

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

Executed on: Thu Feb 20 14:57:37 2020

Input file: C:\FEMA-TransectAnalysis\LOMR-TransectAnalysis-Harpswell\3\_whafis\whafis4\CM-140.dat

Output file: C:\FEMA-TransectAnalysis\LOMR-TransectAnalysis-Harpswell\3\_whafis\whafis4\CM-140.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	-27.891	1.000	1.000	8.752	36.518	14.542	56.140	0.019	0.000
OF	2.000	-27.853	0.000	8.753	0.000	0.000	0.000	0.000	0.019	0.000
OF	4.000	-27.815	0.000	8.753	0.000	0.000	0.000	0.000	0.019	0.000
OF	6.000	-27.777	0.000	8.753	0.000	0.000	0.000	0.000	0.019	0.000
OF	8.000	-27.740	0.000	8.754	0.000	0.000	0.000	0.000	0.019	0.000
OF	10.000	-27.702	0.000	8.754	0.000	0.000	0.000	0.000	0.019	0.000
OF	12.000	-27.664	0.000	8.754	0.000	0.000	0.000	0.000	0.019	0.000
OF	14.000	-27.626	0.000	8.755	0.000	0.000	0.000	0.000	0.019	0.000
OF	16.000	-27.589	0.000	8.755	0.000	0.000	0.000	0.000	0.019	0.000
OF	18.000	-27.551	0.000	8.755	0.000	0.000	0.000	0.000	0.019	0.000
OF	20.000	-27.513	0.000	8.756	0.000	0.000	0.000	0.000	0.015	0.000
OF	22.000	-27.489	0.000	8.757	0.000	0.000	0.000	0.000	-0.007	0.000
OF	24.000	-27.543	0.000	8.757	0.000	0.000	0.000	0.000	-0.027	0.000
OF	26.000	-27.597	0.000	8.758	0.000	0.000	0.000	0.000	-0.027	0.000
OF	28.000	-27.651	0.000	8.759	0.000	0.000	0.000	0.000	-0.027	0.000
OF	30.000	-27.706	0.000	8.759	0.000	0.000	0.000	0.000	-0.027	0.000
OF	32.000	-27.760	0.000	8.759	0.000	0.000	0.000	0.000	-0.027	0.000
OF	34.000	-27.814	0.000	8.760	0.000	0.000	0.000	0.000	-0.027	0.000
OF	36.000	-27.868	0.000	8.760	0.000	0.000	0.000	0.000	-0.027	0.000
OF	38.000	-27.922	0.000	8.761	0.000	0.000	0.000	0.000	-0.027	0.000
OF	40.000	-27.976	0.000	8.761	0.000	0.000	0.000	0.000	-0.027	0.000
OF	42.000	-28.030	0.000	8.762	0.000	0.000	0.000	0.000	-0.027	0.000
OF	44.000	-28.084	0.000	8.762	0.000	0.000	0.000	0.000	-0.027	0.000
OF	46.000	-28.138	0.000	8.762	0.000	0.000	0.000	0.000	-0.027	0.000
OF	48.000	-28.192	0.000	8.763	0.000	0.000	0.000	0.000	-0.027	0.000
OF	50.000	-28.246	0.000	8.763	0.000	0.000	0.000	0.000	-0.027	0.000
OF	52.000	-28.300	0.000	8.764	0.000	0.000	0.000	0.000	-0.027	0.000
OF	54.000	-28.354	0.000	8.764	0.000	0.000	0.000	0.000	-0.027	0.000
OF	56.000	-28.408	0.000	8.764	0.000	0.000	0.000	0.000	-0.027	0.000
OF	58.000	-28.462	0.000	8.765	0.000	0.000	0.000	0.000	-0.027	0.000
OF	60.000	-28.516	0.000	8.766	0.000	0.000	0.000	0.000	-0.027	0.000
OF	62.000	-28.571	0.000	8.766	0.000	0.000	0.000	0.000	-0.027	0.000
OF	64.000	-28.625	0.000	8.767	0.000	0.000	0.000	0.000	-0.027	0.000
OF	66.000	-28.679	0.000	8.767	0.000	0.000	0.000	0.000	-0.027	0.000
OF	68.000	-28.733	0.000	8.768	0.000	0.000	0.000	0.000	-0.027	0.000
OF	70.000	-28.787	0.000	8.768	0.000	0.000	0.000	0.000	-0.027	0.000
OF	72.000	-28.841	0.000	8.769	0.000	0.000	0.000	0.000	-0.027	0.000
OF	74.000	-28.895	0.000	8.769	0.000	0.000	0.000	0.000	-0.027	0.000
OF	76.000	-28.949	0.000	8.770	0.000	0.000	0.000	0.000	-0.027	0.000
OF	78.000	-29.003	0.000	8.770	0.000	0.000	0.000	0.000	-0.027	0.000
OF	80.000	-29.057	0.000	8.771	0.000	0.000	0.000	0.000	-0.027	0.000
OF	82.000	-29.111	0.000	8.771	0.000	0.000	0.000	0.000	-0.027	0.000
OF	84.000	-29.165	0.000	8.772	0.000	0.000	0.000	0.000	-0.027	0.000
OF	86.000	-29.219	0.000	8.772	0.000	0.000	0.000	0.000	-0.027	0.000
