Water Supply Update

March 18, 2015



Seattle
Public
Utilities

Water Supply Outlook Is Good

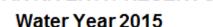
Seattle's current water supply outlook remains good. We have been storing additional rainfall in our reservoirs and making operational adjustments to compensate for lower-than-normal snowpack.

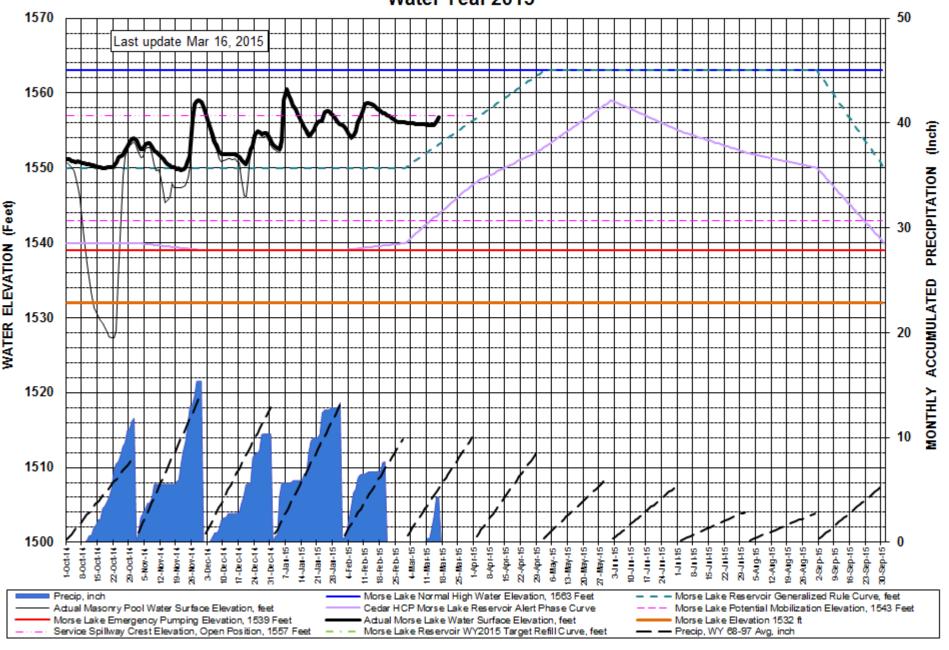
SPU has tools and operational strategies in place to manage supply:

- □ **Holding more water:** Water levels in our mountain storage reservoirs are being held above normal to augment the low snowpack.
- System monitoring and operational changes: Snowpack, rainfall and other water resource factors are monitored daily. We make operational changes on how we capture and release water, as well as how we move it through the water supply system, based on snowpack and predicted rainfall. Adjustments are continuously made to balance water supply, flood management, hydropower and fish habitat.



