

Colorado River Commission of Nevada




Natural Resources Group Hydrologic Update December 13, 2016



Unregulated Inflow & Storage

As of December 12, 2016

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

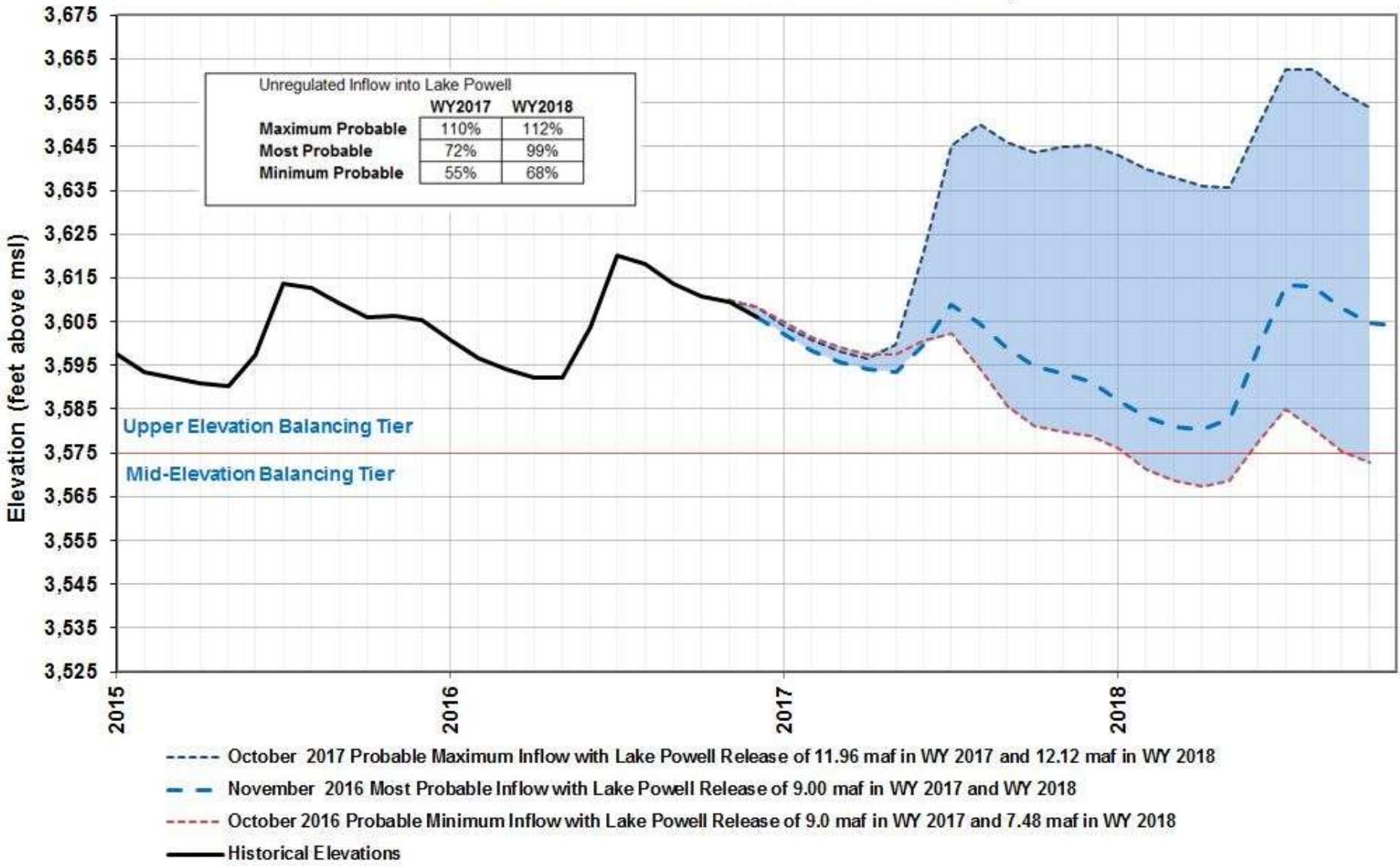
Storage	Elevation (f)	MAF*	% Capacity	Δ year
Lake Mead	1,077.4	9.8	38%	 2.2 ft
Lake Powell	3,603.9	12.1	50%	 0.1 ft
Combined storage		29.5	49%	 0.3 maf

