	0.000	0.368	0.000
	END		NEW SURGE						BOTTOM	AVERAGE
OF	STATION 80.000	ELEVATION -11.355	10-YEAR 0.000	100-YEAR 8.817	0.000	0.000	0.000	0.000	SLOPE 0.349	A-ZONES 0.000
01	END		NEW SURGE	NEW SURGE	0.000	0.000	0.000	0.000	BOTTOM	AVERAGE
0.17	STATION	ELEVATION	10-YEAR	100-YEAR	0.000	0.000	0.000	0.000	SLOPE	A-ZONES
OF	81.000 END	-11.007 END	0.000 NEW SURGE	8.817 NEW SURGE	0.000	0.000	0.000	0.000	0.348 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	82.000	-10.659	0.000	8.817	0.000	0.000	0.000	0.000	0.349	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	83.000	-10.310	0.000	8.817	0.000	0.000	0.000	0.000	0.348	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	84.000	-9.962	0.000	8.817	0.000	0.000	0.000	0.000	0.348	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION 85.000	ELEVATION -9.614	10-YEAR 0.000	100-YEAR 8.817	0.000	0.000	0.000	0.000	SLOPE 0.349	A-ZONES 0.000
OF	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	86.000 END	-9.265 END	0.000 NEW SURGE	8.817 NEW SURGE	0.000	0.000	0.000	0.000	0.349 BOTTOM	0.000 AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	87.000	-8.917	0.000	8.817	0.000	0.000	0.000	0.000	0.348	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
OF	88.000	-8.568	0.000	8.817	0.000	0.000	0.000	0.000	0.349	0.000
	END		NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION 89.000	ELEVATION -8.219	10-YEAR 0.000	100-YEAR 8.817	0.000	0.000	0.000	0.000	SLOPE 0.349	A-ZONES 0.000
	END	END	NEW SURGE	NEW SURGE	3.000		3.000	2.000	BOTTOM	AVERAGE
OF	STATION 90.000	ELEVATION -7.871	10-YEAR 0.000	100-YEAR	0.000	0.000	0.000	0.000	SLOPE 0.348	A-ZONES 0.000
OF	90.000 END	-7.871 END	NEW SURGE	8.817 NEW SURGE	0.000	0.000	0.000	0.000	BOTTOM	AVERAGE
_	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	91.000 END	-7.523 END	0.000 NEW SURGE	8.817 NEW SURGE	0.000	0.000	0.000	0.000	0.349 BOTTOM	0.000 AVERAGE
	STATION	END ELEVATION	10-YEAR	100-YEAR					SLOPE	AVERAGE A-ZONES
OF	92.000	-7.174	0.000	8.817	0.000	0.000	0.000	0.000	0.349	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE

	STATION		10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	93.000	-6.826	0.000	8.817	0.000	0.000	0.000	0.000	0.348	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION		10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	94.000	-6.477	0.000	8.817	0.000	0.000	0.000	0.000	0.349	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION		10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	95.000	-6.128	0.000	8.817	0.000	0.000	0.000	0.000	0.349	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	96.000	-5.780	0.000	8.817	0.000	0.000	0.000	0.000	0.348	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	97.000	-5.432	0.000	8.817	0.000	0.000	0.000	0.000	0.349	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR	0 000	0 000	0 000	0 000	SLOPE	A-ZONES
OF	98.000	-5.083	0.000	8.817	0.000	0.000	0.000	0.000	0.349	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	99.000	-4.734 END	0.000	8.817 NEW SURGE	0.000	0.000	0.000	0.000	0.348 BOTTOM	0.000 AVERAGE
	END STATION	ELEVATION	NEW SURGE	100-YEAR					SLOPE	A-ZONES
OF	100.000	-4.386	10-YEAR 0.000	8.817	0.000	0.000	0.000	0.000	0.349	0.000
Or	END	-4.360 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	101.000	-4.037	0.000	8.817	0.000	0.000	0.000	0.000	0.349	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	102.000	-3.689	0.000	8.817	0.000	0.000	0.000	0.000	0.348	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	103.000	-3.341	0.000	8.817	0.000	0.000	0.000	0.000	0.349	0.000
0.	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	104.000	-2.992	0.000	8.817	0.000	0.000	0.000	0.000	0.349	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	105.000	-2.644	0.000	8.817	0.000	0.000	0.000	0.000	0.348	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	106.000	-2.295	0.000	8.817	0.000	0.000	0.000	0.000	0.349	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	107.000	-1.946	0.000	8.817	0.000	0.000	0.000	0.000	0.349	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	108.000	-1.598	0.000	8.817	0.000	0.000	0.000	0.000	0.348	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	109.000	-1.250	0.000	8.817	0.000	0.000	0.000	0.000	0.349	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	110.000	-0.901	0.000	8.817	0.000	0.000	0.000	0.000	0.349	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	111.000	-0.553	0.000	8.817	0.000	0.000	0.000	0.000	0.349	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	112.000	-0.203	0.000	8.817	0.000	0.000	0.000	0.000	1.003	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR	0 000	0 000	0 000	0 000	SLOPE	A-ZONES
IF	115.000	3.458	0.000	8.817	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	0 000	0 000	0 000	0 000	SLOPE	A-ZONES
IF	122.000	1.847	0.000	8.817	0.000	0.000	0.000	0.000	0.301	0.000
	END STATION	END ELEVATION	NEW SURGE 10-YEAR	NEW SURGE 100-YEAR					BOTTOM SLOPE	AVERAGE A-ZONES
TE	131.200				0 000	0 000	0 000	0 000		
IF		8.332	0.000 NEW SURGE	8.877 NEW SURGE	0.000	0.000	0.000	0.000	0.703 BOTTOM	0.000
	END STATION			100-YEAR					CT ODE	AVERAGE
IF	132.000	8.877	10-YEAR 0.000	8.877	0.000	0 000	0.000	0 000	SLOPE 0 681	A-ZONES 0.000
T.C.	132.000	0.0//			-END OF TRANS	FCT	0.000	0.000	0.001	0.000
NOTE:					TWD OF TWWND	TC1=				
TAO T TO .										

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

PART2: CONTROLLING WAVE HEIGHTS SPECTRAL

	PART2:	CONTROLLING WAV	E HEIGHTS, SPECT	FRAL
		PEAK WAVE PERIO	D, AND WAVE CRES	ST ELEVATIONS
LO	CATION	CONTROLLING	SPECTRAL PEAK	WAVE CREST
		WAVE HEIGHT	WAVE PERIOD	ELEVATION
ΙE	0.00	2.85	2.71	10.81
OF	1.00	2.85	2.71	10.81
OF	2.00	2.85	2.71	10.81
OF	3.00	2.85	2.71	10.81
OF	4.00	2.85	2.71	10.81
OF	5.00	2.85	2.71	10.81
OF	6.00	2.85	2.71	10.81
OF	7.00	2.85	2.71	10.81
OF	8.00	2.85	2.71	10.81
OF	9.00	2.85	2.71	10.81
OF	10.00	2.86	2.71	10.81
OF	11.00	2.86	2.71	10.81
OF	12.00	2.86	2.71	10.82
OF	13.00	2.86	2.71	10.82
OF	14.00	2.86	2.71	10.82
OF	15.00	2.86	2.71	10.82
OF	16.00	2.86	2.71	10.82
OF	17.00	2.86	2.72	10.82
OF	18.00	2.86	2.72	10.82
OF	19.00	2.86	2.72	10.82
OF	20.00	2.86	2.72	10.82
OF	21.00	2.86	2.72	10.82
OF	22.00	2.86	2.72	10.82