OF	88.000	-29.273	0.000	8.773	0.000	0.000	0.000	0.000	-0.008	0.000
OF	90.000	-29.251	0.000	8.773	0.000	0.000	0.000	0.000	0.062	0.000
OF	91.900	-29.033	0.000	8.754	0.000	0.000	0.000	0.000	0.118	0.000
OF	95.100	-28.649	0.000	8.754	0.000	0.000	0.000	0.000	0.118	0.000
OF	98.400	-28.265	0.000	8.754	0.000	0.000	0.000	0.000	0.116	0.000
OF	101.700	-27.882	0.000	8.754	0.000	0.000	0.000	0.000	0.116	0.000
OF	105.000	-27.498	0.000	8.755	0.000	0.000	0.000	0.000	0.116	0.000
OF	108.300	-27.114	0.000	8.755	0.000	0.000	0.000	0.000	0.118	0.000
OF	111.500	-26.730	0.000	8.756	0.000	0.000	0.000	0.000	0.118	0.000
OF	114.800	-26.347	0.000	8.757	0.000	0.000	0.000	0.000	0.116	0.000
OF	118.100	-25.963	0.000	8.758	0.000	0.000	0.000	0.000	0.116	0.000
OF	121.400	-25.579	0.000	8.759	0.000	0.000	0.000	0.000	0.116	0.000
OF	124.700	-25.195	0.000	8.760	0.000	0.000	0.000	0.000	0.116	0.000
OF	128.000	-24.812	0.000	8.762	0.000	0.000	0.000	0.000	0.118	0.000
OF	131.200	-24.428	0.000	8.763	0.000	0.000	0.000	0.000	0.118	0.000
OF	134.500	-24.044	0.000	8.765	0.000	0.000	0.000	0.000	0.120	0.000
OF	137.800	-23.638	0.000	8.767	0.000	0.000	0.000	0.000	0.125	0.000
OF	141.100	-23.218	0.000	8.768	0.000	0.000	0.000	0.000	0.127	0.000
OF	144.400	-22.798	0.000	8.771	0.000	0.000	0.000	0.000	0.129	0.000
OF	147.600	-22.378	0.000	8.773	0.000	0.000	0.000	0.000	0.129	0.000
OF	150.900	-21.957	0.000	8.776	0.000	0.000	0.000	0.000	0.127	0.000
OF	154.200	-21.537	0.000	8.778	0.000	0.000	0.000	0.000	0.127	0.000
OF	157.500	-21.117	0.000	8.782	0.000	0.000	0.000	0.000	0.127	0.000
OF	160.800	-20.697	0.000	8.786	0.000	0.000	0.000	0.000	0.129	0.000
OF	164.000	-20.277	0.000	8.790	0.000	0.000	0.000	0.000	0.129	0.000
OF	167.300	-19.856	0.000	8.794	0.000	0.000	0.000	0.000	0.127	0.000
OF	170.600	-19.436	0.000	8.799	0.000	0.000	0.000	0.000	0.127	0.000
OF	173.900	-19.016	0.000	8.804	0.000	0.000	0.000	0.000	0.127	0.000
OF	177.200	-18.596	0.000	8.811	0.000	0.000	0.000	0.000	0.129	0.000
OF	180.400	-18.175	0.000	8.818	0.000	0.000	0.000	0.000	0.129	0.000
OF	183.700	-17.755	0.000	8.824	0.000	0.000	0.000	0.000	0.131	0.000
OF	187.000	-17.313	0.000	8.831	0.000	0.000	0.000	0.000	0.162	0.000
OF	190.300	-16.689	0.000	8.835	0.000	0.000	0.000	0.000	0.198	0.000
OF	193.600	-16.007	0.000	8.839	0.000	0.000	0.000	0.000	0.210	0.000
OF	196.800	-15.325	0.000	8.843	0.000	0.000	0.000	0.000	0.204	0.000
OF	200.100	-14.681	0.000	8.848	0.000	0.000	0.000	0.000	0.190	0.000
OF	203.400	-14.072	0.000	8.856	0.000	0.000	0.000	0.000	0.185	0.000
OF	206.700	-13.462	0.000	8.860	0.000	0.000	0.000	0.000	0.983	0.000
OF	213.300	-4.340	0.000	8.940	0.000	0.000	0.000	0.000	0.936	0.000
OF	216.500	-4.287	0.000	9.071	0.000	0.000	0.000	0.000	0.022	0.000
OF	219.800	-4.198	0.000	9.171	0.000	0.000	0.000	0.000	0.022	0.000
OF	223.100	-4.143	0.000	9.269	0.000	0.000	0.000	0.000	0.015	0.000
OF	226.400	-4.100	0.000	9.369	0.000	0.000	0.000	0.000	0.013	0.000
OF	229.700	-4.057	0.000	9.458	0.000	0.000	0.000	0.000	0.020	0.000
OF	232.900	-3.971	0.000	9.542	0.000	0.000	0.000	0.000	0.050	0.000
OF	236.200	-3.733	0.000	9.612	0.000	0.000	0.000	0.000	0.083	0.000
OF	239.500	-3.425	0.000	9.674	0.000	0.000	0.000	0.000	0.093	0.000
OF	242.800	-3.117	0.000	9.734	0.000	0.000	0.000	0.000	0.119	0.000
OF	246.100	-2.641	0.000	9.785	0.000	0.000	0.000	0.000	0.100	0.000