*MAF=Million Acre-Feet

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

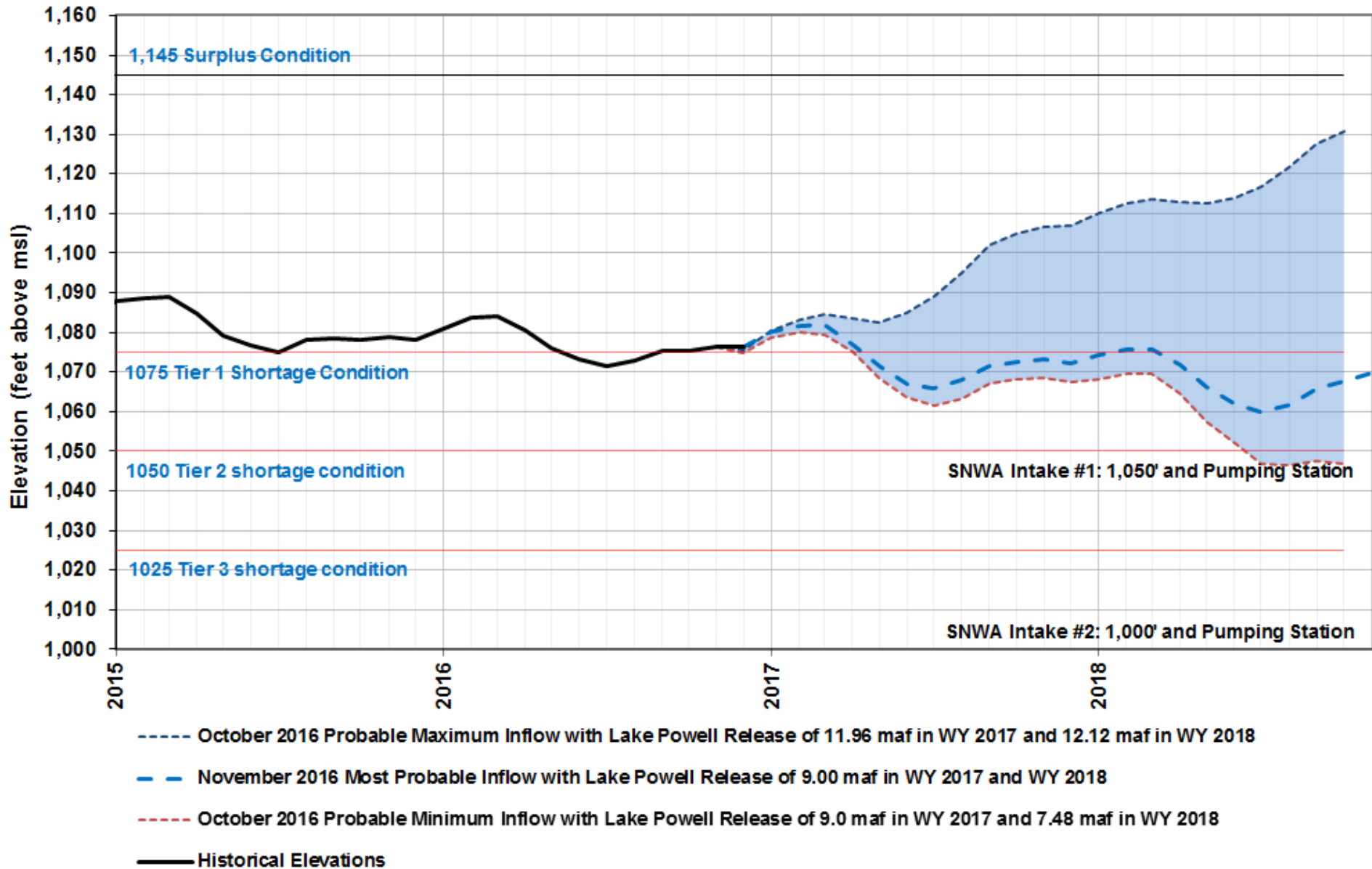
Lake Powell Projections

Reclamation's November 2016 24-Month Study

