

Colorado River Commission of Nevada

Natural Resources Group Hydrologic Update November 8, 2016



Unregulated Inflow & Storage

As of November 7, 2016

Projected unregulated inflow to Lake Powell	MAF*	% Avg**
WY 2016 (Observed):	9.62	89%
April-July 2016 (Observed):	6.61	92%

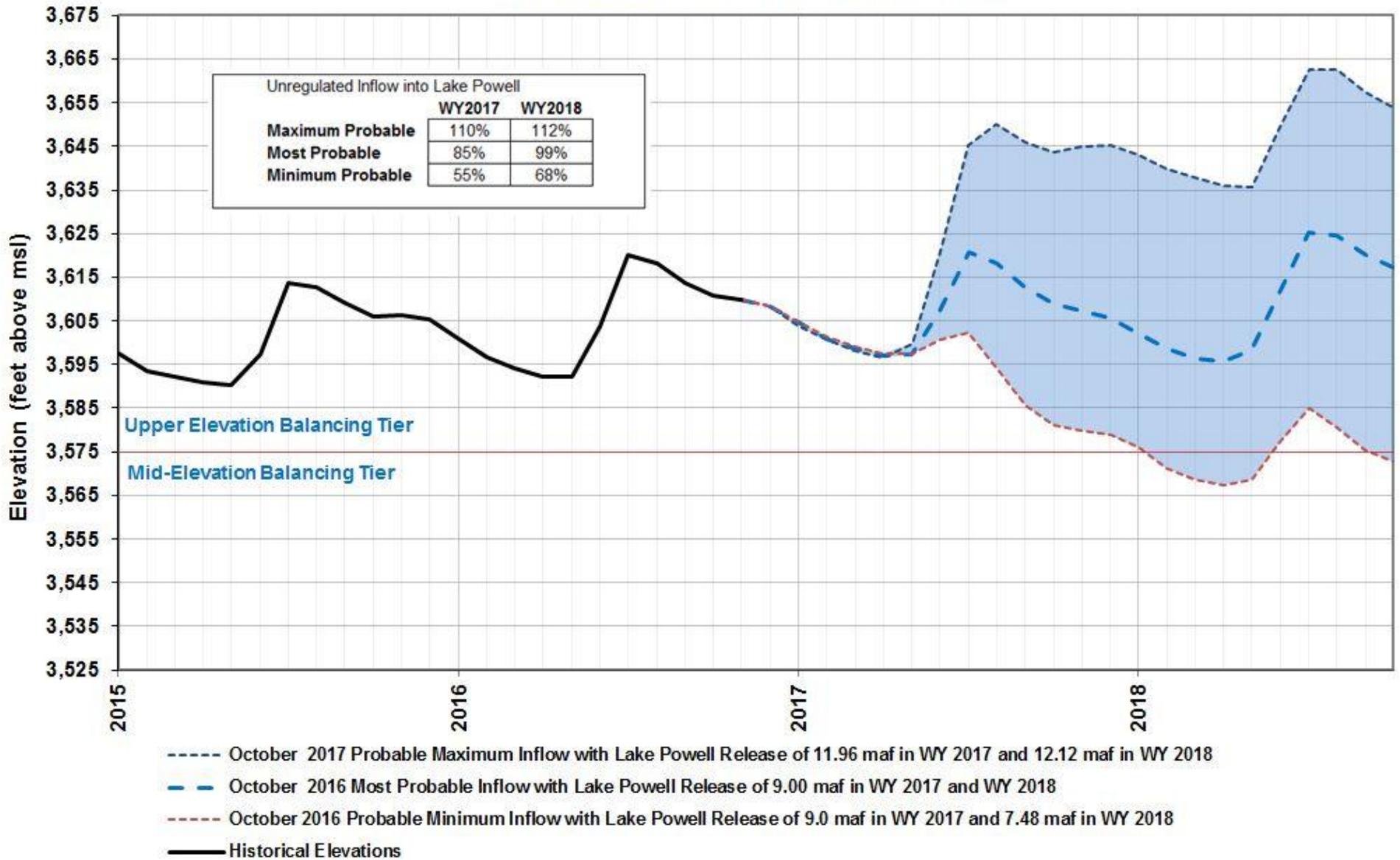
Storage	Elevation (f)	MAF*	% Capacity	Δ year
Lake Mead	1,076.2	9.7	37%	 2.8 ft
Lake Powell	3,609.3	12.7	52%	 3.0 ft
Combined storage		29.8	50%	 0.3 maf

