



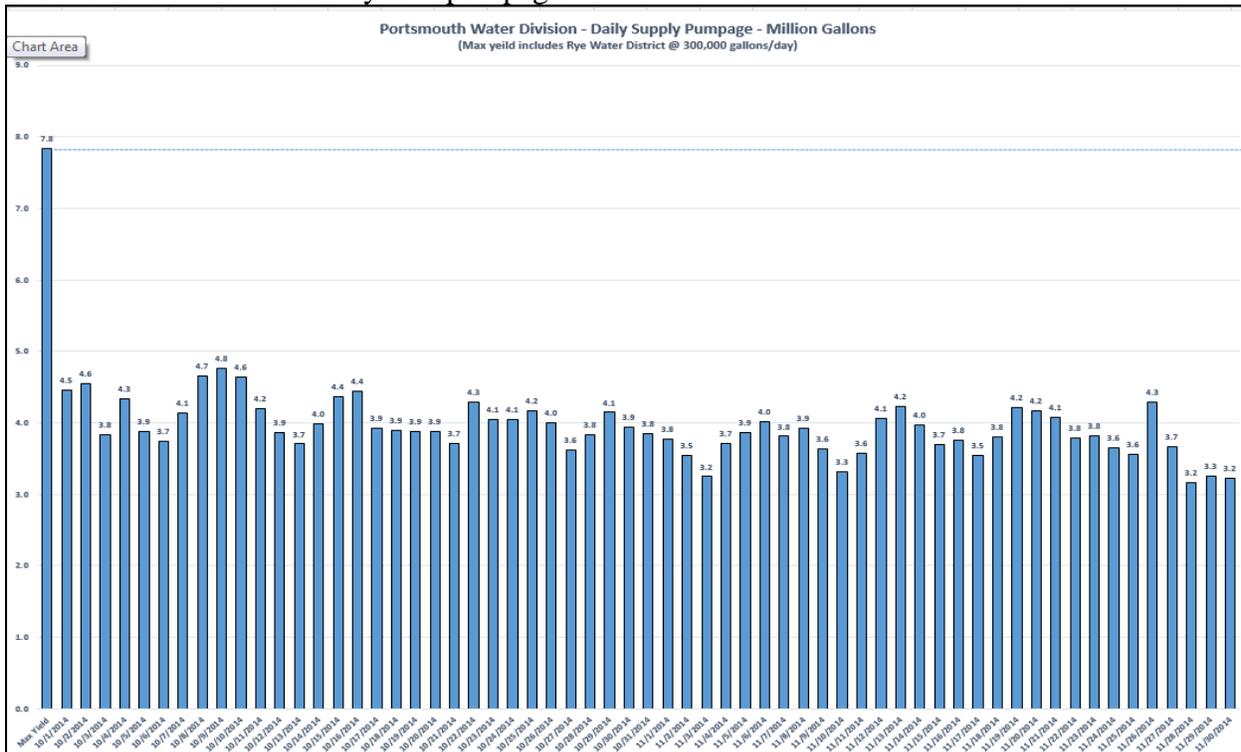
December 15, 2014

Pease International Tradeport Water System Update

The following update is for the October/November 2014 timeframe:

