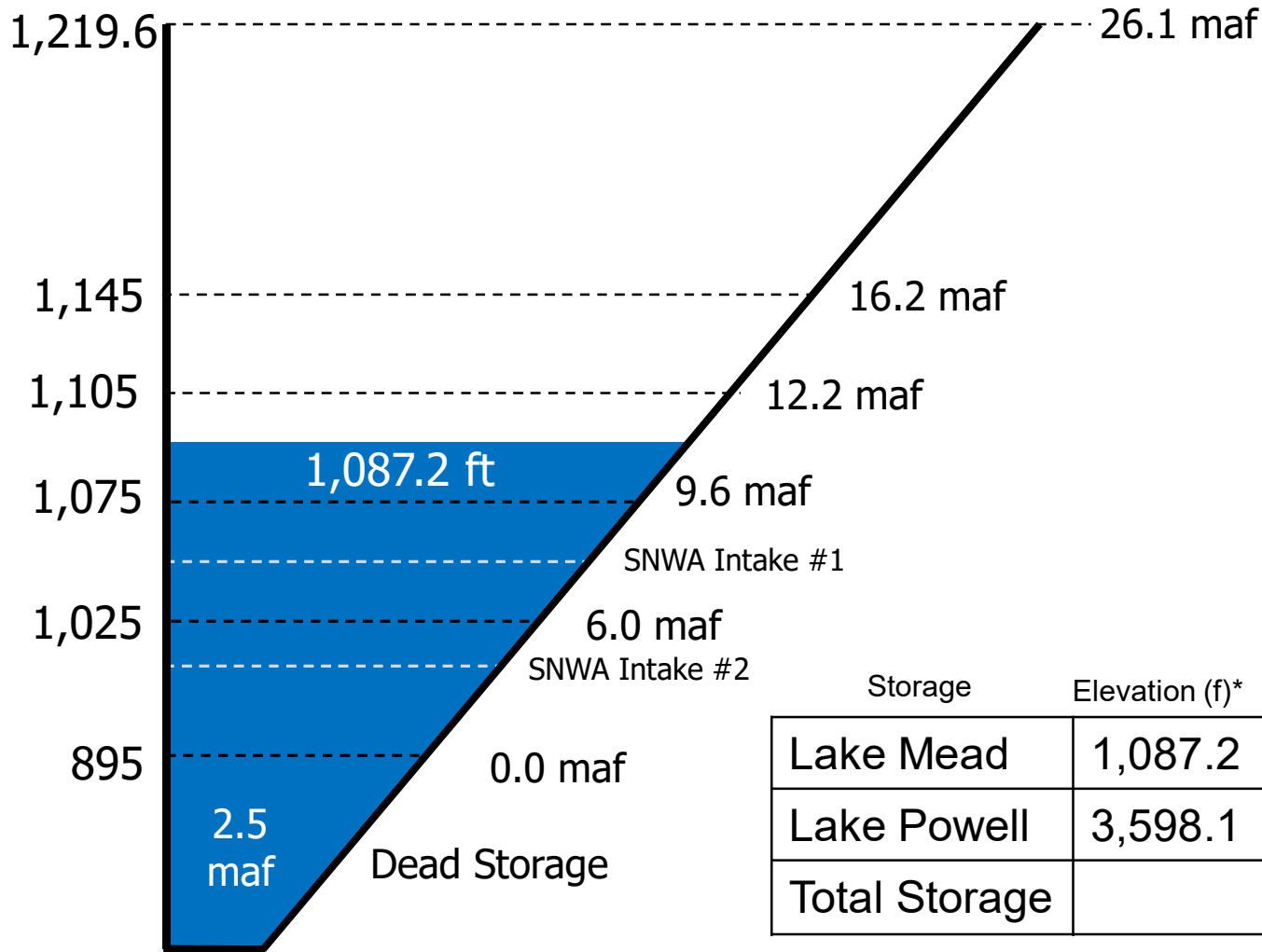


Colorado River Commission of Nevada

Natural Resources Group Hydrologic Update April 11, 2017



Lake Mead Storage



Storage	Elevation (f)*	MAF**	% Capacity	Δ year
Lake Mead	1,087.2	10.6	41%	↑ 8.1 ft
Lake Powell	3,598.1	11.6	48%	↑ 6.8 ft
Total Storage		30.0	50%	↑ 1.4 maf

