

Table 53. Location and descriptions of high-water marks and water- and ground-surface elevations for the Hurricane Emily flood, Hatteras Island, North Carolina, August 31, 1993

[Locations of selected high-water marks (HWM) are shown in figure 81]

HWM no. (fig. 81)	Nearest town	Latitude	Longitude	Type and quality ¹ of HWM	Water-surface elevation (feet above sea level)	Ground-surface elevation (feet above sea level)
1	Avon	35° 24' 22"	75° 29' 29"	Seed line, excellent	5.92	² 4.0
2	Avon	35° 22' 38"	75° 29' 40"	Drift line on dunes, poor	7.2	³ 7.2
3	Avon	35° 22' 35"	75° 29' 40"	Drift line on dunes, poor	7.6	³ 7.6
4	Avon	35° 22' 33"	75° 29' 40"	Drift line on dunes, poor	7.5	³ 7.5
5	Avon	35° 22' 17"	75° 29' 55"	Seed line, excellent	7.62	4.4
6	Avon	35° 21' 38"	75° 30' 28"	Seed line, good	7.3	² 2.3
7	Avon	35° 21' 37"	75° 30' 28"	Seed line, excellent	7.54	² 2.0
8	Avon	35° 21' 30"	75° 30' 09"	Seed line, excellent	7.53	3.8
9	Avon	35° 21' 30"	75° 30' 00"	Wash line, poor	7.5	³ 7.5
10	Avon	35° 21' 29"	75° 30' 03"	Seed line, good	7.6	6.0
11	Avon	35° 21' 07"	75° 30' 41"	Seed line, excellent	7.62	² 5.2
12	Avon	35° 20' 35"	75° 30' 19"	Drift line, poor	7.5	³ 7.5
13	Avon	35° 20' 05"	75° 30' 20"	Drift line, poor	7.6	³ 7.6
14	Avon	35° 20' 04"	75° 30' 27"	Seed line, fair	7.5	² 5.0
15	Avon	35° 19' 21"	75° 30' 34"	Seed line, good	8.5	5.3
16	Avon	35° 19' 20"	75° 30' 32"	Debris line, poor	8.5	³ 8.5
17	Avon	35° 19' 13"	75° 30' 33"	Drift line on dunes, poor	8.8	³ 8.8
18	Buxton	35° 17' 10"	75° 30' 54"	Drift line on dunes, poor	10.8	³ 10.8
19	Buxton	35° 16' 59"	75° 30' 56"	Drift line on dunes, poor	11.1	³ 11.1
20	Buxton	35° 16' 40"	75° 30' 59"	Drift line on dunes, poor	11.1	³ 11.1
21	Buxton (at near-breach)	35° 16' 37"	75° 31' 00"	Drift line on dunes, poor	⁴ 11.2	³ 11.2
22	Buxton	35° 16' 28"	75° 31' 01"	Drift line on dunes, poor	10.3	³ 10.3
23	Buxton	35° 16' 09"	75° 31' 06"	Drift line on dunes, poor	11.5	³ 11.5
24	Buxton	35° 16' 05"	75° 31' 08"	Drift line on dunes, poor	⁴ 10.3	³ 10.3
25	Buxton	35° 15' 59"	75° 31' 10"	Seed line, excellent	10.54	5.9
26	Buxton	35° 15' 53"	75° 31' 19"	Seed line, excellent	9.71	² 6.4
27	Buxton	35° 15' 36"	75° 31' 40"	Seed line, good	8.4	7.5
28	Buxton	35° 15' 52"	75° 31' 42"	Seed line, excellent	8.68	5.8
29	Buxton	35° 16' 07"	75° 31' 43"	Water stain, good	10.1	4.0
30	Buxton	35° 16' 07"	75° 31' 59"	Seed line, good	9.5	7.0
31	Buxton	35° 15' 48"	75° 32' 27"	Seed line, fair	7.1	4.9
32	Buxton	35° 15' 49"	75° 32' 27"	Seed line, good	7.1	3.9
33	Buxton	35° 15' 53"	75° 32' 34"	Seed line, good	9.0	7.8
34	Buxton	35° 15' 39"	75° 32' 35"	Drift line, poor	6.3	³ 6.3
35	Buxton	35° 16' 09"	75° 32' 37"	Seed line, good	10.0	5.4
36	Buxton	35° 15' 54"	75° 33' 03"	Seed line, excellent	9.30	4.9
37	Buxton	35° 15' 52"	75° 33' 29"	Seed line, excellent	9.42	4.6
38	Buxton	35° 15' 49"	75° 33' 44"	Drift line near road, poor	⁴ 9.6	³ 9.6
39	Frisco	35° 15' 27"	75° 34' 59"	Drift line, poor	6.3	³ 6.3
40	Frisco	35° 15' 22"	75° 35' 08"	Seed line, good	6.4	5.5

