

WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES
OCEAN ISLE BEACH: REVISED TRANSECT NO. 1

PART 1 INPUT

IE	0.000	0.000	30.000	7.380	12.690	0.000	0.000	0.000	0.000
IF	835.000	3.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	1000.000	1.320	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	1200.000	12.490	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	1228.000	2.160	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	1290.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	1720.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	1900.000	1.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	4178.000	0.760	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	4630.000	3.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DU	4644.000	3.500	1.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	5019.000	4.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DU	5225.000	3.300	1.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	5341.000	0.350	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	5555.000	0.350	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	5905.000	5.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000
VE	6250.000	12.590	1.000	15.000	15.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

PART 2 WAVE HEIGHTS AND ELEVATIONS

STATION WAVE HEIGHT WAVE ELEVATION

0.00	9.90	19.62
335.00	9.90	19.62
1000.00	9.87	19.90
1200.00	0.15	12.80
1228.00	0.16	12.80
1290.00	0.16	12.80

1720.00	0.16	12.80
1900.00	0.16	12.80
4178.00	3.53	15.16
4830.00	3.76	15.32
4844.00	3.51	15.15
5019.00	3.51	15.15
5295.00	3.47	15.12
5343.00	3.47	15.12
5858.00	3.47	15.12
5905.00	3.47	15.12
6250.00	0.00	12.69

PART3 LOCATION OF AREAS ABOVE 100-YEAR SURGE

NO AREAS ABOVE 100-YEAR SURGE IN THIS TRANSECT

PART4 LOCATION OF SURGE CHANGES

STATION	10-YEAR SURGE	100-YEAR SURGE
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NO SURGE CHANGES IN THIS TRANSECT

PART5 LOCATION OF V ZONES

STATION OF GUTTER	LOCATION OF ZONE
1134.72	WINDWARD
3817.93	LEEWARD
5951.57	WINDWARD

PART 6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER	ELEVATION	ZONE DESIGNATION	FHF
		V16 EL=20	80
862.18	19.50		
		V16 EL=19	80
1013.05	18.50		
		V16 EL=18	80
1045.85	17.50		
		V16 EL=17	80
1078.64	16.90		
		V16 EL=16	80
1111.43	15.50		
		V16 EL=15	80
1134.72	14.79		
		A15 EL=15	75
1144.23	14.50		
		A13 EL=14	65
1177.02	13.50		
		A11 EL=13	55
2575.15	13.50		
		A13 EL=14	65
3538.55	14.50		
		A15 EL=15	75

3817.93 14.79

V16 EL=15 80

5951.57 14.79

A15 EL=15 75

5992.78 14.50

A13 EL=14 65

6134.89 13.50

A11 EL=13 55

6250.00 12.69

ZONE TERMINATED AT END OF TRANSECT

WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES
 OCEAN ISLE BEACH: REVISED TRANSECT NO. 5

PART 1 INPUT

IE	0.000	0.000	30.000	7.360	12.740	0.000	0.000	0.000	0.000	0.000
IF	1935.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	1000.000	2.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	1300.000	6.200	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	2009.000	7.670	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DU	2071.000	12.320	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	2134.000	3.110	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	3893.000	9.170	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	4553.000	3.420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
VE	4773.000	6.700	1.500	20.000	20.000	0.000	0.000	0.000	0.000	0.000
VE	5250.000	12.740	1.500	20.000	20.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

PART 2 WAVE HEIGHTS AND ELEVATIONS

STATION WAVE HEIGHT WAVE ELEVATION

0.00	9.94	19.70
1935.00	9.94	19.70
1000.00	8.39	18.50
1300.00	5.10	16.31
2009.00	3.95	15.51
2071.00	2.14	14.24
2134.00	2.14	14.24
3893.00	2.47	14.47
4553.00	2.54	14.52

4773.00	2.47	14.47
5250.00	0.00	12.74

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

PART4 LOCATION OF SURGE CHANGES

STATION	10-YEAR SURGE	100-YEAR SURGE
	NO SURGE CHANGES IN THIS TRANSECT	

PART5 LOCATION OF V ZONES

STATION OF GUTTER	LOCATION OF ZONE
2041.64	WINDWARD

PART6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER	ELEVATION	ZONE DESIGNATION	FHF
		V17 EL=20	85
1013.51	18.50		
		V17 EL=19	85
1144.43	17.50		
		V17 EL=17	85
1275.25	16.50		
		V17 EL=18	85
1767.15	19.50		

			V17	EL=18	85	
18	2009.40	15.50				
			V17	EL=15	85	✓
	2041.64	14.84				
			A15	EL=15	75	A
15	2058.24	14.50				
			A14	EL=14	70	
14	4309.53	14.50				
			A14	EL=15	70	
	4640.48	14.50				
			A14	EL=14	70	
	5040.43	13.50				
			A12	EL=13	60	
	5250.00	12.74				

ZONE TERMINATED AT END OF TRANSECT

5

WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES
OCEAN ISLE BEACH 5

PART1 INPUT

IE	0.0	0.0	20.000	7.240	12.740	0.0	0.0	0.0	0.0	0.0
IF	1000.000	5.340	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1013.000	6.440	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1250.000	6.130	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BU	1304.000	6.230	0.300	2.000	0.0	0.0	0.0	0.0	0.0	0.0
IF	2009.000	7.420	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DU	2071.000	12.070	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2134.000	2.840	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2893.000	8.920	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2932.000	0.150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4519.000	0.190	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VE	4773.000	6.450	1.500	20.000	20.000	0.0	0.0	0.0	0.0	0.0
VE	4929.000	12.740	1.500	20.000	20.000	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

1.881 5.77

PART2 WAVE HEIGHTS AND ELEVATIONS

IF	4503	2.12
VE	4773	6.70
VE	5200	25.14
ET		

STATION	WAVE HEIGHT	WAVE ELEVATION
0.0	9.94	19.70
1000.00	5.77	14.79
1013.00	6.74	14.07
1250.00	4.76	14.07
1304.00	1.43	13.74
2009.00	1.69	12.93
2071.00	0.52	12.11
2134.00	0.52	13.11
2734.00	1.74	13.97
2893.00	2.00	14.14
2932.00	2.00	14.14
4519.00	2.48	14.47
4773.00	2.41	14.43
4929.00	0.0	12.74

WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES
OCEAN ISLE BEACH 5

	PART 1 INPUT									
IE	0.0	30.000	7.240	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1000.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1013.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1250.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1204.000	0.200	2.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2003.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2071.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2124.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	3993.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	3922.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4519.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4773.000	1.500	20.000	20.000	0.0	0.0	0.0	0.0	0.0	0.0
VE	4929.000	1.500	20.000	20.000	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