Not to scale

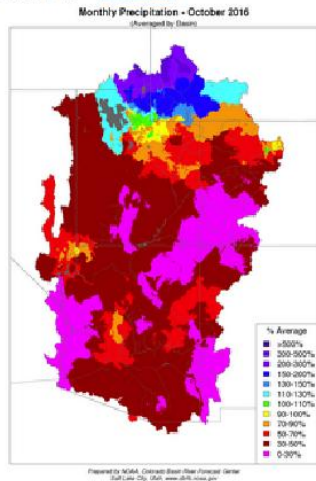
*Data current as of 4/10/2017

*MAF=Million Acre-feet

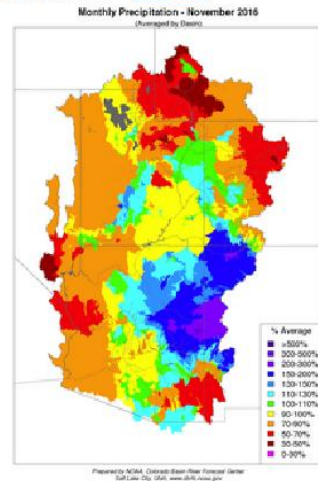
Water Year 2017 Recap

Monthly precipitation

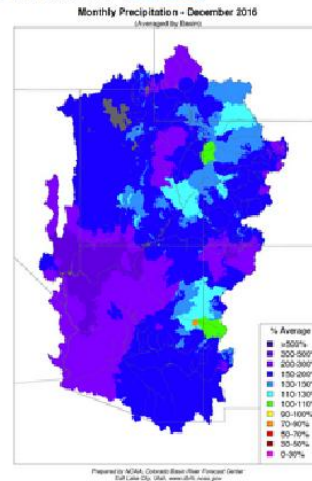
October [Data File](#)



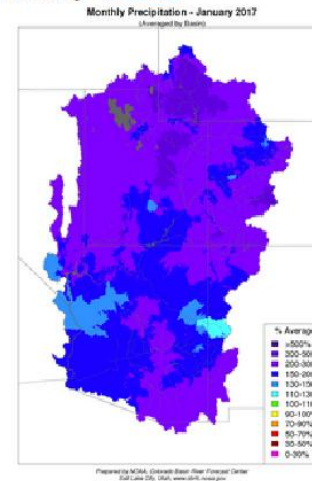
November [Data File](#)



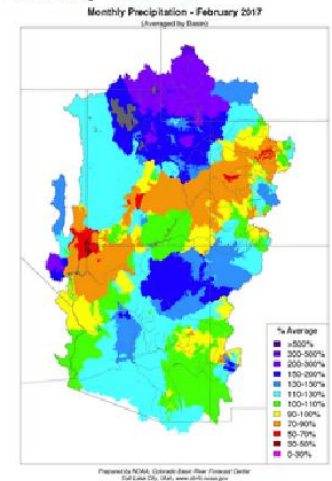
December [Data File](#)



January [Data File](#)

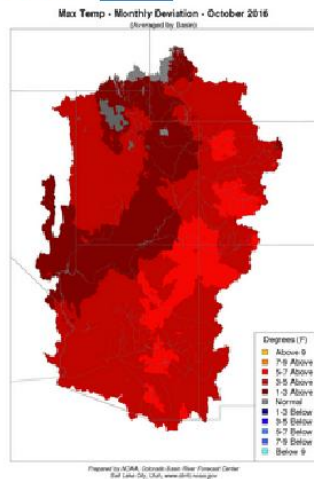


February [Data File](#)

