

Colorado River Commission of Nevada





Natural Resources Group Hydrologic Update March 14, 2017



Unregulated Inflow & Storage

As of March 13, 2017

Projected unregulated inflow to Lake Powell	MAF*	% Avg**
WY 2017 (Forecast):	14.35	132%
April-July 2017 (Forecast):	10.4	145%

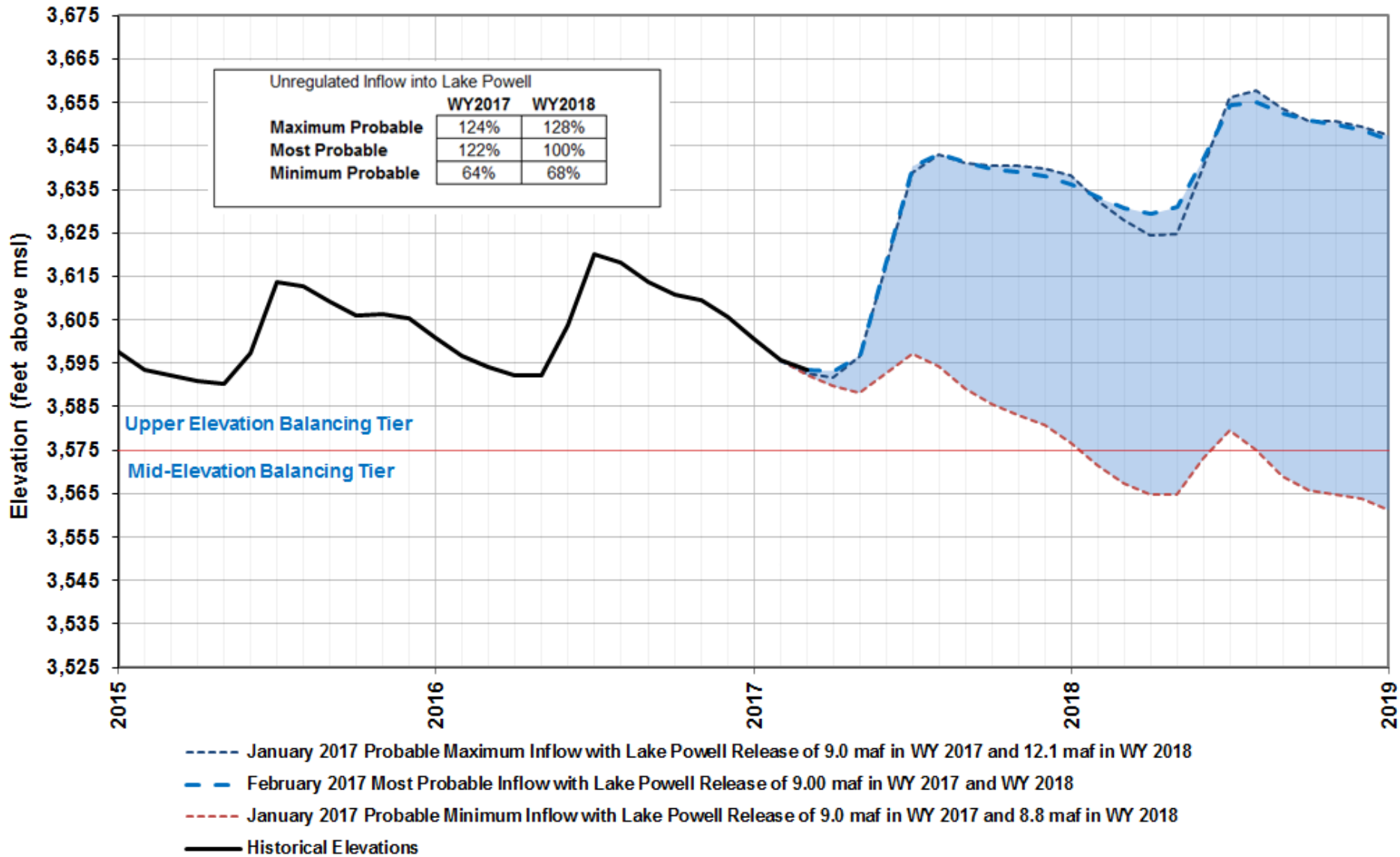
Storage	Elevation (f)	MAF*	% Capacity	 Δ year
Lake Mead	1,089.2	10.8	41%	 6.8 ft
Lake Powell	3,594.0	11.2	46%	 0.3 ft
Combined storage		29.5	50%	 0.5 maf

