

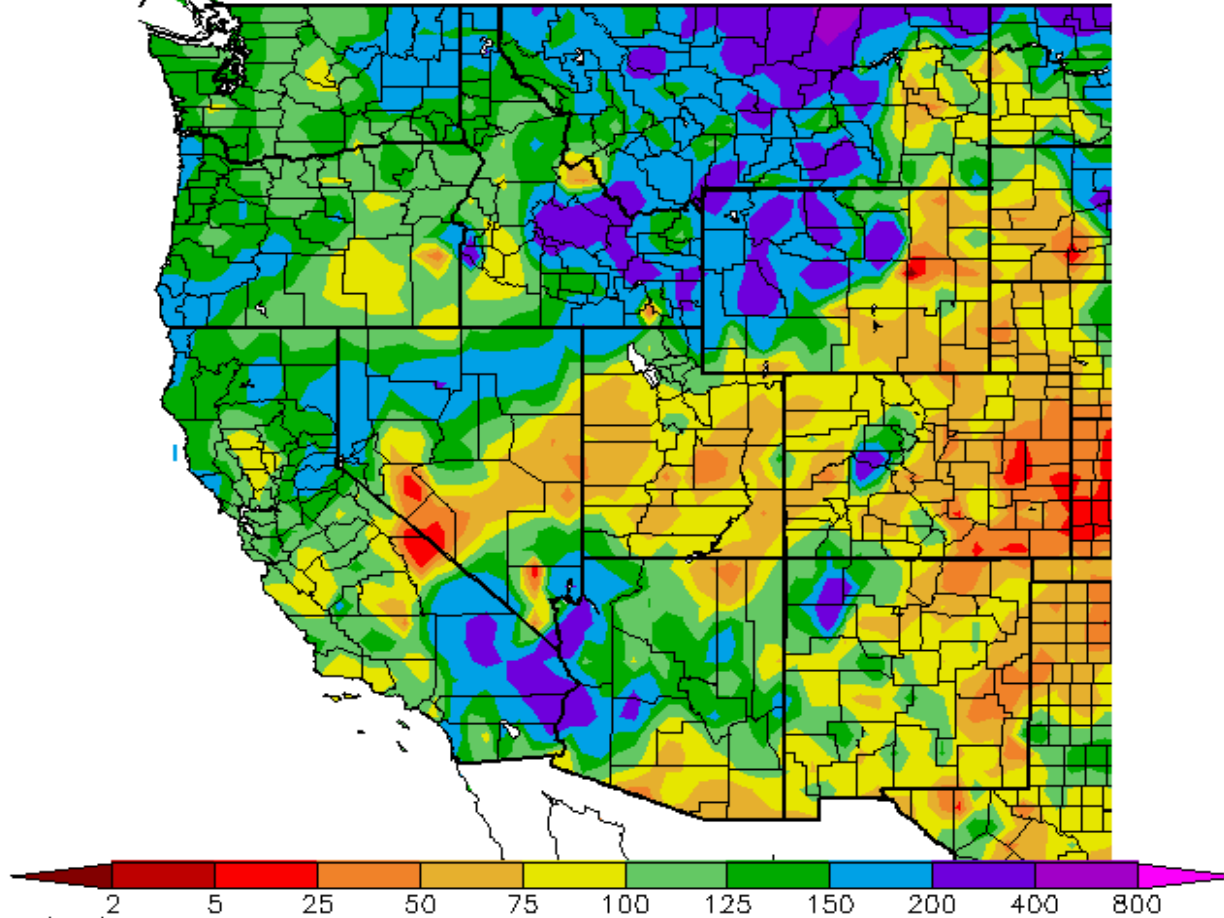


2017 Water Supply Outlook

Bill Hauck, Senior Hydrologist
Northern Nevada Water