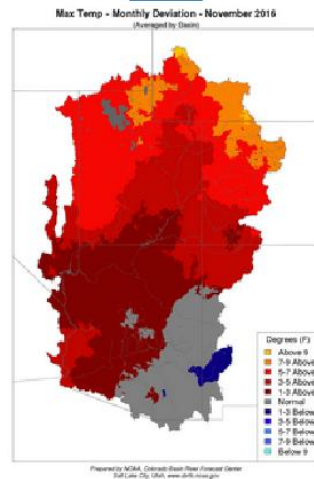


Maximum temperature deviations

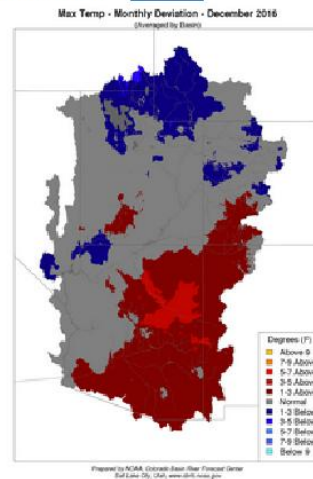
October [Data File](#)



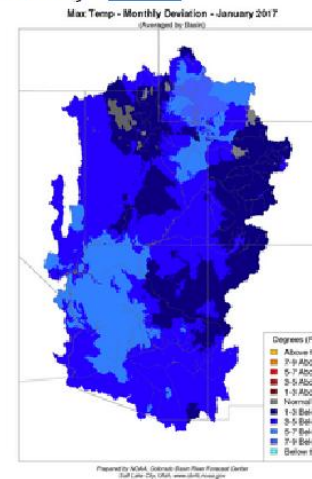
November [Data File](#)



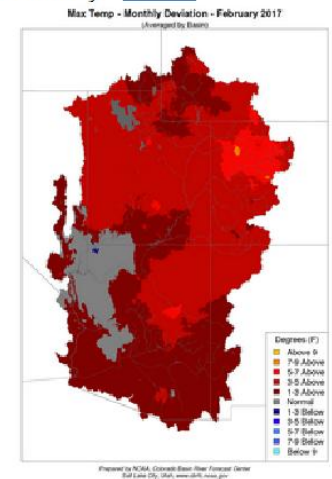
December [Data File](#)



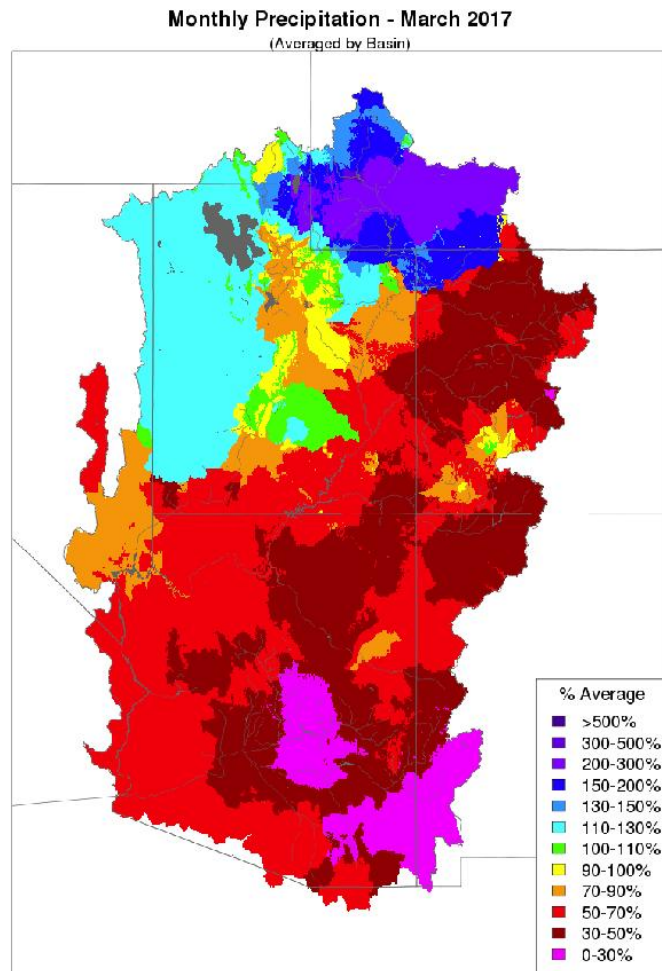
January [Data File](#)