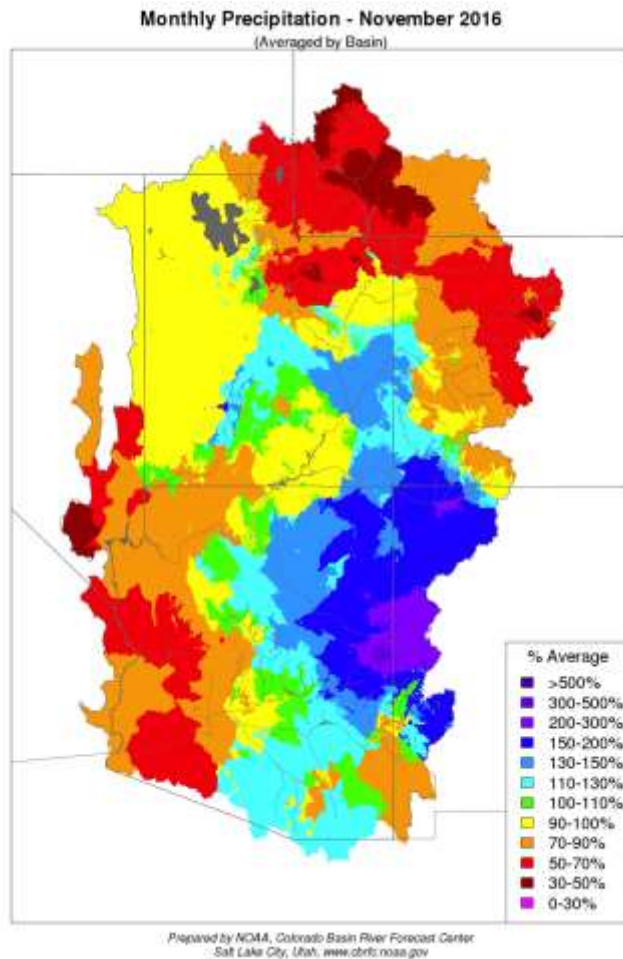


Lake Mead Projections

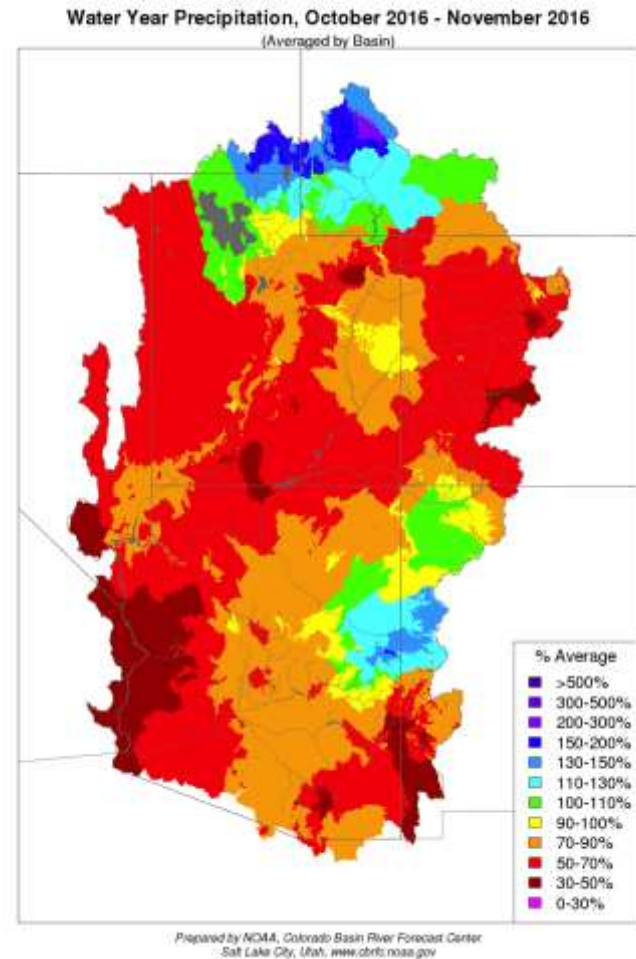
Reclamation's November 2016 24-Month Study



