

Colorado River Commission of Nevada




Natural Resources Group Hydrologic Update January 10, 2017



Unregulated Inflow & Storage

As of January 9, 2017

Projected unregulated inflow to Lake Powell	MAF*	% Avg**
WY 2017 (Forecast):	9.51	88%
April-July 2017 (Forecast):	6.50	91%

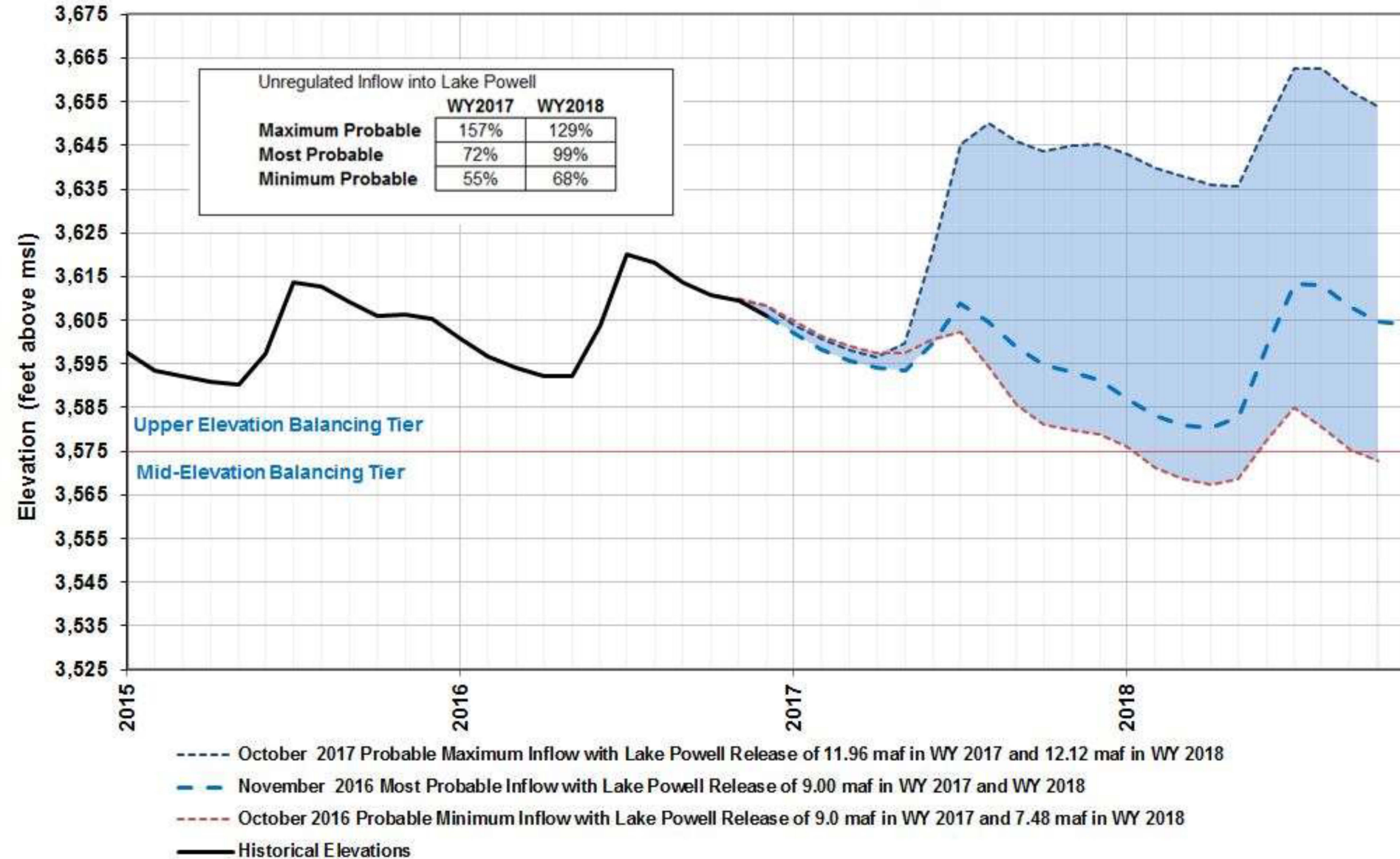
Storage	Elevation (f)	MAF*	% Capacity	Δ year
Lake Mead	1,081.8	10.2	39%	 0.2 ft
Lake Powell	3,599.3	11.7	48%	 0.1 ft
Combined storage		29.5	49%	 0.1 maf