PART 2 WAVE HEIGHTS AND ELEVATIONS

STATION	WAVE HEIGHT	WAVE ELEVATION
0.0	9.94	19.70
1000.00	5.77	14.73
1013.00	4.74	14.07
1250.00	4.74	14.07
1204.00	1.03	13.74
2003.00	1.69	13.93
2071.00	0.52	13.11
2124.00	0.52	13.11
2724.00	1.74	13.97
3993.00	2.00	14.14
3922.00	2.00	14.14
4519.00	2.48	14.47
4773.00	2.41	14.43
4929.00	0.0	12.74

IF 4593 2.42
VE 4773 6.70
VE 5200 25.14
ET

PART3 LOCATION OF AREAS ABOVE 100-YEAR SURGE

NO AREAS ABOVE 100-YEAR SURGE IN THIS TRANSECT

PART4 LOCATION OF SURGE CHANGES

STATION 10-YEAR SURGE 100-YEAR SURGE

NO SURGE CHANGES IN THIS TRANSECT

PART5 LOCATION OF V ZONES

STATION OF GUTTER LOCATION OF ZONE

1278.50 WINDWARD

PART6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER ELEVATION ZONE DESIGNATION FHF

	0.0	19.70		
			V17 EL=20	95
20	47.23	19.50		
			V17 EL=19	95
9	410.11	19.50		
			V17 EL=19	95
8	752.19	17.50		
			V17 EL=17	95
17	1005.14	16.50		
			V17 EL=16	95
16	1262.22	15.50		
			V17 EL=15	95
	1278.50	14.94		
			A12 EL=15	65
15	1282.29	14.50		
			A12 EL=14	65
14	2041.20	13.50		

13 — 2407.96 13.50
14 — 4852.82 13.50
13 — 4929.00 12.74

A13 EL=13 65
A13 EL=14 65
A13 EL=13 65

ZONE TERMINATED AT END OF TRANSECT

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WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES
 OCEAN ISLE BEACH: TRANSECT NO. 3

PART1 INPUT

IE	0.000	0.000	30.000	7.370	12.710	0.000	0.000	0.000	0.000	0.000
IF	930.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	1900.000	2.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	1210.000	8.800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	1224.000	6.560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	1272.000	7.670	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	1238.000	9.290	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	1331.000	5.950	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	2105.000 1701	12.710	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

PART2 WAVE HEIGHTS AND ELEVATIONS

STATION	WAVE HEIGHT	WAVE ELEVATION
0.00	9.91	19.65
930.00	9.91	19.65
1000.00	8.12	18.39
1210.00	3.05	14.34
1224.00	3.05	14.34
1272.00	2.37	14.37
1238.00	2.37	14.37
1331.00	2.37	14.37
2105.00	0.00	12.71

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

PART4 LOCATION OF SURGE CHANGES
STATION 10-YEAR SURGE 100-YEAR SURGE
NO SURGE CHANGES IN THIS TRANSECT

PART5 LOCATION OF V ZONES
STATION OF GUTTER LOCATION OF ZONE
1227.52 WINDWARD

PART6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER	ELEVATION	ZONE DESIGNATION	FHF
		V17 EL=20	85
933.34	19.50		
		V17 EL=19	85
994.08	18.50		
		V17 EL=18	85
1052.39	17.50		
		V17 EL=17	85
1112.06	16.50		
		V17 EL=16	85
1171.23	15.50		
		V17 EL=15	85

1227.52 14.81
1258.85 14.50
1736.61 13.50
2105.00 12.71

A15 EL=15 75
A13 EL=14 65
A11 EL=13 55

V
A

ZONE TERMINATED AT END OF TRANSECT

WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES
 OCEAN ISLE BEACH: TRANSECT NO. 3

PART1 INPUT

IE	0.000	0.000	30.000	7.370	12.710	0.000	0.000	0.000	0.000	0.000
IF	930.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	1000.000	2.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	1210.000	3.800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	1224.000	6.350	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	1272.000	4.670	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	1283.000	2.290	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	1331.000	6.950	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IF	1701.000	12.710	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

PART2 WAVE HEIGHTS AND ELEVATIONS

STATION	WAVE HEIGHT	WAVE ELEVATION
0.00	9.91	19.65
930.00	9.91	19.65
1000.00	8.12	18.39
1210.00	3.05	14.84
1224.00	3.05	14.84
1272.00	2.37	14.37
1283.00	2.37	14.37
1331.00	2.37	14.37
1701.00	0.00	12.71

PART3 LOCATION OF AREAS ABOVE 100-YEAR SURGE

NO AREAS ABOVE 100-YEAR SURGE IN THIS TRANSECT

PART4 LOCATION OF SURGE CHANGES

STATION 10-YEAR SURGE 100-YEAR SURGE

NO SURGE CHANGES IN THIS TRANSECT

PART5 LOCATION OF V ZONES

STATION OF GUTTER LOCATION OF ZONE

1227.52 WINDWARD

PART6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER ELEVATION ZONE DESIGNATION FH#

		V17 EL=20	85
938.34	19.50		
		V17 EL=19	85
994.08	18.50		
		V17 EL=18	85
1052.39	17.50		
		V17 EL=17	85
1112.06	16.50		
		V17 EL=16	85
1171.23	15.50		
		V17 EL=15	85

1227.52

14.81

A15 EL=15 .75

1253.85

14.50

A13 EL=14 .65

1524.90

13.50

A11 EL=13 .55

1701.00

12.71

ZONE TERMINATED AT END OF TRANSECT

3

WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES
OCEAN ISLE BEACH 2

PART1 INPUT

IE	0.0	0.0	20.000	7.370	12.710	0.0	0.0	0.0	0.0	0.0
IF	1000.000	6.470	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1100.000	7.930	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BU	1120.000	9.250	0.500	1.000	0.0	0.0	0.0	0.0	0.0	0.0
DU	1177.000	12.710	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AS	1221.000	12.710	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1272.000	9.550	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DU	1701.000	12.710	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AS	2163.000	12.710	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2260.000	2.200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2592.000	0.990	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4950.000	1.540	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VE	5250.000	12.710	1.500	20.000	20.000	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

PART2 WAVE HEIGHTS AND ELEVATIONS

IF	1221	6.56
IF	1272	9.67
IF	2000	9.29
IF	1231	6.95
IF	2105	18.99
	2169	4.82
	2228	5.88
	2280	7.32
	2307	0
	2581	0
	2592	1.01
	4463	2.73

STATION	WAVE HEIGHT	WAVE ELEVATION
0.0	9.91	19.45
1000.00	4.87	14.12
1100.00	2.91	15.37
1120.00	2.49	14.59
1177.00	0.0	12.71
1221.00	0.0	12.71
1272.00	0.0	12.71
1701.00	0.0	12.71
2163.00	0.0	12.71
2260.00	0.0	12.71
2592.00	0.0	12.71
3192.00	2.93	14.24
3792.00	2.99	14.73
4950.00	2.57	15.21

