

Holden Beach

2

OK

WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES  
HOLDEN BEACH 2

PART1 INPUT

IE	0.0	0.0	30.000	7.200	12.680	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	1140.000	8.310	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BU	1174.000	8.520	0.450	1.000	0.0	0.0	0.0	0.0	0.0	0.0
IF	1320.000	8.360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VE	1690.000	6.700	1.000	8.000	6.000	0.0	0.0	0.0	0.0	0.0
VE	1870.000	2.330	1.000	8.000	6.000	0.0	0.0	0.0	0.0	0.0
IF	2942.000	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	3547.000 <sup>KWN</sup>	1.700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VE	3616.000	12.680	2.000	30.000	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	9.29	19.60
1000.00	5.21	16.33
1140.00	3.41	15.07
1174.00	2.29	14.29
1320.00	2.29	14.29
1690.00	1.54	13.76
1870.00	1.40	13.66
2942.00	2.55	14.47
3547.00	3.02	14.80
3616.00	0.0	12.68

PART3 LOCATION OF AREAS ABOVE 100-YEAR SURGE

NO AREAS ABOVE 100-YEAR SURGE IN THIS TRANSECT

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
1152.39	WINDWARD
3518.31	LEEWARD
3547.51	WINDWARD

*H22*

PART6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER	ELEVATION	ZONE DESIGNATION	FHF
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0.0	19.60	V17 EL=20	85
31.52	19.50	V17 EL=19	85
336.77	18.50	V17 EL=18	85
642.02	17.50	V17 EL=17	85
947.27	16.50	V17 EL=16	85
1091.83	15.50	V17 EL=15	85

3547 ICWW

		V17	EL=15	85
1091.83	15.50			
		V17	EL=15	85
1152.38	14.78			
		A14	EL=15	70
1164.50	14.50			
		A14	EL=14	70
3003.85	14.50			
		A14	EL=15	70
3518.31	14.78			
		V17	EL=15	85
3547.51	14.78			
	9	A13	EL=15	65
3556.64	14.50			
	33	A13	EL=14	65
3589.26	13.50			
	27	A13	EL=13	65
2614.00	12.68			

ZONE TERMINATED AT END OF TRANSECT

R1 T=0.10/0.57 08:23:13