

Water-Data Report 2007

413758070320501 ASHUMET POND NEAR FALMOUTH, MA

Massachusetts-Rhode Island Coastal Basin
Cape Cod Subbasin

LOCATION.--Lat 41°38'02", long 70°32'26" referenced to North American Datum of 1927, Barnstable County, MA, Hydrologic Unit 01090002, on western shore of Ashumet Pond, about 50 ft south of boat ramp near Falmouth.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Daily mean elevation, June 2002 to current year. Prior to June 2002, monthly or twice-monthly measurements from December 1972 to January 2002 (winter periods not measured; data not published but available in NWIS database only).

GAGE.--Water stage recorder in standpipe with siphon-tube connection to Ashumet Pond. Datum of gage is zero ft above National Geodetic Vertical Datum of 1929.

COOPERATION.-- Air Force Center for Engineering and the Environment.

REMARKS.--Records are generally good. Periods of missing record are due to equipment malfunction and are not estimated.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 46.38 ft, May 21, 2007, minimum, 41.61 ft, Nov. 2, 4, 5, 6, 2002. Maximum and minimum elevations are for periods of recorded data and may have been higher or lower during periods of missing record.

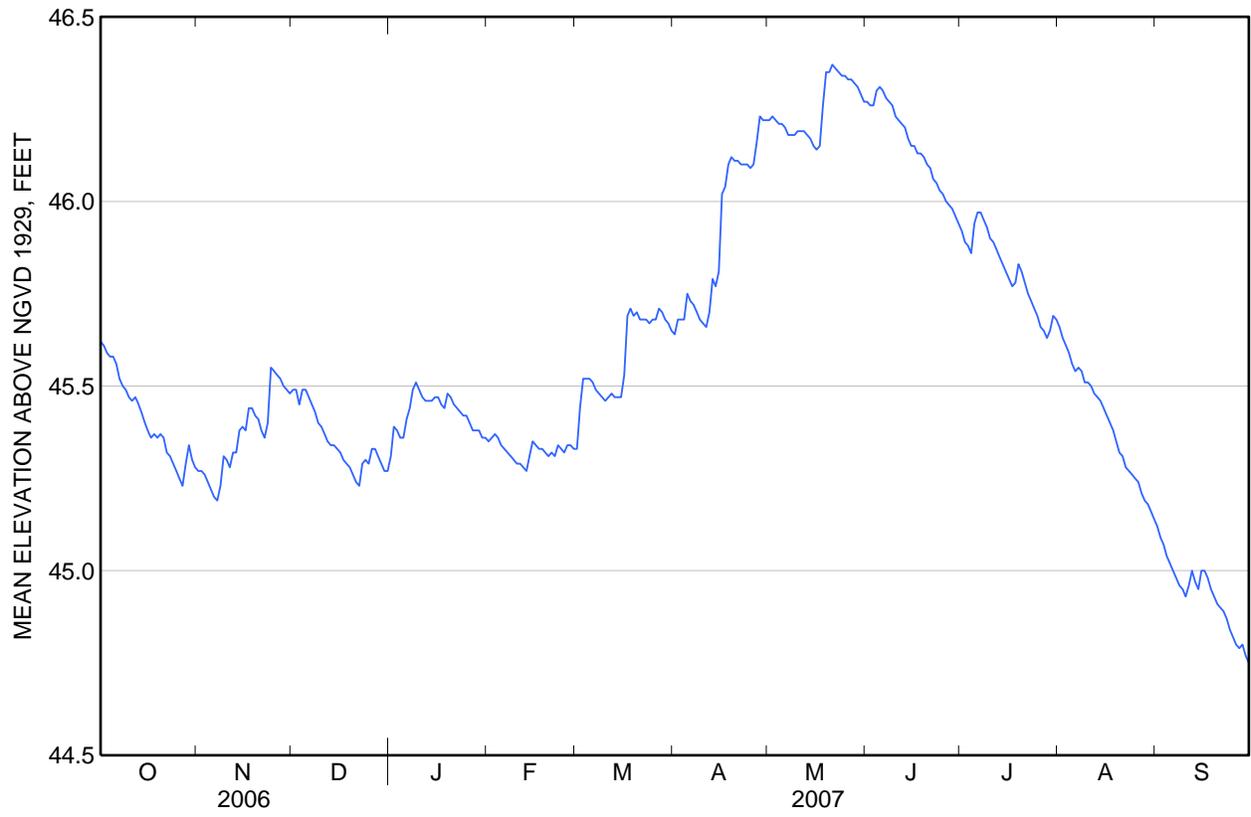
EXTREMES FOR CURRENT YEAR.--Maximum elevation, 46.38 ft, May 21, 2007; minimum, 44.74 ft, Sept. 30, 2007. Maximum and minimum elevations are for periods of recorded data and may have been higher or lower during periods of missing record.

