



## **Water Supply Update and Forecast for 2016**

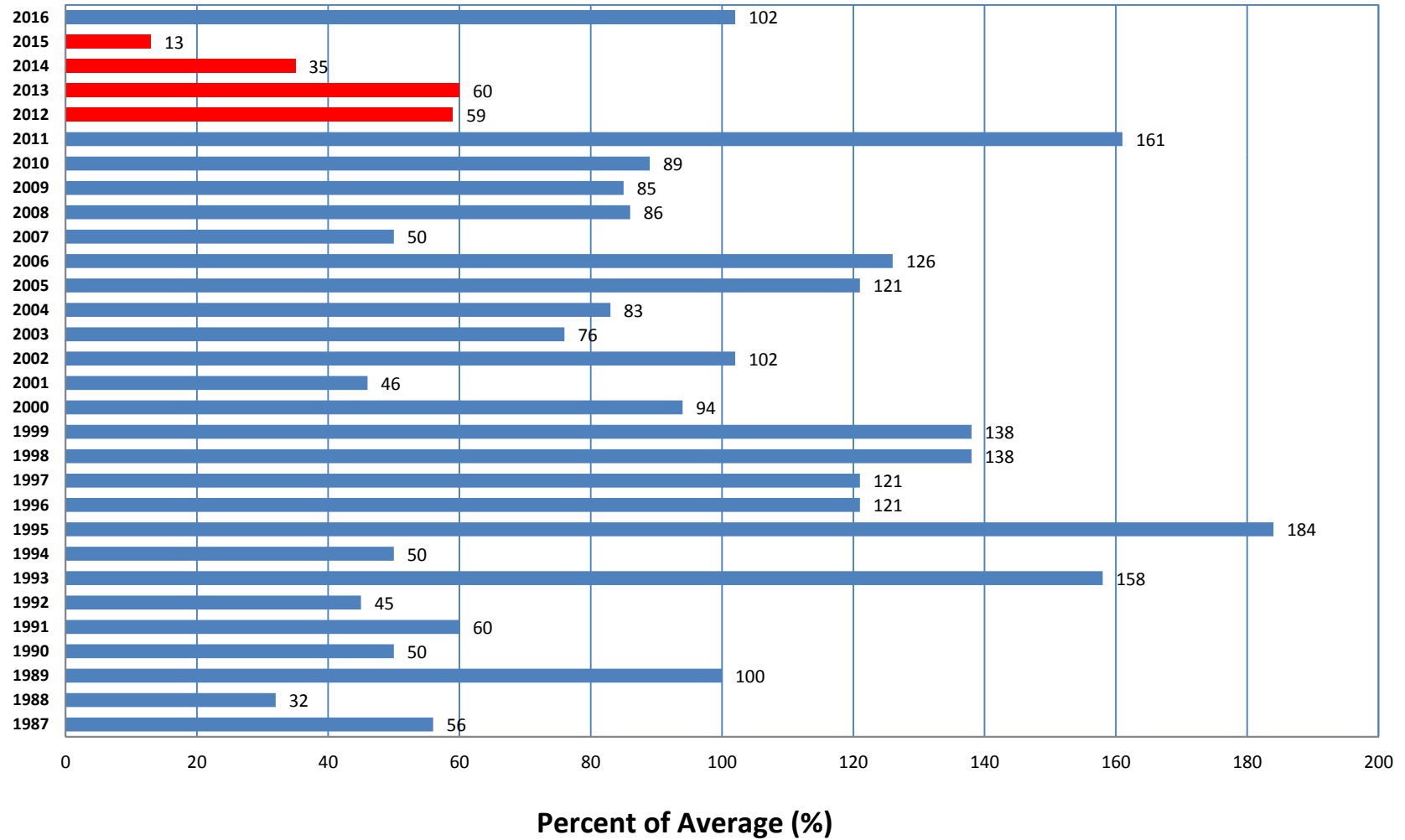
Bill Hauck, Senior Hydrologist

TMWA Board of Directors Meeting

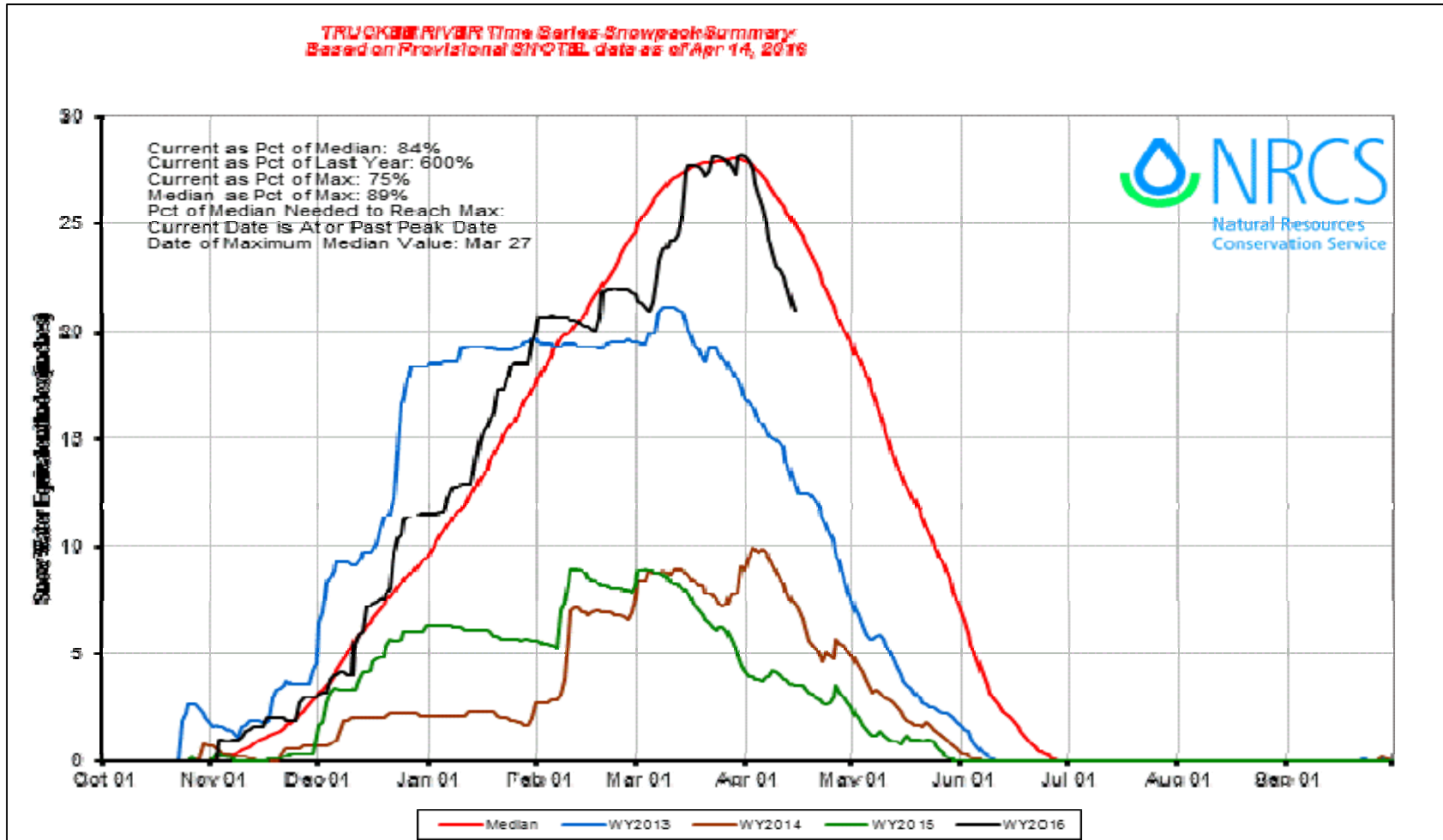
April 20, 2016

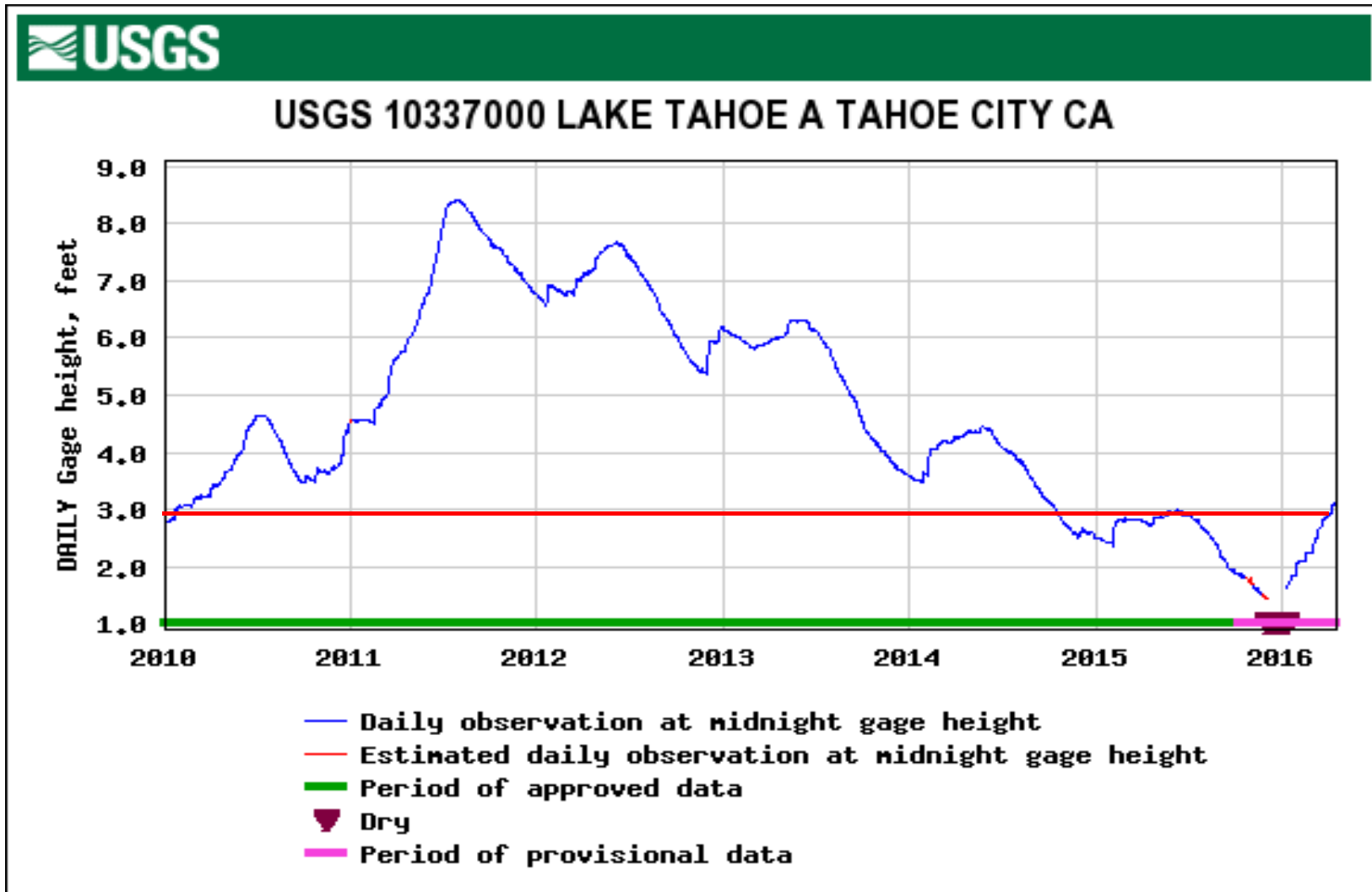


# 30 Years of Truckee River Basin Snowpack (April 01)



# Truckee River