[illegible]

	END STATION	END ELEVATION	FETCH LENGTH	SURGE 10-YEAR	ELEV 1.000	SURGE 100-YEAR	ELEV 8.752	INITIAL WAVE HEIGHT	INITIAL W. PERIOD		BOTTOM SLOPE	AVERAGE A-ZONES
IE	0.000	-27.891	1.000	1.000				36.518	14.542	56.140	0.019	0.000
	END	END	NEW SURGE	NEW SURGE							BOTTOM SLOPE	AVERAGE A-ZONES
OF	2.000	-27.853	0.000	8.753		0.000	0.000	0.000	0.000	0.000	0.019	0.000
	END	END	NEW SURGE	NEW SURGE							BOTTOM SLOPE	AVERAGE A-ZONES
OF	4.000	-27.815	0.000	8.753		0.000	0.000	0.000	0.000	0.000	0.019	0.000
	END	END	NEW SURGE	NEW SURGE							BOTTOM SLOPE	AVERAGE A-ZONES
OF	6.000	-27.777	0.000	8.753		0.000	0.000	0.000	0.000	0.000	0.019	0.000
	END	END	NEW SURGE	NEW SURGE							BOTTOM SLOPE	AVERAGE A-ZONES
OF	8.000	-27.740	0.000	8.754		0.000	0.000	0.000	0.000	0.000	0.019	0.000
	END	END	NEW SURGE	NEW SURGE							BOTTOM SLOPE	AVERAGE A-ZONES
OF	10.000	-27.702	0.000	8.754		0.000	0.000	0.000	0.000	0.000	0.019	0.000
	END	END	NEW SURGE	NEW SURGE							BOTTOM SLOPE	AVERAGE A-ZONES
OF	12.000	-27.664	0.000	8.754		0.000	0.000	0.000	0.000	0.000	0.019	0.000
	END	END	NEW SURGE	NEW SURGE							BOTTOM SLOPE	AVERAGE A-ZONES
OF	14.000	-27.626	0.000	8.755		0.000	0.000	0.000	0.000	0.000	0.019	0.000
	END	END	NEW SURGE	NEW SURGE							BOTTOM SLOPE	AVERAGE A-ZONES
OF	16.000	-27.589	0.000	8.755		0.000	0.000	0.000	0.000	0.000	0.019	0.000
	END	END	NEW SURGE	NEW SURGE							BOTTOM SLOPE	AVERAGE A-ZONES
OF	18.000	-27.551	0.000	8.755		0.000	0.000	0.000	0.000	0.000	0.019	0.000
	END	END	NEW SURGE	NEW SURGE							BOTTOM SLOPE	AVERAGE A-ZONES
OF	20.000	-27.513	0.000	8.756		0.000	0.000	0.000	0.000	0.000	0.015	0.000
	END	END	NEW SURGE	NEW SURGE							BOTTOM SLOPE	AVERAGE A-ZONES
OF	22.000	-27.489	0.000	8.757		0.000	0.000	0.000	0.000	0.000	-0.007	0.000
	END	END	NEW SURGE	NEW SURGE							BOTTOM SLOPE	AVERAGE A-ZONES
OF	24.000	-27.543	0.000	8.757		0.000	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE							BOTTOM SLOPE	AVERAGE A-ZONES
OF	26.000	-27.597	0.000	8.758		0.000	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE							BOTTOM SLOPE	AVERAGE A-ZONES
OF	28.000	-27.651	0.000	8.759		0.000	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE							BOTTOM SLOPE	AVERAGE A-ZONES
OF	30.000	-27.706	0.000	8.759		0.000	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE							BOTTOM SLOPE	AVERAGE A-ZONES
OF	32.000	-27.760	0.000	8.759		0.000	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE							BOTTOM SLOPE	AVERAGE A-ZONES
OF	34.000	-27.814	0.000	8.760		0.000	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE							BOTTOM SLOPE	AVERAGE A-ZONES
OF	36.000	-27.868	0.000	8.760		0.000	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE							BOTTOM SLOPE	AVERAGE A-ZONES
OF	38.000	-27.922	0.000	8.761		0.000	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE							BOTTOM SLOPE	AVERAGE A-ZONES
OF	40.000	-27.976	0.000	8.761		0.000	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE							BOTTOM SLOPE	AVERAGE A-ZONES
OF	42.000	-28.030	0.000	8.762		0.000	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE							BOTTOM SLOPE	AVERAGE A-ZONES
OF	44.000	-28.084	0.000	8.762		0.000	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE							BOTTOM SLOPE	AVERAGE A-ZONES
OF	46.000	-28.138	0.000	8.762		0.000	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE							BOTTOM	AVERAGE