413758070320501 ASHUMET POND NEAR FALMOUTH, MA—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	45.62	45.27	45.49	45.31	45.35	45.33	45.64	46.22	46.27	45.92	45.66	45.12
2	45.61	45.27	45.49	45.39	45.36	45.44	45.68	46.23	46.26	45.89	45.63	45.09
3	45.59	45.26	45.45	45.38	45.37	45.52	45.68	46.22	46.26	45.88	45.61	45.07
4	45.58	45.24	45.49	45.36	45.36	45.52	45.68	46.21	46.30	45.86	45.59	45.04
5	45.58	45.22	45.49	45.36	45.34	45.52	45.75	46.21	46.31	45.94	45.56	45.02
6	45.56	45.20	45.47	45.41	45.33	45.51	45.73	46.20	46.30	45.97	45.54	45.00
7	45.52	45.19	45.45	45.44	45.32	45.49	45.72	46.18	46.28	45.97	45.55	44.98
8	45.50	45.23	45.43	45.49	45.31	45.48	45.70	46.18	46.27	45.95	45.54	44.96
9	45.49	45.31	45.40	45.51	45.30	45.47	45.68	46.18	46.26	45.93	45.51	44.95
10	45.47	45.30	45.39	45.49	45.29	45.46	45.67	46.19	46.23	45.90	45.51	44.93
11	45.46	45.28	45.37	45.47	45.29	45.47	45.66	46.19	46.22	45.89	45.50	44.96
12	45.47	45.32	45.35	45.46	45.28	45.48	45.70	46.19	46.21	45.87	45.48	45.00
13	45.45	45.32	45.34	45.46	45.27	45.47	45.79	46.18	46.20	45.85	45.47	44.97
14	45.43	45.38	45.34	45.46	45.31	45.47	45.77	46.17	46.17	45.83	45.46	44.95
15	45.40	45.39	45.33	45.47	45.35	45.47	45.81	46.15	46.15	45.81	45.44	45.00
16	45.38	45.38	45.32	45.47	45.34	45.53	46.02	46.14	46.15	45.79	45.42	45.00
17	45.36	45.44	45.30	45.45	45.33	45.69	46.04	46.15	46.13	45.77	45.40	44.98
18	45.37	45.44	45.29	45.44	45.33	45.71	46.10	46.26	46.13	45.78	45.38	44.95
19	45.36	45.42	45.28	45.48	45.32	45.69	46.12	46.35	46.12	45.83	45.35	44.93
20	45.37	45.41	45.26	45.47	45.31	45.70	46.11	46.35	46.10	45.81	45.32	44.91
21	45.36	45.38	45.24	45.45	45.32	45.68	46.11	46.37	46.09	45.78	45.31	44.90
22	45.32	45.36	45.23	45.44	45.31	45.68	46.10	46.36	46.06	45.75	45.28	44.89
23	45.31	45.40	45.29	45.43	45.34	45.68	46.10	46.35	46.05	45.73	45.27	44.87
24	45.29	45.55	45.30	45.42	45.33	45.67	46.10	46.34	46.03	45.71	45.26	44.84
25	45.27	45.54	45.29	45.42	45.32	45.68	46.09	46.34	46.02	45.69	45.25	44.82
26	45.25	45.53	45.33	45.40	45.34	45.68	46.10	46.33	46.00	45.66	45.24	44.80
27	45.23	45.52	45.33	45.38	45.34	45.71	46.16	46.33	45.99	45.65	45.21	44.79
28	45.29	45.50	45.31	45.38	45.33	45.70	46.23	46.32	45.98	45.63	45.19	44.80
29	45.34	45.49	45.29	45.38	---	45.68	46.22	46.31	45.96	45.65	45.18	44.77
30	45.30	45.48	45.27	45.36	---	45.67	46.22	46.29	45.94	45.69	45.16	44.75
31	45.28	---	45.27	45.36	---	45.65	---	46.27	---	45.68	45.14	---
Mean	45.41	45.37	45.35	45.43	45.32	45.58	45.92	46.25	46.15	45.81	45.40	44.93