*MAF=Million Acre-Feet

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

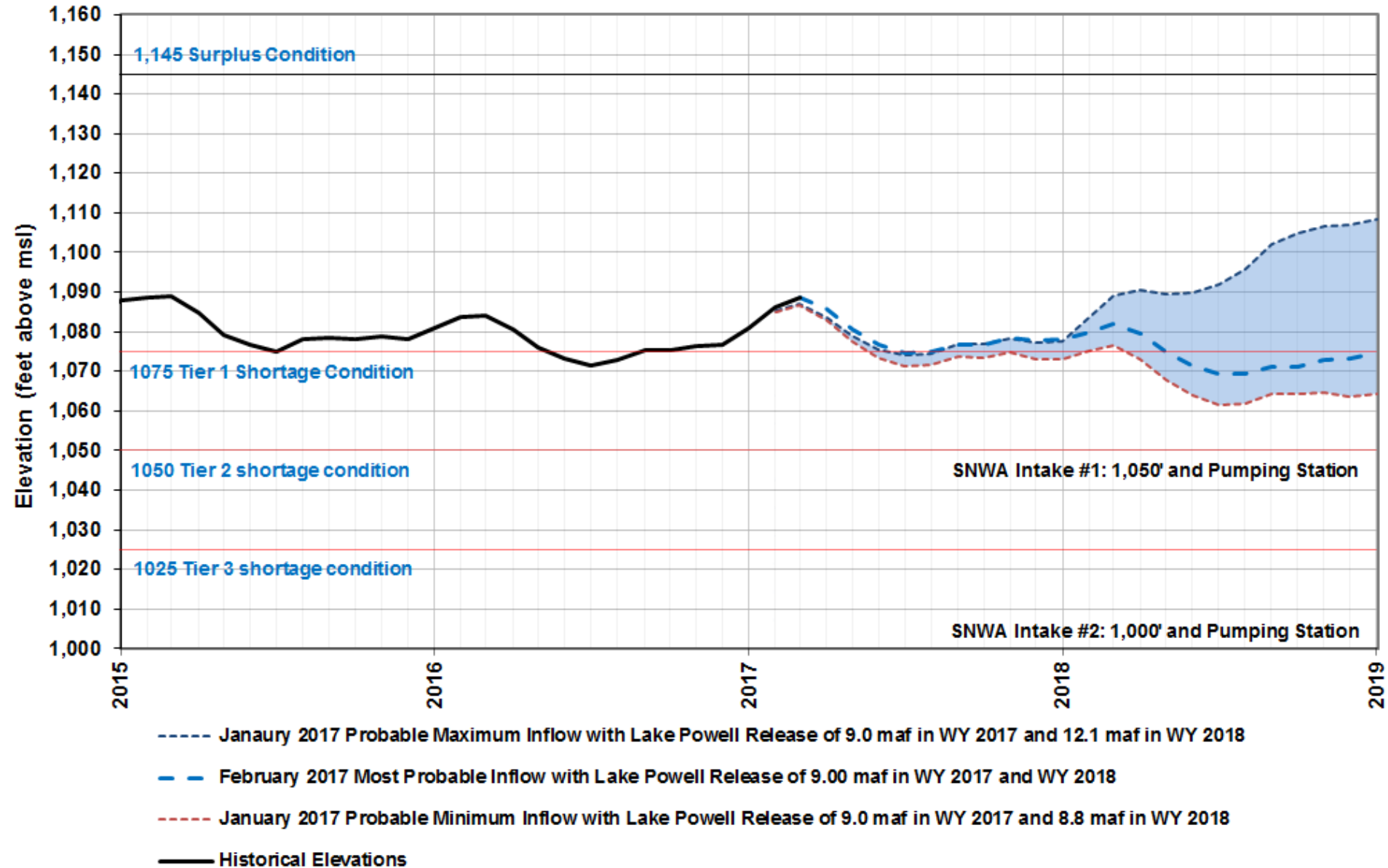
Lake Powell Projections

Reclamation's February 2017 24-Month Study



Lake Mead Projections

Reclamation's February 2017 24-Month Study

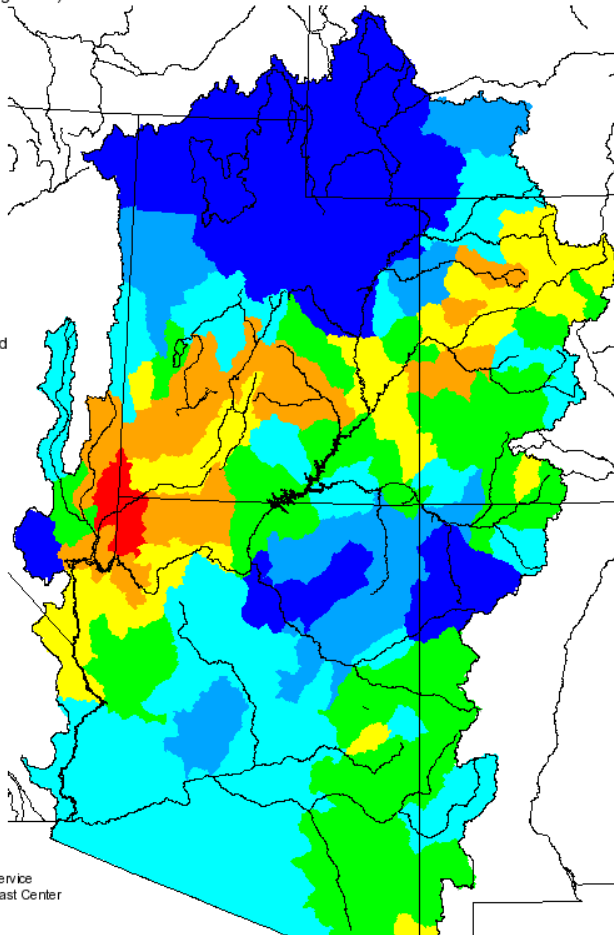
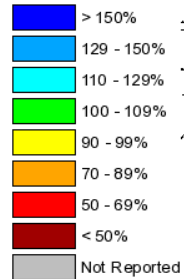


