

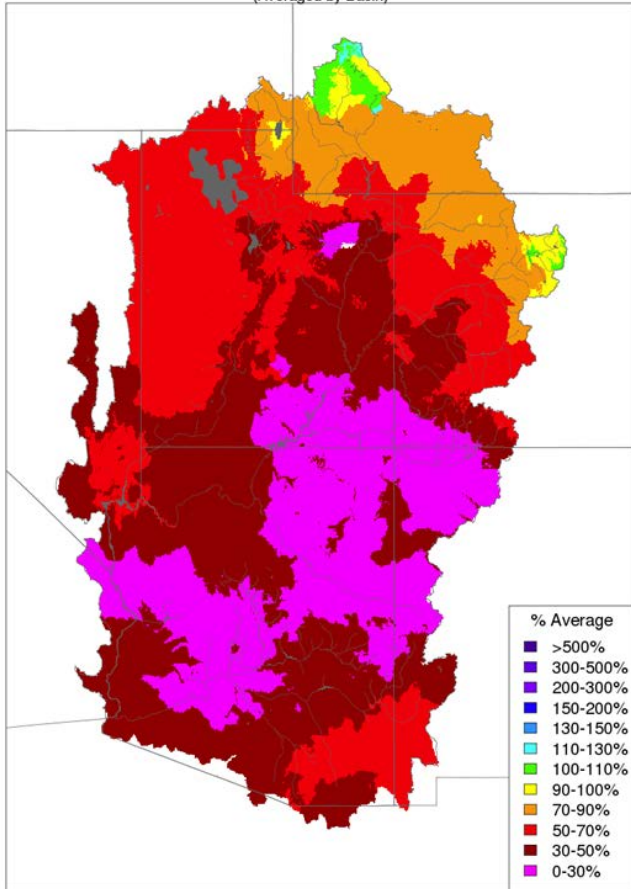
Colorado River Commission of Nevada

Natural Resources Group Hydrologic Update March 13, 2018



Precipitation

Water Year Precipitation, October 2017 - February 2018
(Averaged by Basin)