413758070320501 ASHUMET POND NEAR FALMOUTH, MA—Continued

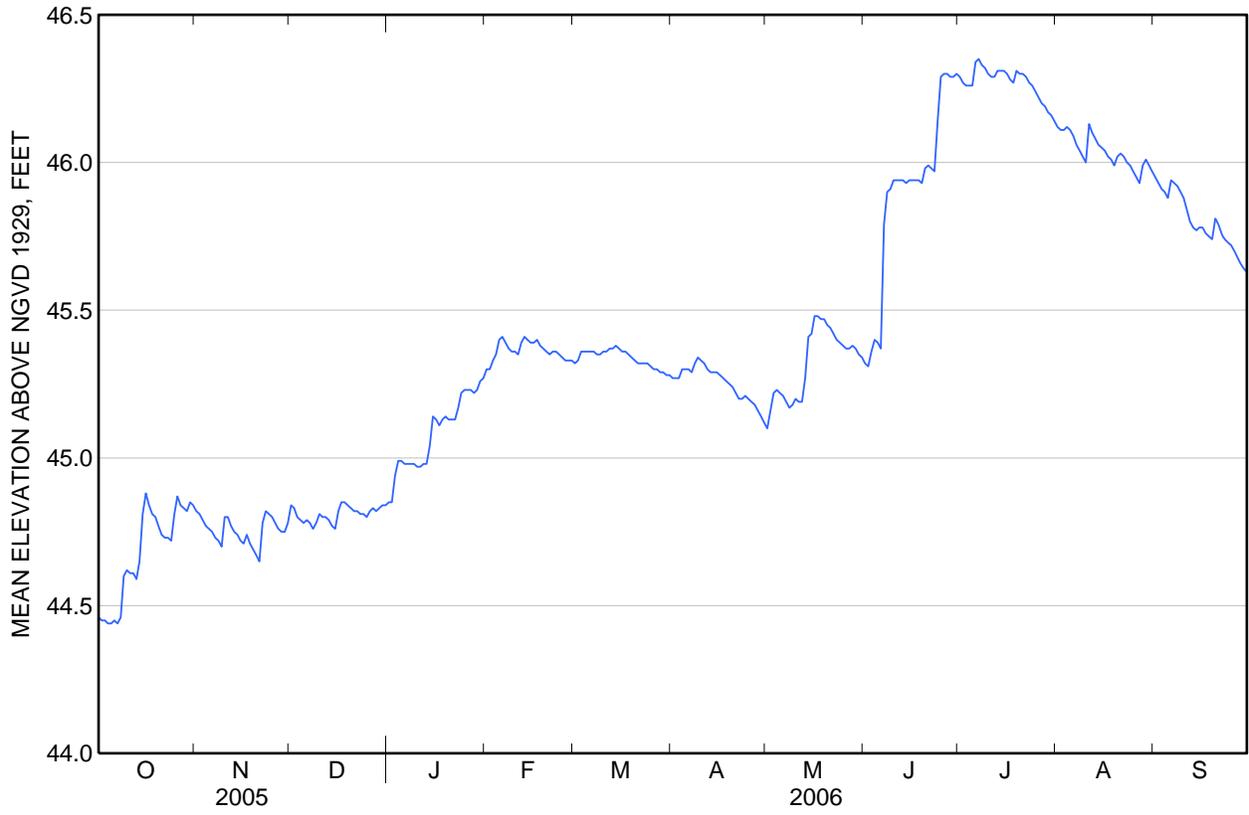


413758070320501 ASHUMET POND NEAR FALMOUTH, MA—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	44.46	44.82	44.84	44.85	45.30	45.32	45.27	45.10	45.32	46.29	46.12	45.95
2	44.45	44.81	44.83	44.85	45.30	45.33	45.27	45.16	45.31	46.27	46.11	45.93
3	44.45	44.79	44.80	44.94	45.33	45.36	45.27	45.22	45.36	46.26	46.11	45.91
4	44.44	44.77	44.79	44.99	45.35	45.36	45.30	45.23	45.40	46.26	46.12	45.90
5	44.44	44.76	44.78	44.99	45.40	45.36	45.30	45.22	45.39	46.26	46.11	45.88
6	44.45	44.75	44.79	44.98	45.41	45.36	45.30	45.21	45.37	46.34	46.09	45.94
7	44.44	44.73	44.78	44.98	45.39	45.36	45.29	45.19	45.79	46.35	46.06	45.93
8	44.46	44.72	44.76	44.98	45.37	45.35	45.32	45.17	45.90	46.33	46.04	45.92
9	44.60	44.70	44.78	44.98	45.36	45.35	45.34	45.18	45.91	46.32	46.02	45.90
10	44.62	44.80	44.81	44.97	45.36	45.36	45.33	45.20	45.94	46.30	46.00	45.88
11	44.61	44.80	44.80	44.97	45.35	45.36	45.32	45.19	45.94	46.29	46.13	45.84
12	44.61	44.77	44.80	44.98	45.39	45.37	45.30	45.19	45.94	46.29	46.10	45.80
13	44.59	44.75	44.79	44.98	45.41	45.37	45.29	45.27	45.94	46.31	46.08	45.78
14	44.65	44.74	44.77	45.04	45.40	45.38	45.29	45.41	45.93	46.31	46.06	45.77
15	44.81	44.72	44.76	45.14	45.39	45.37	45.29	45.42	45.94	46.31	46.05	45.78