Planning Commission

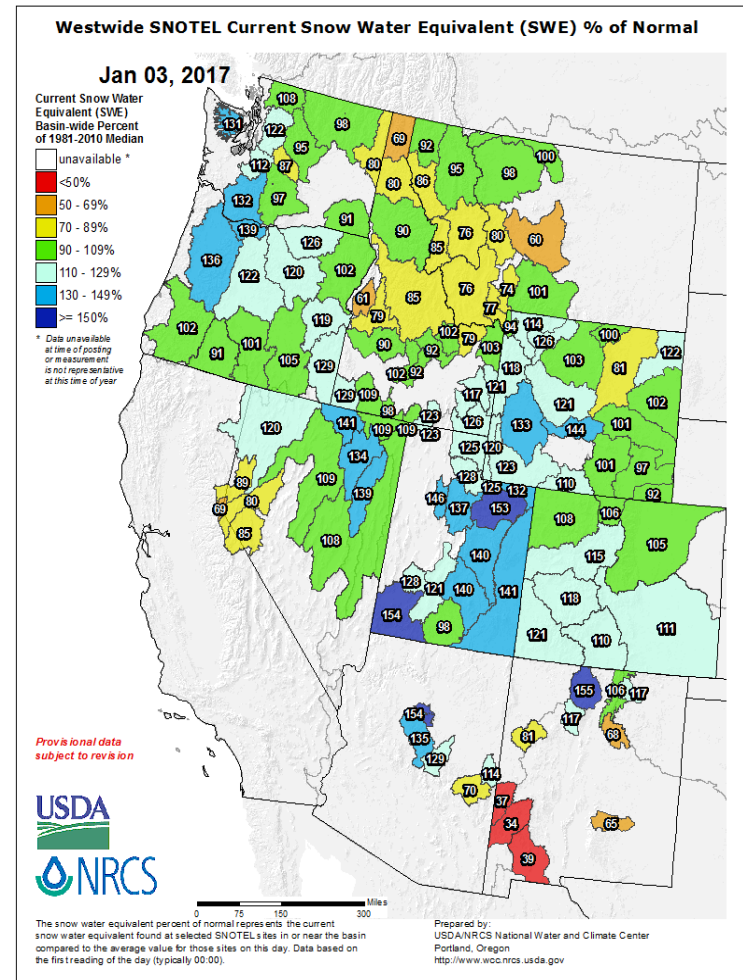
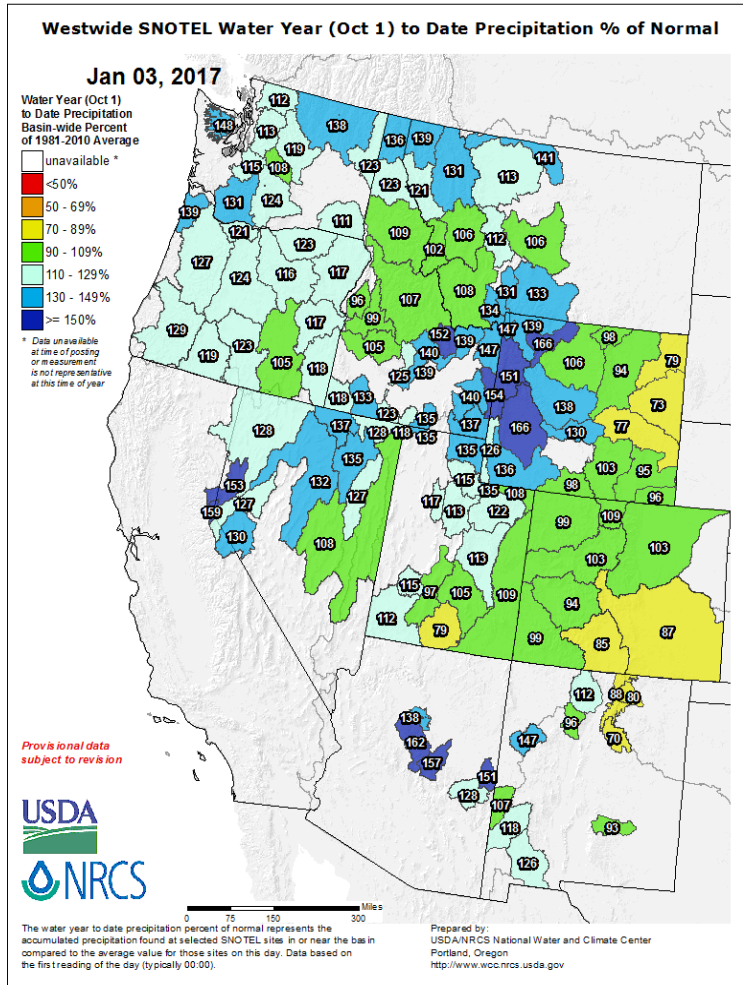
January 4, 2017