Precipitation



Above Lake Powell
November precipitation: 75%



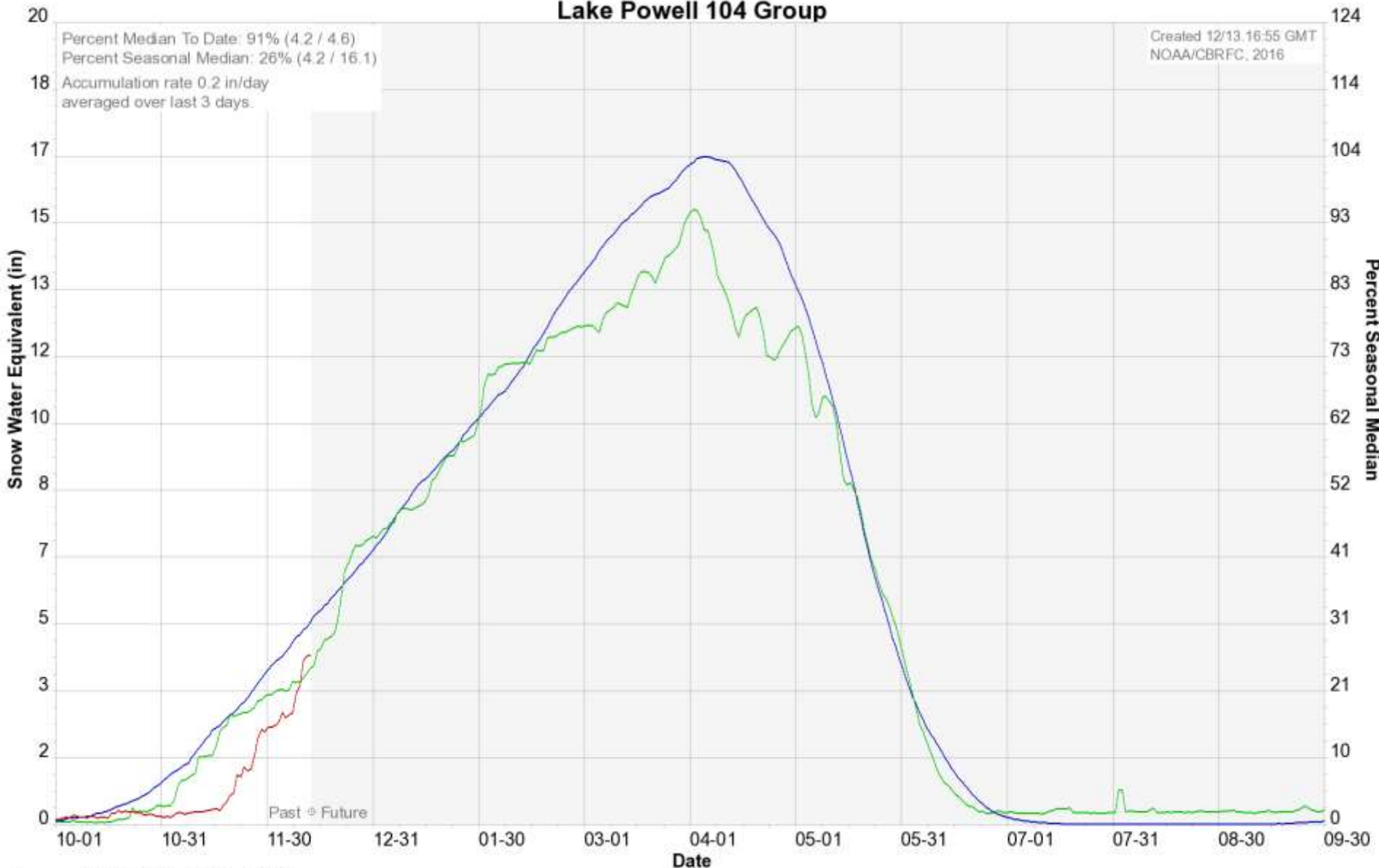
WY 2017 Precipitation:
86% (5.8")

Colorado Basin River Forecast Center Lake Powell 104 Group

Created 12/13 16:55 GMT
NOAA/CBRFC, 2016

Percent Median To Date: 91% (4.2 / 4.6)
Percent Seasonal Median: 26% (4.2 / 16.1)

Accumulation rate 0.2 in/day
averaged over last 3 days.