16	44.88	44.71	44.82	45.13	45.39	45.36	45.28	45.48	45.94	46.30	46.04	45.78
17	44.84	44.74	44.85	45.11	45.40	45.36	45.27	45.48	45.94	46.28	46.02	45.76
18	44.81	44.71	44.85	45.13	45.38	45.35	45.26	45.47	45.94	46.27	46.01	45.75
19	44.80	44.69	44.84	45.14	45.37	45.34	45.25	45.47	45.93	46.31	45.99	45.74
20	44.77	44.67	44.83	45.13	45.36	45.33	45.24	45.45	45.98	46.30	46.02	45.81
21	44.74	44.65	44.82	45.13	45.35	45.32	45.22	45.44	45.99	46.30	46.03	45.79
22	44.73	44.78	44.82	45.13	45.36	45.32	45.20	45.42	45.98	46.29	46.02	45.76
23	44.73	44.82	44.81	45.17	45.36	45.32	45.20	45.40	45.97	46.27	46.00	45.74
24	44.72	44.81	44.81	45.22	45.35	45.32	45.21	45.39	46.14	46.26	45.99	45.73
25	44.81	44.80	44.80	45.23	45.34	45.31	45.20	45.38	46.29	46.24	45.97	45.72
26	44.87	44.78	44.82	45.23	45.33	45.30	45.19	45.37	46.30	46.22	45.95	45.70
27	44.84	44.76	44.83	45.23	45.33	45.30	45.18	45.37	46.30	46.20	45.93	45.68
28	44.83	44.75	44.82	45.22	45.33	45.29	45.16	45.38	46.29	46.19	45.99	45.66
29	44.82	44.75	44.83	45.23	---	45.29	45.14	45.37	46.29	46.17	46.01	45.64
30	44.85	44.78	44.84	45.26	---	45.28	45.12	45.35	46.30	46.16	45.99	45.63
31	44.84	---	44.84	45.27	---	45.28	---	45.34	---	46.14	45.97	---
Mean	44.68	44.75	44.81	45.08	45.36	45.34	45.25	45.32	45.90	46.27	46.04	45.80