Percent of Average Precipitation (%) 10/1/2016 – 1/2/2017



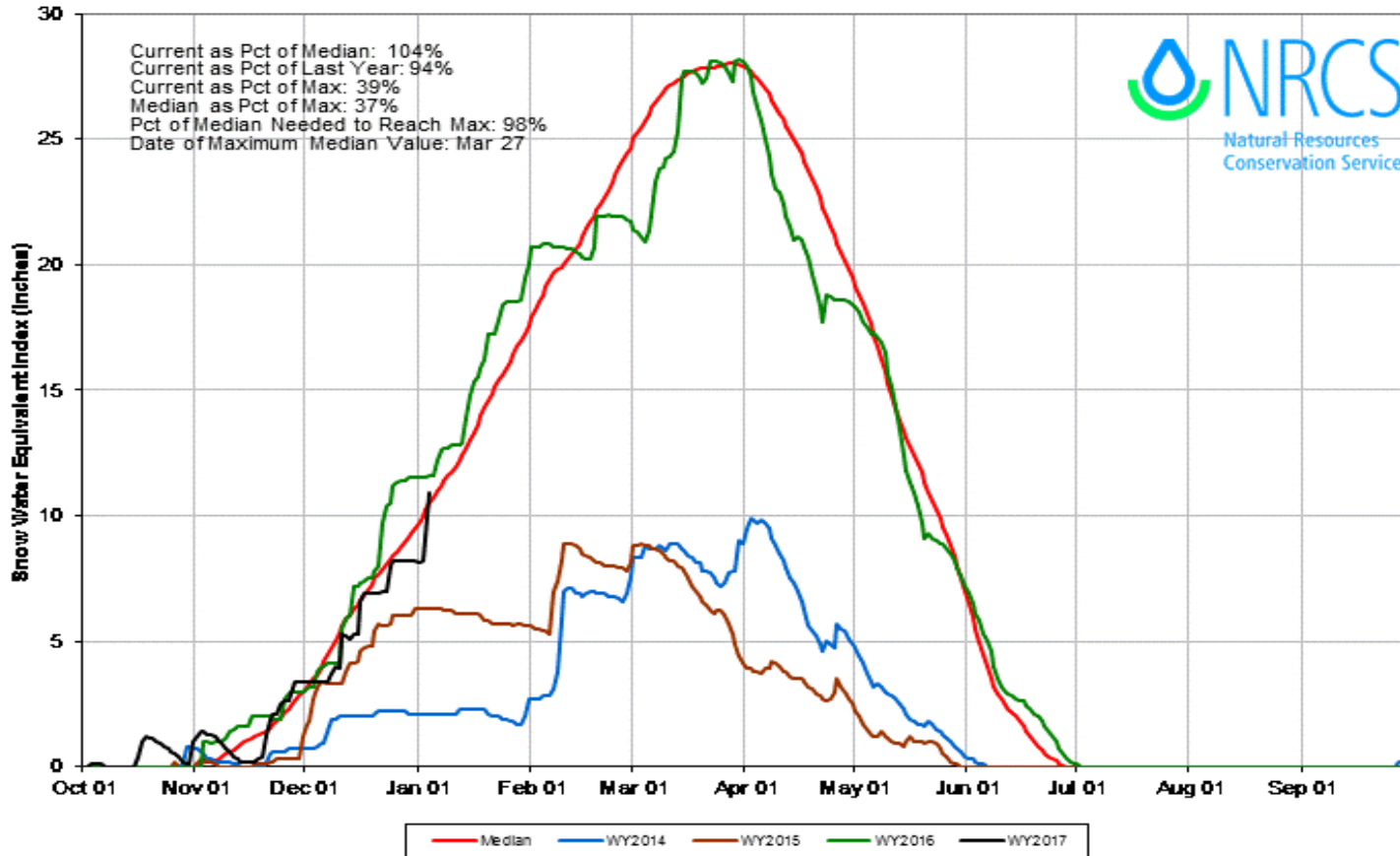
Generated 1/03/2017 at WRCC using provisional data.
NOAA Regional Climate Centers

