



Water Supply Update

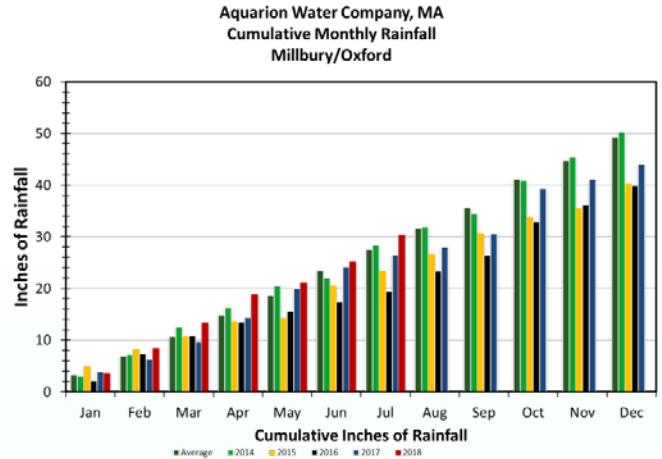
Serving the Community of Millbury

News and Notes

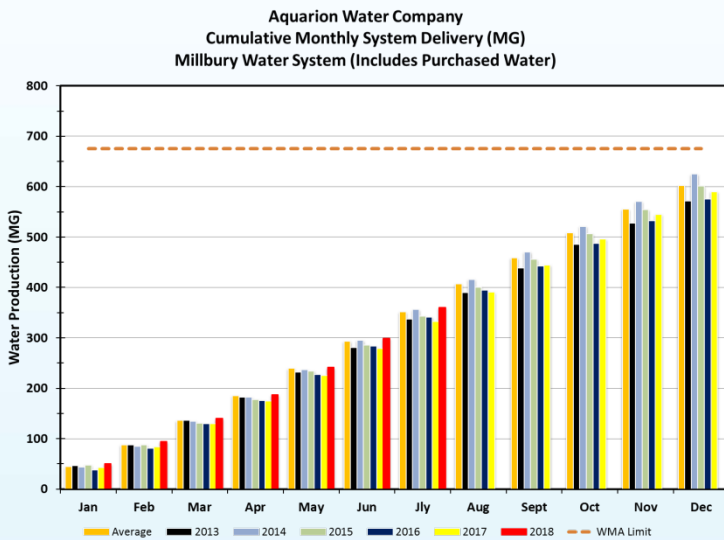
- 💧 We continue to make progress on our Supervisory Control and Data Acquisition (SCADA) system upgrade. One of the remaining tasks that's needs to be completed is programming the communication radios to eliminate all of the remaining telephone based communications. We expect to be finished this fall. The new system will improve the reliability of our facilities, ensuring a continuous flow of high quality water for our customers in Millbury.
- 💧 While conducting our annual leak detection survey of the water mains in our system, we identified and fixed a number of leaks totaling a loss of approximately 86,400 gallons per day.
- 💧 Our customer water conservation program continues to be a great success. Since March 2017, we have completed the replacement of over 470 toilets, 309 shower heads, and 88 faucet aerators in our Millbury customers' homes. The work completed has resulted in water conservation savings of approximately 11,000 gallons per day (approximately 4.02 million gallons per year)! If you have not already had the opportunity to sign up for our customer water conservation program, or tell others about it, please visit our website at www.aquarionwater.com/conservationoffers.
- 💧 We want to thank our customers for participating in the seasonal irrigation system restrictions. The twice a week irrigation restrictions will remain in effect through September 30. The restrictions apply only to irrigation systems and hose-end sprinklers. Customers with odd number street addresses may only water on Tuesdays and Saturdays, and those with even number street addresses may only water on Wednesdays and Sundays. On these assigned days, customers are allowed to water before 9 a.m. and after 6 p.m., when evaporation losses are minimized and more water goes to the plants' roots. For more information on maintaining a health lawn while also conserving water please visit our website: www.aquarionwater.com/watering.
- 💧 From a community outreach perspective, we donated to the Millbury High School Booster Club golf tournament and donated to the Pan-Mass Challenge bicycle fundraiser.

Weather Trends

Precipitation for July 2018 was 5.16 inches, which is 1.03 inches above the historic average precipitation for the month of July. Cumulative precipitation for the year through the month of July is 30.35 inches, which is 2.77 inches above average. Recent precipitation has allowed our aquifer to remain at normal groundwater levels for this time year, and surplus levels at our Millbury Ave. groundwater supply well.



Water Supply and Demand



Water demands for July 2018 were normal for this time of year. The average amount of water delivered to our system to meet demands in July 2018 was 1.98 million gallons per day (MGD). However, the cumulative annual usage for the year through July (1.66 MGD) is greater than average, predominantly due to the number of main breaks from this past winter/spring. We anticipate that water demands and summer usage will remain steady through August, and we are confident that we will be able to meet our customer's needs. Some statistical pumping information

for the month of July 2018 is attached separately to this Water Supply Update.

A leak detection survey of the system was completed in March 2018, and the leaks have been repaired. Customers are encouraged to use water wisely. For helpful water conservation tips, please visit our website at www.aquarionwater.com/conserve.

Aquarion Water Company, MA
Monthly Water Supply Report
Millbury

Month
July
Year
2018

Monthly Supply Pumping Summary

Oak Pond Well	8.87	MG	14.4%
Millbury Ave Well	16.72	MG	27.2%
Jacques Well #1	23.07	MG	37.5%
Jacques Well #2	12.74	MG	20.7%
Worcester (Purchased)	0.08	MG	0.1%
	61.48	MG	100.0%
	1.98	MGD	

Precipitation

Monthly Total (Inches)	5.16
Annual Total (Inches)	30.35

Statistics

Pumping

Maximum Day (MGD)	2.55
Date	07/01/18

Minimum Day (MGD)	1.51
Date	07/24/18

Year to Date

Maximum Day (MGD)	2.62
Date	06/17/18

Average Day (MGD)	1.70
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