413758070320501 ASHUMET POND NEAR FALMOUTH, MA—Continued

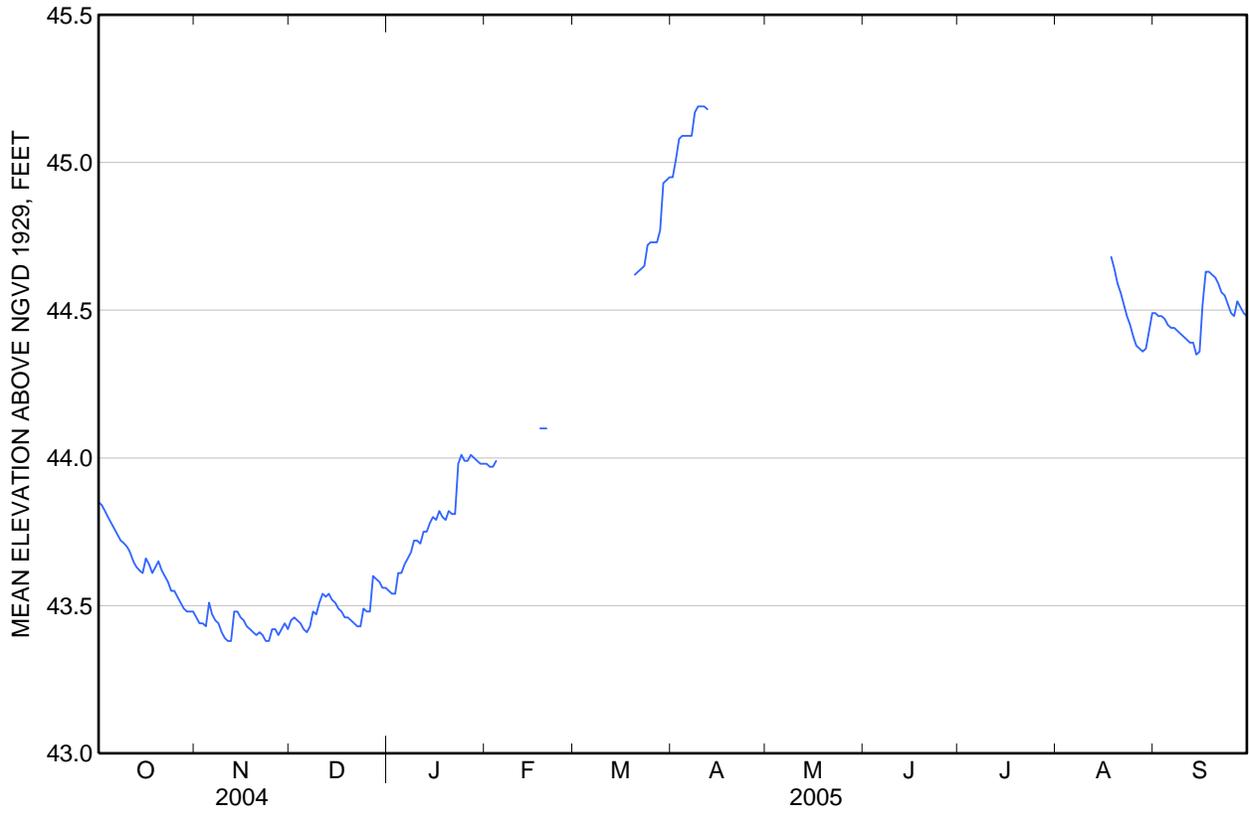


413758070320501 ASHUMET POND NEAR FALMOUTH, MA—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	43.85	43.46	43.45	43.55	43.98	---	44.95	---	---	---	---	44.49
2	43.84	43.44	43.46	43.54	43.97	---	45.01	---	---	---	---	44.48
3	43.82	43.44	43.45	43.54	43.97	---	45.08	---	---	---	---	44.48
4	43.80	43.43	43.44	43.61	43.99	---	45.09	---	---	---	---	44.47
5	43.78	43.51	43.42	43.61	---	---	45.09	---	---	---	---	44.45
6	43.76	43.47	43.41	43.64	---	---	45.09	---	---	---	---	44.44
7	43.74	43.45	43.43	43.66	---	---	45.09	---	---	---	---	44.44
8	43.72	43.44	43.48	43.68	---	---	45.17	---	---	---	---	44.43
9	43.71	43.41	43.47	43.72	---	---	45.19	---	---	---	---	44.42
10	43.70	43.39	43.51	43.72	---	---	45.19	---	---	---	---	44.41
11	43.68	43.38	43.54	43.71	---	---	45.19	---	---	---	---	44.40
12	43.65	43.38	43.53	43.75	---	---	45.18	---	---	---	---	44.39
13	43.63	43.48	43.54	43.75	---	---	---	---	---	---	---	44.39
14	43.62	43.48	43.52	43.78	---	---	---	---	---	---	---	44.35
15	43.61	43.46	43.51	43.80	---	---	---	---	---	---	---	44.36
16	43.66	43.45	43.49	43.79	---	---	---	---	---	---	---	44.52
17	43.64	43.43	43.48	43.82	---	---	---	---	---	---	---	44.63
18	43.61	43.42	43.46	43.80	44.10	---	---	---	---	---	44.68	44.63
19	43.63	43.41	43.46	43.79	44.10	---	---	---	---	---	44.64	44.62
20	43.65	43.40	43.45	43.82	44.10	44.62	---	---	---	---	44.59	44.61
21	43.62	43.41	43.44	43.81	---	44.63	---	---	---	---	44.56	44.59
22	43.60	43.40	43.43	43.81	---	44.64	---	---	---	---	44.52	44.56
23	43.58	43.38	43.43	43.98	---	44.65	---	---	---	---	44.48	44.55
24	43.55	43.38	43.49	44.01	---	44.72	---	---	---	---	44.45	44.52
25	43.55	43.42	43.48	43.99	---	44.73	---	---	---	---	44.41	44.49
26	43.53	43.42	43.48	43.99	---	44.73	---	---	---	---	44.38	44.48
27	43.51	43.40	43.60	44.01	---	44.73	---	---	---	---	44.37	44.53
28	43.49	43.42	43.59	44.00	---	44.77	---	---	---	---	44.36	44.51
29	43.48	43.44	43.58	43.99	---	44.93	---	---	---	---	44.37	44.49
30	43.48	43.42	43.56	43.98	---	44.94	---	---	---	---	44.43	44.48
31	43.48	---	43.56	43.98	---	44.95	---	---	---	---	44.49	---
Mean	43.64	43.43	43.49	43.79	---	---	---	---	---	---	---	44.49

