

Water Supply Update

Serving the Community of Oxford

News and Notes

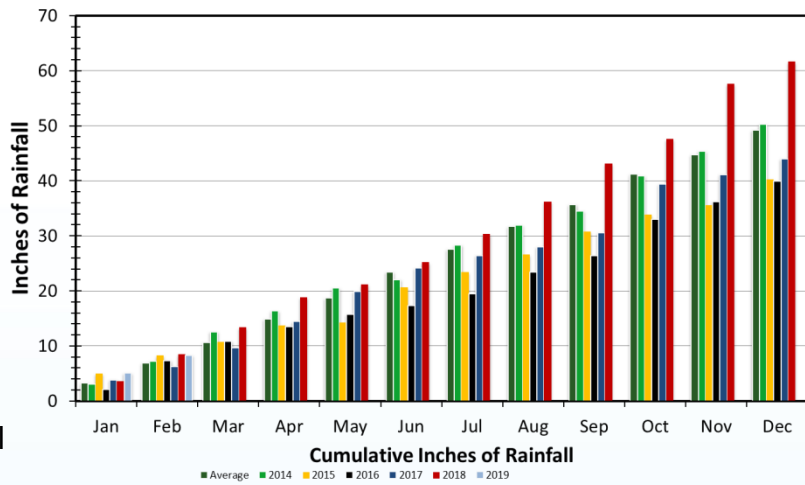
- Although its still winter we are making preparations for our annual spring hydrant maintenance and flushing program. Each one of our fire hydrants is operated and maintained twice a year to ensure that they are ready for action when they are called upon by the Fire Department. Please notify the Aquarion office if there are any fire hydrants used this winter so that we can inspect them to prevent any potential freezing. We have also met with the Oxford Fire Department to coordinate the replacement of the fire hydrant located at the corner of Main Street and Quobaug Avenue.
- We met with the Town and the Department of Public works to put a 3-year plan and schedule together for future water main replacement projects associated with our new Main Replacement Adjustment Mechanism (MRAM) process. We are currently planning work on Leicester Street in 2020 and Main Street in 2021. The scope will include the replacement of water mains, valves, fire hydrants, and water services. We submitted our proposed plan to the Town on February 21, 2019.
- Work on phase 2 of our North Main Street Well evaluation to reduce manganese is underway. We are planning to conduct exploratory test drilling at three potential sites in March or April. In addition, we are planning to conduct a pilot scale treatability study at our N. Main Street Well site this summer. These projects are being undertaken as part of our Corrective Action Plan developed in coordination with the Department of Environmental Protection.
- Improvements to the Sutton Ave Booster Pump Station are nearly complete. All work with the exception of the installation of the high flow pump motor is complete. Work on the two smaller domestic pumps, instrumentation, and roof is complete.
- We have scheduled to meet with our Customer Advisory Board on Wednesday night, March 20th at the Pine Ridge Country Club.
- 2019 year to date we have made two donations to community organizations: the Oxford Community Center Basketball League & Oxford Police Association.



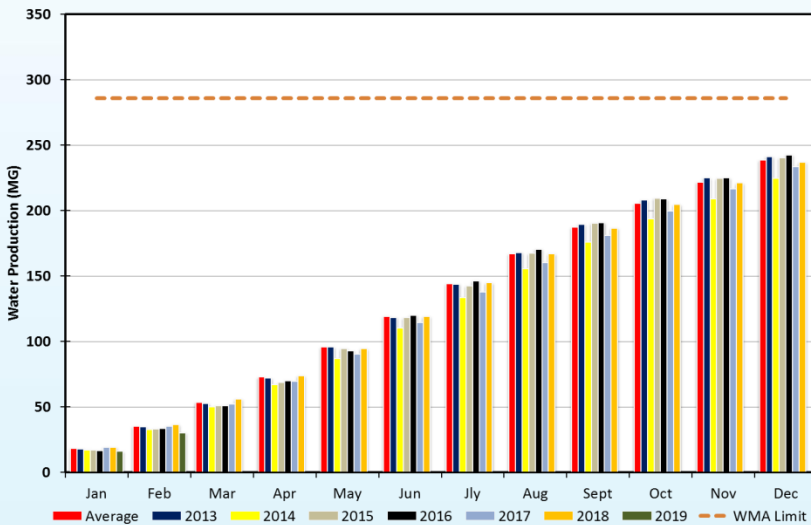
Weather Trends

Precipitation for February was 3.25 inches, which is 0.57 inches below the historic average precipitation for the month of February. Cumulative precipitation for the year through the month of February is 8.33 inches, which is 1.44 inches above the average total at this time of year. The accumulated precipitation last year and this year has allowed our aquifer to remain at above normal groundwater levels for this time year.

**Aquarion Water Company, MA
Cumulative Monthly Rainfall
Millbury/Oxford**



**Aquarion Water Company
Cumulative Monthly System Delivery (MG)
Oxford Water System**



Water Supply and Demand

The average amount of water pumped from our sources to meet demands in February 2019 was 507,000 gallons per day (gpd), which is slightly less than average for this time of year. The cumulative annual usage for the year through February (512,000 gpd) is also less than average (14% lower than historic 10-year average year to date). We anticipate that water demands will begin to increase as we move into the spring. We are confident that we will be able to meet our customer's needs. Some

statistical pumping information for the month of February 2019 is attached separately to this Water Supply Update.

We will be conducting a leak detection survey this spring, beginning in April. 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
Oxford**

**Month
February** **Year
2019**

Monthly Supply Pumping Summary

N. Main St Well #1A	0.00	MG	0.0%
N. Main St Well #1	0.14	MG	1.0%
N. Main St Well #2	1.83	MG	12.9%
Nelson St Well #3	12.21	MG	86.1%
	14.18	MG	100.0%
	0.507	MGD	

Precipitation

Monthly Total (Inches)	3.25
Annual Total (Inches)	8.33

Statistics

Pumping

Maximum Day (MGD)	0.57
Date	02/26/19

Minimum Day (MGD)	0.41
Date	02/27/19

Year to Date

Maximum Day (MGD)	0.64
Date	01/10/19

Average Day (MGD)	0.512
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