

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%

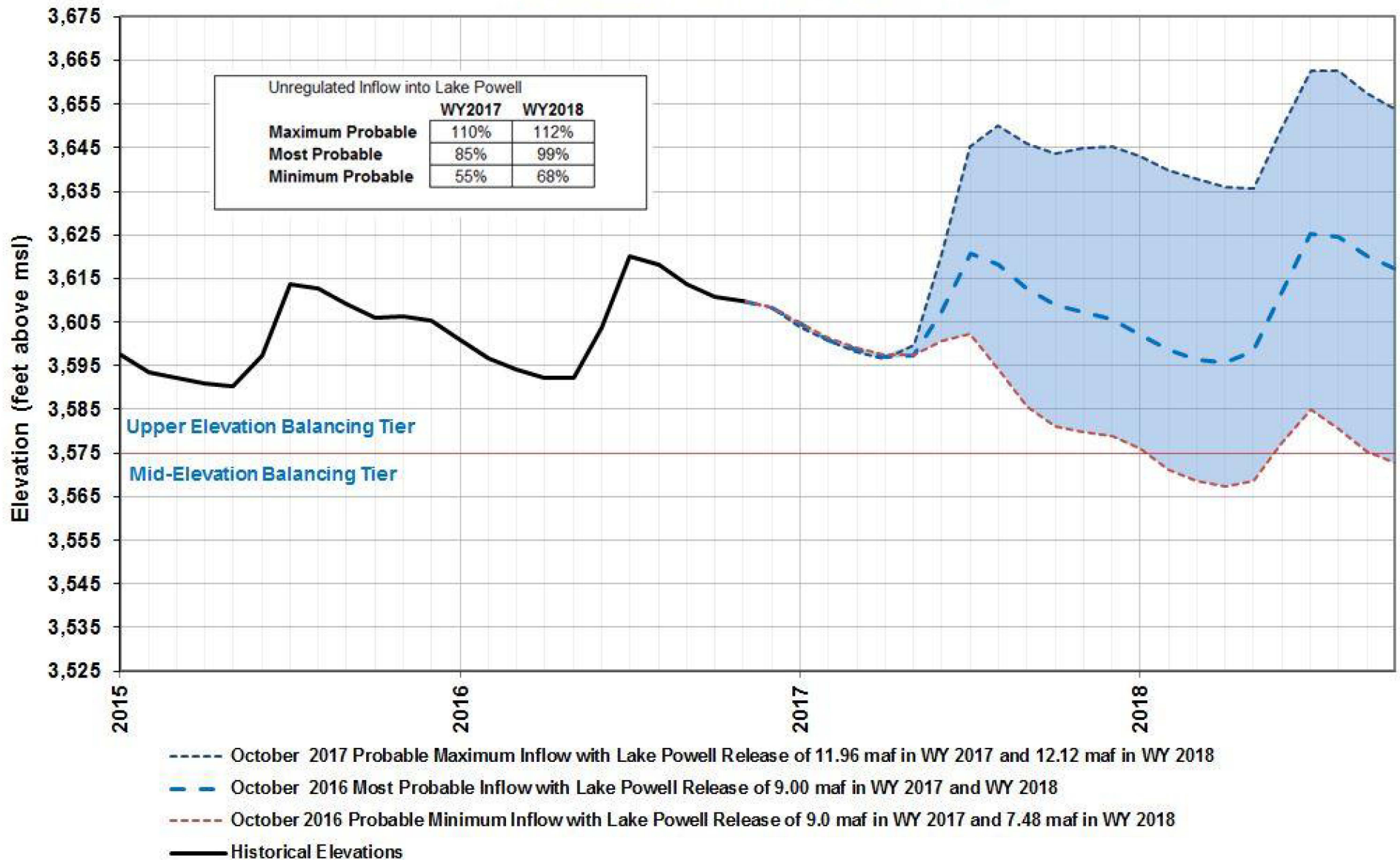
Storage	Elevation (f)	MAF*	% Capacity	Δ year
Lake Mead	1,076.2	9.7	37%	 2.8 ft
Lake Powell	3,609.3	12.7	52%	 3.0 ft
Combined storage		29.8	50%	 0.3 maf