*MAF=Million Acre-Feet

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

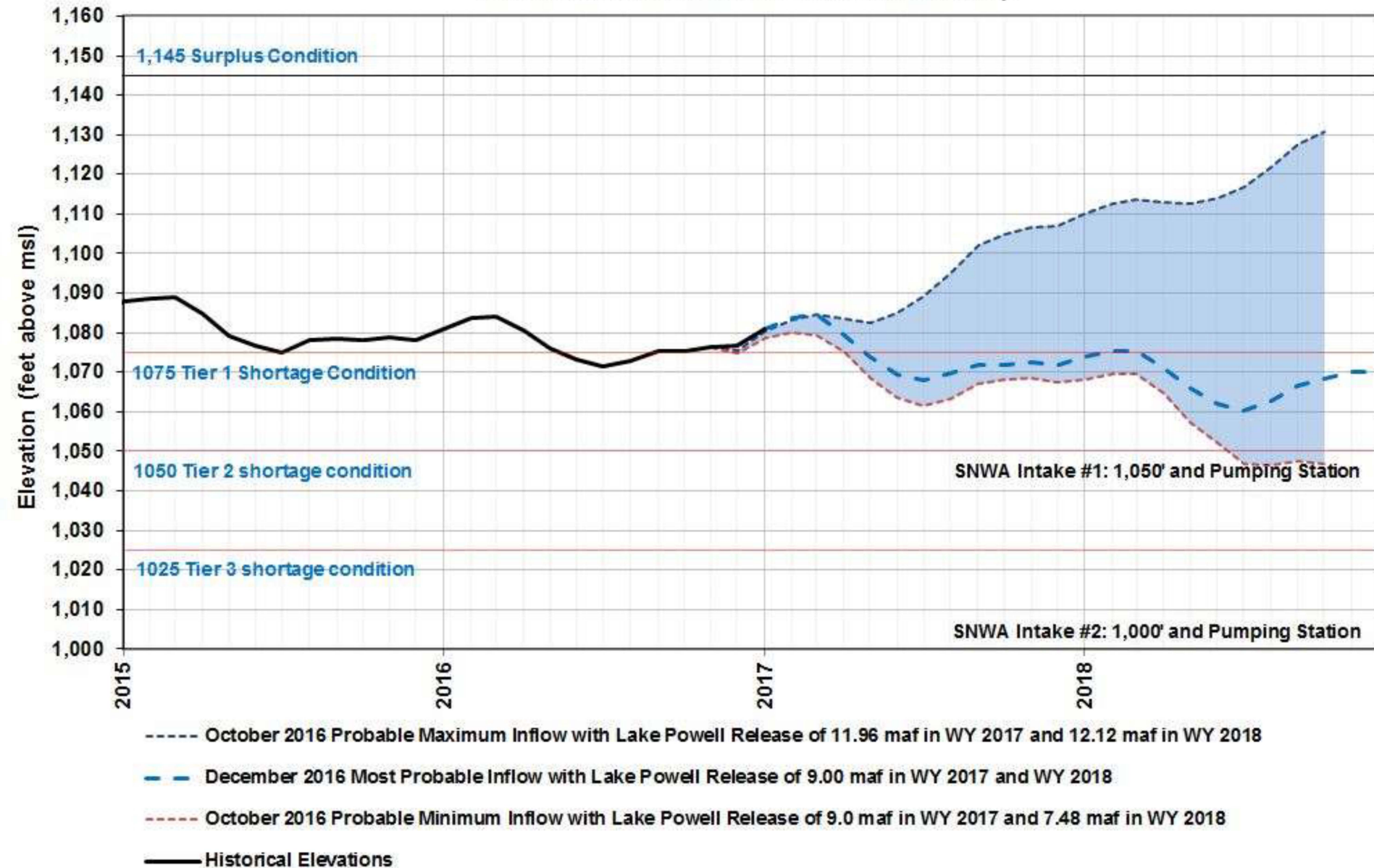
Lake Powell Projections

Reclamation's December 2016 24-Month Study



Lake Mead Projections

Reclamation's December 2016 24-Month Study

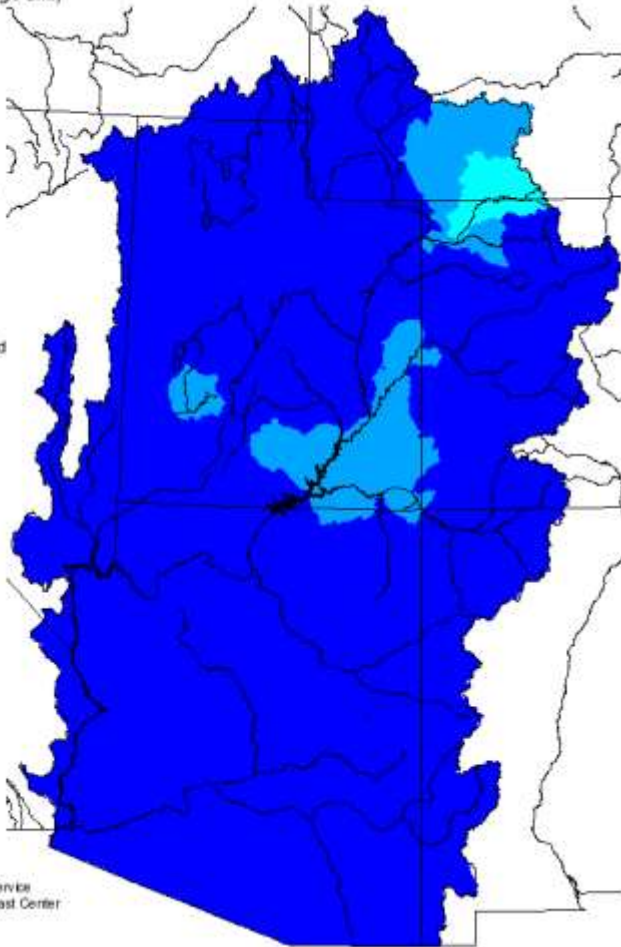
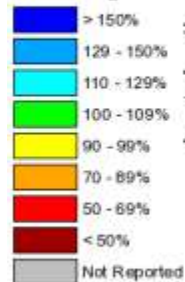


