

Water Supply Update

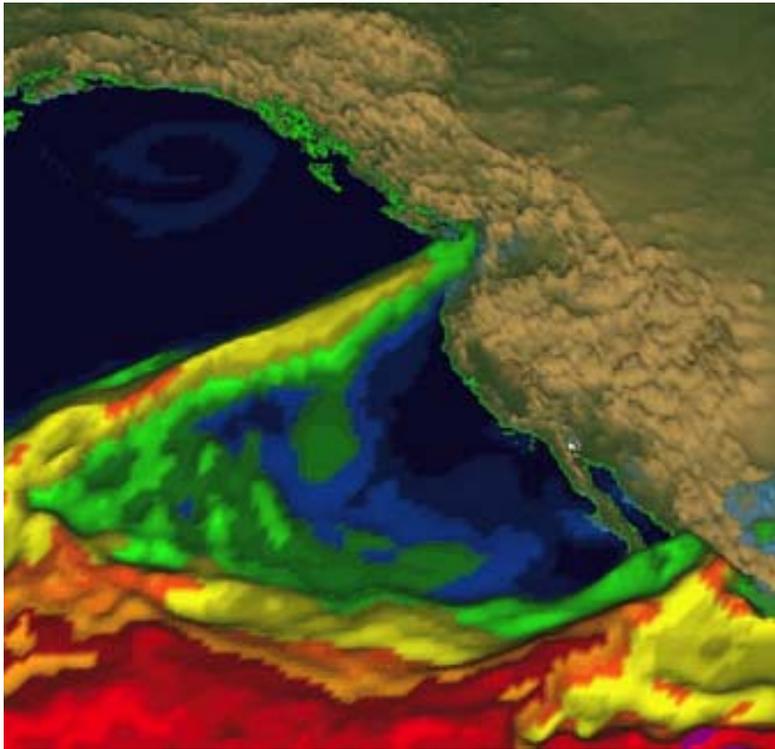
Board of Public Utilities Meeting

January 17, 2019



OUR FUTURE IN EVERY DRÖP

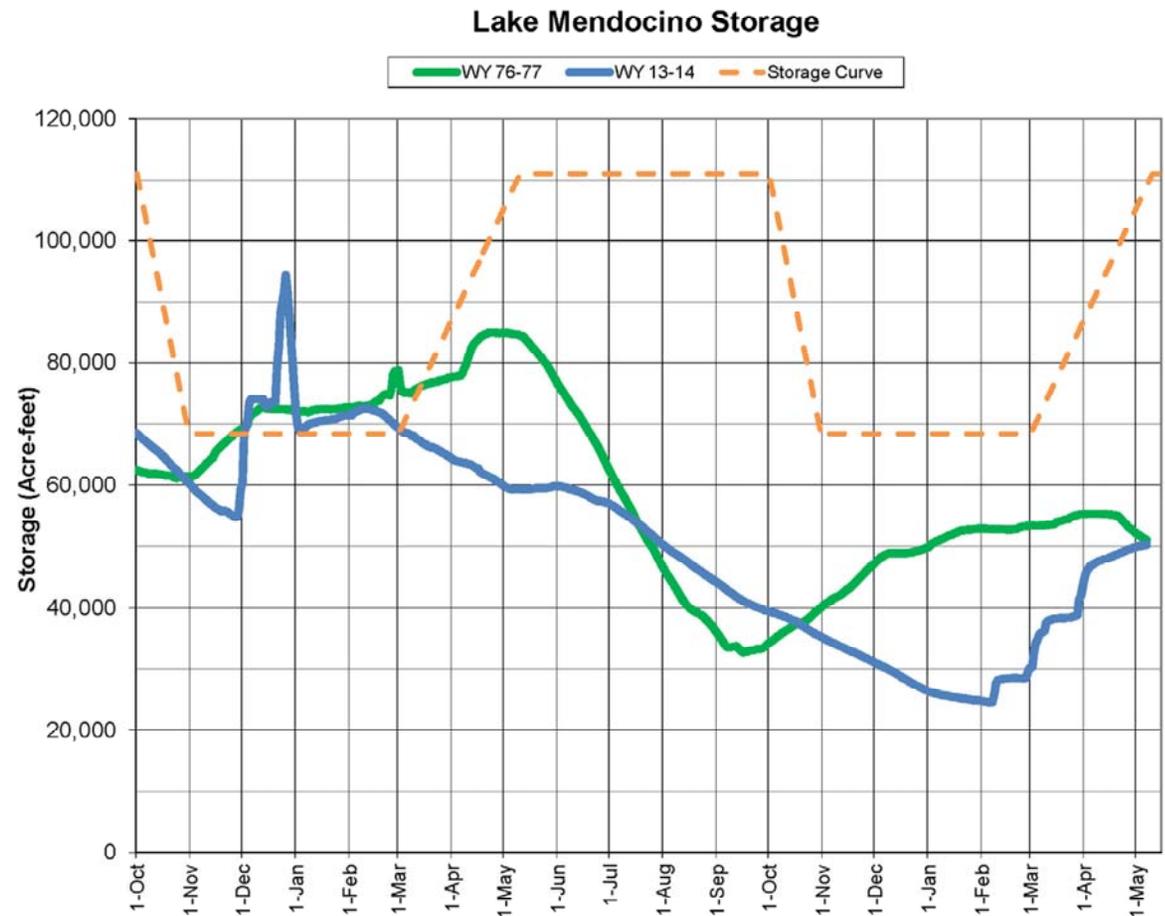
Forecast Informed Reservoir Operations (FIRO)



