

Holden Beach

7

WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES
HOLDEN BEACH 7

PART1 INPUT

IE	0.0	0.0	30.000	7.130	12.510	0.0	0.0	0.0	0.0	0.0	0.0
IF	1000.000	6.340	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1100.000	6.870	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BU	1420.000	8.990	0.400	2.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	1714.000	12.510	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AS	2063.000	12.510	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2491.000	0.980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	2750.000	0.980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IF	3400.000	11.870	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VE	3430.000	12.510	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	9.76	19.34
1000.00	4.81	15.89
1100.00	4.40	15.59
1420.00	1.76	13.74
1714.00	0.0	12.51
2063.00	0.0	12.51
2491.00	0.0	12.51
2750.00	0.0	12.51

2063.00	0.0	12.51
2491.00	0.0	12.51
2750.00	0.0	12.51
3400.00	0.50	12.86
3430.00	0.0	12.51

PART3 LOCATION OF AREAS ABOVE 100-YEAR SURGE
 BETWEEN 1714.00 AND 2063.00

PART4 LOCATION OF SURGE CHANGES

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

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PART5 LOCATION OF V ZONES

STATION OF GUTTER	LOCATION OF ZONE
1269.63	WINDWARD

PART6 NUMBERED A ZONES AND V ZONES

STATION OF GUTTER	ELEVATION	ZONE DESIGNATION	FHF
0.0	19.34	V17 EL=19	85
242.79	18.50	V17 EL=18	85
531.67	17.50		

2491
2750

16.08 - 35.95

242.79	18.50			
		V17	EL=18	85
531.67	17.50			
		V17	EL=17	85
820.55	16.50			
		V17	EL=16	85
1115.49	15.50			
		V17	EL=15	85
1269.63	14.61			
		A11	EL=15	55
1288.68	14.50			
		A11	EL=14	55
1477.71	13.50			
		A11	EL=13	55
1714.00	12.51			
2063.00	12.51			
		A11	EL=13	55
3420.00	12.51			

ZONE TERMINATED AT END OF TRANSECT