413758070320501 ASHUMET POND NEAR FALMOUTH, MA—Continued

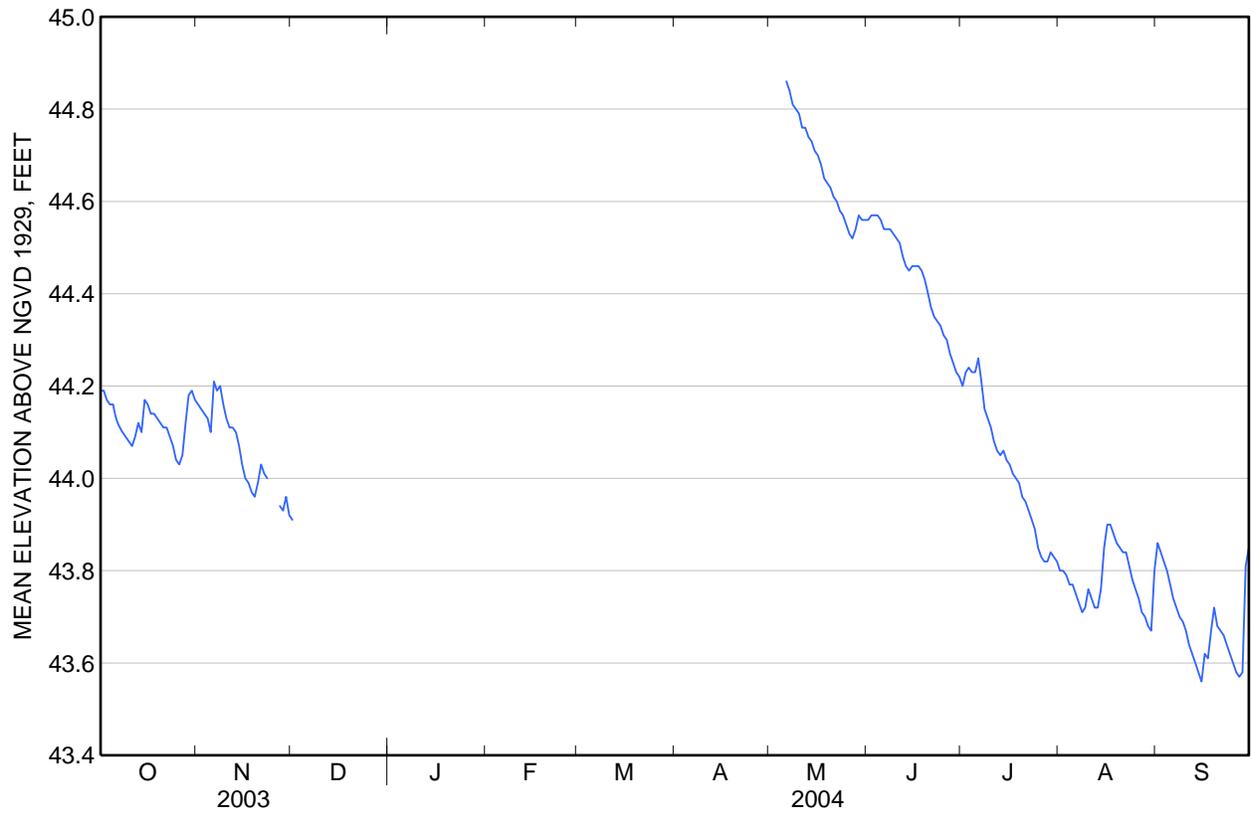


413758070320501 ASHUMET POND NEAR FALMOUTH, MA—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	44.19	44.16	43.91	---	---	---	---	---	44.56	44.20	43.80	43.86
2	44.19	44.15	---	---	---	---	---	---	44.57	44.23	43.80	43.84
3	44.17	44.14	---	---	---	---	---	---	44.57	44.24	43.79	43.82
4	44.16	44.13	---	---	---	---	---	---	44.57	44.23	43.77	43.80
5	44.16	44.10	---	---	---	---	---	---	44.56	44.23	43.77	43.77
6	44.13	44.21	---	---	---	---	---	44.86	44.54	44.26	43.75	43.74
7	44.11	44.19	---	---	---	---	---	44.84	44.54	44.21	43.73	43.72
8	44.10	44.20	---	---	---	---	---	44.81	44.54	44.15	43.71	43.70
9	44.09	44.16	---	---	---	---	---	44.80	44.53	44.13	43.72	43.69
10	44.08	44.13	---	---	---	---	---	44.79	44.52	44.11	43.76	43.67
11	44.07	44.11	---	---	---	---	---	44.76	44.51	44.08	43.74	43.64
12	44.09	44.11	---	---	---	---	---	44.76	44.48	44.06	43.72	43.62
13	44.12	44.10	---	---	---	---	---	44.74	44.46	44.05	43.72	43.60
14	44.10	44.07	---	---	---	---	---	44.73	44.45	44.06	43.76	43.58
15	44.17	44.03	---	---	---	---	---	44.71	44.46	44.04	43.85	43.56
16	44.16	44.00	---	---	---	---	---	44.70	44.46	44.03	43.90	43.62
17	44.14	43.99	---	---	---	---	---	44.68	44.46	44.01	43.90	43.61
18	44.14	43.97	---	---	---	---	---	44.65	44.45	44.00	43.88	43.67
19	44.13	43.96	---	---	---	---	---	44.64	44.43	43.99	43.86	43.72
20	44.12	43.99	---	---	---	---	---	44.63	44.40	43.96	43.85	43.68
21	44.11	44.03	---	---	---	---	---	44.61	44.37	43.95	43.84	43.67
22	44.11	44.01	---	---	---	---	---	44.60	44.35	43.93	43.84	43.66
23	44.09	44.00	---	---	---	---	---	44.58	44.34	43.91	43.81	43.64
24	44.07	---	---	---	---	---	---	44.57	44.33	43.89	43.78	43.62
25	44.04	---	---	---	---	---	---	44.55	44.31	43.85	43.76	43.60
26	44.03	---	---	---	---	---	---	44.53	44.30	43.83	43.74	43.58
27	44.05	43.94	---	---	---	---	---	44.52	44.27	43.82	43.71	43.57
28	44.12	43.93	---	---	---	---	---	44.54	44.25	43.82	43.70	43.58
29	44.18	43.96	---	---	---	---	---	44.57	44.23	43.84	43.68	43.81
30	44.19	43.92	---	---	---	---	---	44.56	44.22	43.83	43.67	43.85
31	44.17	---	---	---	---	---	---	44.56	---	43.82	43.80	---
Mean	44.12	---	---	---	---	---	---	---	44.43	44.02	43.78	43.68

