

All data is provisional and subject to revision.

Our overall water supply situation and outlook is good.

Last week, 0.62 inches and 0.58 inches of precipitation were recorded in our Cedar and South Fork Tolt River watersheds, respectively. Snowpack is below the long term average for this time of the year.

Chester Morse Lake at the Overflow Dike is at elevation 1553.2 feet, about 0.5 feet higher than last week, and about 2.1 feet above its long-term average (based on the years 1989 to 2005). Masonry Pool Reservoir at Masonry Dam is at elevation 1552.8 feet, about 0.5 feet higher than last week, and about 5.0 feet above its long term average. The South Fork Tolt Reservoir at the South Fork Tolt Dam is at elevation 1755.7 feet, about the same as last week, and about 0.3 feet above its long-term average. Water releases from reservoir storage are actively being managed to balance water supply, fish habitat, hydropower and flood management objectives for both the Cedar and South Fork Tolt Rivers.

Water consumption for the previous seven days averaged approximately 105 mgd. That is more than the 104 mgd consumed during the same period last year, and less than the average of 112 mgd used during the same period over the years 1999-2008.

## Climate Outlook (From the NOAA Climate Prediction Center in Washington D.C.)

### 30-Day Climate Outlook (Issued 18 February 2010)

The Puget Sound Region climate probability forecast for the month of March 2010 calls for a shift towards above normal temperature (as averaged over the 1-month period) and for a shift towards below normal total monthly precipitation accumulations.

### 90-Day Climate Outlook (Issued 18 February 2010)

The Puget Sound Region climate probability forecast for the 3-month March-April-May 2010 period calls for a shift towards above normal temperature (as averaged over the 3-month period) and for a shift towards below normal total 3-month precipitation accumulations.

# El Niño/Southern Oscillation (ENSO) (Issued 22 February 2010)

### ENSO Cycle: Recent Evolution, Current Status and Predictions

http://www.cpc.ncep.noaa.gov/products/analysis monitoring/lanina/enso evolution-status-fcsts-web.pdf

#### Summary

- El Niño is present across the equatorial Pacific Ocean.
- Sea surface temperatures (SST) are more than +1.0°C above-average across much of the central and east-central equatorial Pacific Ocean.
- Based on current observations and dynamical model forecasts, El Niño is expected to continue at least into the Northern Hemisphere spring 2010.