Average 1981-2010 - 2016 - 2017 -

Water Use in Southern Nevada

January – October 2016

2016: Consumptive Use = 188,224* af

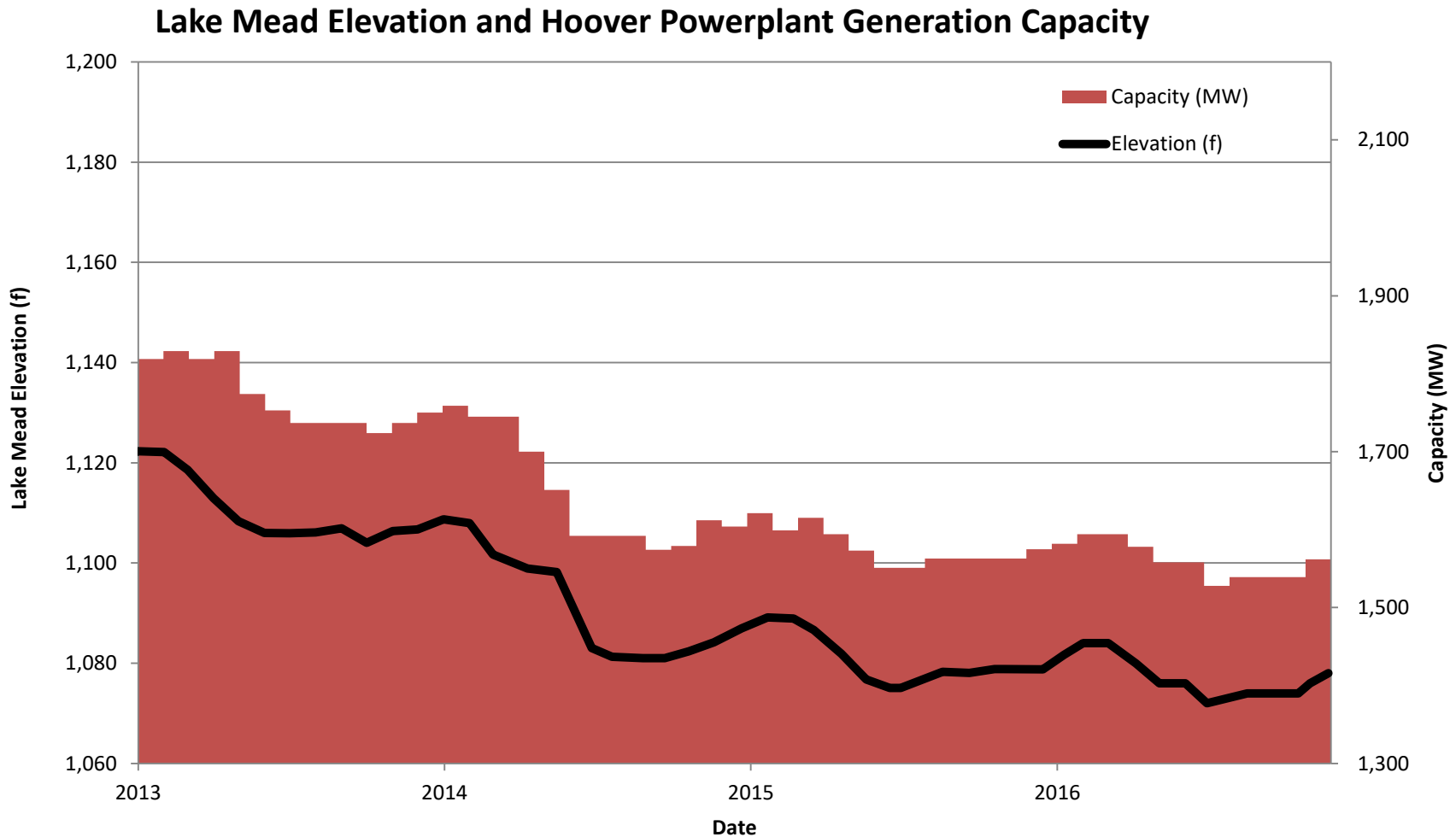
2015: Consumptive Use = 181,713 af

Difference = 6,511 af

*Subject to final accounting.



Hydropower Capacity



- On November 23, 2016 capacity was increased 10 MW to 1,562 MW.

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Questions?

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