

Holden Beach

3

WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES  
 HOLDEN BEACH 3

PART1 INPUT

IE	0.0	0.0	30.000	7.290	12.680	0.0	0.0	0.0	0.0	0.0	0.0
IF	1000.000	7.100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BU	1160.000	7.090	0.350	1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2460.000	6.250	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VE	2660.000	6.650	1.000	8.000	6.000	0.0	0.0	0.0	0.0	0.0	0.0
DU	2680.000	10.380	1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	3080.000	6.110	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DU	3130.000	8.830	1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	3269.000	0.070	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	3683.000	0.070	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	3880.000	7.340	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4050.000	10.020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VE	4219.000	12.680	2.000	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	9.89	19.40
1000.00	4.35	15.73
1160.00	2.57	14.43
1760.00	2.60	14.50
2460.00	2.65	14.54
2660.00	2.12	14.16
2680.00	1.96	14.05
3080.00	1.96	14.05
3130.00	1.96	14.05
3269.00	1.96	14.05

3269.00 1.96 14.05

3683.00	1.96	14.05
3880.00	1.96	14.05
4050.00	1.96	14.05
4219.00	0.0	12.68

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
1121.74	WINDWARD

PART6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER	ELEVATION	ZONE DESIGNATION	FHF
0.0	19.60		
		V17 EL=20	85
26.64	19.50		
		V17 EL=19	85
284.60	18.50		
		V17 EL=18	85
542.56	17.50		

HB3

		V17	EL=17	85
890.51	16.50			
		V17	EL=16	85
1029.15	15.50			
		V17	EL=15	85
1121.74	14.79			
		A14	EL=15	70
1157.74	14.50			
		A14	EL=14	70
1742.57	14.50			
		A14	EL=15	70
2479.05	14.50			
		A14	EL=14	70
4117.82	13.50			
		A14	EL=13	70
4219.00	12.68			

ZONE TERMINATED AT END OF TRANSECT

R: T=0.11/0.61 10:11:40

16.12 - 417  
4225

683