Basin Snowpack Comparison (2013-2016)

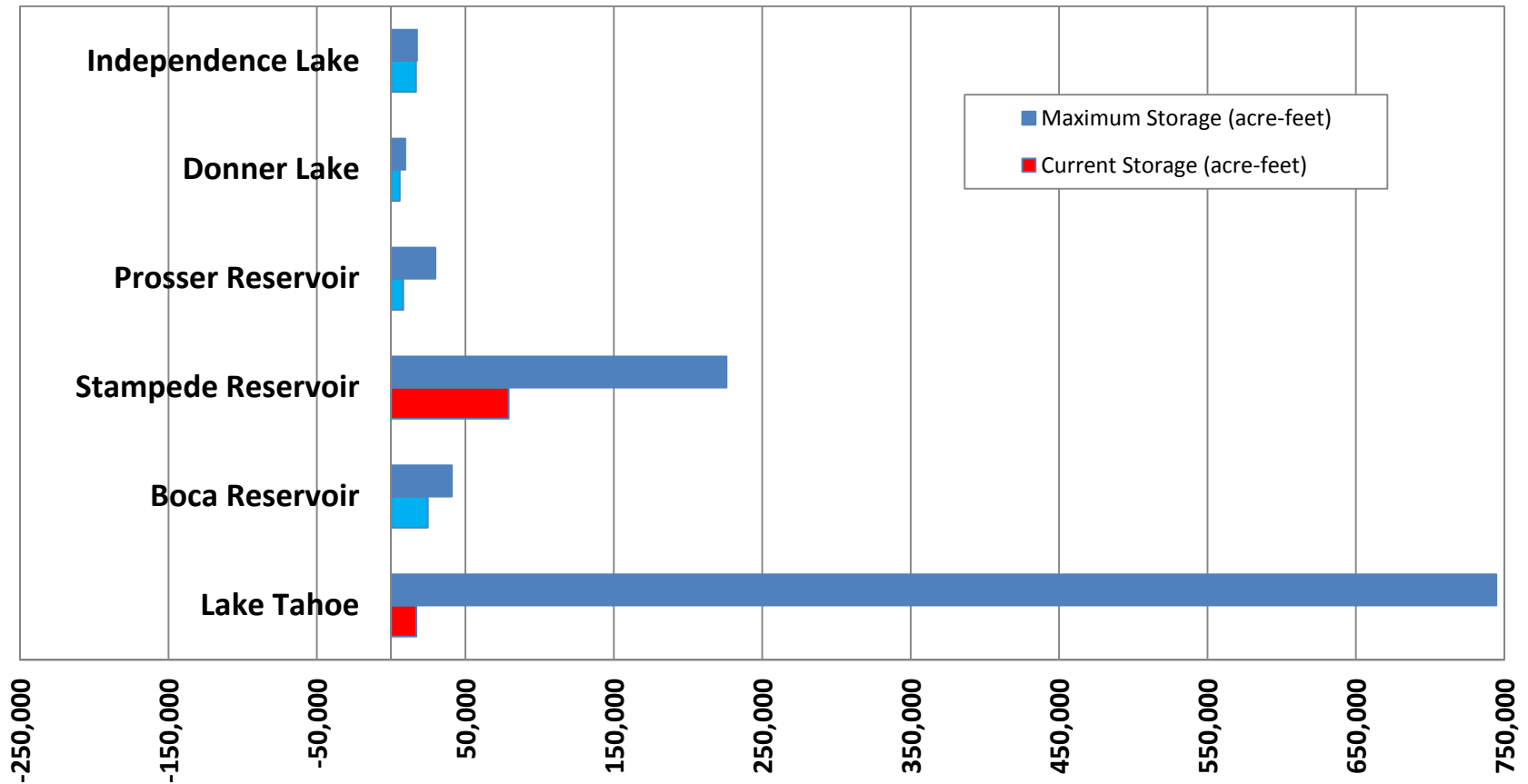




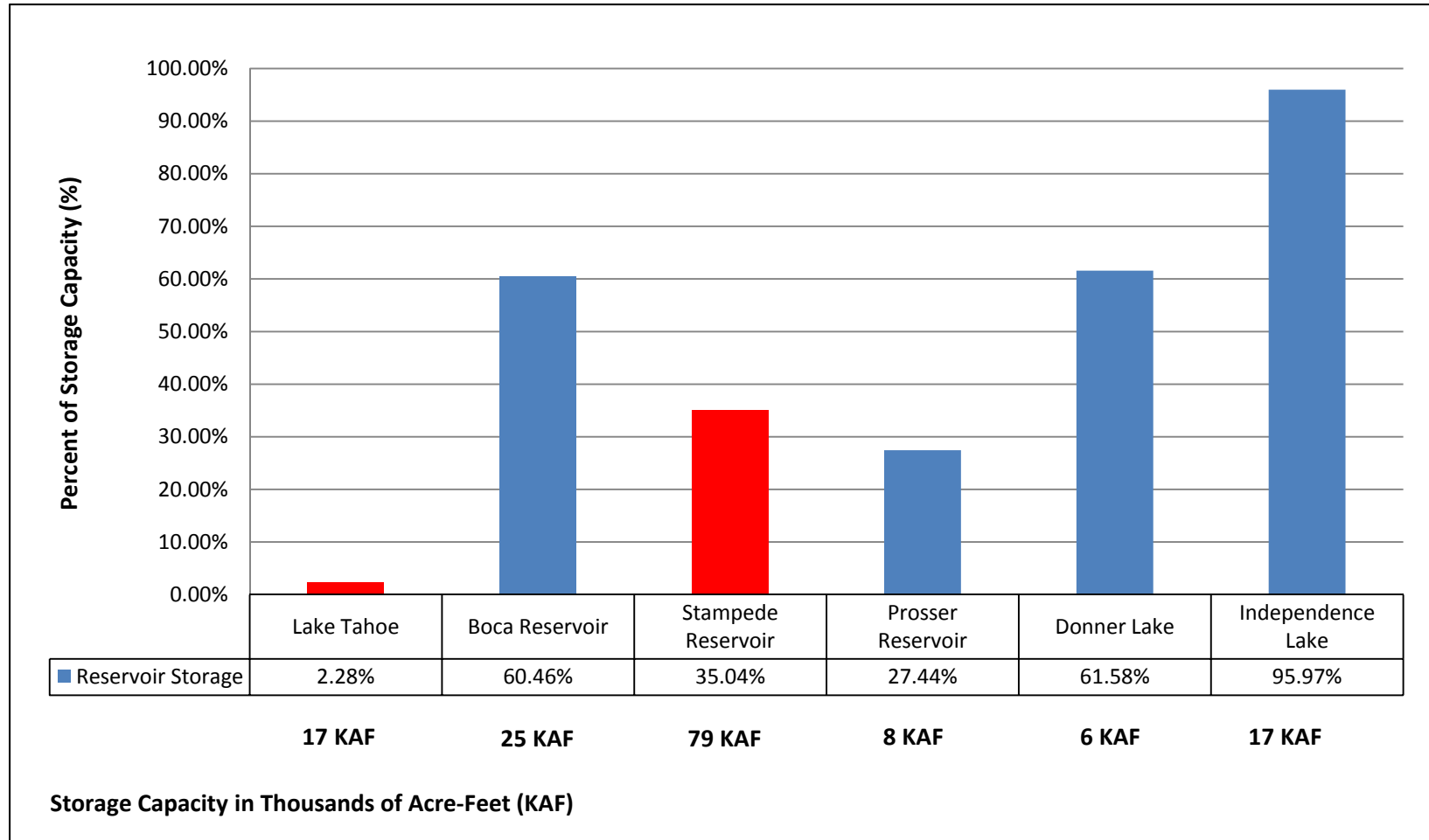
# USDA NRCS Streamflow Runoff Forecast (Apr. 1, 2016)

- Lake Tahoe Rise (Apr-High) @ 99% avg. (1.3 feet)
- Truckee River @ CA/NV State line @ 106% avg.

