

## **Water Supply Update**

*Serving the Community of Millbury*

### *News and Notes*

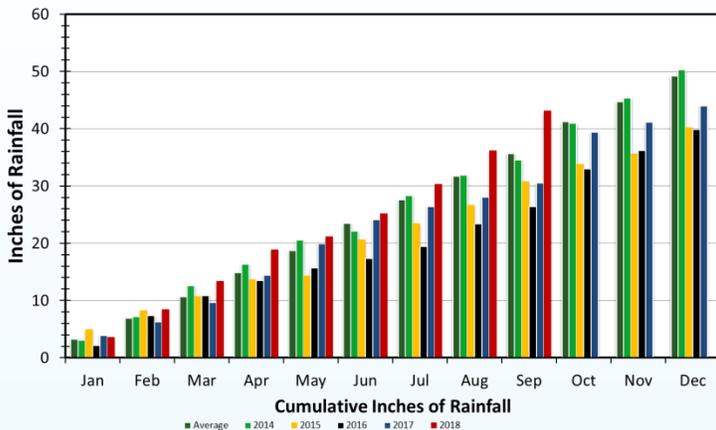
- Our annual fall hydrant maintenance program will begin in November. Each one of our fire hydrants are operated and maintained twice a year to ensure that they are ready for action when they are called upon by the Fire Department. Aquarion works very closely with the Millbury Fire Department, and in fact 3 of Aquarion's staff are volunteers with the Millbury Fire Department.
- We hosted our Customer Advisory Board meeting on September 27<sup>th</sup>. Customers and some Town officials got to hear about our capital improvement projects, both recently completed and planning for the coming year. In addition, our staff showed the Customer Advisory Board how a water supply aquifer works by conducting an aquifer model presentation.



- From a community outreach perspective, we sponsored a tee for the Assumption School Golf Tournament.
- Our customer water conservation program continues to be a great success. Since March 2017, we have completed the replacement of over 540 toilets, 359 shower heads, and 88 faucet aerators in our Millbury customers' homes. The work completed has resulted in water conservation savings of approximately 15,500 gallons per day (approximately 5.7 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](http://www.aquarionwater.com/conservationoffers).

💧 We want to thank our customers for participating in the seasonal irrigation system restrictions. Restrictions for irrigating on designated days twice a week ended on October 1<sup>st</sup>. We wish to extend a sincere thank you to all of our customers who conserved water and helped us to truly be stewards of the environment. For more information on maintaining a healthy lawn while also conserving water please visit our website: [www.aquarionwater.com/watering](http://www.aquarionwater.com/watering).

Aquarion Water Company, MA  
Cumulative Monthly Rainfall  
Millbury/Oxford



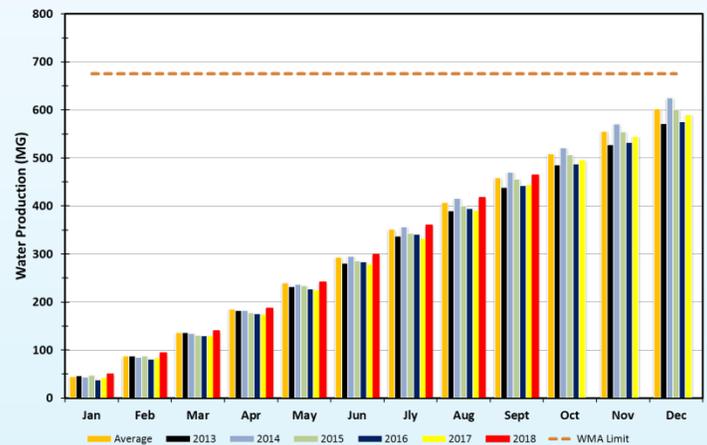
### Weather Trends

Precipitation for September was 6.92 inches, which is 2.92 inches above the historic average precipitation for the month of September. Cumulative precipitation for the year through the month of September is 43.17 inches, which is 7.47 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 September 2018 were normal for this time of year. The average amount of water delivered to our system to meet demands in September 2018 was 1.57 million gallons per day (MGD). The cumulative annual usage for the year through September (1.70 MGD) is slightly greater than average, predominantly due to the number of main breaks from this past winter/spring. We anticipate that water demands will continue to decrease as we proceed into winter. We are confident that we will be able to meet our customer's needs. Some statistical pumping information for the month of September 2018 is attached separately to this Water Supply Update.

Aquarion Water Company  
Cumulative Monthly System Delivery (MG)  
Millbury Water System (Includes Purchased Water)



We will be conducting another leak detection survey next spring, 2019. Customers are reminded to practice water conservation. For helpful water conservation tips, please visit our website:

<http://www.aquarionwater.com/MA/waterconservation>

**Aquarion Water Company, MA  
 Monthly Water Supply Report  
 Millbury**

**Month  
 September**      **Year  
 2018**

**Monthly Supply Pumping Summary**

Millbury Ave Well	17.44	MG	37.0%
Oak Pond Well	0.47	MG	1.0%
Jacques Well #1	22.04	MG	46.8%
Jacques Well #2	7.17	MG	15.2%
Worcester (Purchased)	0.00	MG	0.0%
	47.12	MG	100.0%
	1.57	MGD	

**Precipitation**

Monthly Total (Inches)	6.92
Annual Total (Inches)	43.17

**Statistics**

**Pumping**

Maximum Day (MGD)	1.94
Date	10/03/18

Minimum Day (MGD)	0.86
Date	10/12/18

**Year to Date**

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

Average Day (MGD)	1.70
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