

Lake Massapoag Water Level
2015 Lake Water Levels on Specific Days and Comparison to Historical Measurements

Date	2015 Level (feet)	2015 Comparison to Median ^a (feet)	2015 Comparison to Minimum ^a (feet)
15-May	10.2	-0.3	0.16
1-Jun	10.19	-0.31	0.07
15-Jun	10.12	-0.23	-0.01
1-Jul	9.97	-0.31	0.07
15-Jul	9.78	-0.42	-0.04
1-Aug	9.4	-0.59	-0.04
15-Aug	9.26	-0.58	-0.09
1-Sep	9.1	-0.5	0
15-Sep	8.85	-0.59	-0.03
1-Oct	8.9	-0.48	-0.05
Today (5-Nov)	8.79		

1996 to 2013 Levels (feet)		
Average	Median	Minimum
10.58	10.5	10.04
10.43	10.5	10.12
10.48	10.35	10.13
10.34	10.28	9.9
10.15	10.2	9.82
9.94	9.99	9.44
9.84	9.84	9.35
9.64	9.6	9.1 ^b
9.4	9.44	8.88
9.49	9.38	8.95

Key

^a = Based on records from 1996 to 2013

^b = interpolated

Discussion

- 1 Started with lake level less than "normal" due to Hammershop Pond issues and really dry May (the driest May in 15 years)
- 2 Lake level downward trend from May to beginning of July is similar to previous years, though only a minimum flow was leaving lake
- 3 Lake level downward trend increased in July (the driest July in the last 5 years)
- 4 Since August, the lake level downward trend is again similar to previous years, though again only minimum flow was leaving lake
- 5 Today's lake level is the same as the lake level on November 5, 2014. A difference is that last year the lake rose between October 1 and November 5 due to rainfall. Last year, we had a wet October, November, and December which allowed the lake level to recover (the lake level in mid December 2014 was 10.2 feet for a short period of time).
- 6 This year, every month since March there has been less than the average monthly precipitation