PART3 LOCATION OF AREAS ABOVE 100-YEAR SURGE

BETWEEN 1177.00 AND 1221.00

BETWEEN 1701.00 AND 2163.00

PART4 LOCATION OF SURGE CHANGES

STATION 10-YEAR SURGE 100-YEAR SURGE

NO SURGE CHANGES IN THIS TRANSECT

PART5 LOCATION OF V ZONES

STATION OF GUTTER LOCATION OF ZONE

1121.70 WINDWARD

3979.14 LEeward

4597.71 WINDWARD

PART6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER ELEVATION ZONE DESIGNATION FHF

0.0 19.65

V17 EL=20 85

42.36 19.50

V17 EL=19 85

325.44 19.50

V17 EL=18 85

609.51 17.50

V17 EL=17 85

991.59 16.50

V17 EL=16 85

1083.10 15.50

V17 EL=15 85

1121.70 14.81

20

19

18

17

16

V
A

15	—	1132.35	14.50	A12	EL=15	60
				A12	EL=14	60
14	—	1157.29	13.50	A12	EL=13	60
		1177.00	12.71			
		1221.00	12.71			
		1701.00	12.71	A12	EL=13	60
		2143.00	12.71			
				A12	EL=13	60
13	—	2882.66	13.50	A12	EL=14	60
				A12	EL=15	60
14	—	3435.31	14.50	A12	EL=15	60
		3973.14	14.91	V17	EL=15	95
		4997.71	14.91			
		5034.95	14.50	A13	EL=15	65
				A13	EL=14	65
		5155.09	13.50			
		5250.00	12.71	A13	EL=13	65

ZONE TERMINATED AT END OF TRANSECT

R: T=0.14/0.79 07:52:10

WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES
OCEAN ISLE BEACH 2

*Not adj.
height values*

PART1 INPUT

IE	0.0	0.0	30.000	7.380	12.700	0.0	0.0	0.0	0.0	0.0	0.0
IF	1000.000	6.070	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1592.000	6.250	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VE	2000.000	6.030	0.500	8.000	4.000	0.0	0.0	0.0	0.0	0.0	0.0
IF	2375.000	5.790	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VE	2500.000	6.310	0.500	8.000	4.000	0.0	0.0	0.0	0.0	0.0	0.0
IF	2600.000	0.860	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	3527.000	0.920	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4778.000	2.580	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4790.000	0.800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	5390.000	0.900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	5500.000	7.290	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VE	5648.000	12.700	1.000	15.000	15.000	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

PART2 WAVE HEIGHTS AND ELEVATIONS

STATION WAVE HEIGHT WAVE ELEVATION

0.0	9.91	19.43
1000.00	5.17	14.32
1592.00	5.00	14.20
2000.00	2.46	14.42
2375.00	2.46	14.42
2500.00	2.13	14.19
2600.00	2.13	14.19
3527.00	2.69	14.58
4127.00	3.16	14.91
4778.00	3.14	15.11

STATION WAVE HEIGHT WAVE ELEVATION

0.0	9.91	19.63
1000.00	5.17	16.32
1592.00	5.00	16.20
2000.00	2.46	14.42
2375.00	2.46	14.42
2500.00	2.13	14.19
2600.00	2.13	14.19
2827.00	2.69	14.58
4127.00	3.16	14.91
4778.00	3.44	15.11
4790.00	3.44	15.11
5390.00	2.75	15.33
5500.00	2.75	15.33
5648.00	0.0	12.70

PART3 LOCATION OF AREAS ABOVE 100-YEAR SURGE

NO AREAS ABOVE 100-YEAR SURGE IN THIS TRANSECT

PART4 LOCATION OF SURGE CHANGES

STATION	10-YEAR SURGE	100-YEAR SURGE
---------	---------------	----------------

NO SURGE CHANGES IN THIS TRANSECT

PART5 LOCATION OF V ZONES

STATION OF GUTTER	LOCATION OF ZONE
1912.98	WINDWARD
3926.57	LEEWARD
5533.75	WINDWARD

PART6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER	ELEVATION	ZONE DESIGNATION	FHF
0.0	19.63		
		V16 EL=20	80
40.49	19.50		
		V16 EL=19	80
342.22	18.50		
		V16 EL=18	80
643.95	17.50		
		V16 EL=17	80
945.68	16.50		
		V16 EL=16	80

245.38	16.50	V16	EL=16	80
1752.47	15.50			
		V16	EL=15	80
1912.98	14.80			
		A14	EL=15	70
1981.77	14.50			
		A14	EL=14	70
3336.80	14.50			
		A14	EL=15	70
3926.57	14.80			
		V16	EL=15	80
5533.75	14.80			
		A13	EL=15	65
5552.93	14.50			
		A13	EL=14	65
5616.86	13.50			
		A13	EL=13	65
5668.00	12.70			

ZONE TERMINATED AT END OF TRANSECT

R1 T=0.11/0.65 13:55:35

*Not adj
ele.*

WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES
OCEAN ISLE BEACH 3

PART1 INPUT

IE	0.0	0.0	30.000	7.370	12.710	0.0	0.0	0.0	0.0	0.0
IF	1000.000	6.590	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1100.000	7.950	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BU	1130.000	8.370	0.500	1.000	0.0	0.0	0.0	0.0	0.0	0.0
DU	1177.000	12.710	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AS	1221.000	12.710	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1272.000	9.670	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DU	1701.000	12.710	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AS	2163.000	12.710	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2260.000	2.320	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2592.000	1.010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4950.000	1.660	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VE	5250.000	12.710	1.500	20.000	20.000	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

PART2 WAVE HEIGHTS AND ELEVATIONS

STATION	WAVE HEIGHT	WAVE ELEVATION
0.0	9.91	19.65
1000.00	4.77	16.05
1100.00	3.71	15.31
1130.00	2.63	14.55
1177.00	0.0	12.71
1221.00	0.0	12.71
1272.00	0.0	12.71
1701.00	0.0	12.71
2163.00	0.0	12.71

1221.00	0.0	12.71
1272.00	0.0	12.71
1701.00	0.0	12.71
2163.00	0.0	12.71
2260.00	0.0	12.71
2592.00	0.0	12.71
3192.00	2.31	14.32
3792.00	2.84	14.71
4950.00	3.53	15.18
5250.00	0.0	12.71

PART3 LOCATION OF AREAS ABOVE 100-YEAR SURGE

BETWEEN 1177.00 AND 1221.00
 BETWEEN 1701.00 AND 2163.00

PART4 LOCATION OF SURGE CHANGES

STATION	10-YEAR SURGE	100-YEAR SURGE
NO SURGE CHANGES IN THIS TRANSECT		

PART5 LOCATION OF V ZONES

STATION OF GUTTER	LOCATION OF ZONE
1119.66	WINDWARD
4022.71	LEEWARD
4995.05	WINDWARD

PART6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER	ELEVATION	ZONE DESIGNATION	FHF
0.0	19.65		