February [Data File](#)

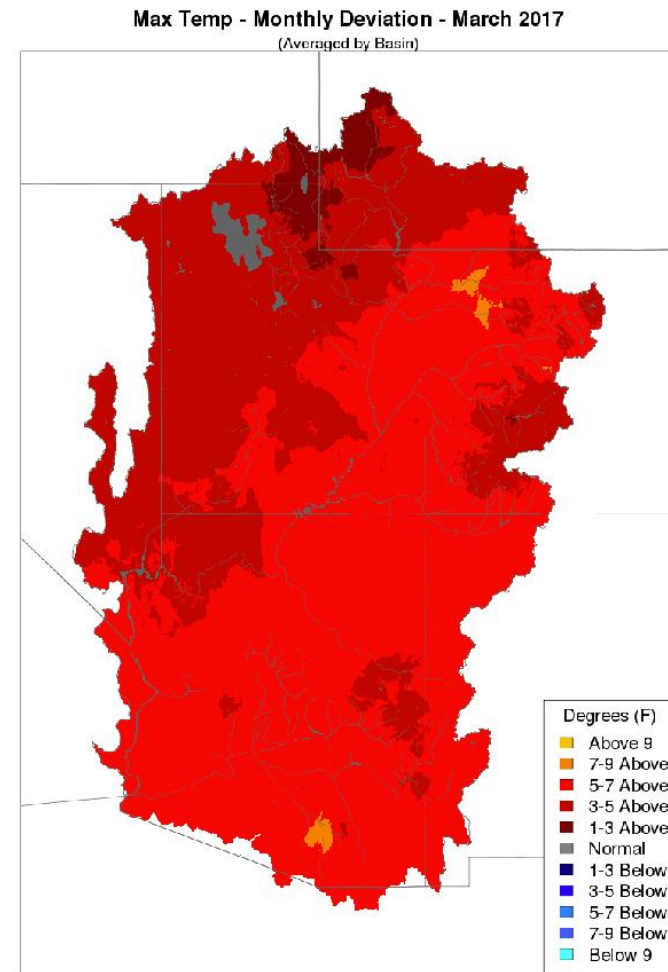


March Precipitation and Temperature



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

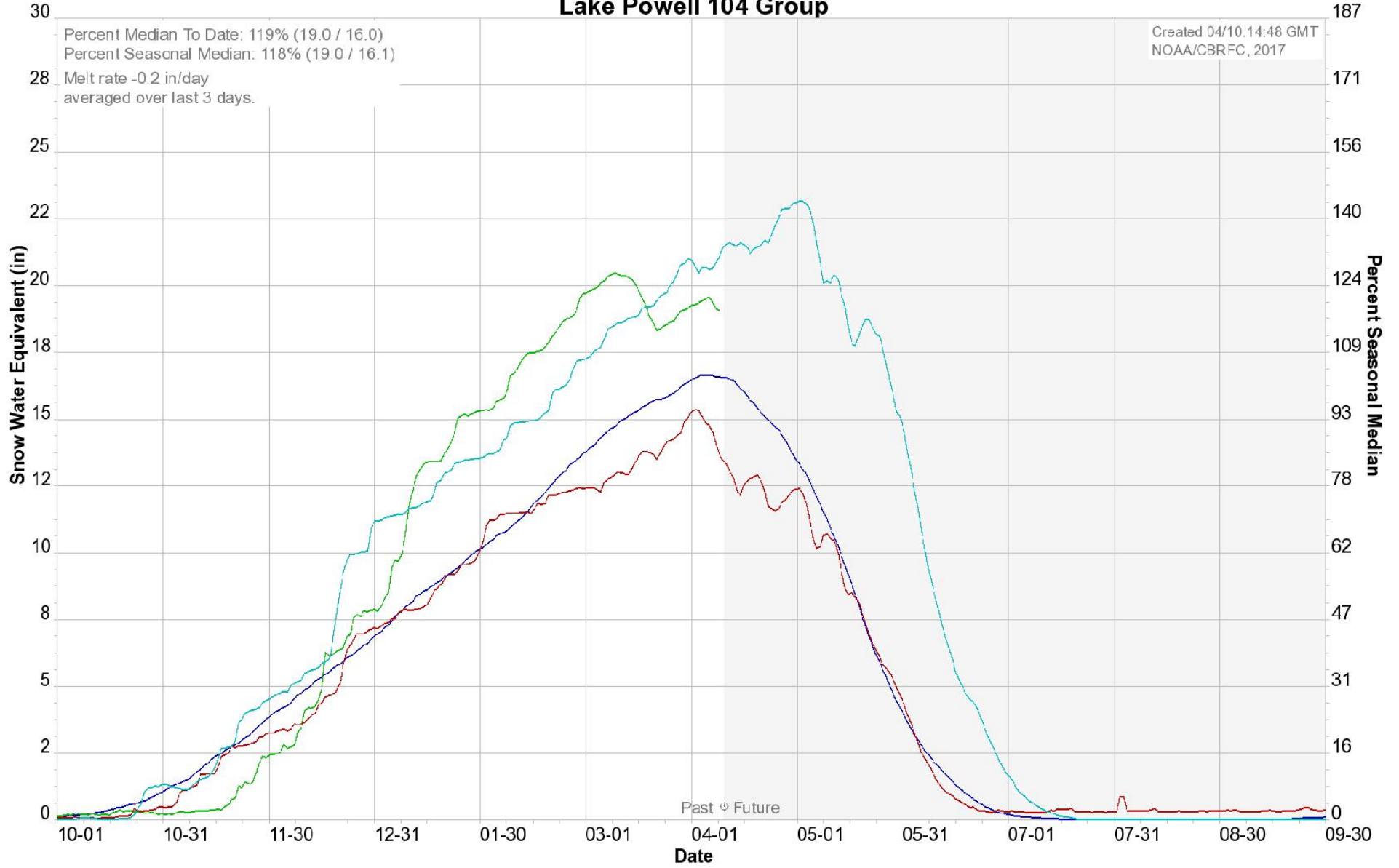
Above Lake Powell
March precipitation: 70%



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

considerable melting of lower elevation, and
some mid elevation snowpack.