Precipitation

Monthly Precipitation for December 2016

(Averaged by Hydrologic Unit)

% Average



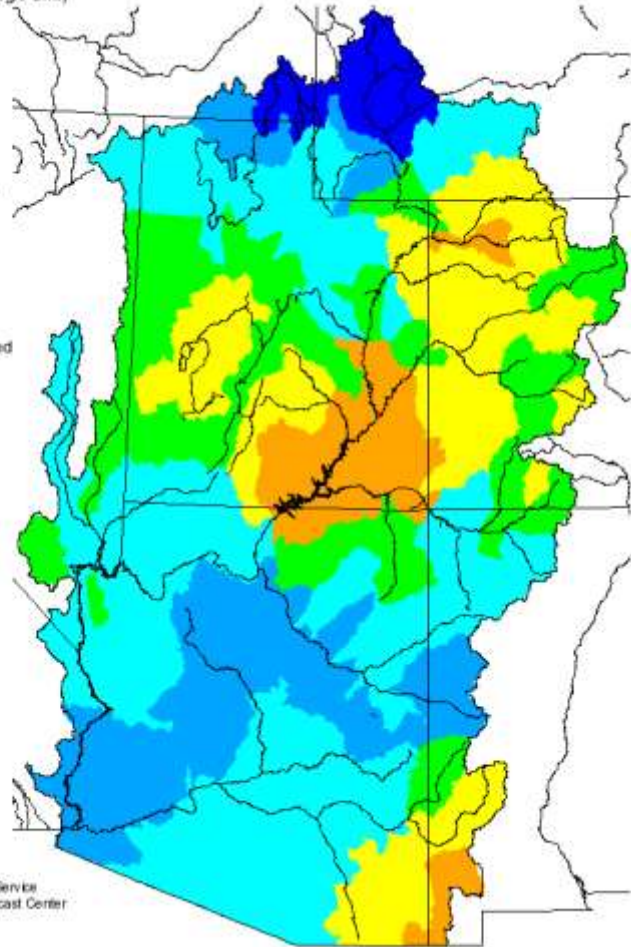
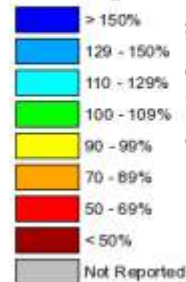
Prepared by
NOAA, National Weather Service
Colorado Basin River Forecast Center
Salt Lake City, Utah
www.cbrfc.noaa.gov