Table 53. Location and descriptions of high-water marks and water- and ground-surface elevations for the Hurricane Emily flood, Hatteras Island, North Carolina, August 31, 1993—Continued

HWM no. (fig. 81)	Nearest town	Latitude	Longitude	Type and quality ¹ of HWM	Water-surface elevation (feet above sea level)	Ground-surface elevation (feet above sea level)
41	Frisco	35° 15' 50"	75° 35' 23"	Seed line, good	5.9	4.2
42	Frisco	35° 15' 50"	75° 35' 35"	Seed line, excellent	8.31	3.9
43	Frisco	35° 14' 57"	75° 35' 56"	Seed line, excellent	7.88	4.3
44	Frisco	35° 15' 04"	75° 36' 10"	Seed line, good	8.0	3.8
45	Frisco	35° 14' 25"	75° 37' 11"	Seed line, excellent	8.05	4.5
46	Frisco	35° 14' 01"	75° 37' 32"	Seed line, good	8.1	5.9
47	Frisco	35° 13' 35"	75° 38' 11"	Seed line, good	8.7	5.4
48	Frisco	35° 13' 33"	75° 38' 14"	Drift line on dunes, poor	⁴ 8.3	³ 8.3
49	Frisco	35° 13' 22"	75° 38' 59"	Drift line on dunes, poor	7.8	³ 7.8
50	Frisco	35° 13' 17"	75° 39' 13"	Drift line on dunes, poor	7.7	³ 7.7
51	Frisco	35° 13' 12"	75° 39' 26"	Drift line on dunes, poor	7.3	³ 7.3
52	Hatteras	35° 13' 01"	75° 40' 03"	Drift line on dunes, poor	7.9	³ 7.9
53	Hatteras	35° 13' 00"	75° 40' 05"	Drift line on dunes, poor	⁴ 7.8	³ 7.8
54	Hatteras	35° 12' 59"	75° 41' 12"	Seed line, excellent	7.02	3.9
55	Hatteras	35° 12' 56"	75° 41' 18"	Seed line, good	7.0	3.3
56	Hatteras	35° 13' 07"	75° 41' 25"	Seed line, poor	5.8	² 3.5
57	Hatteras	35° 13' 22"	75° 41' 04"	Seed line, excellent	6.98	² 3.4
58	Hatteras	35° 13' 14"	75° 41' 27"	Seed line, fair	6.7	² 4.0
59	Hatteras	35° 13' 07"	75° 41' 40"	Seed line, fair	6.4	4.4
60	Hatteras	35° 12' 46"	75° 41' 46"	Seed line, excellent	6.93	² 3.3
61	Hatteras	35° 12' 32"	75° 41' 55"	Seed line, excellent	6.68	4.2
62	Hatteras	35° 12' 28"	75° 42' 10"	Seed line, excellent	6.68	² 5.6

¹Quality: “excellent,” ± 0.05 foot; “good,” ± 0.1 foot; “fair,” ± 0.25 foot; “poor,” greater than 0.25 foot.

²Estimate.

³Ground-surface elevation at drift line is same as water-surface elevation.

⁴Water-surface elevation is average of two marks.