	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	48.000	-28.192	0.000	8.763	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	50.000	-28.246	0.000	8.763	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	52.000	-28.300	0.000	8.764	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	54.000	-28.354	0.000	8.764	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	56.000	-28.408	0.000	8.764	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	58.000	-28.462	0.000	8.765	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	60.000	-28.516	0.000	8.766	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	62.000	-28.571	0.000	8.766	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	64.000	-28.625	0.000	8.767	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	66.000	-28.679	0.000	8.767	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	68.000	-28.733	0.000	8.768	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	70.000	-28.787	0.000	8.768	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	72.000	-28.841	0.000	8.769	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	74.000	-28.895	0.000	8.769	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	76.000	-28.949	0.000	8.770	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	78.000	-29.003	0.000	8.770	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	80.000	-29.057	0.000	8.771	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	82.000	-29.111	0.000	8.771	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	84.000	-29.165	0.000	8.772	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	86.000	-29.219	0.000	8.772	0.000	0.000	0.000	0.000	-0.027	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	88.000	-29.273	0.000	8.773	0.000	0.000	0.000	0.000	-0.008	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	90.000	-29.251	0.000	8.773	0.000	0.000	0.000	0.000	0.062	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	91.900	-29.033	0.000	8.754	0.000	0.000	0.000	0.000	0.118	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	95.100	-28.649	0.000	8.754	0.000	0.000	0.000	0.000	0.118	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	98.400	-28.265	0.000	8.754	0.000	0.000	0.000	0.000	0.116	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	101.700	-27.882	0.000	8.754	0.000	0.000	0.000	0.000	0.116	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	105.000	-27.498	0.000	8.755	0.000	0.000	0.000	0.000	0.116	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	108.300	-27.114	0.000	8.755	0.000	0.000	0.000	0.000	0.118	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	111.500	-26.730	0.000	8.756	0.000	0.000	0.000	0.000	0.118	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	114.800	-26.347	0.000	8.757	0.000	0.000	0.000	0.000	0.116	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	118.100	-25.963	0.000	8.758	0.000	0.000	0.000	0.000	0.116	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	121.400	-25.579	0.000	8.759	0.000	0.000	0.000	0.000	0.116	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	124.700	-25.195	0.000	8.760	0.000	0.000	0.000	0.000	0.116	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	128.000	-24.812	0.000	8.762	0.000	0.000	0.000	0.000	0.118	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE

	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	131.200	-24.428	0.000	8.763	0.000	0.000	0.000	0.000	0.118	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
OF	134.500	-24.044	0.000	8.765	0.000	0.000	0.000	0.000	0.120	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	137.800	-23.638	0.000	8.767	0.000	0.000	0.000	0.000	0.125	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	141.100	-23.218	0.000	8.768	0.000	0.000	0.000	0.000	0.127	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	144.400	-22.798	0.000	8.771	0.000	0.000	0.000	0.000	0.129	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	147.600	-22.378	0.000	8.773	0.000	0.000	0.000	0.000	0.129	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	150.900	-21.957	0.000	8.776	0.000	0.000	0.000	0.000	0.127	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	154.200	-21.537	0.000	8.778	0.000	0.000	0.000	0.000	0.127	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	157.500	-21.117	0.000	8.782	0.000	0.000	0.000	0.000	0.127	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	160.800	-20.697	0.000	8.786	0.000	0.000	0.000	0.000	0.129	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	164.000	-20.277	0.000	8.790	0.000	0.000	0.000	0.000	0.129	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	167.300	-19.856	0.000	8.794	0.000	0.000	0.000	0.000	0.127	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	170.600	-19.436	0.000	8.799	0.000	0.000	0.000	0.000	0.127	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	173.900	-19.016	0.000	8.804	0.000	0.000	0.000	0.000	0.127	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	177.200	-18.596	0.000	8.811	0.000	0.000	0.000	0.000	0.129	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	180.400	-18.175	0.000	8.818	0.000	0.000	0.000	0.000	0.129	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	183.700	-17.755	0.000	8.824	0.000	0.000	0.000	0.000	0.131	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	187.000	-17.313	0.000	8.831	0.000	0.000	0.000	0.000	0.162	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	190.300	-16.689	0.000	8.835	0.000	0.000	0.000	0.000	0.198	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	193.600	-16.007	0.000	8.839	0.000	0.000	0.000	0.000	0.210	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	196.800	-15.325	0.000	8.843	0.000	0.000	0.000	0.000	0.204	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	200.100	-14.681	0.000	8.848	0.000	0.000	0.000	0.000	0.190	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	203.400	-14.072	0.000	8.856	0.000	0.000	0.000	0.000	0.185	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	206.700	-13.462	0.000	8.860	0.000	0.000	0.000	0.000	0.983	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	213.300	-4.340	0.000	8.940	0.000	0.000	0.000	0.000	0.936	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	216.500	-4.287	0.000	9.071	0.000	0.000	0.000	0.000	0.022	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	219.800	-4.198	0.000	9.171	0.000	0.000	0.000	0.000	0.022	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	223.100	-4.143	0.000	9.269	0.000	0.000	0.000	0.000	0.015	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	226.400	-4.100	0.000	9.369	0.000	0.000	0.000	0.000	0.013	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	229.700	-4.057	0.000	9.458	0.000	0.000	0.000	0.000	0.020	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	232.900	-3.971	0.000	9.542	0.000	0.000	0.000	0.000	0.050	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	236.200	-3.733	0.000	9.612	0.000	0.000	0.000	0.000	0.083	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	239.500	-3.425	0.000	9.674	0.000	0.000	0.000	0.000	0.093	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	242.800	-3.117	0.000	9.734	0.000	0.000	0.000	0.000	0.119	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE

OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	246.100	-2.641	0.000	9.785	0.000	0.000	0.000	0.000	0.100	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	249.300	-2.464	0.000	9.847	0.000	0.000	0.000	0.000	0.029	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	252.600	-2.450	0.000	9.911	0.000	0.000	0.000	0.000	0.022	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	255.900	-2.318	0.000	9.968	0.000	0.000	0.000	0.000	0.047	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	259.200	-2.139	0.000	10.012	0.000	0.000	0.000	0.000	0.054	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	262.500	-1.960	0.000	10.024	0.000	0.000	0.000	0.000	0.055	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	265.700	-1.781	0.000	10.066	0.000	0.000	0.000	0.000	0.055	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	269.000	-1.602	0.000	10.116	0.000	0.000	0.000	0.000	0.054	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	272.300	-1.423	0.000	10.163	0.000	0.000	0.000	0.000	0.052	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	275.600	-1.258	0.000	10.148	0.000	0.000	0.000	0.000	-0.016	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	278.900	-1.530	0.000	10.196	0.000	0.000	0.000	0.000	-0.010	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	282.200	-1.327	0.000	10.233	0.000	0.000	0.000	0.000	0.170	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
OF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	285.400	-0.426	0.000	10.250	0.000	0.000	0.000	0.000	0.442	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	288.700	1.548	0.000	10.222	0.000	0.000	0.000	0.000	0.519	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	292.000	2.999	0.000	10.250	0.000	0.000	0.000	0.000	0.371	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	295.300	3.995	0.000	10.483	0.000	0.000	0.000	0.000	0.269	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	298.600	4.773	0.000	10.678	0.000	0.000	0.000	0.000	0.186	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	301.800	5.203	0.000	10.794	0.000	0.000	0.000	0.000	-0.073	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	305.100	4.300	0.000	10.948	0.000	0.000	0.000	0.000	-0.229	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	308.400	3.689	0.000	11.008	0.000	0.000	0.000	0.000	-0.115	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	311.700	3.542	0.000	11.046	0.000	0.000	0.000	0.000	0.104	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	315.000	4.377	0.000	11.051	0.000	0.000	0.000	0.000	0.318	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	318.200	5.610	0.000	11.034	0.000	0.000	0.000	0.000	0.456	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	321.500	7.342	0.000	11.280	0.000	0.000	0.000	0.000	0.562	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	324.000	8.867	0.000	11.280	0.000	0.000	0.000	0.000	0.613	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	326.000	10.101	0.000	11.280	0.000	0.000	0.000	0.000	0.498	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	328.000	10.860	0.000	11.280	0.000	0.000	0.000	0.000	0.357	0.000
	END	END	NEW SURGE	NEW SURGE					BOTTOM	AVERAGE
IF	STATION	ELEVATION	10-YEAR	100-YEAR					SLOPE	A-ZONES
	329.300	11.280	0.000	11.280	0.000	0.000	0.000	0.000	0.324	0.000

-----END OF TRANSECT-----

NOTE:

SURGE ELEVATION INCLUDES CONTRIBUTIONS FROM ASTRONOMICAL AND STORM TIDES.

