

# 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
7/24/23	Gone	Gone (vandalism)	25	35	55	-4
9/14/23	Gone	Gone (vandalism)	17	27	47	-8
9/18/23*	Gone	Gone	Overwash			
<b>Total Loss Since 12/8/21</b>						<b>-53</b>

(\* = 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
9/14/23	Gone	Gone	71	0
9/18/23*	Gone	Gone	65	-6
<b>Total loss since 12/8/21</b>				<b>-55</b>

(\* = storm measurement)

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

Date	Sewer C1	Sewer C2	Sewer C3	Change
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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
9/14/23	Gone	8	29	0
9/18/23*	Gone	8	29	0
<b>Total loss since 12/8/21</b>				<b>-30</b>

(\* = 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
3/29/23	17	37	0
7/24/23	17	37	0
8/30/23	17	37	0
9/14/23	17	37	0
9/18/23*	17	37	0
<b>Total loss since 2/2/22</b>			<b>-3</b>

(\* = storm measurement)

Table 2b. (old) MB distance to edge of coastal bank in feet. Abandoned due to vandalism. See Table 2c for new MB measurements.

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

<b>12/27/22 *</b>	Gone	14	-4
<b>1/24/23</b>	Gone	14	0
<b>2/9/23 *</b>	Gone	13	-1
<b>3/29/23</b>	Gone	13	0
<b>7/24/23</b>	Gone	11	-2
<b>9/14/23</b>	Gone	Gone (vandalism)	0
<b>Total loss since 2/2/22</b>			<b>-49</b>

(\* = storm measurement)

**Table 2c. MB distance to edge of coastal dune in feet**

Date	Madaket B2	Change
<b>9/14/23</b>	20	0
<b>9/18/23*</b>	20	0
<b>Total loss since 2/2/22</b>		<b>0</b>

(\* = 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
<b>11/30/21</b>	20	40	60	0
<b>12/29/21</b>	20	40	60	0
<b>1/30/22</b>	19	39	59	-1
<b>2/22/22</b>	19	39	59	0
<b>8/26/22</b>	17	37	57	-2
<b>11/7/22</b>	16	36	56	-1
<b>12/20/22</b>	16	36	56	0
<b>1/25/23</b>	16	36	56	0
<b>2/9/23 *</b>	16	36	56	0
<b>3/29/23</b>	16	36	56	0
<b>7/24/23</b>	Gone (vandalized)			
<b>9/14/23</b>	Gone			
<b>9/18/23</b>	Gone			
<b>Total loss since 11/30/21</b>				<b>-4</b>

(\* = 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	-1
2/9/23 *	19	0	18	0	15	0
3/29/23	19	0	18	0	15	0
7/24/23	19	0	18	0	15	0
9/14/23	19	0	17	-1	Gone	
9/18/23*	19	0	17	0	Gone	
<b>Total loss since 11/30/22</b>						<b>-3</b>

(\* = 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
7/24/23	18	38	0
9/14/23	18	38	0
9/18/23*	18	38	0
<b>Total loss since 8/27/22</b>			<b>-2</b>

(\* = 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
7/24/23	20	40	0
9/14/23	20	40	0
9/18/23*	20	40	0
<b>Total loss since 8/27/22</b>			<b>0</b>

(\* = 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
7/24/23	20	40	0
9/14/23	20	40	0
9/18/23*	20	40	0
<b>Total loss since 11/30/21</b>			<b>0</b>

(\* = 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
7/24/23	13	33	-3
9/14/23	13	33	0
9/18/23*	13	33	0
<b>Total loss since 8/27/22</b>			<b>-7</b>

(\* = storm measurement)