CEDAR RIVER AT RESERVOIR





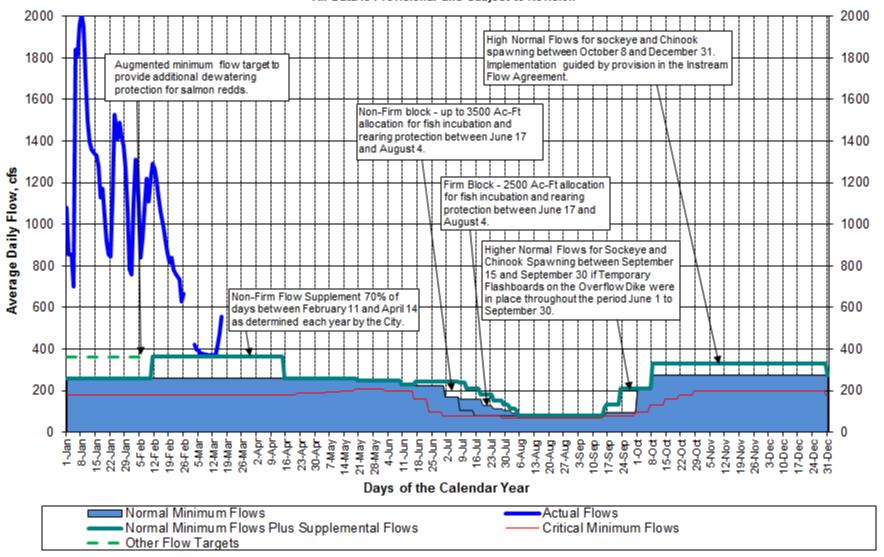
SOUTH FORK TOLT RIVER AT RESERVOIR Last update Mar 16, 2015 Water Year 2015 1770 50 1760 PRECIPITATION (Inch) 1750 1740 (Feet) ELEVATION 1730 MONTHLY ACCUMULATED 1720 WATER 1710 1700 1690 1680 24-Dec-14 21-Jai-15-28-Jail-15-4-Feb-15 1-Apr-15-8-Apr-15-15-Apr-15 22-4pr-15 29-4pr-15 6-May-15 10-711-15-24-111-15 15-711-15 22-11-15-29-11-15-16-Sep-15-3-Dec-14 7-Jai-15 11-Feb-15 18-Feb-15 25-Reb-15 4-Mar-15 18-Mar-15 13-May-15 30-May-15 3-11-15 7-115 17115 8-11-15 5-41g-15 2-3ep-15 9-Sep-15 23-Sep-15 31-Dec-14 27-May-15 12-AIIG-15 19-AIIG-15 26-AII9-15 29-Oct-14 28-Nov-14 10-Dec-14 17-Dec-1¢ 14-Jai-15 11-Mar-15 25-Mar-15 Precip, inch Morning Glory Overflow El, feet Early Raising of Ring Gate El, feet SF Tolt Reservoir WY2013 Target Curve, feet Normal Raising of Ring Gate El, feet SFT Generalized Reservoir Rule Curve, feet SFT Reservoir Critical Rule Curve, feet -- SF Tolt Reservoir, Low Water Level Elevation, 1710 Feet Actual SF Tolt Water Surface Elevation, feet

Precip, WY 68-97 Avg, inch

Last Update: 03/16/2015

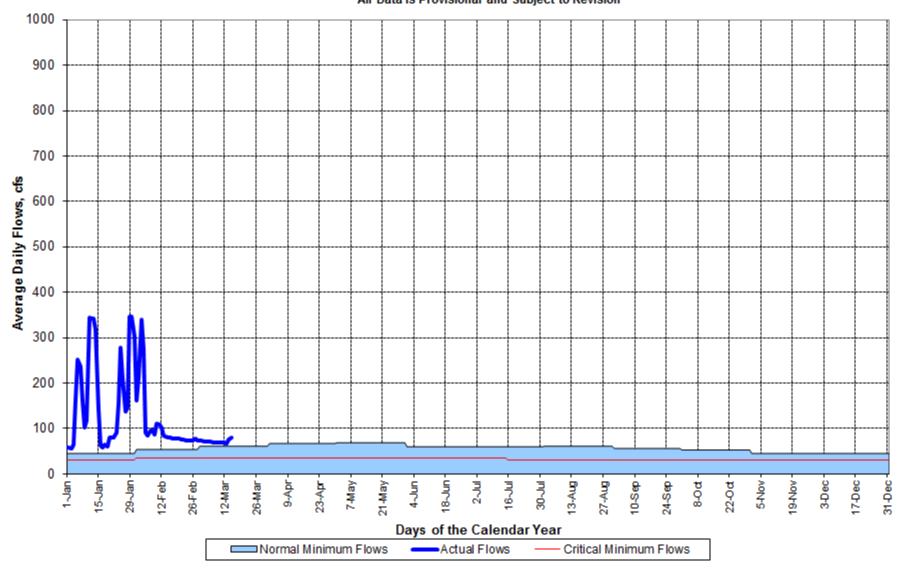
Calendar Year 2015 Cedar River Instream Flows Measured at USGS Stream Gage No. 12117600





Last Updated: 3/15/2015

Calendar Year 2015
South Fork Tolt River Instream Flows Measured at USGS Stream Gage No. 12148000
All Data is Provisional and Subject to Revision



Operational Strategy

Near Term:

- Raise SF Tolt Ring Gate early March
- Close Masonry Dam Service Spillway early March
- End supplemental flows (105 cfs) on 3/26, still meet goal of providing flow 70% of the days 2/11 to 4/14
- Flood management

Long Term (as needed):

- Maximize SF Tolt in peak demand period
- Allocation of Cedar R. Non-Firm Block up to 3,500 Ac-Ft. June 17 to August 4