1

PART2: CONTROLLING WAVE HEIGHTS, SPECTRAL

LOCATION		PEAK WAVE PERIOD, AND WAVE CREST ELEVATIONS		
		CONTROLLING	SPECTRAL PEAK	WAVE CREST
		WAVE HEIGHT	WAVE PERIOD	ELEVATION
IE	0.00	27.13	14.54	27.74
OF	2.00	27.10	14.54	27.72
OF	4.00	27.07	14.54	27.70
OF	6.00	27.05	14.54	27.68
OF	8.00	27.02	14.54	27.67
OF	10.00	26.99	14.54	27.65
OF	12.00	26.97	14.54	27.63
OF	14.00	26.94	14.54	27.61
OF	16.00	26.92	14.54	27.60
OF	18.00	26.89	14.54	27.58
OF	20.00	26.86	14.54	27.56

OF	22.00	26.85	14.54	27.55
OF	24.00	26.84	14.54	27.54
OF	26.00	26.83	14.54	27.54
OF	28.00	26.82	14.54	27.53
OF	30.00	26.81	14.54	27.53
OF	32.00	26.80	14.54	27.52
OF	34.00	26.79	14.54	27.52
OF	36.00	26.79	14.54	27.51
OF	38.00	26.78	14.54	27.51
OF	40.00	26.77	14.54	27.50
OF	42.00	26.76	14.54	27.49
OF	44.00	26.75	14.54	27.49
OF	46.00	26.74	14.54	27.48
OF	48.00	26.73	14.54	27.48
OF	50.00	26.73	14.54	27.47
OF	52.00	26.72	14.54	27.47
OF	54.00	26.71	14.54	27.46
OF	56.00	26.71	14.54	27.46
OF	58.00	26.72	14.54	27.47
OF	60.00	26.74	14.54	27.48
OF	62.00	26.75	14.54	27.49
OF	64.00	26.77	14.54	27.51
OF	66.00	26.79	14.54	27.52
OF	68.00	26.80	14.54	27.53
OF	70.00	26.82	14.54	27.54
OF	72.00	26.84	14.54	27.56
OF	74.00	26.85	14.54	27.57
OF	76.00	26.87	14.54	27.58
OF	78.00	26.89	14.54	27.59
OF	80.00	26.90	14.54	27.60
OF	82.00	26.92	14.54	27.62
OF	84.00	26.94	14.54	27.63
OF	86.00	26.95	14.54	27.64
OF	88.00	26.97	14.54	27.65
OF	90.00	26.97	14.54	27.65
OF	91.90	26.93	14.54	27.61
OF	95.10	26.86	14.54	27.56
OF	98.40	26.92	14.54	27.60
OF	101.70	26.98	14.54	27.64
OF	105.00	26.85	14.54	27.55
OF	108.30	26.58	14.54	27.36
OF	111.50	26.31	14.54	27.17
OF	114.80	26.04	14.54	26.99
OF	118.10	25.77	14.54	26.80
OF	121.40	25.50	14.54	26.61
OF	124.70	25.23	14.54	26.42
OF	128.00	24.96	14.54	26.24
OF	131.20	24.69	14.54	26.05
OF	134.50	24.42	14.54	25.86
OF	137.80	24.13	14.54	25.66
OF	141.10	23.83	14.54	25.45
OF	144.40	23.54	14.54	25.25
OF	147.60	23.24	14.54	25.04
OF	150.90	22.94	14.54	24.83
OF	154.20	22.64	14.54	24.63
OF	157.50	22.35	14.54	24.42
OF	160.80	22.05	14.54	24.22
OF	164.00	21.75	14.54	24.01
OF	167.30	21.45	14.54	23.81
OF	170.60	21.15	14.54	23.60
OF	173.90	20.85	14.54	23.40
OF	177.20	20.56	14.54	23.20
OF	180.40	20.26	14.54	23.00
OF	183.70	19.96	14.54	22.79
OF	187.00	19.64	14.54	22.58
OF	190.30	19.19	14.54	22.27
OF	193.60	18.70	14.54	21.93
OF	196.80	18.21	14.54	21.59
OF	200.10	17.74	14.54	21.27
OF	203.40	17.31	14.54	20.97
OF	206.70	16.86	14.54	20.66
OF	213.30	10.16	14.54	16.05
OF	216.50	10.18	14.54	16.20
OF	219.80	10.18	14.54	16.30
OF	223.10	10.19	14.54	16.40
OF	226.40	10.21	14.54	16.51
OF	229.70	10.22	14.54	16.61
OF	232.90	10.22	14.54	16.70
OF	236.20	10.19	14.54	16.74
OF	239.50	10.03	14.54	16.69
OF	242.80	9.84	14.54	16.62
OF	246.10	9.52	14.54	16.45
OF	249.30	9.43	14.54	16.45
OF	252.60	9.45	14.54	16.52
OF	255.90	9.41	14.54	16.56
OF	259.20	9.31	14.54	16.53
OF	262.50	9.19	14.54	16.46
OF	265.70	9.08	14.54	16.42
OF	269.00	8.99	14.54	16.41
OF	272.30	8.89	14.54	16.38
OF	275.60	8.75	14.54	16.27
OF	278.90	8.81	14.54	16.37
OF	282.20	8.78	14.54	16.38
OF	285.40	8.20	14.54	15.99
IF	288.70	6.68	14.54	14.90
IF	292.00	5.60	14.54	14.17
IF	295.30	5.01	14.54	13.99
IF	298.60	4.57	14.54	13.87
IF	301.80	4.33	14.54	13.82
IF	305.10	4.55	14.54	14.13
IF	308.40	4.67	14.54	14.27
IF	311.70	4.70	14.54	14.33