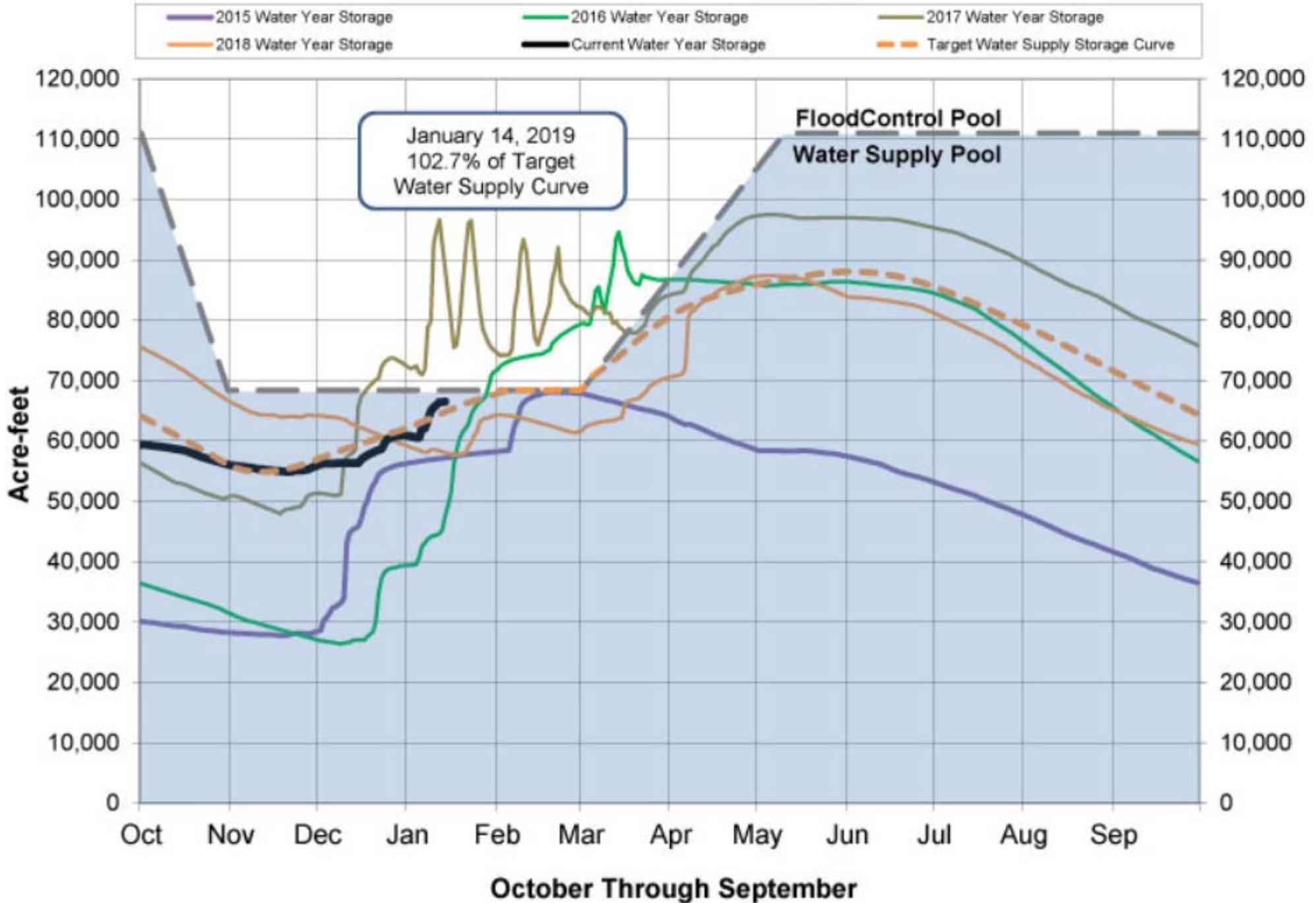
- Sonoma Water leading a study and demonstration project using real-time data to adjust reservoir levels for improved flood control and water supply operations
- Collaborative effort focused on improving water management of Lake Mendocino based on current and forecasted conditions
 - Sonoma Water, Scripps Institution, NOAA, USGS, and others
- Reliable predictions of the timing and size of major precipitation events (atmospheric rivers)
- Water managers can selectively retain or release water from reservoirs in anticipation of upcoming storms