*MAF=Million Acre-Feet

**30-year average, from 1981-2010 (current normal)

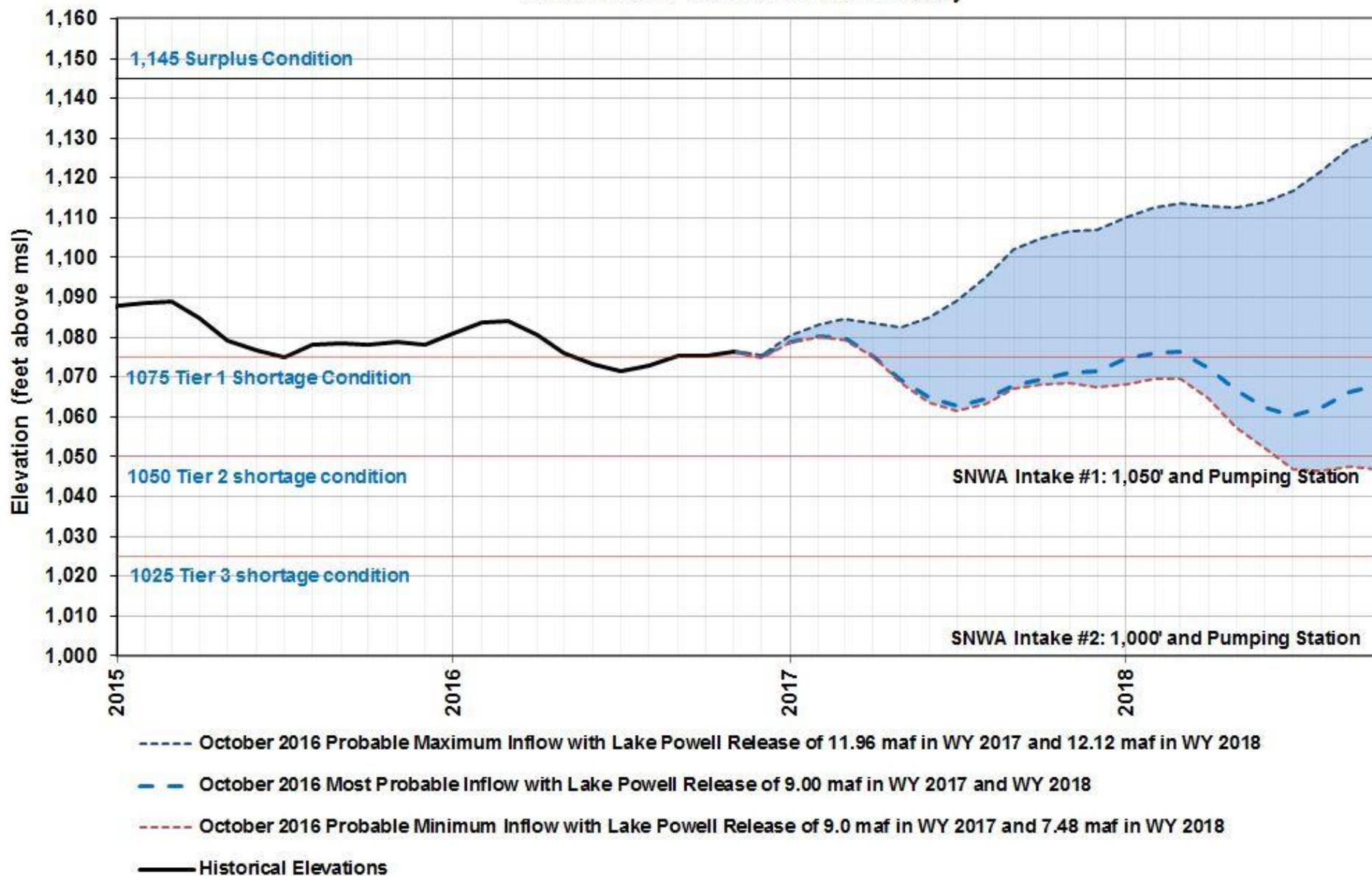
Lake Powell Projections

Reclamation's October 2016 24-Month Study

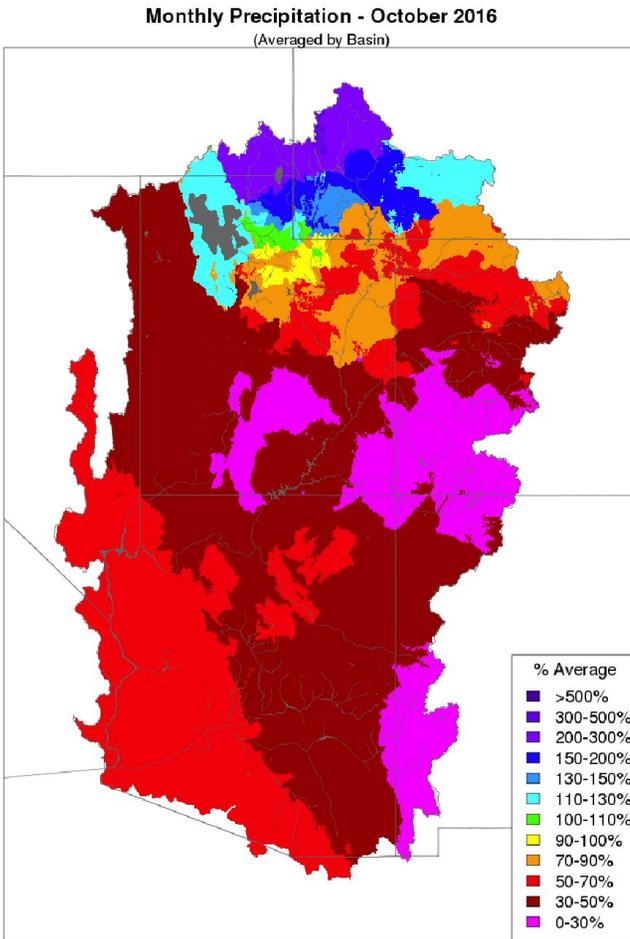


