



Masonry Pool Reservoir on October 2, 2011

Photo Credit: Lloyd Buster

## Water System Operational Highlights

October 3, 2011 – October 10, 2011

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### The Message on Our Water Supply and Instream Resources

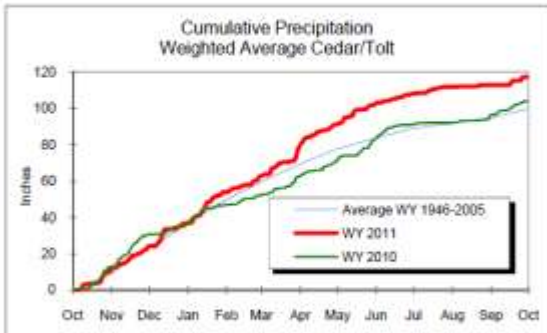
Our overall water supply situation and outlook is good.

Last week, 2.43 inches and 1.51 inches of precipitation were recorded in our Cedar and South Fork Tolt River watersheds, respectively.

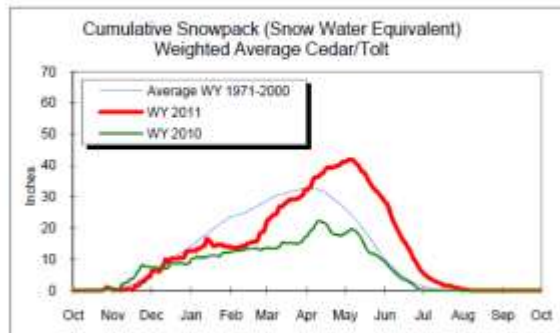
Chester Morse Lake at the Overflow Dike is at elevation 1552.3 feet, about 1.4 feet lower than last week, and about 5.1 feet above its long-term average (based on the years 1989 to 2005). Masonry Pool Reservoir at Masonry Dam is at elevation 1551.8 feet, about 1.5 feet lower than last week, and about 21.1 feet above its long term average. The South Fork Tolt Reservoir at the South Fork Tolt Dam is at elevation 178.5 feet, about 0.9 feet lower than last week, and about 7.1 feet above its long-term average. Water releases from reservoir storage are actively being managed for water supply and fish habitat management objectives.

As of October 3, 2011, water consumption for the previous seven days averaged approximately 121 mgd. That is more than the 111 mgd consumed during the same period last year, and less than the average of 140 mgd used during the same period over the years 1999-2008. (Note: The data shown in the four Seattle Public Utilities Water System Synopsis Graphs are as of September 30, 2011, the end of the water year.)

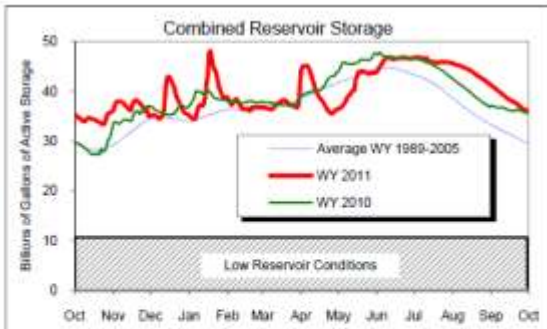
## Seattle Public Utilities Water System Synopsis as of September 30, 2011



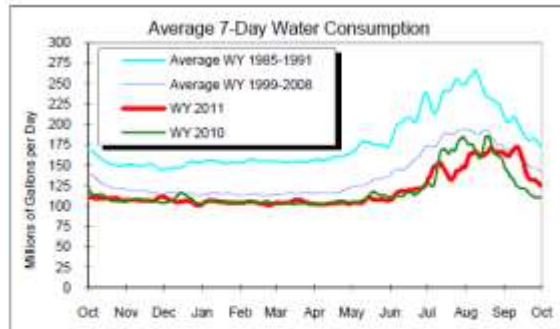
Precipitation was recorded in the Cedar and S.F. Tolt watersheds over the past week.



The average snow accumulation across the sites that we monitor is estimated to be about 0.0 inches snow water equivalent which is at the long term average for this time of the year.



The combined reservoir storage of Chester Morse Lake, Masonry Pool, Lake Youngs and South Fork Tolt Reservoir is above the long term average for this time of year.



Water use over the past week averaged about 124 million gallons per day (mgd), which is less than the 142 mgd used during the same period over the years 1999-2008.

All data is provisional and subject to revision.

**Figure 1.** Seattle Public Utilities Water System Synopsis Graphs