Current Precipitation and Snowpack Status



Truckee Basin NRCS Snotel Statistics

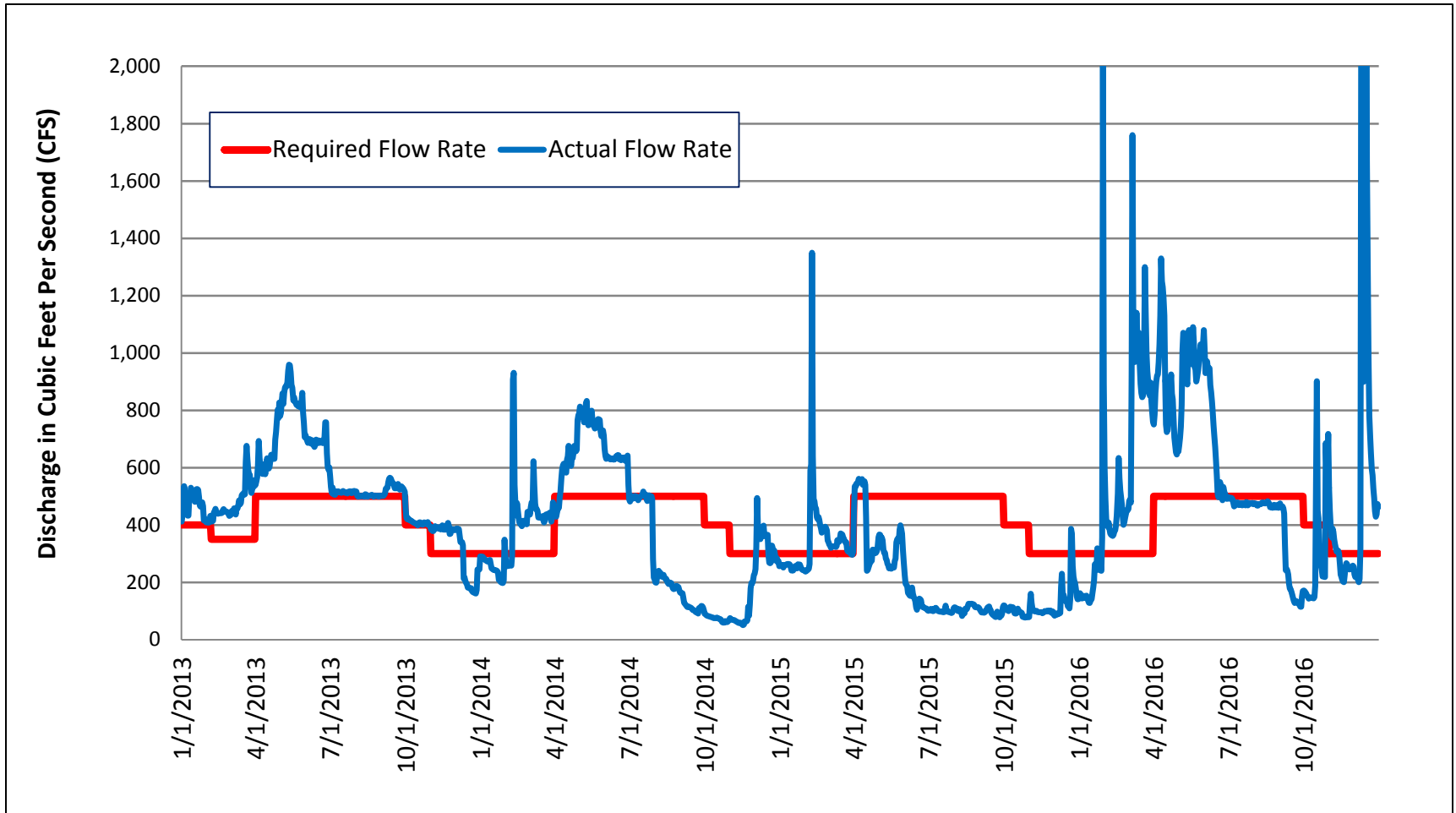
TRUCKEE RIVER Time Series Snowpack Summary
 Based on Provisional SNOTEL data as of Jan 04, 2017