Lake Mead Projections

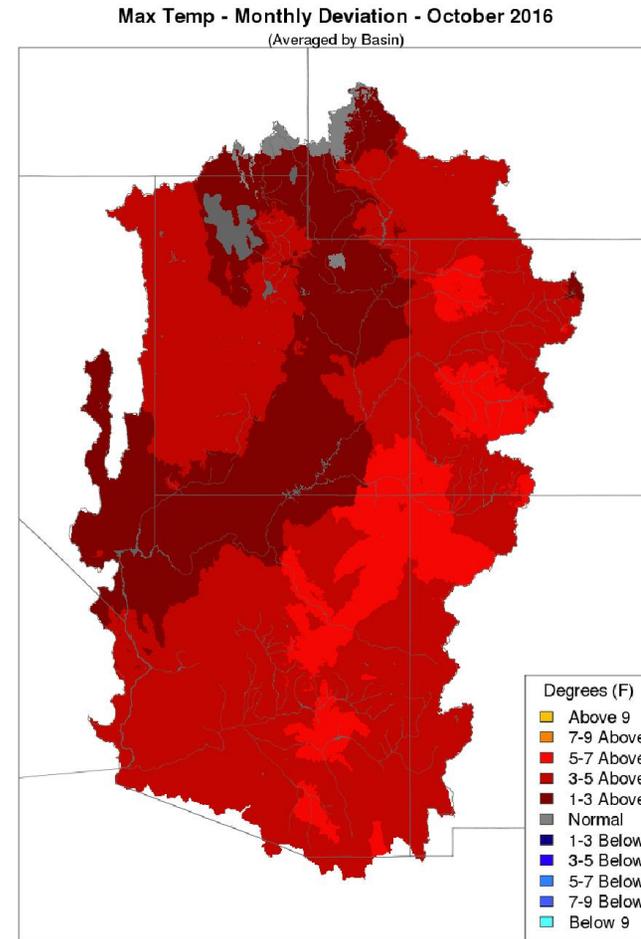
Reclamation's October 24-Month Study



Precipitation and Temperature



Prepared by NOAA, Colorado Basin River Forecast Center
Salt Lake City, Utah, www.cbrfc.noaa.gov