IF	315.00	4.56	14.54	14.24
IF	318.20	4.20	14.54	13.97
IF	321.50	3.05	14.54	13.42
IF	324.00	1.88	14.54	12.59
IF	326.00	0.92	14.54	11.92
IF	328.00	0.33	14.54	11.51
IF	329.30	0.01	14.54	11.29

PART3 LOCATION OF AREAS ABOVE 100-YEAR SURGE  
 NO AREAS ABOVE 100-YEAR SURGE IN THIS TRANSECT

STATION	10-YEAR SURGE	100-YEAR SURGE
2.00	1.00	8.75
8.00	1.00	8.75
14.00	1.00	8.76
20.00	1.00	8.76
22.00	1.00	8.76
26.00	1.00	8.76
28.00	1.00	8.76
34.00	1.00	8.76
38.00	1.00	8.76
42.00	1.00	8.76
48.00	1.00	8.76
52.00	1.00	8.76
58.00	1.00	8.77
60.00	1.00	8.77
64.00	1.00	8.77
68.00	1.00	8.77
72.00	1.00	8.77
76.00	1.00	8.77
80.00	1.00	8.77
84.00	1.00	8.77
88.00	1.00	8.77
91.90	1.00	8.75
105.00	1.00	8.76
111.50	1.00	8.76
114.80	1.00	8.76
118.10	1.00	8.76
121.40	1.00	8.76
124.70	1.00	8.76
128.00	1.00	8.76
131.20	1.00	8.76
134.50	1.00	8.77
137.80	1.00	8.77
141.10	1.00	8.77
144.40	1.00	8.77
147.60	1.00	8.77
150.90	1.00	8.78
154.20	1.00	8.78
157.50	1.00	8.78
160.80	1.00	8.79
164.00	1.00	8.79
167.30	1.00	8.79
170.60	1.00	8.80
173.90	1.00	8.80
177.20	1.00	8.81
180.40	1.00	8.82
183.70	1.00	8.82
187.00	1.00	8.83
190.30	1.00	8.84
193.60	1.00	8.84
196.80	1.00	8.84
200.10	1.00	8.85
203.40	1.00	8.86
206.70	1.00	8.86
213.30	1.00	8.94
216.50	1.00	9.07
219.80	1.00	9.17
223.10	1.00	9.27
226.40	1.00	9.37
229.70	1.00	9.46
232.90	1.00	9.54
236.20	1.00	9.61
239.50	1.00	9.67
242.80	1.00	9.73
246.10	1.00	9.78
249.30	1.00	9.85
252.60	1.00	9.91
255.90	1.00	9.97
259.20	1.00	10.01
262.50	1.00	10.02
265.70	1.00	10.07
269.00	1.00	10.12
272.30	1.00	10.16
275.60	1.00	10.15
278.90	1.00	10.20
282.20	1.00	10.23
285.40	1.00	10.25
288.70	1.00	10.22
292.00	1.00	10.25
295.30	1.00	10.48
298.60	1.00	10.68
301.80	1.00	10.79
305.10	1.00	10.95
308.40	1.00	11.01
311.70	1.00	11.05
315.00	1.00	11.05
318.20	1.00	11.03
321.50	1.00	11.28

PART5 LOCATION OF V ZONES  
 STATION OF GUTTER LOCATION OF ZONE  
 321.61 WINDWARD  
 PART6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER	ELEVATION	ZONE DESIGNATION	FHF
0.00	27.74		
2.00	27.72	V22 EL=28	120
6.00	27.68	V22 EL=28	120
8.00	27.67	V22 EL=28	120
12.00	27.63	V22 EL=28	120
14.00	27.61	V22 EL=28	120
18.00	27.58	V22 EL=28	120
20.00	27.56	V22 EL=28	120
22.00	27.55	V22 EL=28	120
24.00	27.54	V22 EL=28	120
26.00	27.54	V22 EL=28	120
28.00	27.53	V22 EL=28	120
32.00	27.52	V22 EL=28	120
34.00	27.52	V22 EL=28	120
36.00	27.51	V22 EL=28	120
38.00	27.51	V22 EL=28	120
39.70	27.50	V22 EL=27	120
40.00	27.50	V22 EL=27	120
42.00	27.49	V22 EL=27	120
46.00	27.48	V22 EL=27	120
48.00	27.48	V22 EL=27	120
50.00	27.47	V22 EL=27	120
52.00	27.47	V22 EL=27	120
56.00	27.46	V22 EL=27	120
58.00	27.47	V22 EL=27	120
60.00	27.48	V22 EL=27	120
62.00	27.49	V22 EL=27	120
63.04	27.50	V22 EL=28	120
64.00	27.51	V22 EL=28	120
66.00	27.52	V22 EL=28	120
68.00	27.53	V22 EL=28	120
70.00	27.54	V22 EL=28	120
72.00	27.56	V22 EL=28	120
74.00	27.57	V22 EL=28	120
76.00	27.58	V22 EL=28	120
78.00	27.59	V22 EL=28	120
80.00	27.60	V22 EL=28	120
82.00	27.62	V22 EL=28	120
84.00	27.63	V22 EL=28	120
86.00	27.64	V22 EL=28	120
88.00	27.65	V22 EL=28	120
90.00	27.65	V22 EL=28	120
91.90	27.61	V22 EL=28	120
101.70	27.64	V22 EL=28	120
105.00	27.55	V22 EL=28	120
105.89	27.50	V22 EL=27	120
108.30	27.36	V22 EL=27	120
111.50	27.17	V22 EL=27	120
114.80	26.99	V22 EL=27	120
118.10	26.80	V22 EL=27	120
121.40	26.61		