*MAF=Million Acre-Feet

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

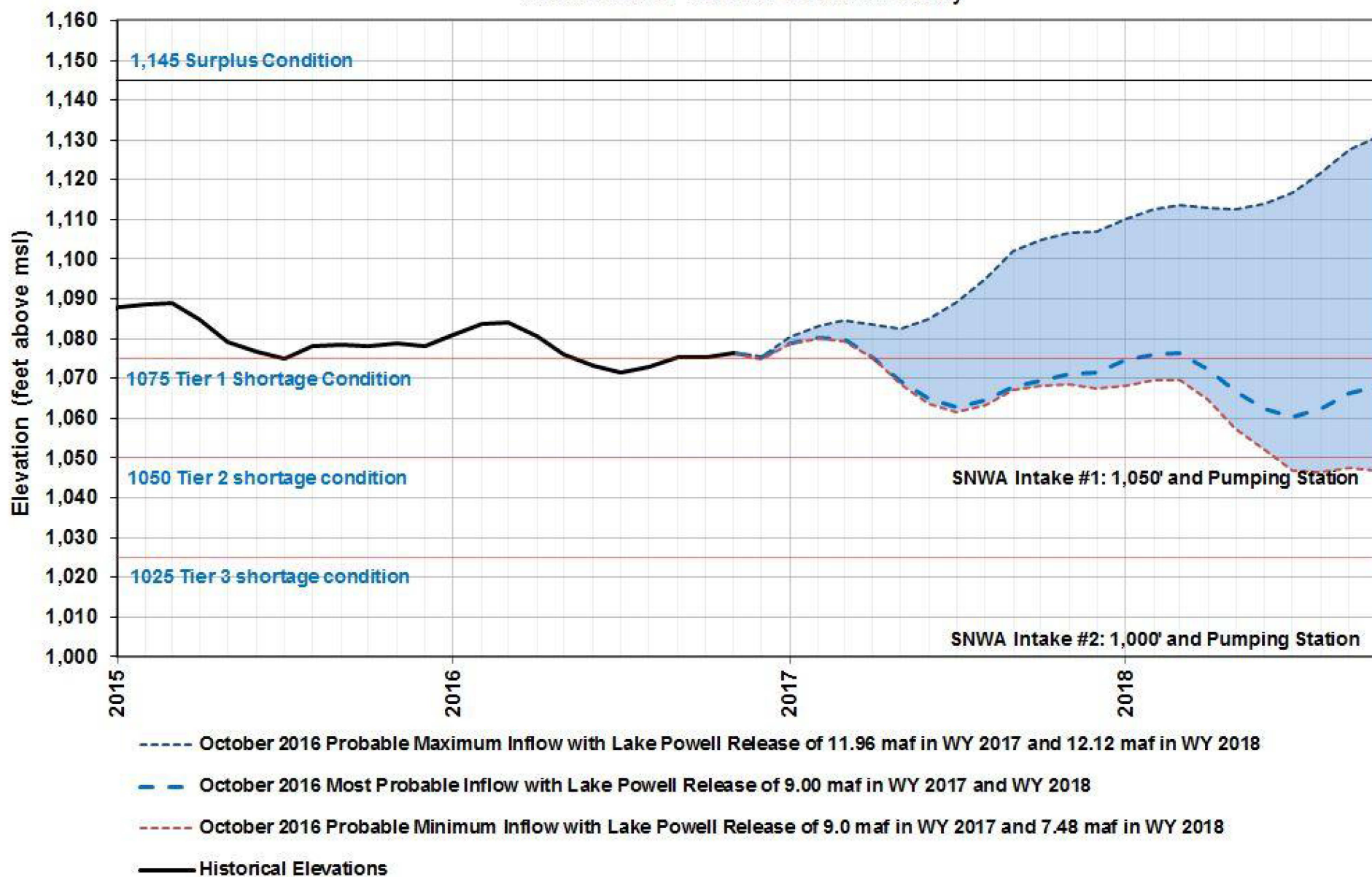
Lake Powell Projections