Above Lake Powell
December precipitation: 180%

Seasonal Precipitation, October 2016 - December 2016

(Averaged by Hydrologic Unit)

% Average



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

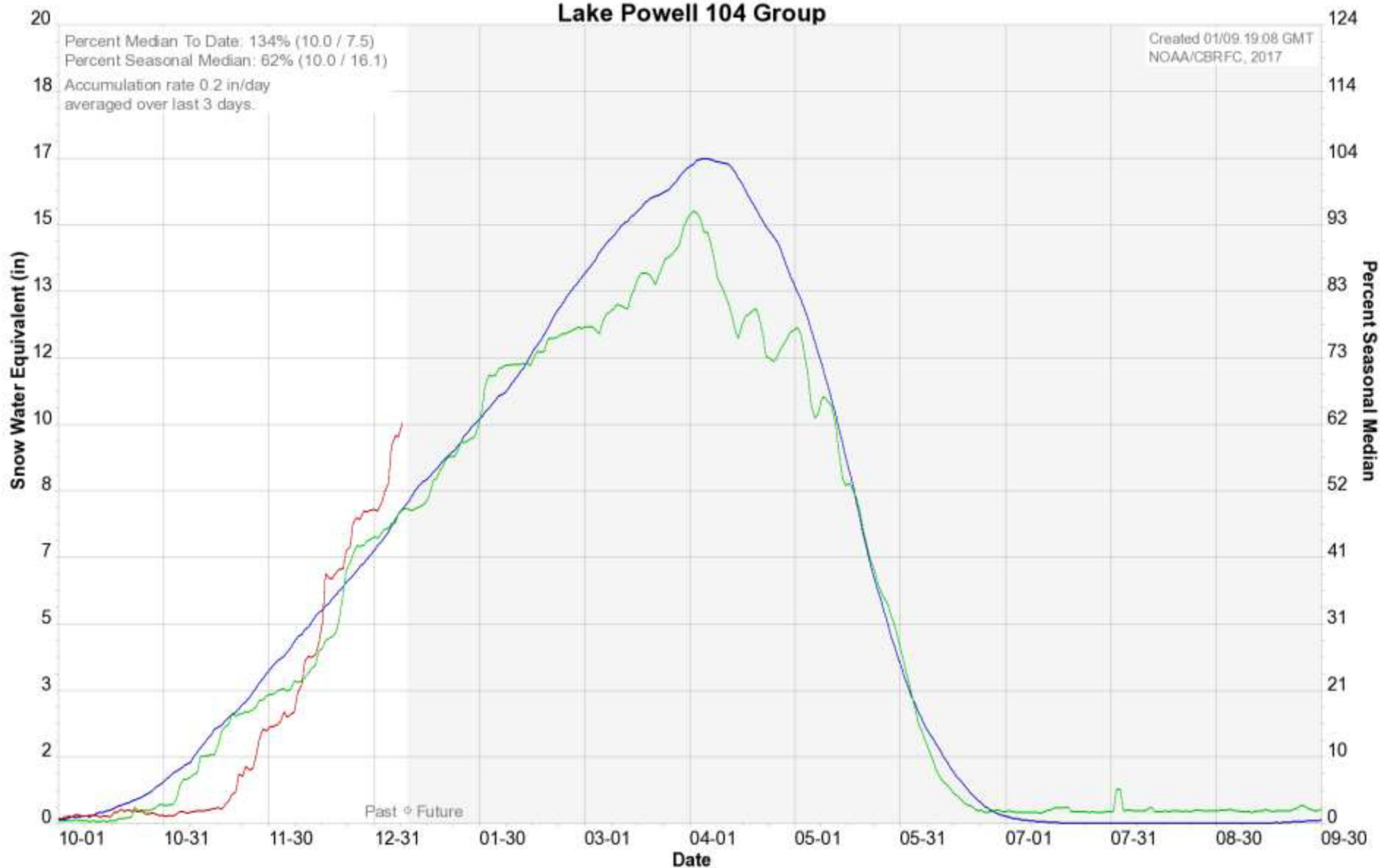
WY 2017 Precipitation:
122% (11.7")

Colorado Basin River Forecast Center Lake Powell 104 Group

Created 01/09 19:08 GMT
NOAA/CBRFC, 2017

Percent Median To Date: 134% (10.0 / 7.5)
Percent Seasonal Median: 62% (10.0 / 16.1)