Precipitation

Monthly Precipitation for February 2017

(Averaged by Hydrologic Unit)

% Average



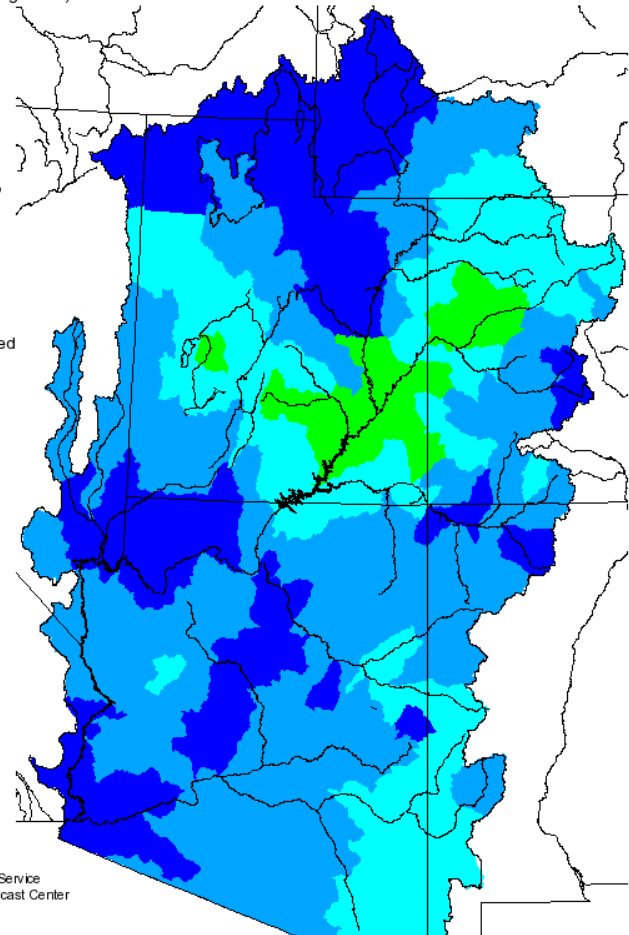
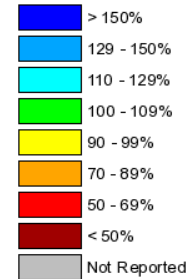
Prepared by
NOAA, National Weather Service
Colorado Basin River Forecast Center
Salt Lake City, Utah
www.cbrfc.noaa.gov