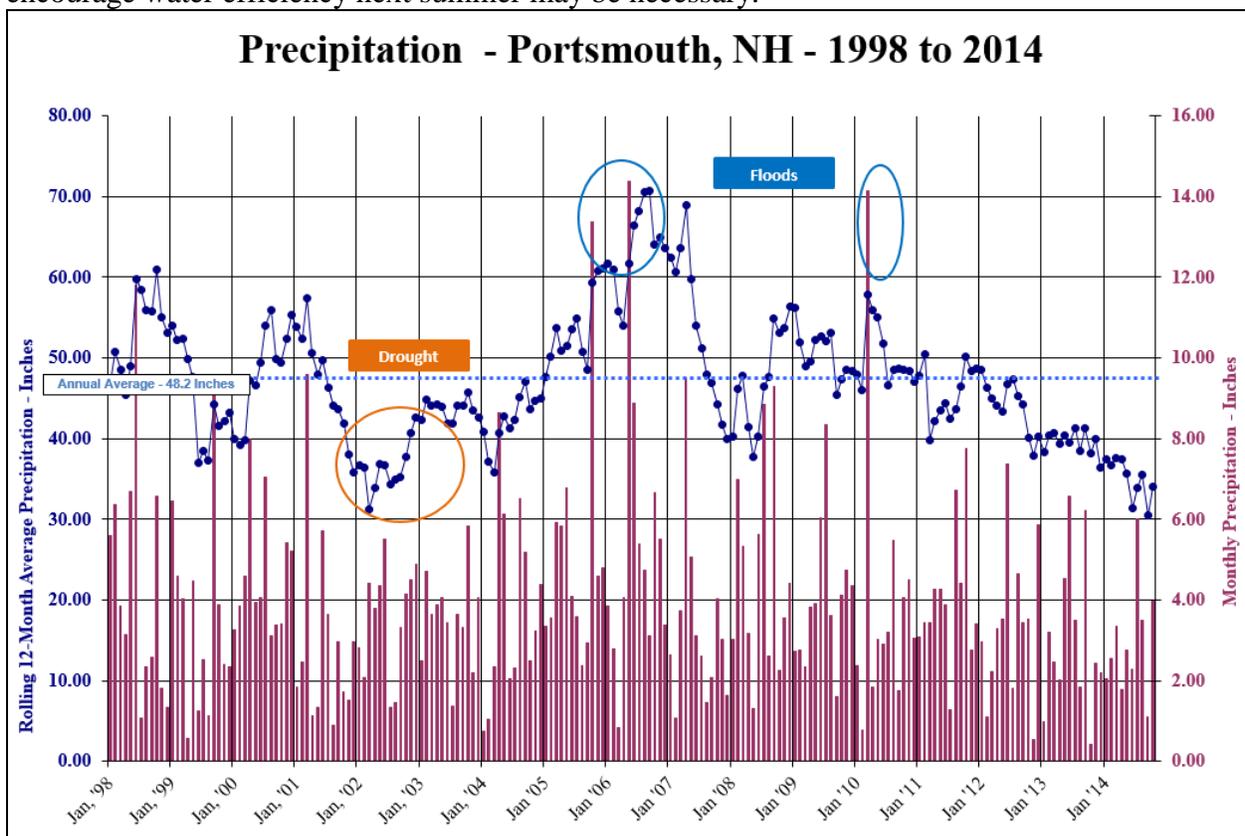
Water System Operations

The Pease Water System water demands are currently being met by supply from the other two Pease wells, the Harrison and Smith wells, supplemented by water boosted from the City of Portsmouth pressure zone. Overall water system demands for the combined Pease/Portsmouth water system have been met by the combined resources of the system's surface water supply and eight other wells. System operators continue to track water system demands on a daily basis to assure that our supply meets demand. The following graphic provides a summary of the October and November 2014 water system pumpage:



Weather and Precipitation Data

Our water system managers not only track daily and monthly water supply trends. They also watch the weather closely and track precipitation to assess potential supply deficits in the coming months. The summer of 2014 was fairly dry, with only a few storms supplying the largest portion of the rainfall that occurred on the seacoast. However, they came at intervals that kept lawns and other plants green. Additionally, there were no extended hot periods. Both of these factors kept water demand from increasing substantially. The following graph shows monthly and 12-month rolling average precipitation for Portsmouth since 1998. A normal fall and winter will help this dry trend (the Seacoast just experienced a soaking rain during the storm which occurred on December 9 and 10, 2014). If conditions next year are substantially dryer than normal, efforts to encourage water efficiency next summer may be necessary.



Water Quality Monitoring

The Air Force's consultant has been performing continual sampling of the water supply wells in the system near the Haven Well. In addition to the water supply wells, the Air Force's consultant is sampling other monitoring wells in the surrounding area to track the aquifer and monitor for any PFCs moving toward the supply wells. To date, all detected levels of PFCs in the currently

operating supply wells remain below the provisional health standards. The attached data provides the sample results to date.

A second in-person meeting was held at the Pease offices of the New Hampshire Department of Environmental Services in December to discuss the monitoring results. The response team consisting of the City of Portsmouth, Pease Development Authority, Weston & Sampson (City's technical consultant), AMEC (Air Force's consultant), NHDES, EPA, Air Force and Health officials will meet to discuss the progress of the monitoring and assessment of the contamination. The Air Force is currently working with AMEC to further identify the source areas where the PFC contamination is likely to be present in the highest concentrations. They have also installed additional monitoring wells in the aquifer to develop a profile of the contaminant zone so they can better assess the potential for it to travel beyond the Haven Well area.

Replacement of the Haven Well Supply

Landowner access agreements have been obtained by the City's hydrogeologic consultant, Emery & Garrett Groundwater Investigations, to survey areas in Portsmouth and Greenland that were identified as having potential groundwater supplies to replace the Haven Well water. These areas are in the water system's service territory and if the surveys prove favorable additional access agreements will be pursued to proceed with test wells to further determine potential quantity and quality of these sources.

Further Updates and Information

The City and the Air Force will continue to provide additional updates. This information will be distributed electronically on the City of Portsmouth's website in the Department of Public Work's "Water" section. If anyone needs additional information or has questions contact Brian Goetz, Deputy Director of Public Works at 766-1420.