Colorado Basin River Forecast Center Lake Powell 104 Group

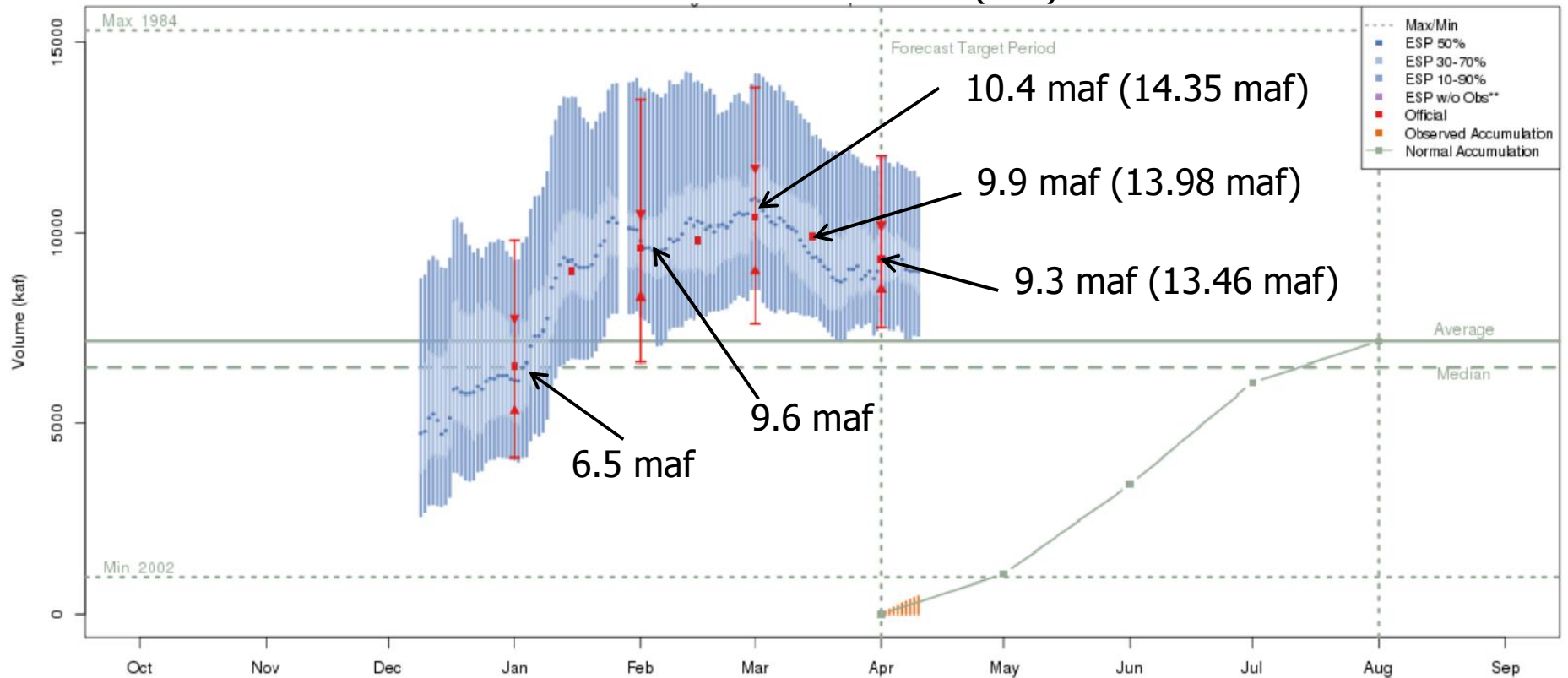


Current basin snowpack: 120% (19")