		V22	EL=27	120
123.33	26.50			
124.70	26.42	V22	EL=26	120
		V22	EL=26	120
128.00	26.24			
131.20	26.05	V22	EL=26	120
		V22	EL=26	120
134.50	25.86			
137.80	25.66	V22	EL=26	120
140.34	25.50			
141.10	25.45	V22	EL=25	120
		V22	EL=25	120
144.40	25.25			
147.60	25.04	V22	EL=25	120
		V22	EL=25	120
150.90	24.83			
154.20	24.63	V22	EL=25	120
156.27	24.50			
157.50	24.42	V22	EL=24	120
		V22	EL=24	120
160.80	24.22			
164.00	24.01	V22	EL=24	120
		V22	EL=24	120
167.30	23.81			
170.60	23.60	V22	EL=24	120
172.30	23.50			
173.90	23.40	V22	EL=23	120
		V22	EL=23	120
177.20	23.20			
180.40	23.00	V22	EL=23	120
		V22	EL=23	120
183.70	22.79			
187.00	22.58	V22	EL=23	120
187.86	22.50			
190.30	22.27	V22	EL=22	120
		V22	EL=22	120
193.60	21.93			
196.80	21.59	V22	EL=22	120
		V22	EL=22	120
197.72	21.50			
200.10	21.27	V22	EL=21	120
		V22	EL=21	120
203.40	20.97			
206.70	20.66	V22	EL=21	120
		V22	EL=21	120
206.93	20.50			
208.37	19.50	V22	EL=20	120
		V22	EL=19	120
209.80	18.50			
211.23	17.50	V22	EL=18	120
		V22	EL=17	120
212.66	16.50			
213.30	16.05	V22	EL=16	120
		V22	EL=16	120
216.50	16.20			
219.80	16.30	V23	EL=16	130
		V23	EL=16	130
223.10	16.40			
225.97	16.50	V23	EL=16	130
		V23	EL=17	130
226.40	16.51			
229.70	16.61	V23	EL=17	130
		V23	EL=17	130
232.90	16.70			
236.20	16.74	V23	EL=17	130
		V23	EL=17	130
239.50	16.69			
242.80	16.62	V24	EL=17	140
		V24	EL=17	140
245.13	16.50			
246.10	16.45	V24	EL=16	140
		V24	EL=16	140
249.30	16.45			

251.57	16.50	V24	EL=16	140
252.60	16.52	V24	EL=17	140
255.90	16.56	V24	EL=17	140
259.20	16.53	V24	EL=17	140
260.55	16.50	V24	EL=17	140
262.50	16.46	V24	EL=16	140
265.70	16.42	V24	EL=16	140
269.00	16.41	V24	EL=16	140
272.30	16.38	V24	EL=16	140
275.60	16.27	V24	EL=16	140
278.90	16.37	V24	EL=16	140
282.20	16.38	V24	EL=16	140
285.40	15.99	V24	EL=16	140
286.88	15.50	V24	EL=15	140
288.70	14.90	V24	EL=15	140
290.50	14.50	V24	EL=14	140
292.00	14.17	V25	EL=14	150
295.30	13.99	V25	EL=14	150
298.60	13.87	V25	EL=14	150
301.80	13.82	V25	EL=14	150
305.10	14.13	V26	EL=14	160
308.40	14.27	V26	EL=14	160
311.70	14.33	V26	EL=14	160
315.00	14.24	V26	EL=14	160
318.20	13.97	V26	EL=14	160
321.01	13.50	V26	EL=13	160
321.50	13.42	V26	EL=13	160
321.61	13.38	A21	EL=13	110
324.28	12.50	A21	EL=12	110
328.05	11.50	A21	EL=11	110
329.30	11.29			

ZONE TERMINATED AT END OF TRANSECT  
PART 7 POSTSCRIPT NOTES

PS# 1 START(419588.4364,4841125.4198)  
PS# 2 END(419509.8873,4841212.145)

-1.000000e+00