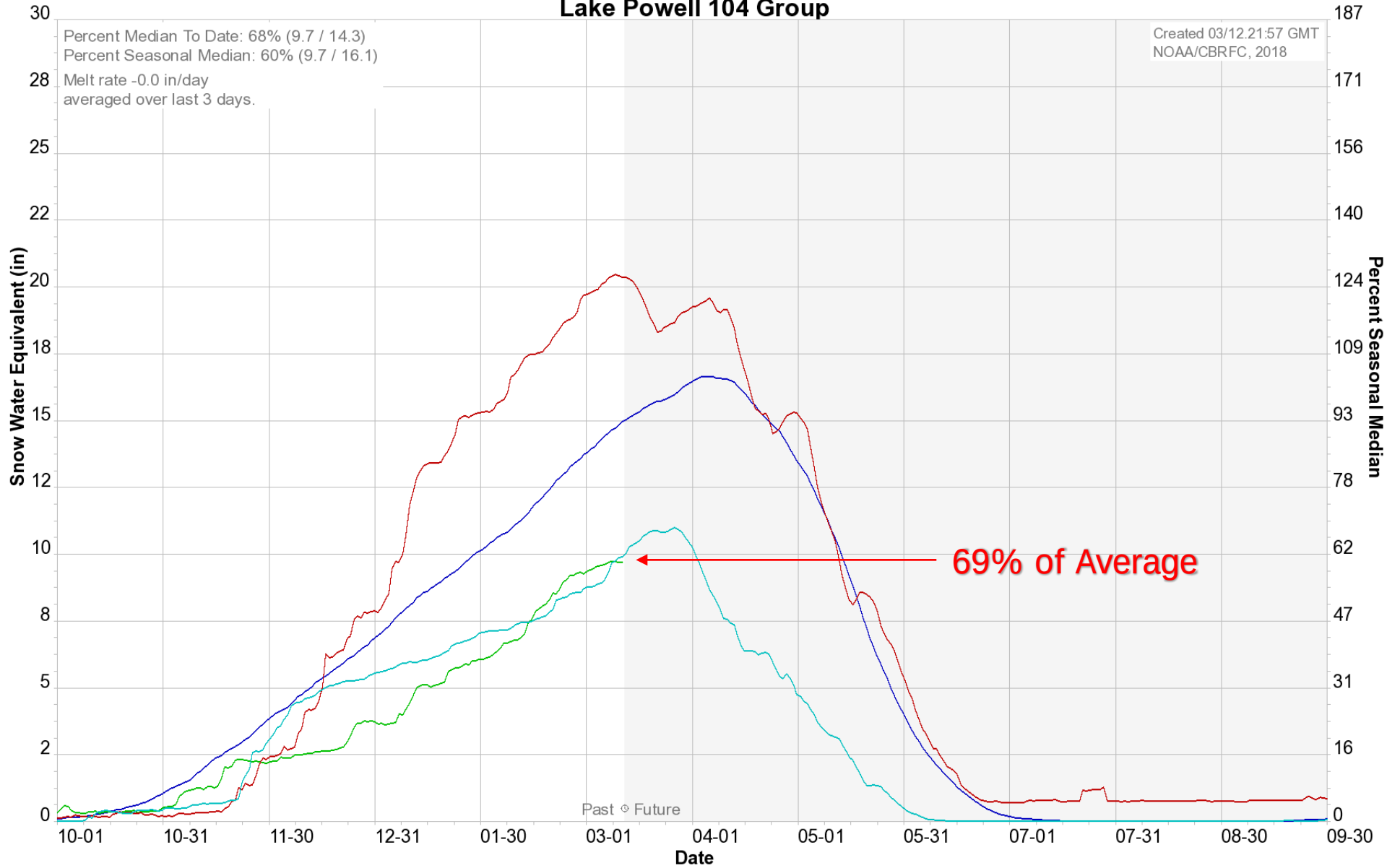


Prepared by NOAA, Colorado Basin River Forecast Center
Salt Lake City, Utah, www.cbrfc.noaa.gov

Above Lake Powell WY Precipitation
to date: 66% or (10.6")

Month	Precipitation (% of average)
OCT	56
NOV	59
DEC	50
JAN	76
FEB	97
MAR	
APR	
MAY	
JUN	
JUL	
AUG	
TOTAL	66