1119.44	14.81	V17 EL=15	65
1131.22	14.50	A12 EL=15	60
1156.80	13.50	A12 EL=14	60
1177.00	12.71	A12 EL=13	60
1221.00	12.71	A12 EL=13	60
1701.00	12.71		
2143.00	12.71		
2385.66	13.50	A12 EL=13	60
2463.65	14.50	A12 EL=14	60
4032.71	14.81	A12 EL=15	60
4095.05	14.81	V17 EL=15	65
5022.49	13.50	A12 EL=15	65
5154.09	13.50	A12 EL=14	65
5250.00	12.71	A12 EL=13	65

ZONE TERMINATED AT END OF TRANSECT

0.0	19.85	V17	EL=20	85
41.59	19.50	V17	EL=19	85
319.51	18.50	V17	EL=18	85
597.43	17.50	V17	EL=17	85
875.36	16.50	V17	EL=16	85
1074.27	15.50	V17	EL=15	85
1119.66	14.81	A12	EL=15	60
1131.22	14.50	A12	EL=14	60
1156.80	13.50	A12	EL=13	60
1177.00	12.71			
1221.00	12.71	A12	EL=13	60
1701.00	12.71			
2163.00	12.71			
		A12	EL=13	60
2885.66	13.50	A12	EL=14	60
3463.65	14.50			

WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES
OCEAN ILSE BEACH 4

PART1 INPUT

IE	0.0	0.0	20.000	7.360	12.730	0.0	0.0	0.0	0.0	0.0
IF	1000.000	6.700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1230.000	6.800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BU	1295.000	6.580	0.400	2.000	0.0	0.0	0.0	0.0	0.0	0.0
IF	1545.000	6.140	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BU	2800.000	5.360	0.700	15.000	0.0	0.0	0.0	0.0	0.0	0.0
IF	3000.000	5.470	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BU	3418.000	5.360	0.700	5.000	0.0	0.0	0.0	0.0	0.0	0.0
IF	3600.000	1.200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4128.000	1.370	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4290.000	4.440	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VE	4500.000	12.730	1.500	20.000	15.000	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

PART2 WAVE HEIGHTS AND ELEVATIONS

STATION WAVE HEIGHT WAVE ELEVATION

0.0	9.92	19.48
1000.00	4.70	14.02
1230.00	4.73	15.87
1295.00	1.85	14.03
1545.00	1.85	14.03
2800.00	0.13	12.82
3000.00	0.13	12.82
3418.00	0.05	12.77
3600.00	0.05	12.77

3000.00	0.13	12.82
3418.00	0.05	12.77
3600.00	0.05	12.77
4128.00	2.17	14.25
4290.00	2.17	14.25
4500.00	0.0	12.73

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

PART4 LOCATION OF SURGE CHANGES

STATION	10-YEAR SURGE	100-YEAR SURGE
NO SURGE CHANGES IN THIS TRANSECT		

PART5 LOCATION OF V ZONES

STATION OF GUTTER	LOCATION OF ZONE
1268.07	WINDWARD

PART6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER	ELEVATION	ZONE DESIGNATION	FHF
0.0	19.28		
		V17 EL=20	85
49.36	19.50		
		V17 EL=19	85
322.72	18.50		
		V17 EL=18	85
596.08	17.50		
		V17 EL=17	85

0.0	19.68	V17	EL=20	85
49.36	19.50	V17	EL=19	85
322.72	18.50	V17	EL=18	85
596.08	17.50	V17	EL=17	85
869.44	16.50	V17	EL=16	85
1245.65	15.50	V17	EL=15	85
1268.07	14.83	A12	EL=15	60
1279.11	14.50	A12	EL=14	60
2091.50	13.50	A12	EL=13	60
3860.67	13.50	A12	EL=14	60
4392.77	13.50	A12	EL=13	60
4500.00	12.72			

ZONE TERMINATED AT END OF TRANSECT

1277.11

		A12 EL=14	60
2091.50	13.50		
		A12 EL=13	60
2860.67	13.50		
		A12 EL=14	60
4392.77	13.50		
		A12 EL=13	60
4500.00	12.72		

ZONE TERMINATED AT END OF TRANSECT

R1 T=0.10/0.54 13:58:04

T MOES OUTPUT A)

WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES
OCEAN ISLE BEACH 4

*not
etc adj*

PART1 INPUT

IE	0.0	0.0	30,000	7.360	12.730	0.0	0.0	0.0	0.0	0.0	0.0
IF	1000.000	6.700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1230.000	6.900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BU	1295.000	6.580	0.400	2.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1545.000	6.140	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BU	2200.000	5.260	0.700	15.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2000.000	5.470	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BU	3418.000	5.360	0.700	5.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	3600.000	1.200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4128.000	1.270	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4290.000	4.440	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
UE	4500.000	12.730	1.500	10.000	15.000	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

PART2 WAVE HEIGHTS AND ELEVATIONS

SECTION WAVE HEIGHT WAVE ELEVATION

0.0	0.02	12.73
1000.00	0.10	16.02
1230.00	0.11	15.87
1295.00	1.25	14.03
1545.00	1.25	14.03
2200.00	0.13	12.92
2000.00	0.13	12.92
3418.00	0.05	12.77

2800.00	0.13	12.82
3000.00	0.13	12.82
3418.00	0.05	12.77
3600.00	0.05	12.77
4128.00	2.17	14.25
4290.00	2.17	14.25
4500.00	0.0	12.73

PART2 LOCATION OF AREAS ABOVE 100-YEAR SURGE
 NO AREAS ABOVE 100-YEAR SURGE IN THIS TRANSECT

PART4 LOCATION OF SURGE CHANGES

STATION	10-YEAR SURGE	100-YEAR SURGE
NO SURGE CHANGES IN THIS TRANSECT		

PART5 LOCATION OF V ZONES

STATION OF GUTTER	LOCATION OF ZONE
1245.07	WINDWARD

PART6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER	ELEVATION	ZONE DESIGNATION	FHF
0.0	19.63	V17 EL=20	85
49.36 - 507	19.50	V17 EL=19	85
322.72 - 525 4/3	18.50	V17 EL=18	85
596.08 - 341 1/2	17.50		

322.72 ~~341.13~~ 18.50

V17 EL=18 85

596.08 ~~341.13~~ 17.50

V17 EL=17 95

869.44 ~~341.13~~ 16.50

V17 EL=16 95

1245.65 15.50

V17 EL=15 85

1268.07 14.83

A12 EL=15 60

1279.11 14.50

A12 EL=14 60

2091.50 ~~1171~~ 13.50

A12 EL=13 60

3860.67 13.50

A12 EL=14 60

4393.77 12.50

A12 EL=13 60

4500.00 12.73

ZONE TERMINATED AT END OF TRANSECT

R: T=0.10/0.57 13:59:15

.LOGOFF
CONNECT= 00:10:13 VIRTCPU= 000:00.94 TOTCPU= 000:05.24
LOGOFF AT 13:59:21 EST MONDAY 03/01/82

SELECT DESIRED SERVICE: "C" FOR CMS OR "T" FOR TSO

T W084 OUTPUT A1

1

WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES
OCEAN ILSE BEACH 4

PART1 INPUT

IE	0.0	0.0	20.000	7.360	12.730	0.0	0.0	0.0	0.0	0.0	0.0
IF	1000.000	6.700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1230.000	6.800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BU	1295.000	6.580	0.400	2.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1545.000	6.140	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BU	2800.000	5.360	0.700	15.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	3000.000	5.470	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BU	3418.000	5.360	0.700	5.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	3600.000	1.200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4128.000	1.370	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4290.000	4.440	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VE	4500.000	12.730	1.500	20.000	15.000	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