Unregulated Inflow Forecast

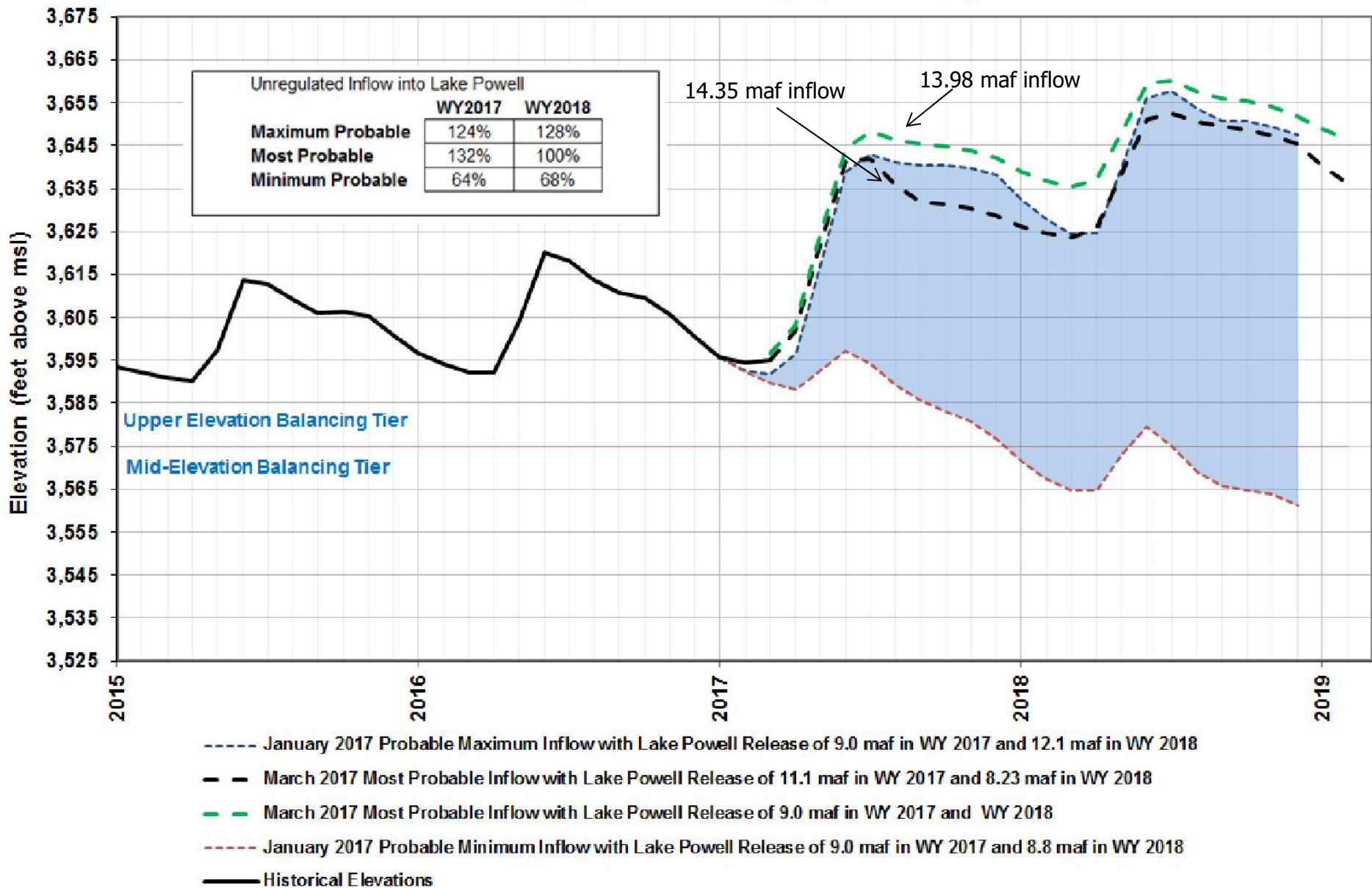
Projected unregulated inflow to Lake Powell	MAF	% Avg
WY 2017 (Forecast):	13.5	124%
April-July 2017 (Forecast):	9.3	130%