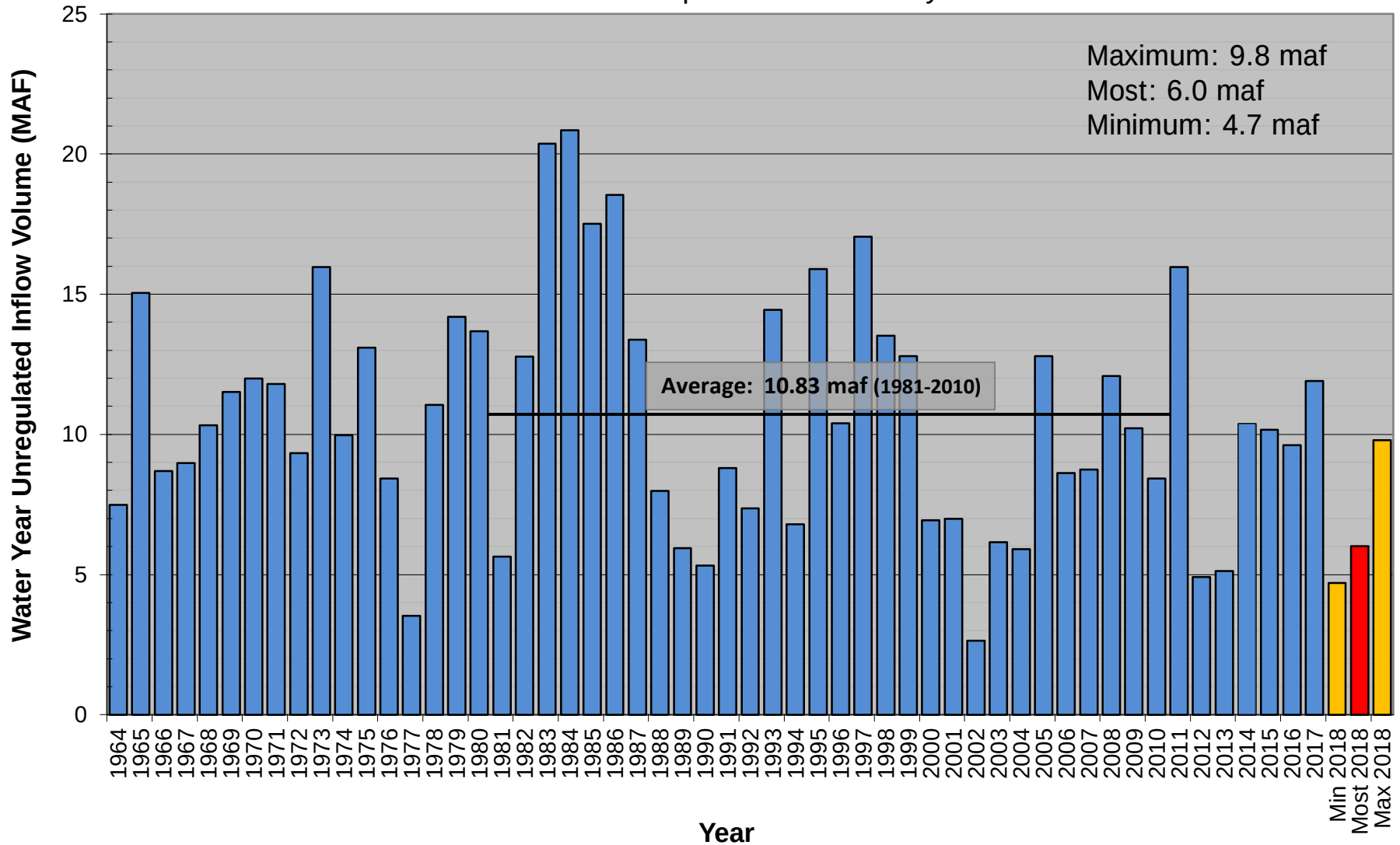
Colorado Basin River Forecast Center Lake Powell 104 Group



Lake Powell Unregulated Inflow

Water Year 2018 Forecast (*issued March 2*)

Comparison with History



Unregulated Inflow & Storage

As of March 12, 2018

Projected unregulated inflow to Lake Powell	MAF*	% Avg**
WY 2018	6.0	55%
April-July 2018	3.4	47%

Storage	Elevation (f)	MAF*	% Capacity	Δ year
Lake Mead	1,088.3	10.7	41%	 0.8 ft
Lake Powell	3,614.8	13.3	55%	 20.9 ft
Total storage***		31.5	53%	 1.9 maf