PART2 WAVE HEIGHTS AND ELEVATIONS

STATION WAVE HEIGHT WAVE ELEVATION

0.0	0.93	19.53
1000.00	4.70	16.02
1230.00	4.63	15.97
1295.00	1.85	14.03
1545.00	1.85	14.03
2800.00	0.13	12.82
3000.00	0.13	13.82
3418.00	0.05	12.77

3418.00	0.05	12.77
3600.00	0.05	12.77
4128.00	2.17	14.25
4290.00	2.17	14.25
4500.00	0.0	12.73

PART3 LOCATION OF AREAS ABOVE 100-YEAR SURGE

NO AREAS ABOVE 100-YEAR SURGE IN THIS TRANSECT

PART4 LOCATION OF SURGE CHANGES

STATION	10-YEAR SURGE	100-YEAR SURGE
NO SURGE CHANGES IN THIS TRANSECT		

PART5 LOCATION OF V ZONES

STATION OF GUTTER	LOCATION OF ZONE
1268.07	WINDWARD

PART6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER	ELEVATION	ZONE DESIGNATION	FHF
0.0	19.68		
		V17 EL=20	85
49.36	19.50		
		V17 EL=19	85
322.72	18.50		
		V17 EL=18	85
596.08	17.50		
		V17 EL=17	85
869.44	16.50		
		V17 EL=16	85
1245.65	15.50		
		V17 EL=15	85
1268.07	14.83		
		A12 EL=15	60

PART 4 LOCATION OF SURGE CHANGES

STATION	10-YEAR SURGE	100-YEAR SURGE
NO SURGE CHANGES IN THIS TRANSECT		

PART 5 LOCATION OF V ZONES

STATION OF GUTTER	LOCATION OF ZONE
1268.07	WINDWARD

PART 6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER	ELEVATION	ZONE DESIGNATION	FHF
0.0	19.48		
		V17 EL=20	85
49.36	19.50		
		V17 EL=19	85
322.72	18.50		
		V17 EL=19	85
596.08	17.50		
		V17 EL=17	85
869.44	16.50		
		V17 EL=16	85
1245.65	15.50		
		V17 EL=15	85
1268.07	14.83		
		A12 EL=15	60

322.72	18.50	V17	EL=18	85
596.08	17.50	V17	EL=17	85
869.44	16.50	V17	EL=16	85
1245.65	15.50	V17	EL=15	85
1268.07	14.93	A12	EL=15	60
1279.11	14.50	A12	EL=14	60
2091.50	13.50	A12	EL=13	60
3960.67	13.50	A12	EL=14	60
4392.77	13.50	A12	EL=13	60
4500.00	12.75			

ZONE TERMINATED AT END OF TRAJECT

R: T=0.10/0.54 13:59:04

*not
ele adj.*

WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES
OCEAN ISLE BEACH 5

PART1 INPUT

IE	0.0	0.0	30.000	7.300	12.740	0.0	0.0	0.0	0.0	0.0	0.0
IF	1000.000	5.590	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1013.000	6.890	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1250.000	6.990	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BU	1304.000	6.490	0.300	2.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2009.000	7.470	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DU	2071.000	12.320	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2134.000	3.110	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	3393.000	9.170	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	3932.000	0.150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4519.000	0.150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VE	4773.000	1.700	1.500	20.000	20.000	0.0	0.0	0.0	0.0	0.0	0.0
VE	4929.000	12.740	1.500	20.000	20.000	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

PART2 WAVE HEIGHTS AND ELEVATIONS

STATION WAVE HEIGHT WAVE ELEVATION

0.0	9.74	19.70
1000.00	5.58	16.64
1013.00	4.56	15.93
1250.00	4.56	15.93
1304.00	1.37	13.70
2009.00	1.62	13.88
2071.00	0.33	12.97
2134.00	0.33	12.97
2734.00	1.71	13.93

*not
ele adj.*

WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES
OCEAN ISLE BEACH 5

PART1 INPUT

IE	0.0	0.0	20.000	7.360	12.740	0.0	0.0	0.0	0.0	0.0	0.0
IF	1000.000	5.590	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1013.000	6.890	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1250.000	6.390	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BU	1304.000	6.420	0.300	3.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2009.000	7.670	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DU	2071.000	12.320	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2124.000	3.110	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2892.000	3.170	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	3932.000	0.150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4519.000	0.150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VE	4773.000	4.700	1.500	20.000	20.000	0.0	0.0	0.0	0.0	0.0	0.0
VE	4929.000	12.740	1.500	20.000	20.000	0.0	0.0	0.0	0.0	0.0	0.0
BT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

PART2 WAVE HEIGHTS AND ELEVATIONS

STATION	WAVE HEIGHT	WAVE ELEVATION
0.0	9.94	19.70
1000.00	5.58	16.64
1013.00	4.56	15.93
1250.00	4.56	15.93
1304.00	1.37	13.70
2009.00	1.62	13.88
2071.00	0.33	12.97
2124.00	0.33	12.97
2734.00	1.71	13.93

2071.00	0.33	12.97
2134.00	0.33	12.97
2734.00	1.71	13.93
3892.00	1.93	14.09
3932.00	1.93	14.09
4519.00	2.48	14.47
4772.00	2.41	14.43
4929.00	0.0	12.74

FART3 LOCATION OF AREAS ABOVE 100-YEAR SURGE
 NO AREAS ABOVE 100-YEAR SURGE IN THIS TRANSECT

FART4 LOCATION OF SURGE CHANGES

STATION	10-YEAR SURGE	100-YEAR SURGE
NO SURGE CHANGES IN THIS TRANSECT		

FART5 LOCATION OF V ZONES

STATION OF GUTTER	LOCATION OF ZONE
1276.42	UPWARD

FART6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER	ELEVATION	ZONE DESIGNATION	FFP
0.0	19.70		
		V17 EL=20	85
64.23	19.50		
		V17 EL=19	85
391.87	18.50		
		V17 EL=18	85

0.0	19.70	V17	EL=20	85
64.23	19.50			
391.67	18.50	V17	EL=19	85
719.50	17.50	V17	EL=18	85
1002.64	16.50	V17	EL=17	85
1260.48	15.50	V17	EL=16	85
1276.42	14.84	V17	EL=15	85
1284.64	14.50	A13	EL=15	65
2034.74	13.50	A13	EL=14	65
		A13	EL=13	65
2463.94	13.50			
		A13	EL=14	65
4858.80	13.50			
		A13	EL=13	65
4929.00	12.74			

