

Coastal Monitoring Project

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SEWER BEDS SHORELINE CHANGE DATA

Table 1a. SA distance to edge of coastal dune in feet

Date	Sewer A1	Sewer A2	Sewer A3	Sewer A4	Sewer A5	Change
12/8/21	20	40	60	80	100	0
1/7/22	20	40	60	80	100	0
1/18/22 *	10	30	50	70	90	-10
2/22/22	10	30	50	70	90	0
4/19/22	10	30	50	70	90	0
8/26/22	10	30	50	70	90	0
10/7/22 *	Gone	16	26	46	66	-24
12/15/22	Gone	15	25	45	65	-1
12/27/22 *	Gone	11	21	41	61	-4
1/25/2023	Gone	11	21	41	61	0
2/9/23 *	Gone	10	20	40	60	-1
3/20/23*	Gone	9	19	39	59	-1
Total Loss Since 12/8/21						-41

(* = storm measurement)

Table 1b. SB distance to edge of coastal dune in feet

Date	Sewer B1	Sewer B2	Sewer B3	Change
12/8/21	20	40	120	0
1/7/22	16	36	116	-4
1/18/22 *	Gone	18	98	-18
2/22/22	Gone	17	97	-1
4/19/22	Gone	17	97	0
8/26/22	Gone	17	97	0
10/7/22 *	Gone	15	95	-2
12/15/22	Gone	12	92	-3
12/27/22 *	Gone	Gone	74	-18
1/25/23	Gone	Gone	74	0
2/9/23 *	Gone	Gone	74	0
3/20/23*	Gone	Gone	71	-3
Total loss since 12/8/21				-49

(* = storm measurement)

Table 1c. SC distance to edge of coastal dune in feet

Date	Sewer C1	Sewer C2	Sewer C3	Change
12/8/21	20	40	60	0
1/7/22	20	40	60	0
1/18/22 *	8	28	48	-12
2/22/22	7	27	47	-1
4/19/22	6	26	46	-1
8/26/22	6	26	46	0
10/7/22 *	5	25	45	-1

12/15/22	Gone	19	39	-6
12/27/22 *	Gone	11	31	-8
1/25/23	Gone	10	30	-1
2/9/23 *	Gone	9	29	-1
3/20/23*	Gone	9	29	0
Total loss since 12/8/21				-30

(* = storm measurement)

MADAKET SHORELINE CHANGE DATA

Table 2a. MA distance to edge of coastal dune in feet

Date	Madaket A1	Madaket A2	Change
2/22/22	20	40	0
4/5/22	20	40	0
8/26/22	19	39	-1
11/7/22	19	39	0
12/15/22	18	38	-1
12/27/22 *	18	38	0
1/24/23	17	37	-1
2/9/23*	17	37	0
Total loss since 2/2/22			-3

(* = storm measurement)

Table 2b. MB distance to edge of coastal bank in feet

Date	Madaket B1	Madaket B2	Change
2/22/22	20	40	0
4/5/22	20	40	0
8/26/22	Gone	39	-21
11/7/22	Gone	39	0
12/15/22	Gone	18	-21
12/27/22 *	Gone	14	-4
1/24/23	Gone	14	0
2/9/23 *	Gone	13	-1
Total loss since 2/2/22			-47

(* = storm measurement)

NONANTUM SHORELINE CHANGE DATA

Table 3. Nonantum distance to edge of coastal dune in feet

Date	Nonantum 1	Nonantum 2	Nonantum 3	Change
11/30/21	20	40	60	0
12/29/21	20	40	60	0
1/30/22	19	39	59	-1
2/22/22	19	39	59	0
8/26/22	17	37	57	-2
11/7/22	16	36	56	-1
12/20/22	16	36	56	0
1/25/23	16	36	56	0
2/9/23 *	16	36	56	0
Total loss since 11/30/21				-4

(* = storm measurement)

AIRPORT SHORELINE CHANGE DATA

Table 4. Airport distance to edge of coastal bank in feet

Date	ACK 1	Change	ACK 2	Change	ACK 3	Change
2/2/22	20	0	18	0	15	0
8/26/22	20	0	18	0	15	0
2/22/22	20	0	18	0	15	0
11/7/22	20	0	18	0	15	0
12/20/22	20	0	18	0	15	0
12/27/22 *	20	0	18	0	15	0
1/25/23	19	-1	18	0	15	0
2/9/23 *	19	0	18	0	15	0
Total loss since 11/30/22						-1

(* = storm measurement)

DIONIS SHORELINE CHANGE DATA

Table 5. Dionis distance to edge of coastal bank in feet

Date	Dionis 1	Dionis 2	Change
8/27/22	20	40	0
11/7/22	19	39	-1
12/15/22	19	39	0
1/24/23	18	38	-1
2/9/23 *	18	38	0
3/20/23*	18	38	0
Total loss since 8/27/22			-2

(* = storm measurement)

CODFISH PARK SHORELINE CHANGE DATA

Table 6. Codfish Park distance to edge of coastal dune in feet

Date	CP1	CP2	Change
8/27/22	20	40	0
11/7/22	20	40	0
12/20/22	20	40	0
12/27/22 *	20	40	0
1/24/23	20	40	0
2/9/23 *	20	40	0
3/20/23*	20	40	0
Total loss since 8/27/22			0

(* = storm measurement)

TOM NEVERS SHORELINE CHANGE DATA

Table 7. Tom Nevers distance to edge of coastal bank in feet

Date	TN1	TN2	Change
11/30/21	20	40	0
12/29/21	20	40	0
1/30/22	20	40	0
2/22/22	20	40	0
8/26/22	20	40	0
11/7/22	20	40	0
12/20/22	20	40	0
1/25/23	20	40	0
2/9/23 *	20	40	0
3/20/23*	20	40	0
Total loss since 11/30/21			0

(* = storm measurement)

HUMMOCK POND SHORELINE CHANGE DATA

Table 8. Hummock Pond distance to edge of coastal bank in feet

Date	HP1	HP2	Change
11/7/22	20	40	0
12/20/22	19	39	-1
12/27/22 *	19	39	0
1/24/23	19	39	0
2/9/23 *	19	39	0
3/20/23*	16	36	-3
Total loss since 8/27/22			-4

(* = storm measurement)