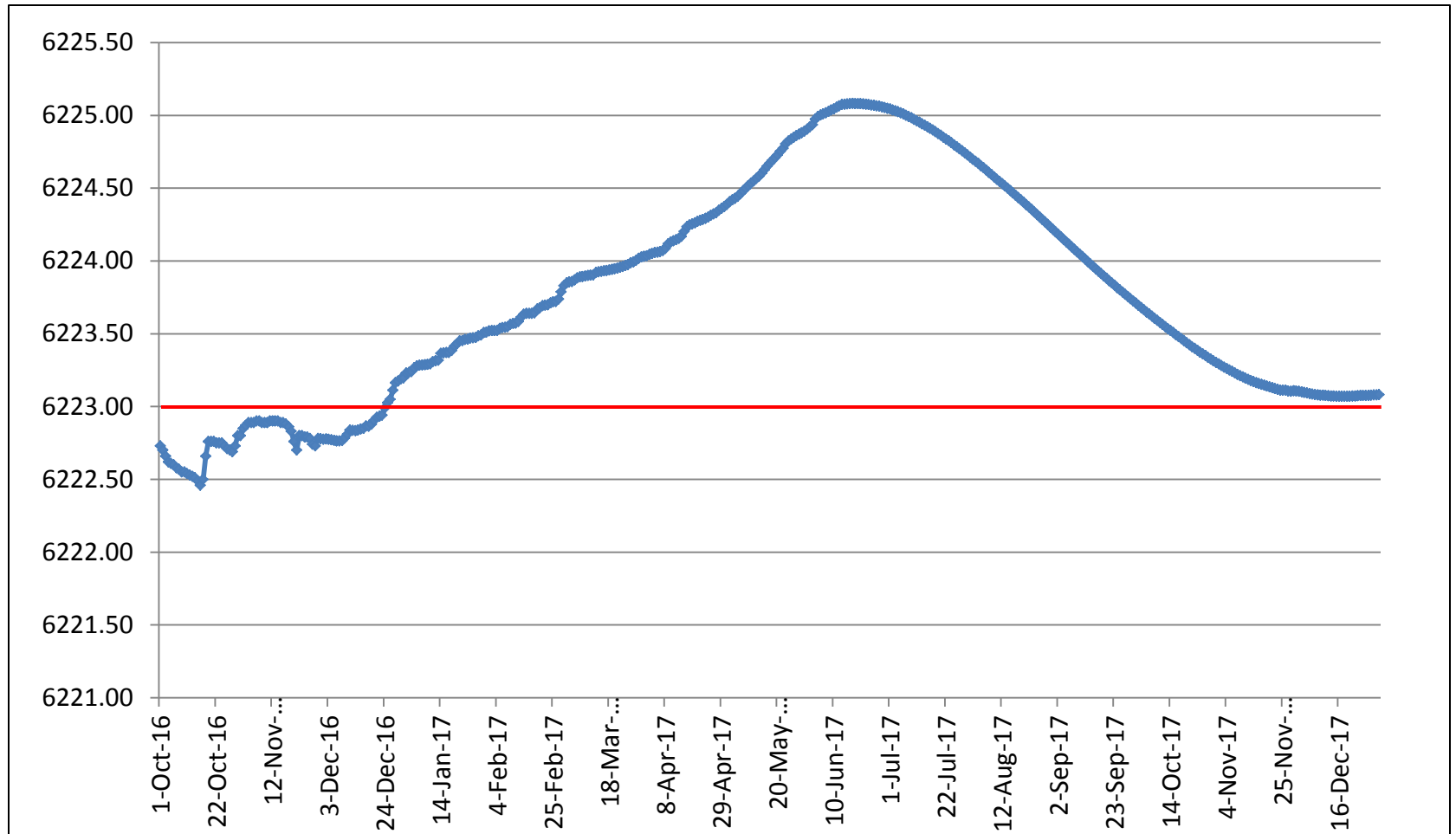
Lake Tahoe Elevation 2010-2016