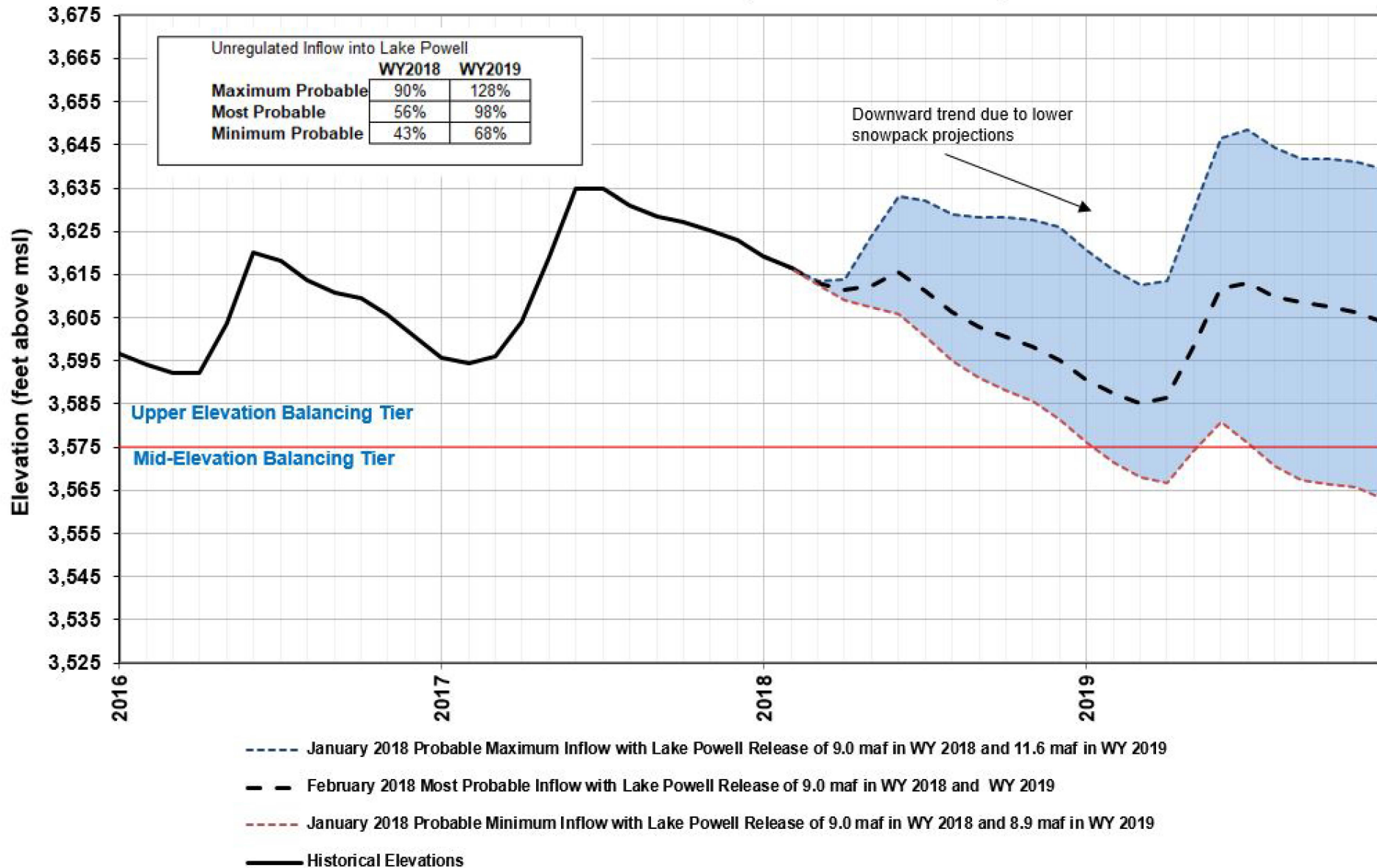
*MAF=Million Acre-Feet

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

***Total storage includes additional Upper and Lower Basin reservoirs

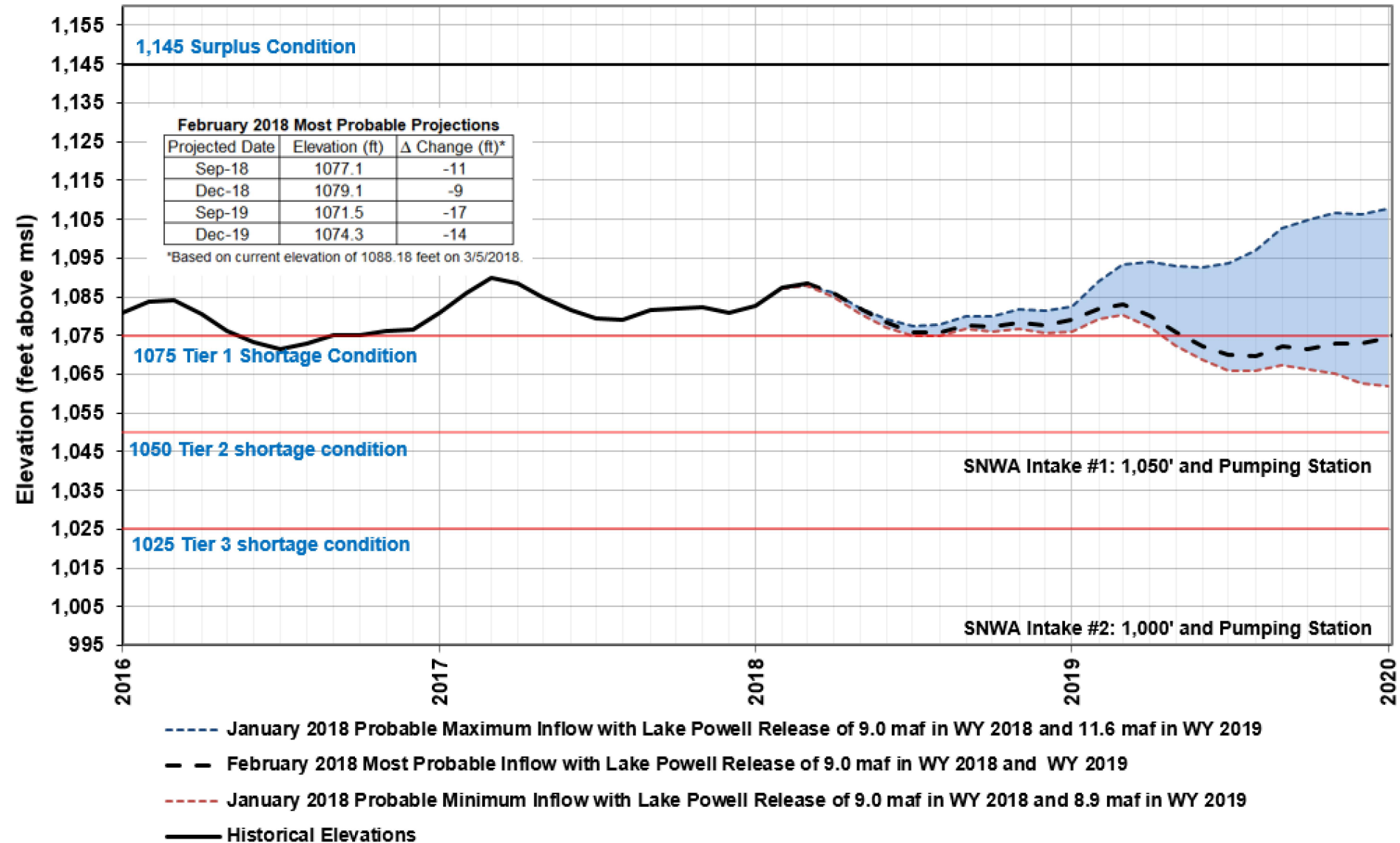
Lake Powell Projections

Reclamation's February 2018 24-Month Study



Lake Mead Projections

Reclamation's February 2018 24-Month Study



Water Use in Southern Nevada

January 2018

2018: Consumptive Use = *9,958 af