# Truckee River Reservoir Storage as of April 19, 2016



# Truckee River Reservoir Storage Comparison (4/19/16)



# TMWA Reservoir Storage Account Summary

DATE: <u>4/20/2016</u>						
ACCOUNT STORAGE (acre-feet)						
RESERVOIR	FirmMICred	NonFirmMICred	waPOSW	WAEDS	TOTAL STORAGE (acre-feet)	
<i>Tahoe</i>	0	0	0	0	0	
<i>Donner</i>	0	0	6,086	0	6,086	
<i>Martis</i>	0	0	0	0	0	
<i>Prosser</i>	0	0	0	0	0	
<i>Boca</i>	0	0	0	0	0	
<i>Stampede</i>	0	0	2,367	5,162	7,529	
<i>Independence</i>	0	0	16,877	0	16,877	
<b>Total</b>	0	0	25,330	5,162	<b>30,492</b>	
<b>Nov 30 Value</b>					17,521	
<b>Percent of Nov 30 Value</b>					174.0%	

# Water Supply Summary

- Solid Water Year
- April 1 Snowpack basically 100% normal (both basins)
- Much improved outlook
- Streamflow Runoff forecast 99% average (Lake Tahoe)
- Streamflow Runoff forecast 106% average (Truckee River)
- *Normal* Truckee River flows projected through mid-September
- TMWA upstream drought storage in GREAT SHAPE
- Projected 43,000 acre-feet combined drought storage by September