Above Lake Powell
February precipitation: 119%

Seasonal Precipitation, October 2016 - February 2017

(Averaged by Hydrologic Unit)

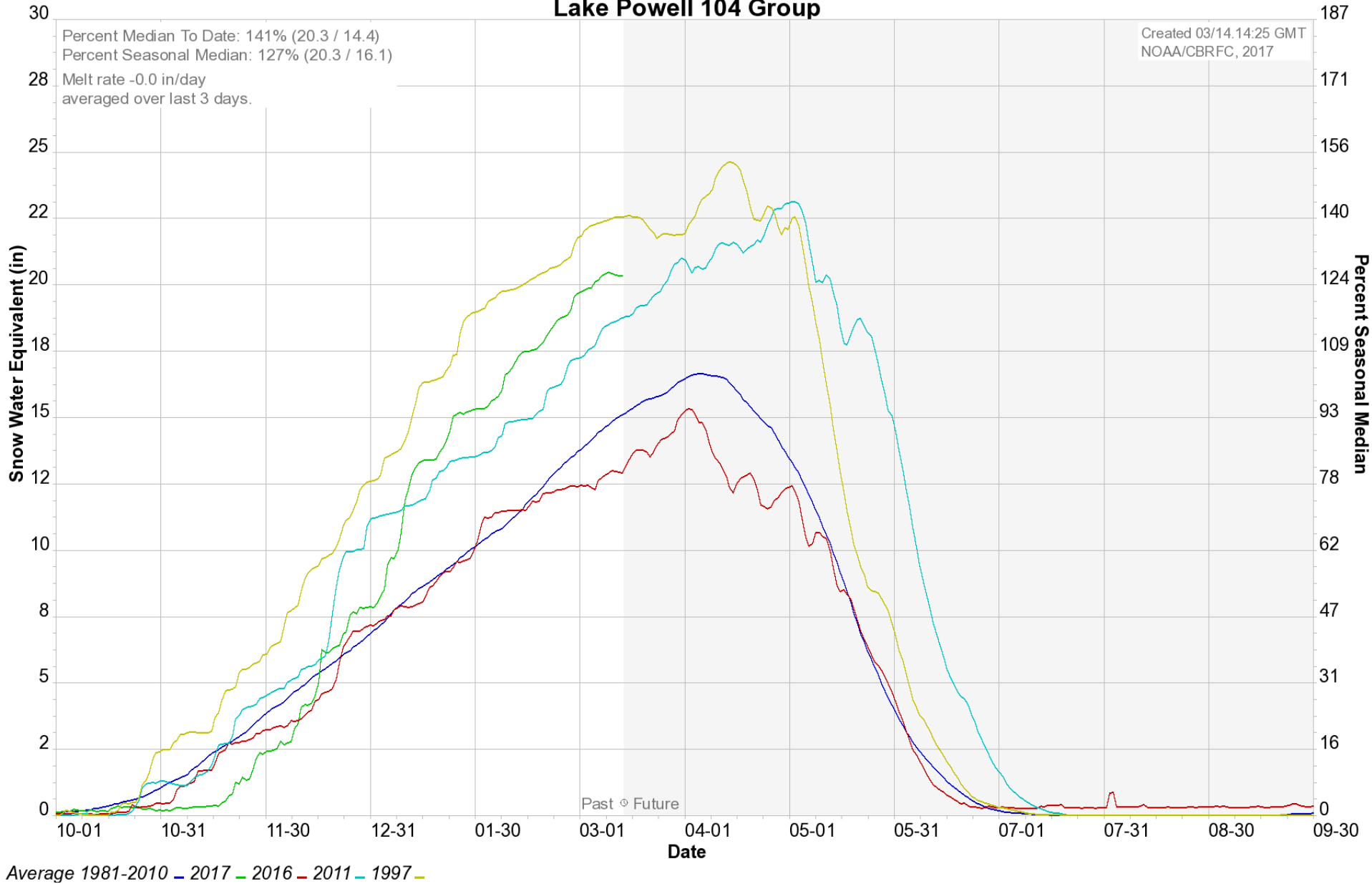
% Average



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www.cbrfc.noaa.gov

WY 2017 Precipitation:
127% (19.3")

Colorado Basin River Forecast Center Lake Powell 104 Group



Current basin snowpack: 143% (20.2")