Reclamation's October 2016 24-Month Study

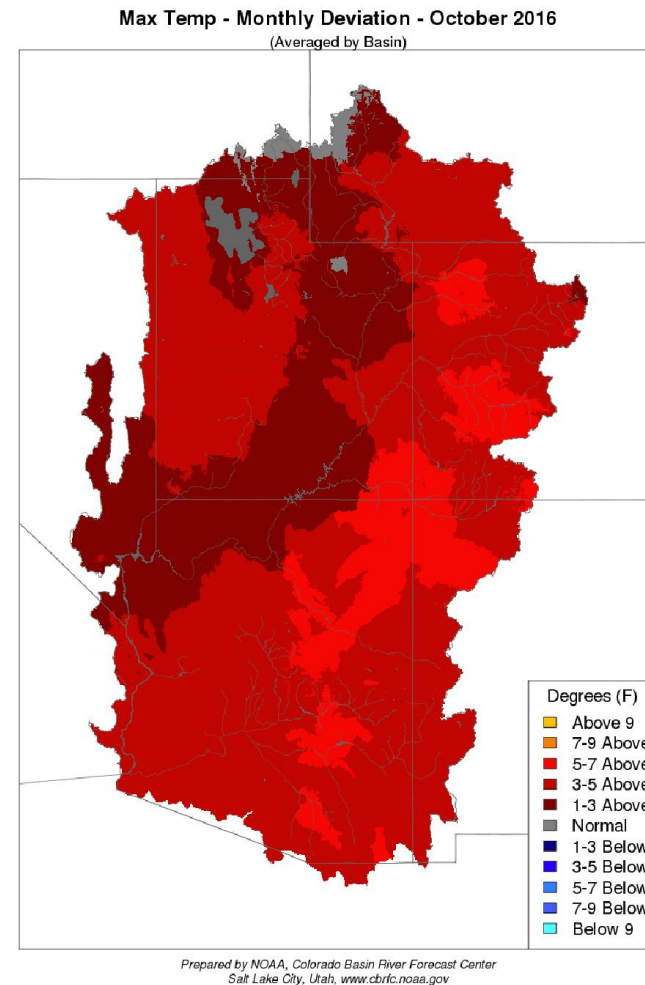
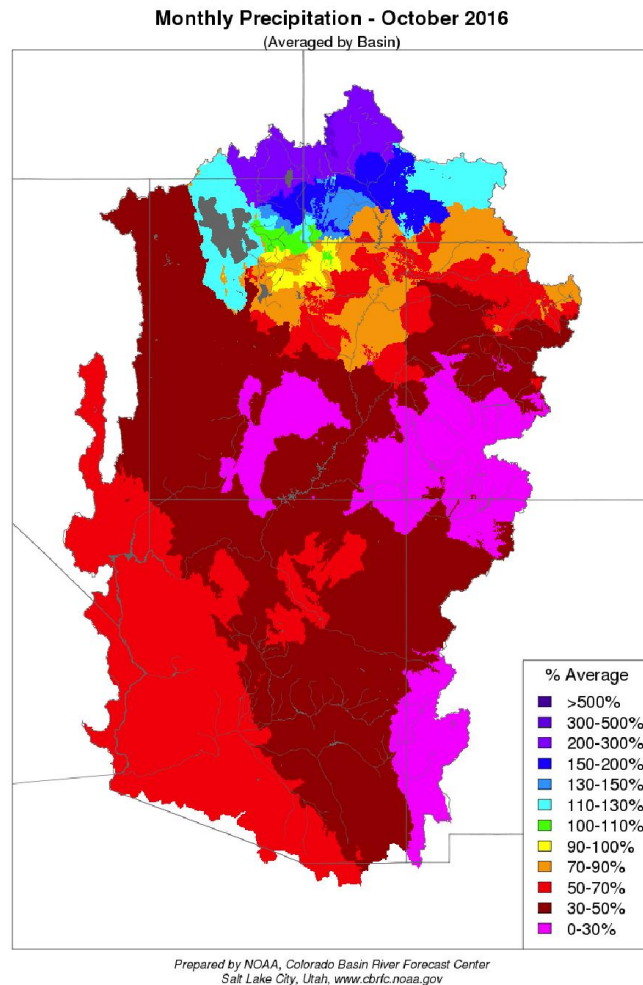