413758070320501 ASHUMET POND NEAR FALMOUTH, MA—Continued

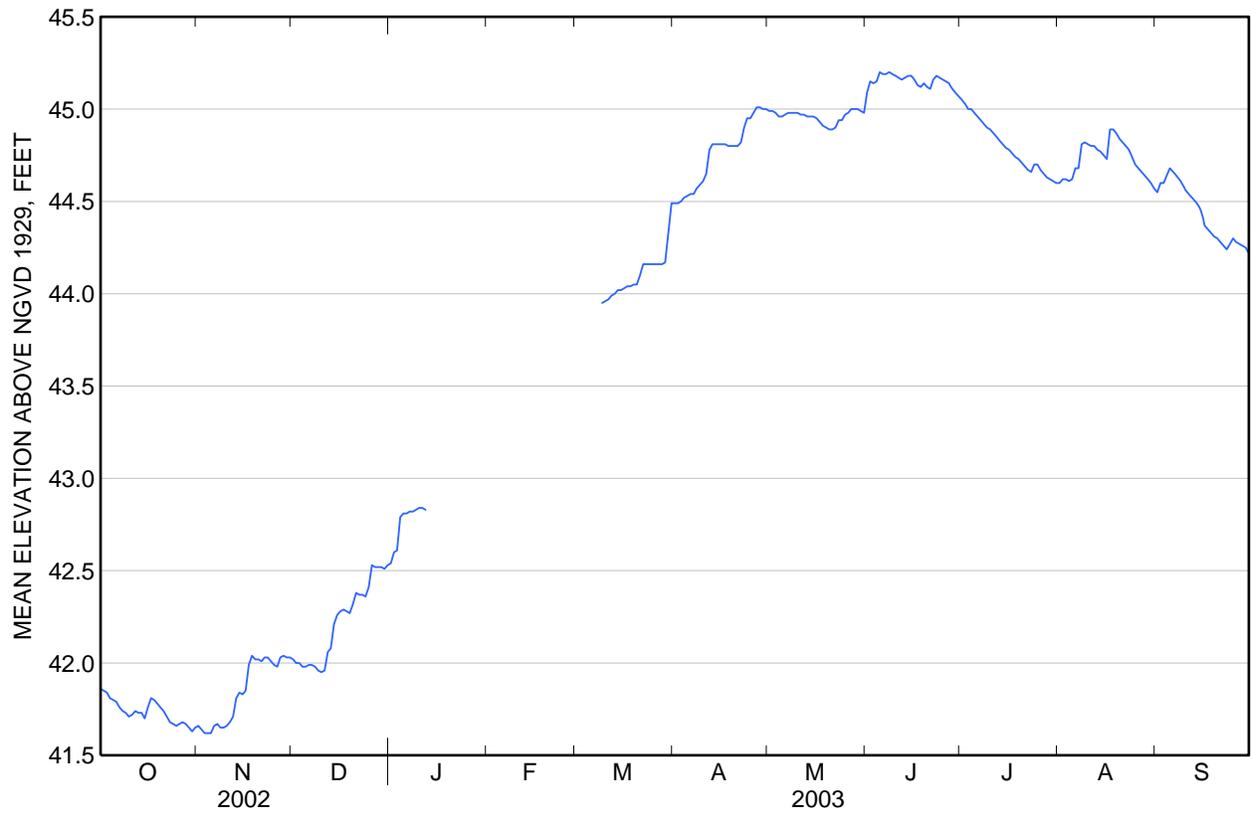


413758070320501 ASHUMET POND NEAR FALMOUTH, MA—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	41.86	41.66	42.02	42.54	---	---	44.49	44.99	45.09	45.05	44.60	44.55
2	41.85	41.64	42.00	42.60	---	---	44.49	44.99	45.15	45.03	44.62	44.60
3	41.84	41.62	42.00	42.61	---	---	44.50	44.98	45.14	45.00	44.62	44.60
4	41.81	41.62	41.98	42.79	---	---	44.52	44.96	45.15	45.00	44.61	44.64
5	41.80	41.62	41.98	42.81	---	---	44.53	44.96	45.20	44.98	44.62	44.68
6	41.79	41.66	41.99	42.81	---	---	44.54	44.97	45.19	44.96	44.68	44.66
7	41.76	41.67	41.99	42.82	---	---	44.54	44.98	45.19	44.94	44.68	44.64
8	41.74	41.65	41.98	42.82	---	---	44.57	44.98	45.20	44.92	44.81	44.62
9	41.73	41.65	41.96	42.83	---	43.95	44.59	44.98	45.19	44.90	44.82	44.59
10	41.71	41.66	41.95	42.84	---	43.96	44.61	44.98	45.18	44.89	44.81	44.56
11	41.72	41.68	41.96	42.84	---	43.97	44.65	44.97	45.17	44.87	44.80	44.54
12	41.74	41.71	42.06	42.83	---	43.99	44.78	44.97	45.16	44.85	44.80	44.52
13	41.73	41.81	42.08	---	---	44.00	44.81	44.96	45.17	44.83	44.78	44.50
14	41.73	41.84	42.21	---	---	44.02	44.81	44.96	45.18	44.81	44.77	44.48
15	41.70	41.83	42.26	---	---	44.02	44.81	44.96	45.18	44.79	44.75	44.44
16	41.76	41.85	42.28	---	---	44.03	44.81	44.95	45.16	44.78	44.73	44.37
17	41.81	41.99	42.29	---	---	44.04	44.81	44.93	45.13	44.76	44.89	44.35
18	41.80	42.04	42.28	---	---	44.04	44.80	44.91	45.12	44.74	44.89	44.33
19	41.78	42.02	42.27	---	---	44.05	44.80	44.90	45.14	44.73	44.87	44.31
20	41.76	42.02	42.32	---	---	44.05	44.80	44.89	45.12	44.71	44.84	44.30
21	41.74	42.01	42.38	---	---	44.10	44.80	44.89	45.11	44.69	44.82	44.28
22	41.71	42.03	42.37	---	---	44.16	44.82	44.90	45.16	44.67	44.80	44.26
23	41.68	42.03	42.37	---	---	44.16	44.90	44.94	45.18	44.66	44.78	44.24
24	41.67	42.01	42.36	---	---	44.16	44.95	44.94	45.17	44.70	44.74	44.27
25	41.66	41.99	42.41	---	---	44.16	44.95	44.97	45.16	44.70	44.70	44.30
26	41.67	41.98	42.53	---	---	44.16	44.98	44.98	45.15	44.67	44.68	44.28
27	41.68	42.03	42.52	---	---	44.16	45.01	45.00	45.14	44.65	44.66	44.27
28	41.67	42.04	42.52	---	---	44.16	45.01	45.00	45.11	44.63	44.64	44.26
29	41.65	42.03	42.52	---	---	44.17	45.00	45.00	45.09	44.62	44.62	44.25