Water Use in Southern Nevada

January 2017

2017: Consumptive Use = 7,508* af

2016: Consumptive Use = 8,451* af

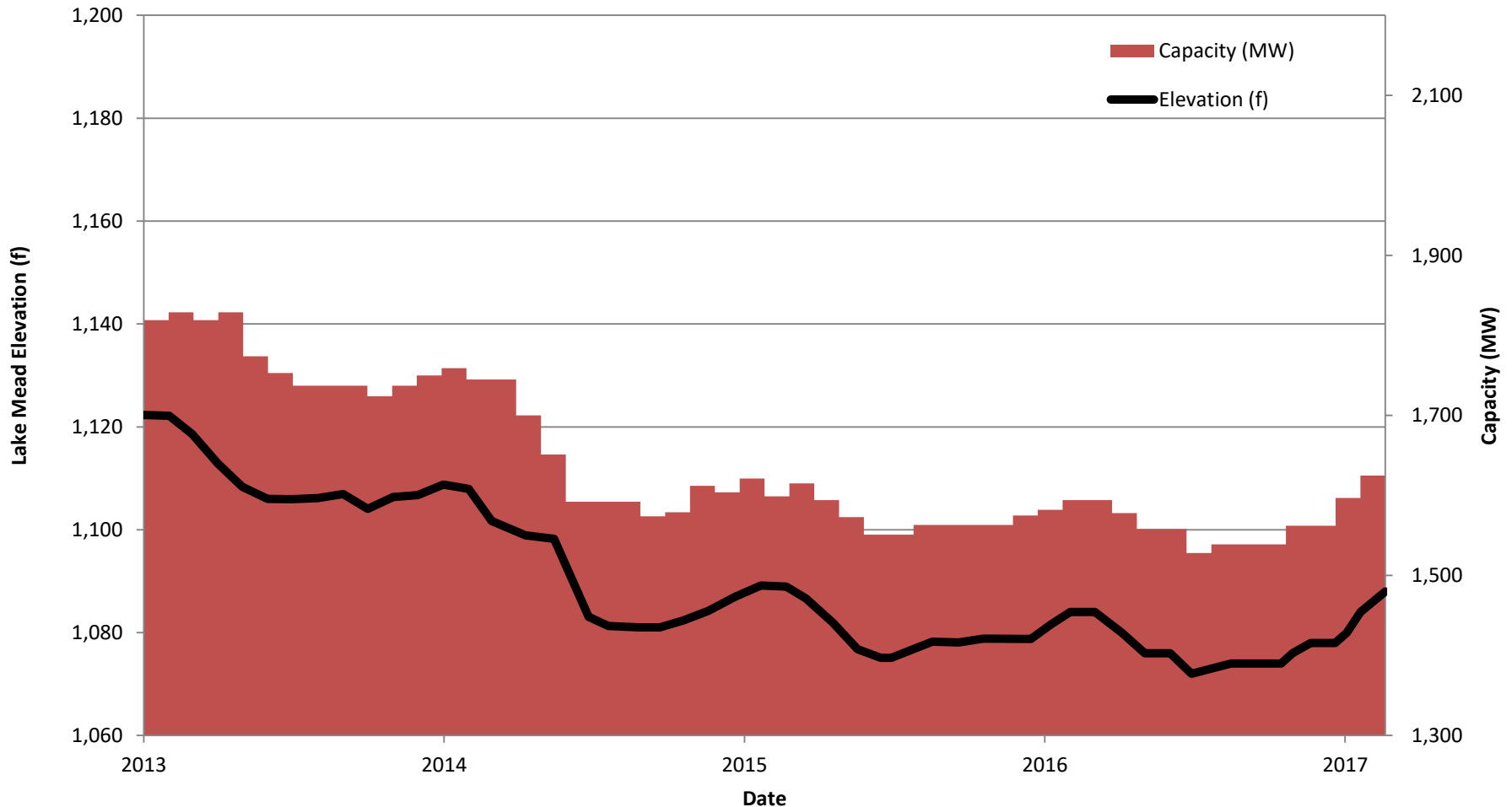
Difference = -943 af

*Subject to final accounting.



Hydropower Capacity

Lake Mead Elevation and Hoover Powerplant Generation Capacity



- On February 22, 2017 capacity was increased to 1,625 MW.

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Questions?

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