ZONE TERMINATED AT END OF TRANSECT

WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES
OCEAN ISLE BEACH 62

	PART1 INPUT										
IE	0.0	0.0	20.000	7.360	12.740	0.0	0.0	0.0	0.0	0.0	0.0
IF	1000.000	4.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1350.000	8.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2100.000	7.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2500.000	4.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2900.000	0.630	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4077.000	0.630	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4374.000	5.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VE	4560.000	12.740	2.000	20.000	20.000	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

PART2 WAVE HEIGHTS AND ELEVATIONS

STATION WAVE HEIGHT WAVE ELEVATION

0.0	9.94	19.70
1000.00	5.26	14.42
1350.00	3.70	15.33
2100.00	3.70	15.33
2500.00	3.70	15.33
2900.00	2.70	15.33
4077.00	4.20	15.68
4374.00	4.20	15.68
4560.00	0.0	12.74

4077.00	4.20	15.68
4374.00	4.20	15.68
4560.00	0.0	12.74

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

PART4 LOCATION OF SURGE CHANGES

STATION	10-YEAR SURGE	100-YEAR SURGE
NO SURGE CHANGES IN THIS TRANSECT		

PART5 LOCATION OF V ZONES

STATION OF GUTTER	LOCATION OF ZONE
4427.19	WINDWARD

PART6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER	ELEVATION	ZONE DESIGNATION	FHF
0.0	19.70		
		V17 EL=20	85
59.84	19.50		
		V17 EL=19	85
265.09	19.50		
		V17 EL=19	85
470.24	17.50		
		V17 EL=17	85
975.59	16.50		
		V17 EL=16	85
1294.88	15.50		

2900
 40" M

2900
4077

975.59	16.50	V17	EL=17	85
1294.88	15.50	V17	EL=16	85
3473.37	15.50	V17	EL=15	85
4385.45	15.50	V17	EL=16	85
		V17	EL=15	85
4427.19	14.94			
4442.69	14.50	A13	EL=15	65
		A13	EL=14	65
4511.93	13.50	A13	EL=13	65

ZONE TERMINATED AT END OF TRANSECT

R: T=0.12/0.57 07:55:29

.T W0842 OUTPUT A481

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WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES
OCEAN ISLE BEACH 62

PART1 INPUT

IE	0.0	0.0	20.000	7.360	12.740	0.0	0.0	0.0	0.0	0.0
IF	1000.000	6.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1350.000	8.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2100.000	7.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2500.000	4.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2900.000	0.630	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4077.000	0.630	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4374.000	5.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VE	4560.000	12.740	2.000	20.000	20.000	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

PART2 WAVE HEIGHTS AND ELEVATIONS

STATION WAVE HEIGHT WAVE ELEVATION

0.0	9.94	19.70
1000.00	5.26	14.42
1350.00	3.70	15.33
2100.00	3.70	15.23
2500.00	3.70	15.23
2900.00	3.70	15.23
4077.00	4.20	15.68
4374.00	4.20	15.68
4560.00	0.0	12.74

STATION WAVE HEIGHT WAVE ELEVATION

0.0	9.94	19.70
1000.00	5.26	16.42
1350.00	3.70	15.33
2100.00	3.70	15.33
2500.00	3.70	15.33
2900.00	3.70	15.33
4077.00	4.20	15.69
4374.00	4.20	15.69
4540.00	0.0	12.74

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

PART4 LOCATION OF SURGE CHANGES

STATION	10-YEAR SURGE	100-YEAR SURGE
NO SURGE CHANGES IN THIS TRANSECT		

PART5 LOCATION OF V ZONES

STATION OF GUTTER	LOCATION OF ZONE
4427.19	WINDWARD

PART6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER	ELEVATION	ZONE DESIGNATION	FHF
0.0	19.70		
		V17 EL=20	85
59.84	19.50		
		V17 EL=19	85

0.0	19.70		
		V17	EL=20 85
59.84	19.50		
		V17	EL=19 85
345.09	18.50		
		V17	EL=18 85
670.34	17.50		
		V17	EL=17 85
975.59	16.50		
		V17	EL=16 85
1294.89	15.50		
		V17	EL=15 85
2472.27	15.50		
		V17	EL=14 85
4385.45	15.50		
		V17	EL=15 85
4427.19	14.94		
		A13	EL=15 65
4442.69	14.50		
		A13	EL=14 65
4511.92	13.50		
		A13	EL=13 65
4560.00	12.74		

ZONE TERMINATED AT END OF TRANSECT

0.0	19.70		
		V17	EL=20 95
59.94	19.50		
		V17	EL=19 95
265.09	19.50		
		V17	EL=18 95
470.24	17.50		
		V17	EL=17 95
975.59	16.50		
		V17	EL=16 95
1294.99	15.50		
		V17	EL=15 95
2479.97	15.50		
		V17	EL=16 95
4395.45	15.50		
		V17	EL=15 95
4427.19	14.94		
		A12	EL=15 65
4448.49	14.50		
		A12	EL=14 65
4511.93	13.50		
		A12	EL=13 65
4540.00	12.74		

ZONE TERMINATED AT END OF TRANSECT

ZONE TERMINATED AT END OF TRANSECT

R1 T=0.12/0.57 07:55:29

.T W0862 OUTPUT A081

WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES
OCEAN ISLE BEACH 62

PART1 INPUT

JE	0.0	0.0	30.000	7.360	12.740	0.0	0.0	0.0	0.0	0.0	0.0
IF	1000.000	6.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1250.000	8.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2100.000	7.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2500.000	4.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2900.000	0.430	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4077.000	0.430	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4274.000	5.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VE	4540.000	12.740	2.000	20.000	20.000	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

PART2 WAVE HEIGHTS AND ELEVATIONS

STATION WAVE HEIGHT WAVE ELEVATION

0.0	9.94	19.70
1000.00	5.24	14.42
1250.00	3.70	15.23
2100.00	3.70	15.23
2500.00	3.70	15.23
2900.00	3.70	15.32
4077.00	4.20	15.68
4274.00	4.20	15.68
4540.00	0.0	12.74

STATION	WAVE HEIGHT	WAVE ELEVATION
0.0	9.94	19.70
1000.00	5.26	14.42
1350.00	3.70	15.33
2100.00	3.70	15.33
2500.00	3.70	15.33
2900.00	3.70	15.33
4077.00	4.20	15.49
4374.00	4.20	15.49
4540.00	0.0	12.74

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

PART4 LOCATION OF SURGE CHANGES

STATION 10-YEAR SURGE 100-YEAR SURGE

NO SURGE CHANGES IN THIS TRANSECT

PART5 LOCATION OF V ZONES

STATION OF GUTTER LOCATION OF ZONE
4427.19 WINDWARD

PART6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER ELEVATION ZONE DESIGNATION FHF