Ensemble Streamflow Prediction (ESP) Model



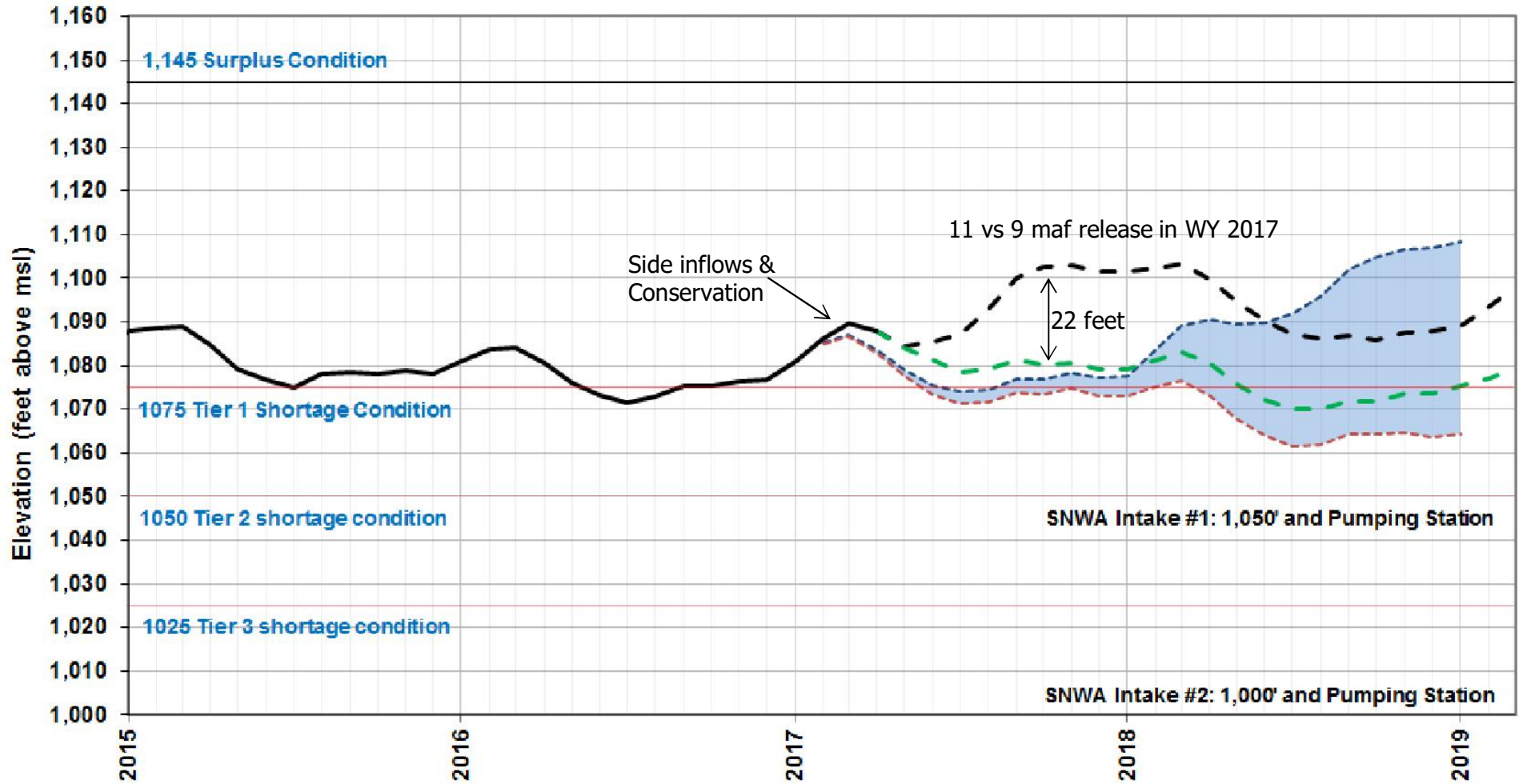
Lake Powell Projections

Reclamation's March 2017 24-Month Study



Lake Mead Projections

Reclamation's March 2017 24-Month Study



- January 2017 Probable Maximum Inflow with Lake Powell Release of 9.0 maf in WY 2017 and 12.1 maf in WY 2018
- - - March 2017 Most Probable Inflow with Lake Powell Release of 11.071 maf in WY 2017 and 8.23 maf in WY 2018
- - - March 2017 Most Probable Inflow with Lake Powell Release of 9.0 maf in WY 2017 and 9.0 maf in WY 2018
- January 2017 Probable Minimum Inflow with Lake Powell Release of 9.0 maf in WY 2017 and 8.8 maf in WY 2018
- Historical Elevations

Water Use in Southern Nevada

January- February 2017

2017: Consumptive Use = 14,927* af

2016: Consumptive Use = 18,744* af

Difference = -3,817 af

*Subject to final accounting.



Colorado River Commission of Nevada

Questions?

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