Lake Mead Projections

Reclamation's October 24-Month Study



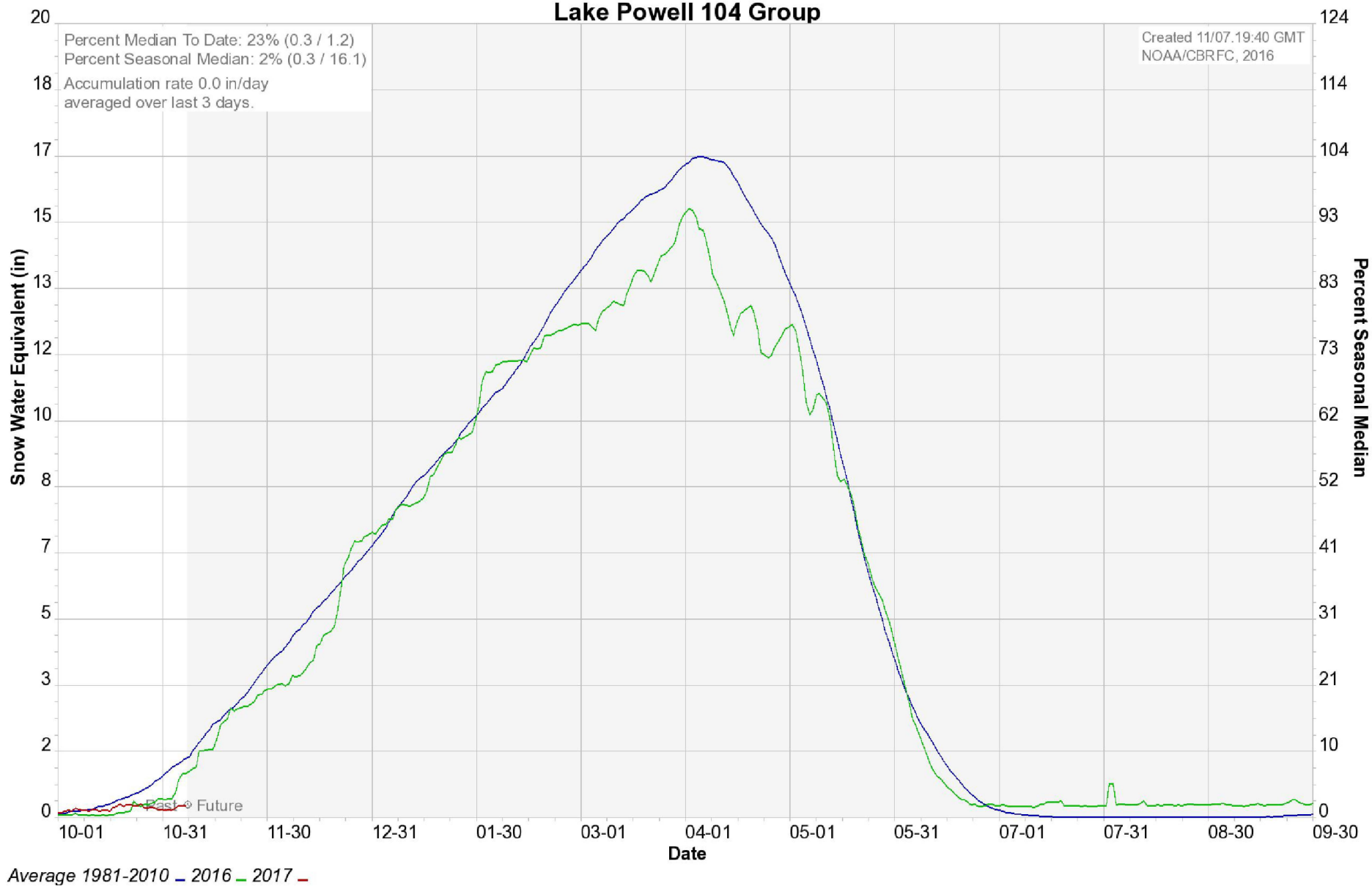
Precipitation and Temperature



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



Water Use in Southern Nevada

January – September 2016