0.0	19.70		
		V17 EL=20	85
59.94	19.50		
		V17 EL=19	85
265.09	19.50		
		V17 EL=19	85
470.34	17.50		
		V17 EL=17	85
975.59	16.50		
		V17 EL=16	85
1294.88	15.50		
		V17 EL=15	85
2473.27	15.50		
		V17 EL=14	85
4285.45	15.50		
		V17 EL=15	85
4427.19	14.84		
		A13 EL=15	65
4448.69	14.50		

STATION 10-YEAR SURGE 10-YEAR SURGE

NO SURGE CHANGES IN THIS TRANSECT

PART5 LOCATION OF V ZONES

STATION OF GUTTER	LOCATION OF ZONE
4427.19	WINDWARD

PART6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER	ELEVATION	ZONE DESIGNATION	FHF
0.0	19.70		
		V17 EL=20	85
59.84	19.50		
		V17 EL=19	85
365.09	19.50		
		V17 EL=19	85
470.24	17.50		
		V17 EL=17	85
975.59	16.50		
		V17 EL=16	85
1394.88	15.50		
		V17 EL=15	85
3472.27	15.50		
		V17 EL=16	85
4385.45	15.50		
		V17 EL=15	85
4427.19	14.64		
		A13 EL=15	65
4448.69	14.50		

4385.45	15.50	V17	EL=15	65
4427.19	14.84			
		A13	EL=15	65
4448.69	14.50			
		A13	EL=14	65
4511.93	13.50			
		A13	EL=13	65
4540.00	12.74			

ZONE TERMINATED AT END OF TRANSECT

R# T=0.1170.56 07:56:38

T H0863 OUTPUT A1

1

WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES
OCEAN ISLE BEACH 63, NEAREST TO HOLDEN B

PART1 INPUT

IE	0.0	0.0	30.000	7.340	12.740	0.0	0.0	0.0	0.0	0.0	0.0
IF	1000.000	2.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1050.000	2.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2420.000	2.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2500.000	2.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2520.000	0.630	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4077.000	0.630	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4390.000	5.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	5000.000	12.740	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

PART2 WAVE HEIGHTS AND ELEVATIONS

STATION WAVE HEIGHT WAVE ELEVATION

0.0	0.94	19.70
1000.00	9.39	15.40
1050.00	5.24	14.42
1450.00	5.24	14.42
2420.00	5.24	14.42
2500.00	5.24	14.42
2520.00	5.24	14.42
3130.00	5.32	14.44
4077.00	5.40	14.52
4390.00	5.40	14.52
5000.00	0.0	12.74

2500.00	5.26	16.42
2580.00	5.26	16.42
3130.00	5.32	16.46
4077.00	5.40	16.52
4390.00	5.40	16.52
5000.00	0.0	12.74

PART3 LOCATION OF AREAS ABOVE 100-YEAR SURGE

NO AREAS ABOVE 100-YEAR SURGE IN THIS TRANSECT

PART4 LOCATION OF SURGE CHANGES

STATION	10-YEAR SURGE	100-YEAR SURGE
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NO SURGE CHANGES IN THIS TRANSECT

PART5 LOCATION OF V ZONES

STATION OF GUTTER	LOCATION OF ZONE
4261.25	WINDWARD

PART6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER	ELEVATION	ZONE DESIGNATION	FHF
0.0	19.70		
		V17 EL=20	85
179.52	19.50		
		V17 EL=19	85
1002.39	18.50		
		V17 EL=18	85
1025.28	17.50		
		V17 EL=17	85

STATION 10-YEAR SURGE 100-YEAR SURGE

NO SURGE CHANGES IN THIS TRANSECT

PARTS LOCATION OF V ZONES

STATION OF GUTTER LOCATION OF ZONE
4461.35 WINDWARD

PARTS NUMBERED A ZONES AND V ZONES

STATION OF GUTTER ELEVATION ZONE DESIGNATION FHF

0.0	19.70		
		V17 EL=20	85
179.52	19.50		
		V17 EL=19	85
1002.28	18.50		
		V17 EL=18	85
1025.28	17.50		
		V17 EL=17	85
1048.17	16.50		
		V17 EL=16	85
2723.87	16.50		
		V17 EL=17	85
4393.44	16.50		
		V17 EL=16	85
4554.92	15.50		
		V17 EL=15	85
4661.35	14.84		
		A13 EL=15	65
4716.18	14.50		

PARTS NUMBERED A ZONES AND V ZONES

STATION OF GUTTER	ELEVATION	ZONE DESIGNATION	FHF
0.0	19.70		
		V17 EL=20	85
179.52	19.50		
		V17 EL=17	85
1002.38	19.50		
		V17 EL=19	85
1025.29	17.50		
		V17 EL=17	85
1048.17	16.50		
		V17 EL=16	85
2722.97	16.50		
		V17 EL=17	85
4392.66	14.50		
		V17 EL=14	85
4554.92	15.50		
		V17 EL=15	85
4661.35	14.94		
		A12 EL=15	65
4714.18	14.50		
		A12 EL=14	65
4877.44	13.50		
		A12 EL=13	65

T W0843 OUTPUT A1

1

WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES
OCEAN ISLE BEACH 42, NEAREST TO HOLDEN B

PART1 INPUT

IE	0.0	0.0	30.000	7.240	12.740	0.0	0.0	0.0	0.0	0.0	0.0
IF	1000.0	2.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1050.000	4.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2430.000	5.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2500.000	2.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2520.000	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4077.000	0.630	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4390.000	5.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	5000.000	12.740	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

PART2 WAVE HEIGHTS AND ELEVATIONS

STATION WAVE HEIGHT WAVE ELEVATION

0.0	9.94	19.70
1000.00	2.25	19.40
1050.00	5.26	14.42
1650.00	5.26	14.42
2430.00	5.26	14.42
2500.00	5.26	14.42
2520.00	5.26	14.42
3130.00	5.32	14.46
4077.00	5.40	16.52
4390.00	5.40	16.52
5000.00	0.0	12.74

T W0843 OUTPUT 41

1

WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES
 OCEAN ISLE BEACH 43, NEAREST TO HOLDEN B

PART1 INPUT

IE	0.0	0.0	30.000	7.340	12.740	0.0	0.0	0.0	0.0	0.0	0.0
IF	1000.0	2.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1050.000	4.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2430.000	5.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2500.000	5.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2530.000	5.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4077.000	5.400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4390.000	5.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	5000.000	12.740	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

PART2 WAVE HEIGHTS AND ELEVATIONS

STATION	WAVE HEIGHT	WAVE ELEVATION
0.0	9.94	19.70
1000.00	9.99	19.60
1050.00	5.26	16.42
1450.00	5.26	16.42
2430.00	5.26	16.42
2500.00	5.26	16.42
2530.00	5.26	16.42
3130.00	5.32	16.46
4077.00	5.40	16.52
4390.00	5.40	16.52
5000.00	0.0	12.74