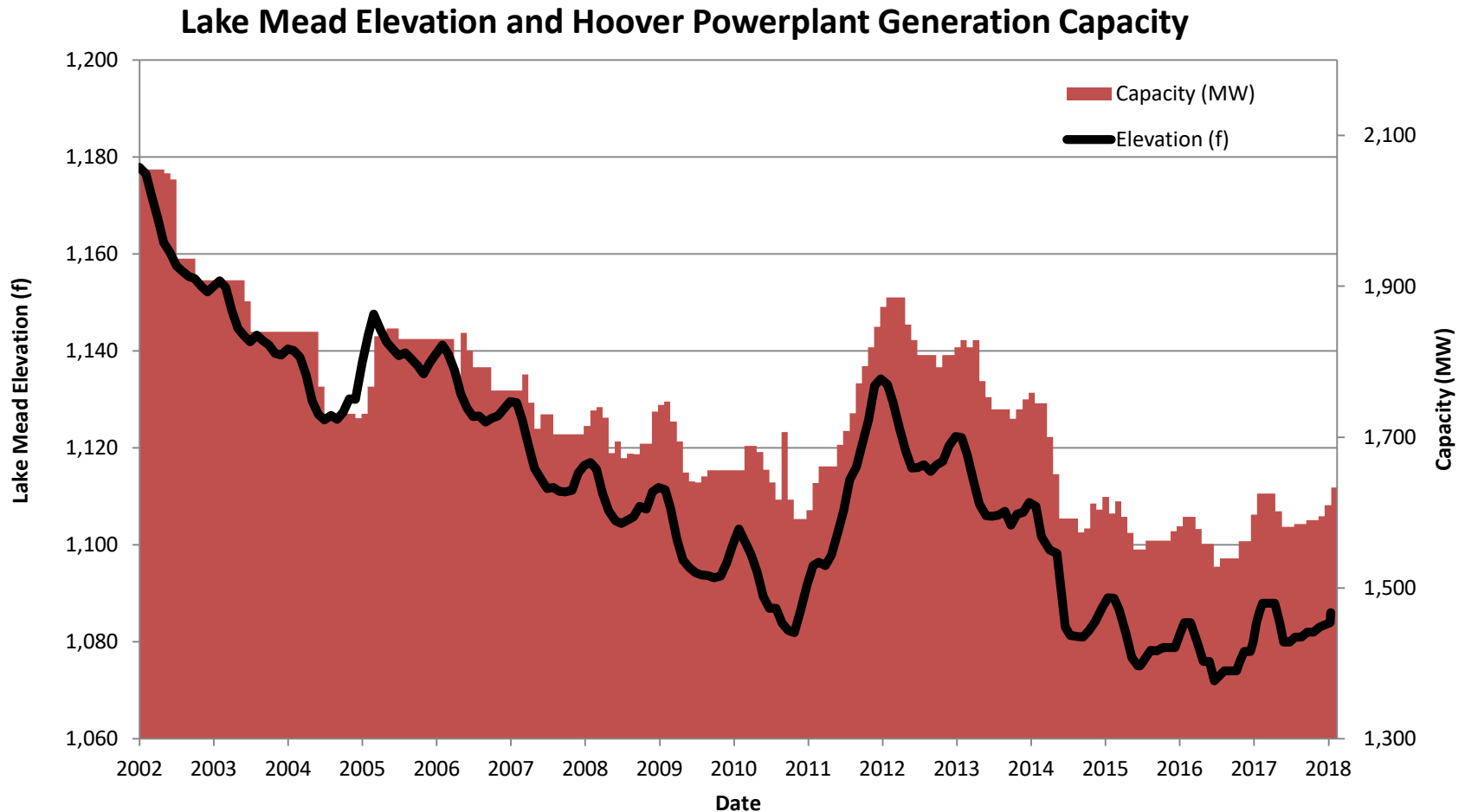
2017: Consumptive Use = *7,508 af

Difference = 2,450 af

*Subject to final accounting.



Hydropower Capacity



- On February 22, 2018 capacity was increased to 1,633 MW.

March Reservoir Conditions (Summary)

Lake Powell

- Upper Basin snowpack accumulation is currently at 72% of average.
- Dry conditions are decreasing the forecasted elevations in both reservoirs.
- Lake Powell is forecasted to decrease 20 feet by December 2018.

Lake Mead

- Elevation is about one foot less than this time last year.
- Lake Mead is forecasted to decrease 9 feet by December 2018.

Storage	Elevation (f)	% Capacity	△ year
Lake Mead	1,088.3	41%	↓ 0.8 ft
Lake Powell	3,614.8	55%	↑ 20.9 ft

Data retrieved March 5, 2018



Colorado River Commission of Nevada

Questions?

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