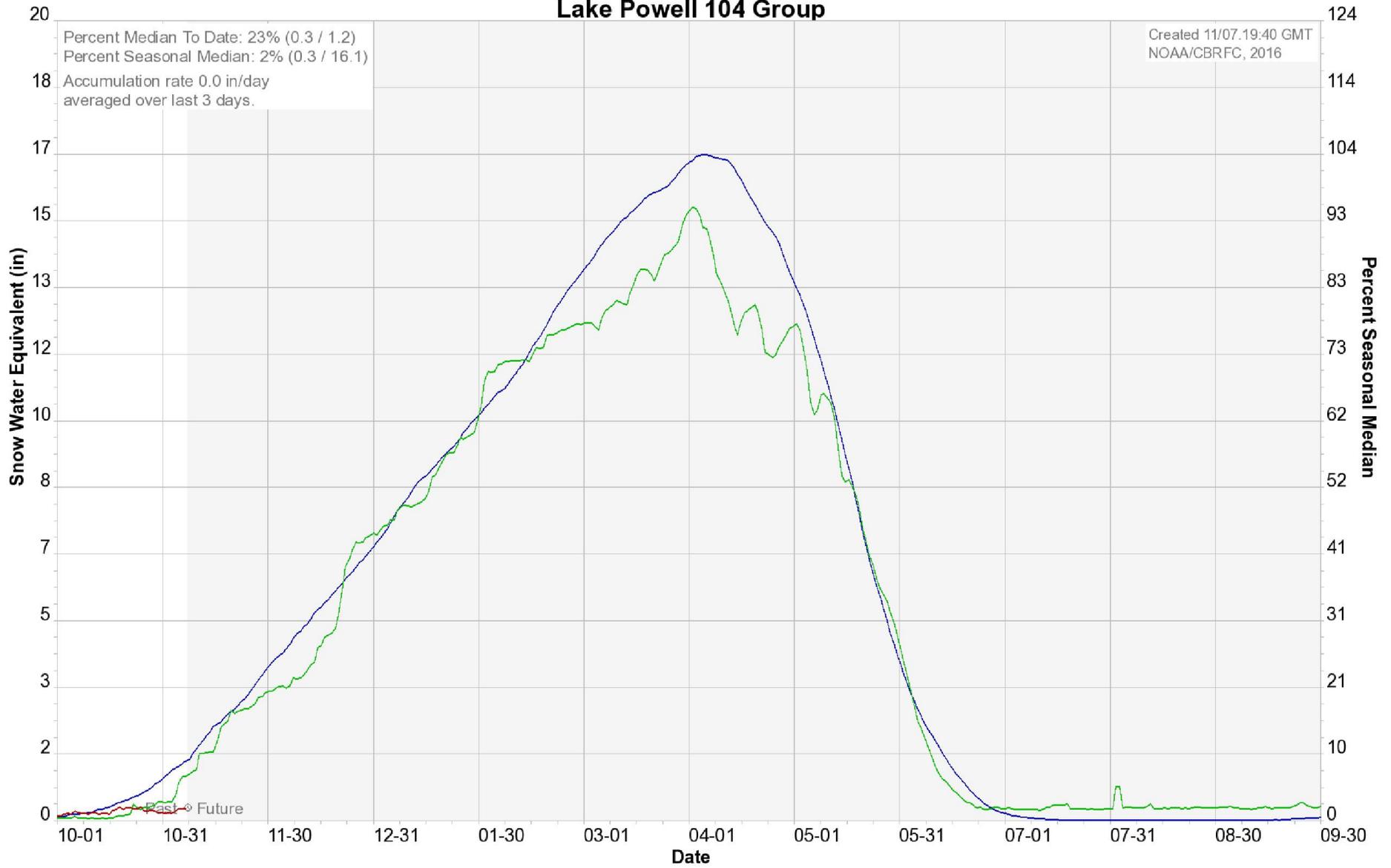


Prepared by NOAA, Colorado Basin River Forecast Center
Salt Lake City, Utah, www.cbrfc.noaa.gov