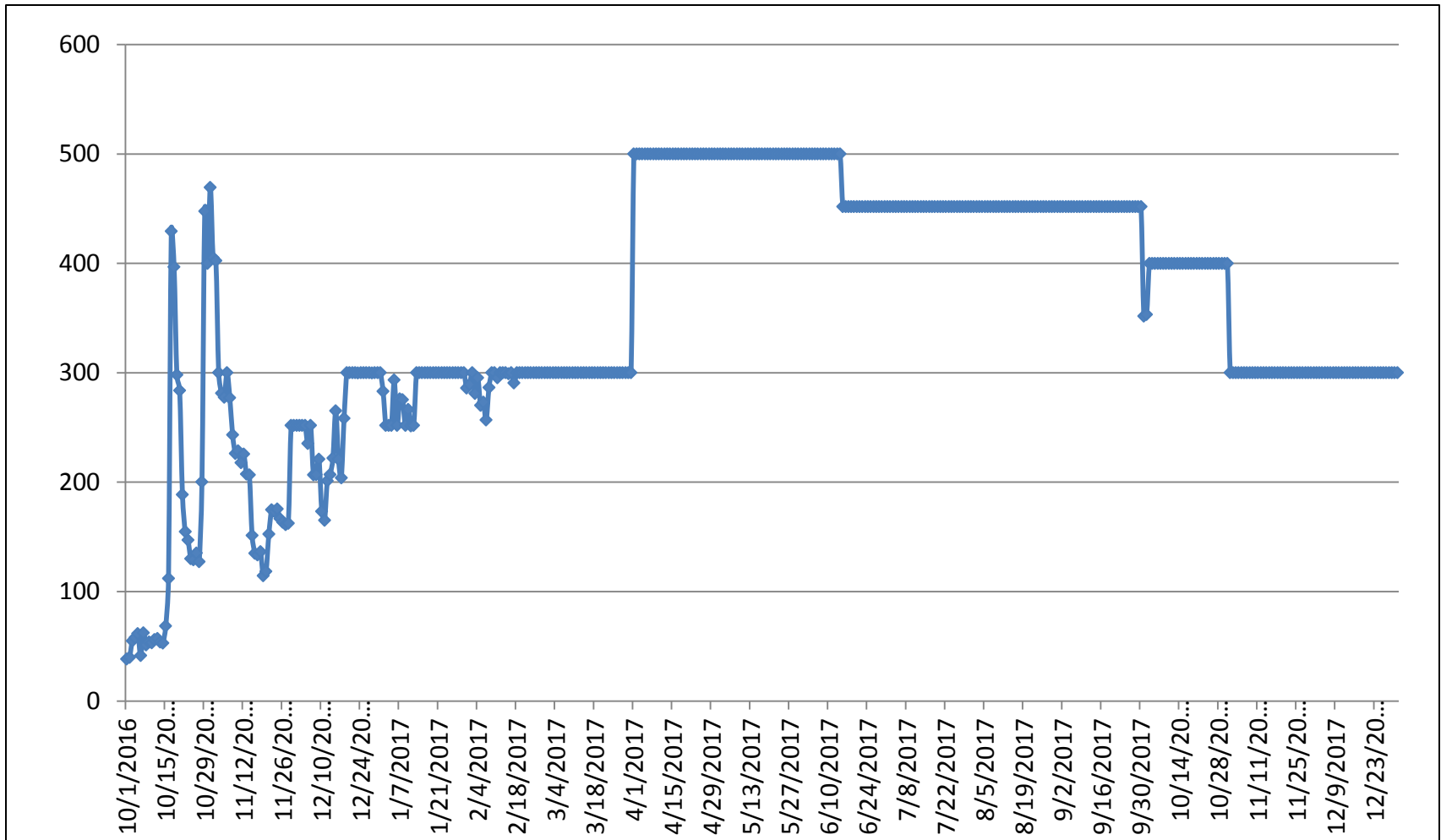
Actual vs. Required Truckee River Flows (NV State Line)