30	41.63	42.03	42.51	---	---	44.33	45.00	44.99	45.07	44.61	44.60	44.22
31	41.65	---	42.53	---	---	44.49	---	44.98	---	44.60	44.57	---
Mean	41.74	41.85	42.22	---	---	---	44.76	44.96	45.15	44.80	44.73	44.43

413758070320501 ASHUMET POND NEAR FALMOUTH, MA—Continued



413758070320501 ASHUMET POND NEAR FALMOUTH, MA—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	42.40	42.02	41.77
2	---	---	---	44.82	---	---	---	---	---	42.38	42.01	41.80
3	---	---	---	---	---	---	---	---	---	42.37	42.00	41.88
4	---	---	---	---	---	---	---	---	---	42.36	41.98	41.88
5	---	---	---	---	---	---	---	---	---	42.33	41.99	41.87
6	---	---	---	---	---	---	---	---	---	42.29	41.98	41.85
7	---	---	---	---	---	---	---	---	---	42.28	41.94	41.84
8	---	---	---	---	---	---	---	---	---	42.27	41.92	41.82
9	---	---	---	---	---	---	---	---	---	42.25	41.90	41.81
10	---	---	---	---	---	---	---	---	---	42.24	41.89	41.80
11	---	---	---	---	---	---	---	---	---	42.22	41.87	41.78
12	---	---	---	---	---	---	---	---	---	42.20	41.86	41.74
13	---	---	---	---	---	---	---	---	---	42.19	41.86	41.72
14	---	---	---	---	---	---	---	---	---	42.18	41.84	41.70
15	---	---	---	---	---	---	---	---	---	42.17	41.83	41.69
16	---	---	---	---	---	---	---	---	---	42.16	41.82	41.73
17	---	---	---	---	---	---	---	---	---	42.15	41.81	41.74
18	---	---	---	---	---	---	---	---	---	42.14	41.80	41.73
19	---	---	---	---	---	---	---	---	---	42.13	41.79	41.71
20	---	---	---	---	---	---	---	---	42.55	42.12	41.78	---
21	---	---	---	---	---	---	---	---	42.54	42.10	41.76	---
22	---	---	---	---	---	---	---	---	42.53	42.09	41.74	41.68
23	---	---	---	---	---	---	---	---	42.52	42.08	41.72	41.81
24	---	---	---	---	---	---	---	---	42.51	42.07	41.70	41.88
25	---	---	---	---	---	---	---	---	42.49	42.05	41.69	41.87
26	---	---	---	---	---	---	---	---	42.48	42.03	41.69	41.86
27	---	---	---	---	---	---	---	---	42.47	42.02	41.67	41.90
28	---	---	---	---	---	---	---	---	42.45	42.01	41.66	41.91
29	---	---	---	45.51	---	---	---	---	42.44	42.04	41.66	41.89
30	---	---	---	---	---	---	---	---	42.42	42.03	41.80	41.87
31	---	---	---	---	---	---	---	---	---	42.02	41.79	---
Mean	---	---	---	---	---	---	---	---	---	42.17	41.83	---

413758070320501 ASHUMET POND NEAR FALMOUTH, MA—Continued