Above Lake Powell October precipitation: 60%

<http://www.cbrfc.noaa.gov/product/mapsum/mapsum.php?area=cbrfc>

Colorado Basin River Forecast Center Lake Powell 104 Group



Average 1981-2010 — 2016 — 2017 —

Water Use in Southern Nevada

January – September 2016

2016: Consumptive Use = 188,224* af

2015: Consumptive Use = 181,713 af

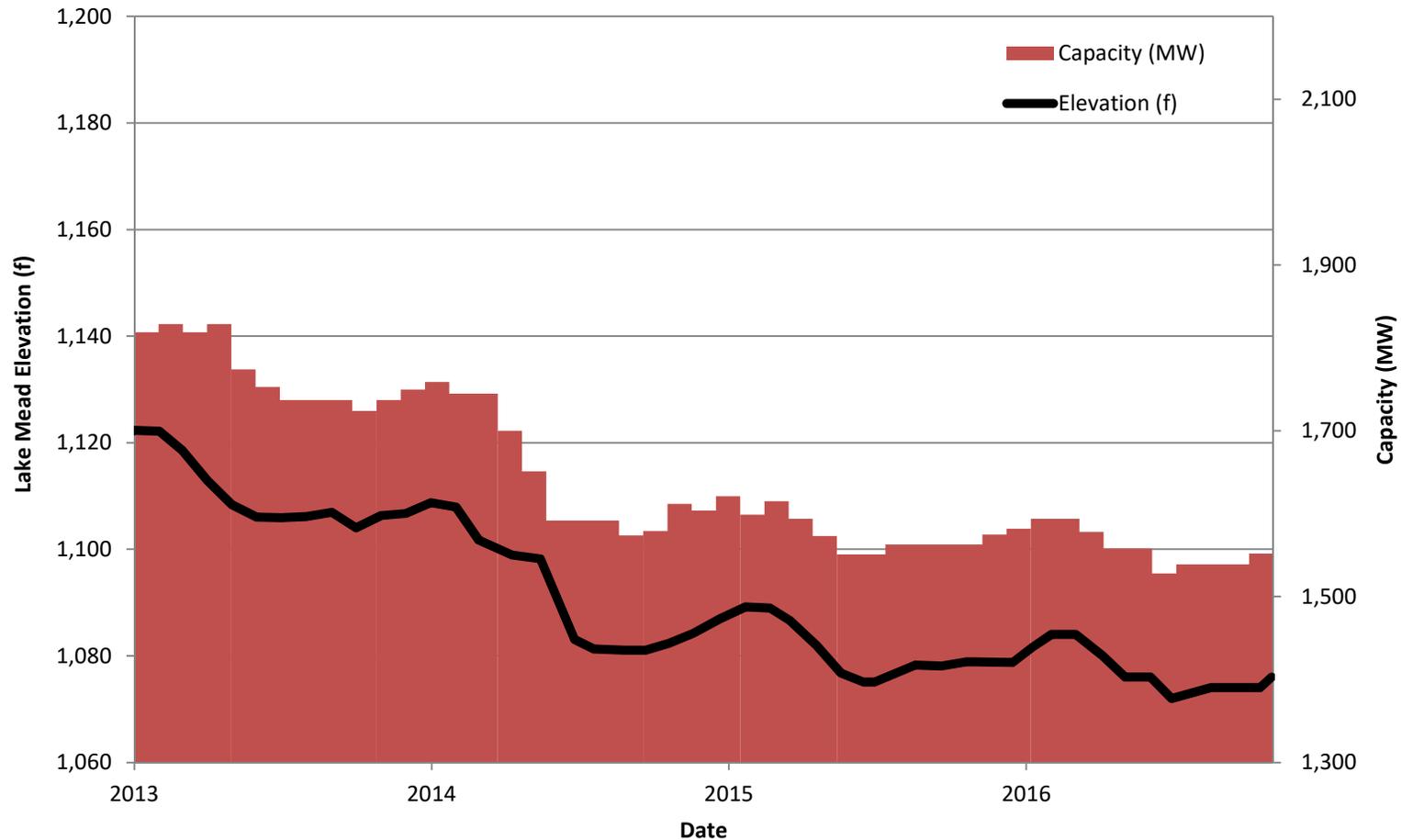
Difference = 6,511 af

*Subject to final accounting.



Hydropower Capacity

Lake Mead Elevation and Hoover Powerplant Generation Capacity



- On November 1, 2016 capacity was increased 13 MW to 1,552 MW.

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Questions?

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