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



Average 1981-2010 — 2016 — 2017 —

Water Use in Southern Nevada

January – November 2016

2016: Consumptive Use = 228,873* af

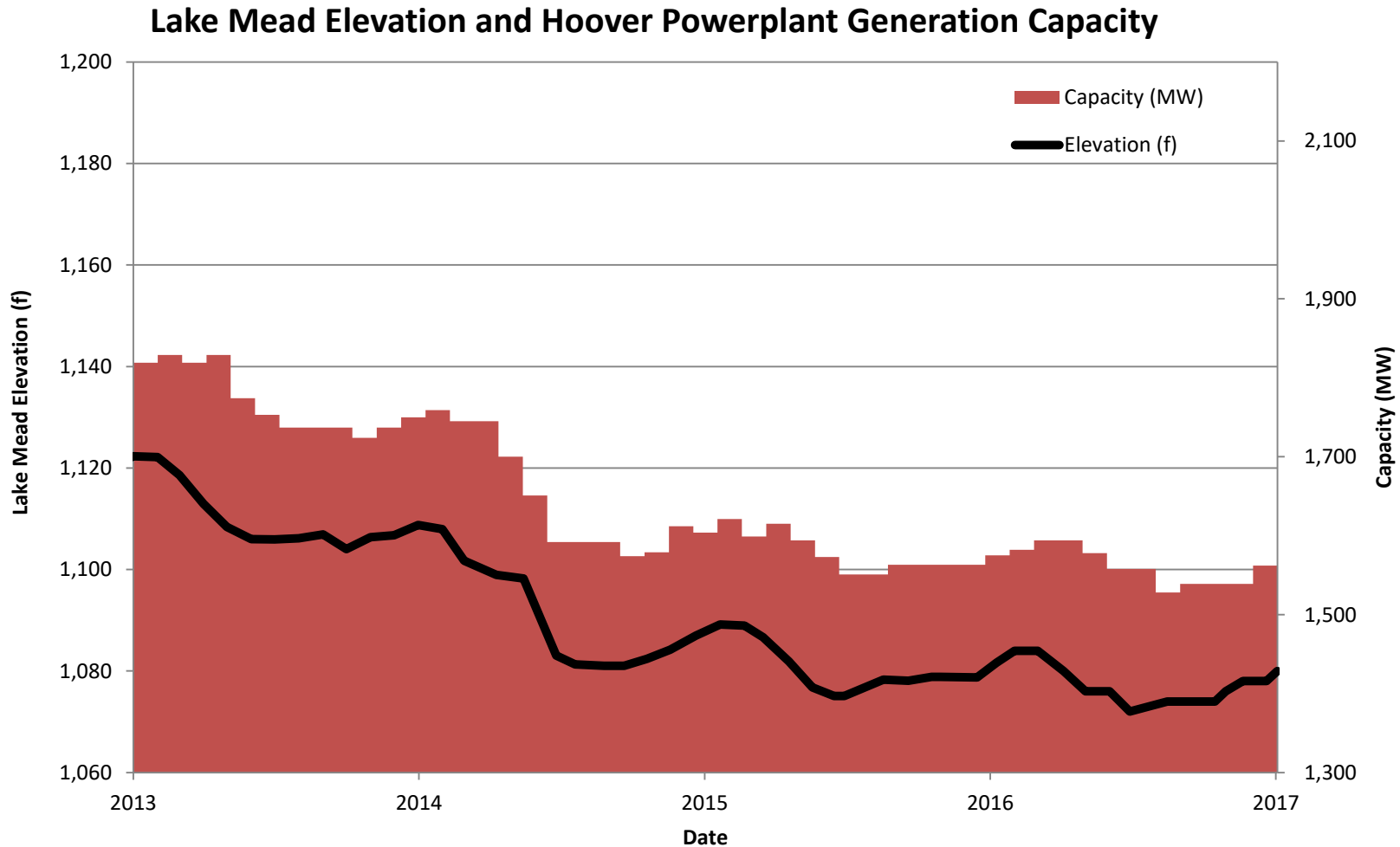
2015: Consumptive Use = 213,867 af

Difference = 15,006 af

*Subject to final accounting.



Hydropower Capacity



- On January 6, 2017 capacity was increased 14 MW to 1,576 MW.

Colorado River Commission of Nevada

Questions?

Warren Turkett, Ph.D.
wturkett@crc.nv.gov

