

Holden Beach

IA

WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES
HOLDEN BEACH 1A

PART1 INPUT

IE	0.0	0.0	30.000	7.200	12.680	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	1300.000	4.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1600.000	8.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2100.000	2.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2900.000	1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4400.000	1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4710.000	12.680	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

ICWW

PART2 WAVE HEIGHTS AND ELEVATIONS

STATION WAVE HEIGHT WAVE ELEVATION

0.0	9.89	19.60
1000.00	8.33	18.51
1300.00	5.21	16.33
1600.00	3.65	15.24
2100.00	3.65	15.24
2900.00	3.93	15.43
3500.00	4.13	15.57
4400.00	4.39	15.75
4710.00	0.0	12.68

4400.00	4.39	15.75
4710.00	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
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NO SURGE CHANGES IN THIS TRANSECT

PART5 LOCATION OF V ZONES

STATION OF GUTTER	LOCATION OF ZONE
4498.01	WINDWARD

PART6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER	ELEVATION	ZONE DESIGNATION	FHF
0.0	19.60		
		V17 EL=20	85
94.57	19.50		
		V17 EL=19	85
1001.55	18.50		
		V17 EL=18	85
1138.91	17.50		

		V17 EL=19	85
1001.55	18.50		
		V17 EL=18	85
1138.91	17.50		
		V17 EL=17	85
1276.27	16.50		
		V17 EL=16	85
1527.27	15.50		
→ 3189.91	15.50	V17 EL=15	85
4400 - land		V17 EL=14	85
4425.32	15.50		
/		V17 EL=15	85
4498.01	14.78		
		A13 EL=15	65
4526.27	14.50		
		A13 EL=14	65
4627.22	13.50		
		A13 EL=13	65
4710.00	12.68		

ZONE TERMINATED AT END OF TRANSECT

WHEB1A OUTPUT A1

WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES
HOLDEN BEACH 1A

PART1 INPUT

IE	0.0	0.0	30.000	7.200	12.680	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	1300.000	4.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1600.000	8.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2100.000	2.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2900.000	1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4400.000	1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	4710.000	12.680	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	9.89	19.60
1000.00	8.33	18.51
1300.00	5.21	16.33
1600.00	3.65	15.24
2100.00	2.65	15.24
2900.00	3.93	15.43
3500.00	4.13	15.57
4400.00	4.39	15.75
4710.00	0.0	12.68

PART3 LOCATION OF AREAS ABOVE 100-YEAR SURGE

NO AREAS ABOVE 100-YEAR SURGE IN THIS TRANSECT

2500.00	3.93	115.49
3500.00	4.13	15.57
4400.00	4.29	15.75
4710.00	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
4498.01	WINDWARD

PART6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER	ELEVATION	ZONE DESIGNATION	FHF
0.0	19.60		
		V17 EL=20	85
94.57	19.50		
		V17 EL=19	85
1001.55	18.50		
		V17 EL=18	85
1138.91	17.50		
		V17 EL=17	85
1276.27	16.50		
		V17 EL=16	85

Value 1	Value 2	Code	Code	Code
1276.27	16.50	V17	EL=17	85
1527.27	15.50	V17	EL=16	85
3189.91	15.50	V17	EL=15	85
4425.32	15.50	V17	EL=16	85
4498.01	14.78	V17	EL=15	85
4526.27	14.50	A13	EL=15	65
4627.22	13.50	A13	EL=14	65
4710.00	12.68	A13	EL=13	65

ZONE TERMINATED AT END OF TRANSECT

R: T=0.11/0.58 08:04:03

T: WHB1A OUTPUT A1

WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES
HOLDEN BEACH 1A

PART1 INPUT

IE	0.0	0.0	30.000	7.200	12.600	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	1300.000	6.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1600.000	8.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2100.000	2.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2900.000	1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	3547.000	1.000	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

5050
~~IF~~ 1.0
 5360
~~IF~~ 12.75

PART2 WAVE HEIGHTS AND ELEVATIONS

STATION	WAVE HEIGHT	WAVE ELEVATION
0.0	9.89	19.60
1000.00	3.33	19.51
1300.00	5.21	16.33
1600.00	3.65	15.24
2100.00	3.65	15.24
2900.00	3.93	15.43
3547.00	4.15	15.59

TRANSMITTED WAVE HEIGHT AT LAST FETCH OF OBSTRUCTION = 4.15 WHICH EXCEEDS 0.5.

PART3 LOCATION OF AREAS ABOVE 100-YEAR SURGE

NO AREAS ABOVE 100-YEAR SURGE IN THIS TRANSECT

PART4 LOCATION OF SURGE CHANGES

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

PART6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER ELEVATION ZONE DESIGNATION FHF

0.0	19.60		
		V17 EL=20	85
94.57	19.50		
		V17 EL=19	85
1001.55	18.50		
		V17 EL=18	85
1138.91	17.50		
		V17 EL=17	85
1276.27	16.50		
		V17 EL=16	85
1527.27	15.50		
		V17 EL=15	85
3191.92	15.50		
		V17 EL=16	85
3547.00	15.58		

ZONE TERMINATED AT END OF TRANSECT