Projected Lake Tahoe Elevation WY 2017



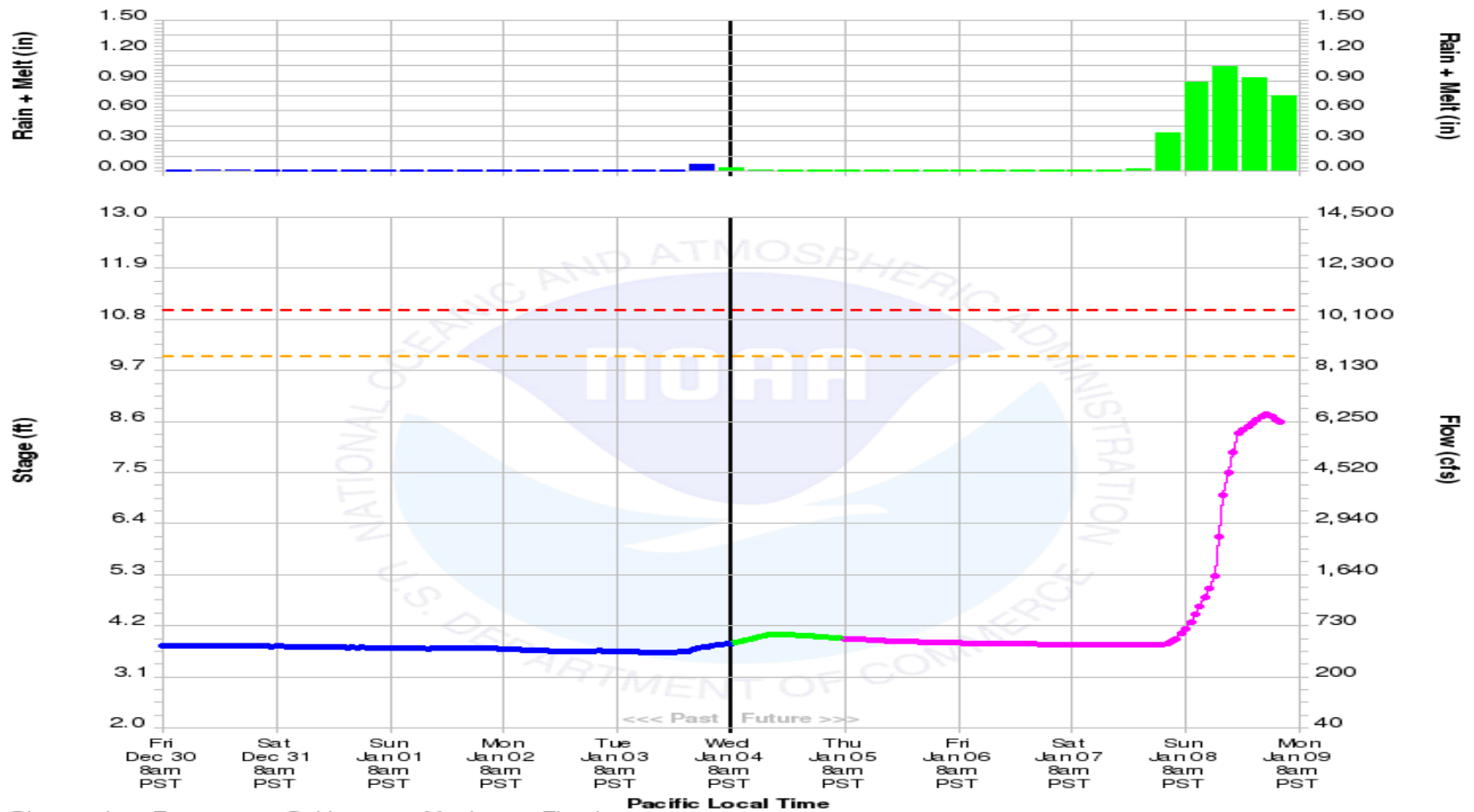
Projected Truckee River Flows at NV State Line (WY 2017)



TMWA Water Storage Account Summary

1/4/2017	
RESERVOIR	TOTAL STORAGE (acre-feet)
Tahoe	0
Donner	3,533
Martis	0
Prosser	0
Boca	605
Stampede	21,327
Independence	14,145
Total	39,610
Nov 30, 2015 Value	17,521
% of Nov 30, 2015 Value	226.0%

Prolonged, Strong Atmospheric River Event Sun-Mon



Created: 01/04/2017 at 8:47 AM PST (FARC1 Forecast Run Time = 1645Z)

California Department of Water Resources
 NOAA / NWS / California Nevada River Forecast Center

2017 Water Supply Outlook Summary

- Great start to WY 2017
- Precipitation currently >150% average both basins
- Snowpack slightly below average but upstream reservoir storage (i.e. Tahoe) in much better shape
- Lake Tahoe currently .37' above natural outlet elevation (rose over ½ foot in December 2016)
- More drought reserves than ever to be carried over into 2017 despite use in September 2016
- Preliminary runoff forecast shows Tahoe elevation rising by more than two feet
- Normal Truckee River flows projected for remainder of 2017
- Tahoe back down to rim (natural elevation) by end of 2017
- Significant amount of precipitation is forecasted over next six (6) days likely to improve outlook