Catalyst for study

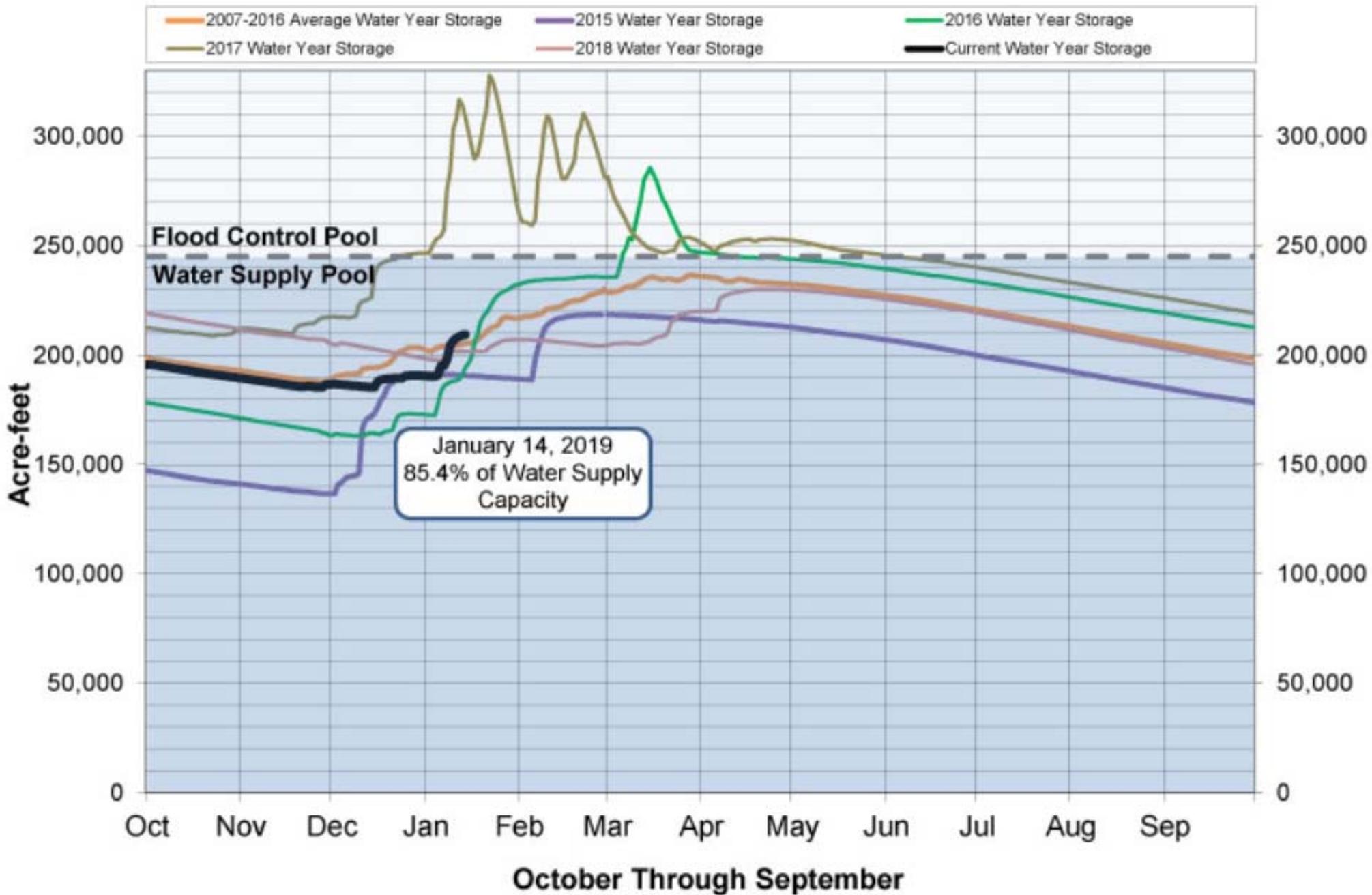
- Dec 2012 – atmospheric river filled Lake Mendocino (thick blue line)
- “Rule curve” forced release of this water
- Lack of rains after Dec led to drought conditions and extremely low lake levels



Lake Mendocino Storage



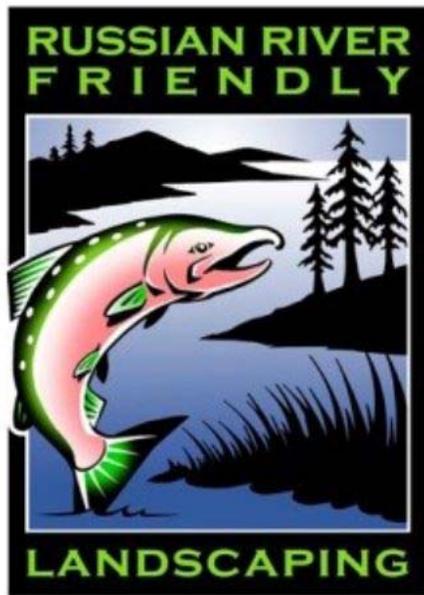
Lake Sonoma Storage



Landscape Templates

- Eight scalable landscape design templates for the fire rebuild
- Free
- Ready-to-permit and comply with local Water Efficient Landscape Ordinances
- Workshops:
 - Overview – 1/17 at 6PM
 - Plan Review – 1/26, two sessions
 - Register - <http://www.savingwaterpartnership.org/pathways-to-rebuilding-landscapes-workshop/>

Outreach Events



Russian River Watershed Association Presents

Planting Resilience: Stories, Science and Strategies

- Date: Wednesday, February 6, 2019
- Time: 7AM – 12 PM
- Location: Utilities Field Office
- Register: www.rrwatershed.org/project/rrflg

Recycled Water Storage Jan 15, 2019 492 MG