OF 23	.00	2.86	2.72	10.82
	.00	2.86 2.86	2.72 2.72	10.82 10.82
OF 26	.00 .00	2.86	2.72	10.82 10.82
OF 28	.00	2.86	2.72	10.82
	.00 .00	2.86 2.87	2.72	10.82 10.82
	.00	2.87 2.87	2.72 2.72	10.82 10.82
OF 33	.00	2.87	2.72	10.82
	.00	2.87 2.87	2.72 2.72	10.82 10.82
	.00 .00	2.87 2.87	2.72 2.72	10.82 10.83
OF 38	.00	2.87	2.72	10.83
	0.00	2.87 2.87	2.72 2.72	10.83
	00	2.87 2.87	2.72 2.72	10.83
OF 43	.00	2.87	2.72	10.83
OF 45	.00	2.87 2.87	2.72 2.72	10.83
	.00 .00	2.87 2.87	2.72 2.72	10.83
OF 48	.00	2.87	2.72	10.83 10.83
OF 50	.00	2.88	2.72	10.83
	00	2.88 2.88	2.72 2.72	10.83
	.00	2.88 2.88	2.72 2.72	10.83
OF 55	.00	2.88	2.72	10.83
OF 57	.00 .00	2.88	2.72 2.72	10.83
	.00	2.88 2.88	2.72 2.72	10.83
OF 60	.00	2.88	2.72	10.83 10.83
OF 62	1.00	2.88	2.72	10.83
	.00	2.88 2.88	2.72 2.72	10.83 10.84
	.00	2.88 2.88	2.72 2.72	10.84 10.84
OF 67	.00 .00	2.88	2.72	10.84
OF 69	.00	2.89	2.72	10.84
	.00	2.89 2.89	2.72 2.72	10.84 10.84
	1.00 3.00	2.89 2.89	2.72 2.72	10.84 10.84
OF 74	.00	2.89	2.72	10.84
OF 76	.00	2.89	2.72	10.84
	.00 .00	2.88 2.88	2.72 2.72	10.84 10.84
	.00	2.88 2.88	2.72	10.84
OF 81	.00	2.88	2.72 2.72	10.83 10.83
OF 83	.00	2.88	2.72	10.83
	.00	2.88 2.87	2.72 2.72	10.83 10.83
	.00 .00	2.87 2.87	2.72 2.72	10.83
OF 88	0.00	2.87	2.72	10.82
OF 90	.00	2.86	2.72	10.82
	.00	2.86 2.85	2.72 2.72	10.82 10.81
	.00	2.85 2.84	2.72 2.72	10.81
OF 95	.00	2.84 2.83	2.72 2.72	10.80 10.80
OF 97	.00	2.83	2.72	10.80
OF 99	.00 .00	2.82 2.81	2.72 2.73	10.79 10.79
	.00	2.81 2.80	2.73 2.73	10.78 10.78
OF 102	.00 .00	2.79	2.73 2.73	10.77 10.76
OF 104	.00	2.77	2.73	10.76
	.00 .00	2.76 2.75	2.73 2.73	10.75 10.74
	'.00 3.00	2.74 2.73	2.73 2.73	10.74 10.73
OF 109	.00	2.72 2.71	2.73	10.72 10.71
OF 111	.00	2.70	2.73	10.71
IF 115	.00	2.69 2.66	2.73 2.73	10.70 10.68
	20	2.65 0.42	2.73 2.73	10.67 9.17
IF 132	1.00	0.01 AS ABOVE 100-1	2.73	8.88
NO AREAS A	BOVE 100-YEA	AR SURGE IN TH	HIS TRANSECT	
STATION		ION OF SURGE (EAR SURGE	100-YE	AR SURGE
31.00 131.20		1.00	8.8	
STATION OF		ERED A ZONES A		
3 201. 01	322221 221			

0.00	10.81			
		A19	EL=11	95
30.00	10.82	- 10	11	0.5
31.00	10.82	A19	EL=11	95
31.00	10.02	A19	EL=11	95
122.00	10.67			
		A19	EL=11	95
123.05	10.50	A19	EL=10	٥٢
129.17	9.50	AI9	FT=10	95
127.17	3.30	A19	EL= 9	95
131.20	9.17			
		A19	EL= 9	95
132.00	8.88			

132.00 8.88

ZONE TERMINATED AT END OF TRANSECT
PART 7 POSTSCRIPT NOTES
PS# 1 START(428217.1638,4848791.376)
PS# 2 END(428137.5438,4848785.2138)

-1.000000e+00