

Holden Beach

4

2

WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES  
HOLDEN BEACH 4

PART1 INPUT

IE	0.0	0.0	30.000	7.250	12.630	0.0	0.0	0.0	0.0	0.0	0.0
IF	1000.000	6.490	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1200.000	7.980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BU	1260.000	8.400	0.410	1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EF	2080.000	3.470	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30 → VE	2142.000	3.160	0.500	6.000	4.000	0.0	0.0	0.0	0.0	0.0	0.0
VE	2600.000	6.000	0.500	6.000	4.000	0.0	0.0	0.0	0.0	0.0	0.0
IF	2940.000	8.120	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2960.000	2.210	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3170 → IF	3211.000	0.920	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	3700.000	0.920	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	3815.000	4.800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VE	3998.000	12.630	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	9.85	19.53
1000.00	4.79	15.98
1200.00	3.63	15.17
1260.00	2.32	14.26
2080.00	2.46	14.36
2142.00	2.38	14.30
2600.00	1.78	13.88
2940.00	1.78	13.88
2960.00	1.78	13.88
3211.00	1.78	13.88
3700.00	1.78	13.88

STATION	WAVE HEIGHT	WAVE ELEVATION
0.0	9.85	19.53
1000.00	4.79	15.98
1200.00	3.63	15.17
1260.00	2.32	14.26
2080.00	2.46	14.36
2142.00	2.38	14.30
2600.00	1.78	13.88
2940.00	1.78	13.88
2960.00	1.78	13.88
3211.00	1.78	13.88
3700.00	1.78	13.88
3815.00	1.78	13.88
3998.00	0.0	12.63

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
1228.84	WINDWARD

HB 4

STATION                      10-YEAR SURGE                      100-YEAR SURGE

NO SURGE CHANGES IN THIS TRANSECT

HB 4

PART 5 LOCATION OF V ZONES

STATION OF GUTTER	LOCATION OF ZONE
1228.84	WINDWARD

PART 6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER	ELEVATION	ZONE DESIGNATION	FHF
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0.0	19.53		
		V17 EL=20	85
7.33	19.50		
		V17 EL=19	85
289.53	19.50		
		V17 EL=18	85
571.74	17.50		
		V17 EL=17	85
853.94	14.50		
		V17 EL=16	85
1118.60	15.50		
		V17 EL=15	85
1228.84	14.73		
		A14 EL=15	70

3700-ICWW

4082

3700-JCWW

16.12-4082

1118.60 15.50

V17 EL=16 85

1228.84 14.73

V17 EL=15 85

1243.95 14.50

A14 EL=15 70

3870.49 13.50

A14 EL=14 70

3998.00 12.63

A14 EL=13 70

ZONE TERMINATED AT END OF TRANSECT

R T=0.10/0.54 09:26:12