5000.00

0.0

12.74

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

PART4 LOCATION OF SURGE CHANGES

STATION 10-YEAR SURGE 100-YEAR SURGE

NO SURGE CHANGES IN THIS TRANSECT

PART5 LOCATION OF V ZONES

STATION OF GUTTER LOCATION OF ZONE

4661.25 WINDWARD

PART6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER ELEVATION ZONE DESIGNATION FHF

0.0	19.70		
		V17 EL=20	95
179.52	19.50		
		V17 EL=19	95
1002.29	19.50		
		V17 EL=19	95
1025.29	17.50		
		V17 EL=17	95
1049.17	16.50		
		V17 EL=16	95
3723.87	16.50		
		V17 EL=17	95

PARTS LOCATION OF V ZONES

STATION OF GUTTER LOCATION OF ZONE
 4661.35 WINDWARD

PARTS NUMBERED A ZONES AND V ZONES

STATION OF GUTTER	ELEVATION	ZONE DESIGNATION	FHF
0.0	19.70		
		V17 EL=20	95
179.52	19.50		
		V17 EL=19	95
1002.99	19.50		
		V17 EL=19	95
1025.28	17.50		
		V17 EL=17	95
1049.17	16.50		
		V17 EL=16	95
3723.87	16.50		
		V17 EL=17	95
4293.64	16.50		
		V17 EL=16	95
4554.92	15.50		
		V17 EL=15	95
4661.35	14.84		
		A13 EL=15	65
4714.18	14.50		
		A13 EL=14	65
4877.44	13.50		

		V17	EL=18	85
1025.28	17.50			
		V17	EL=17	85
1049.17	16.50			
		V17	EL=16	85
3723.87	16.50			
		V17	EL=17	85
4393.64	14.50			
		V17	EL=16	85
4554.92	15.50			
		V17	EL=15	85
4441.35	14.84			
		412	EL=15	65
4716.18	14.50			
		413	EL=14	65
4877.44	13.50			
		413	EL=13	65

1
2

WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES
OCEAN ISLE BEACH 2

PART1 INPUT

IE	0.0	0.0	30.000	7.380	12.700	0.0	0.0	0.0	0.0	0.0
IF	1000.000	6.010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1592.000	6.230	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VE	2000.000	5.970	0.500	8.000	4.000	0.0	0.0	0.0	0.0	0.0
IF	2375.000	5.730	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VE	2500.000	6.250	0.500	8.000	4.000	0.0	0.0	0.0	0.0	0.0
IF	2600.000	0.800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	3527.000	0.860	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4778.000	2.520	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4790.000	0.740	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	5390.000	0.740	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	5500.000	7.330	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VE	5668.000	12.700	1.000	15.000	15.000	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

PART2 WAVE HEIGHTS AND ELEVATIONS

STATION WAVE HEIGHT WAVE ELEVATION

0.0	9.91	19.63
1000.00	5.22	14.95
1592.00	5.05	14.83
2000.00	2.48	14.44
2375.00	2.48	14.44
2500.00	2.15	14.21
2600.00	2.15	14.21
3527.00	2.70	14.59
4127.00	2.17	14.52
4778.00	3.46	15.12
4790.00	3.46	15.12
5390.00	3.77	15.34
5500.00	2.77	15.34
5668.00	0.0	12.70

PART3 LOCATION OF AREAS ABOVE 100-YEAR SURGE

NO AREAS ABOVE 100-YEAR SURGE IN THIS TRANSECT

PART4 LOCATION OF SURGE CHANGES

STATION 10-YEAR SURGE 100-YEAR SURGE

NO SURGE CHANGES IN THIS TRANSECT

PART5 LOCATION OF V ZONES

STATION OF GUTTER LOCATION OF ZONE

1917.42 WINDWARD

3907.21 LEEWARD

5534.45 WINDWARD

PART6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER ELEVATION ZONE DESIGNATION FHF

0.0	19.42		
		V14	EL=20 80
40.89	19.50		
		V14	EL=19 80
345.43	18.50		
		V14	EL=18 80
650.39	17.50		
		V14	EL=17 80
955.12	16.50		
		V14	EL=16 80
1758.41	15.50		
		V14	EL=15 80
1917.42	14.80		
		A14	EL=15 70

1985.56	14.50			
		A14	EL=14	70
3211.41	14.50			
		A14	EL=15	70
3907.21	14.80			
		V16	EL=15	80
5524.45	14.80			
		A13	EL=15	65
5553.52	14.50			
		A13	EL=14	65
5617.12	13.50			
		A13	EL=13	65
5668.00	12.70			

ZONE TERMINATED AT END OF TRANSECT

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4

WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES
OCEAN ILSE BEACH 4

PART1 INPUT

IE	0.0	0.0	30.000	7.260	12.720	0.0	0.0	0.0	0.0	0.0
IF	1000.000 ✓	6.450	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1230.000	6.550	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BU	1295.000	6.230	0.400	2.000	0.0	0.0	0.0	0.0	0.0	0.0
IF	1545.000	5.990	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BU	2800.000	5.110	0.700	15.000	0.0	0.0	0.0	0.0	0.0	0.0
IF	3000.000	5.220	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BU	3419.000	5.110	0.700	5.000	0.0	0.0	0.0	0.0	0.0	0.0
IF	3600.000	0.950	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4128.000	1.120	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4290.000	4.190	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VE	4500.000	12.720	1.500	20.000	15.000	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

PART2 WAVE HEIGHTS AND ELEVATIONS

STATION	WAVE HEIGHT	WAVE ELEVATION
0.0	9.92	19.68
1000.00	4.90	14.16
1230.00	4.82	14.10
1295.00	1.92	14.08
1545.00	1.92	14.08
2800.00	0.13	12.82
3000.00	0.13	12.82
3419.00	0.05	12.77
3600.00	0.05	12.77
4128.00	2.22	14.29
4290.00	2.22	14.29
4500.00	0.0	12.72

PART3 LOCATION OF AREAS ABOVE 100-YEAR SURGE

NO AREAS ABOVE 100-YEAR SURGE IN THIS TRANSECT

PART4 LOCATION OF SURGE CHANGES

STATION 10-YEAR SURGE 100-YEAR SURGE

NO SURGE CHANGES IN THIS TRANSECT

PART5 LOCATION OF V ZONES

STATION OF GUTTER LOCATION OF ZONE

1270.91 WINDWARD

PART6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER ELEVATION ZONE DESIGNATION FHF

0.0	19.49		
		V17 EL=20	85
51.27	19.50		
		V17 EL=19	85
335.23	18.50		
		V17 EL=18	85
619.19	17.50		
		V17 EL=17	85
902.14	14.50		
		V17 EL=14	85
1249.40	15.50		
		V17 EL=15	85
1270.91	14.83		
		A12 EL=15	60
1291.51	14.50		
		A12 EL=14	60
2123.92	13.50		
		A12 EL=13	60

3854.68

13.50

A12 EL=14 60

4396.04

13.50

A12 EL=13 60

4500.00

12.73

ZONE TERMINATED AT END OF TRANSECT

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