2016: Consumptive Use = 188,224* af

2015: Consumptive Use = 181,713 af

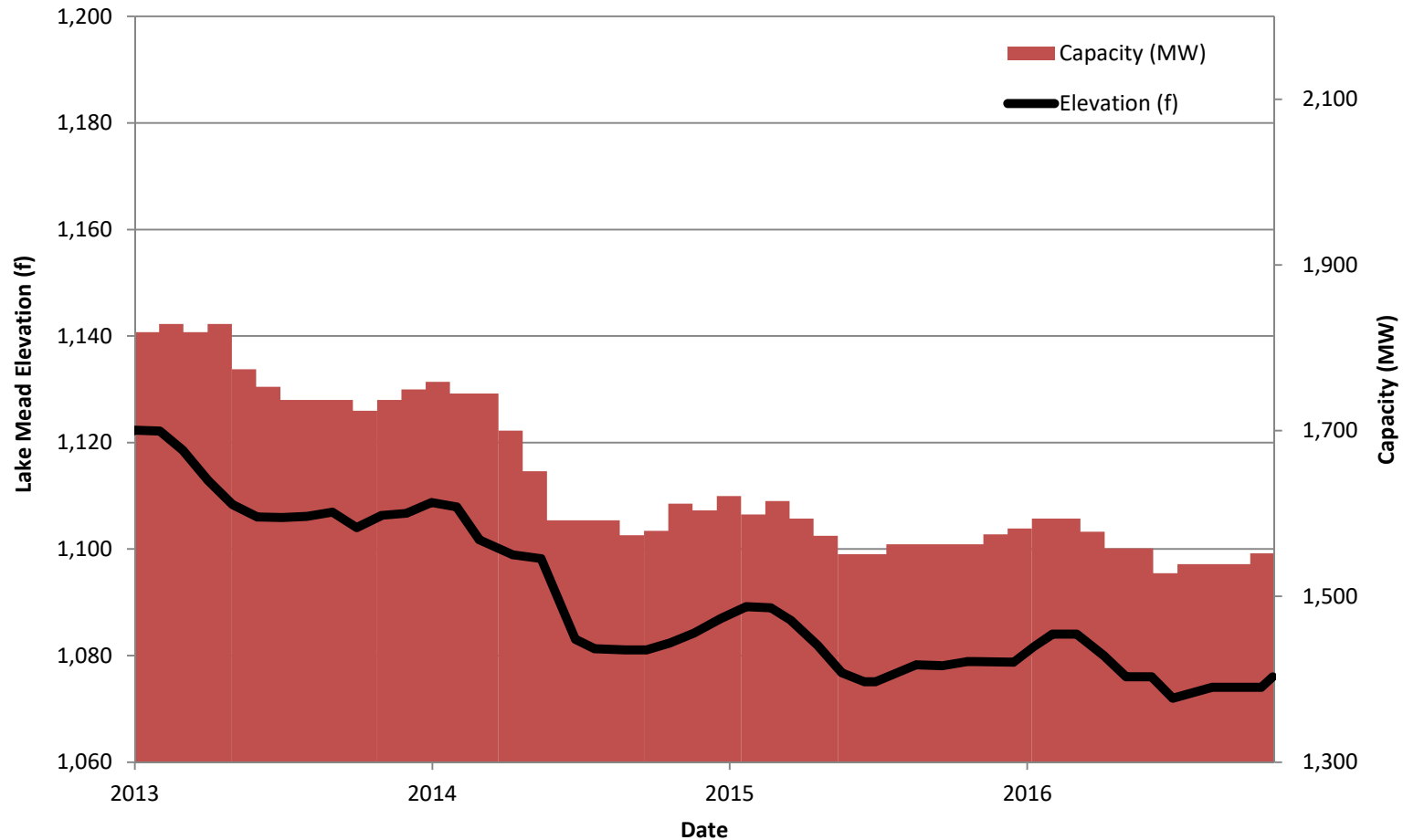
Difference = 6,511 af

*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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