

# Colorado River Commission of Nevada

## Natural Resources Group Hydrologic Update July 11, 2017



## Unregulated Inflow & Storage

As of July 10, 2017

Projected unregulated inflow to Lake Powell	MAF*	% Avg**
WY 2017 (Forecast):	12.2	113%
April-July 2017 (Forecast):	8.2	114%

Storage	Elevation (f)	MAF*	% Capacity	Δ year
Lake Mead	1,079.4	10.0	38%	↑ 7.6 ft
Lake Powell	3,635.7	15.5	64%	↑ 13.3 ft
Total storage***		33.8	57%	↑ 2.2 maf

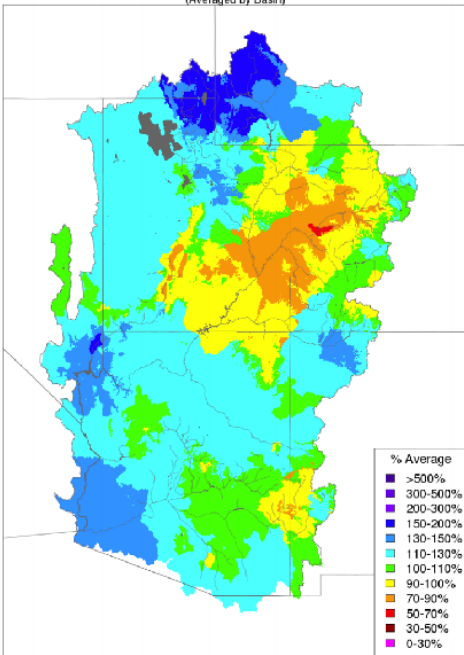
\*MAF=Million Acre-Feet

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

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

# Precipitation

Water Year Precipitation, October 2016 - June 2017  
(Averaged by Basin)

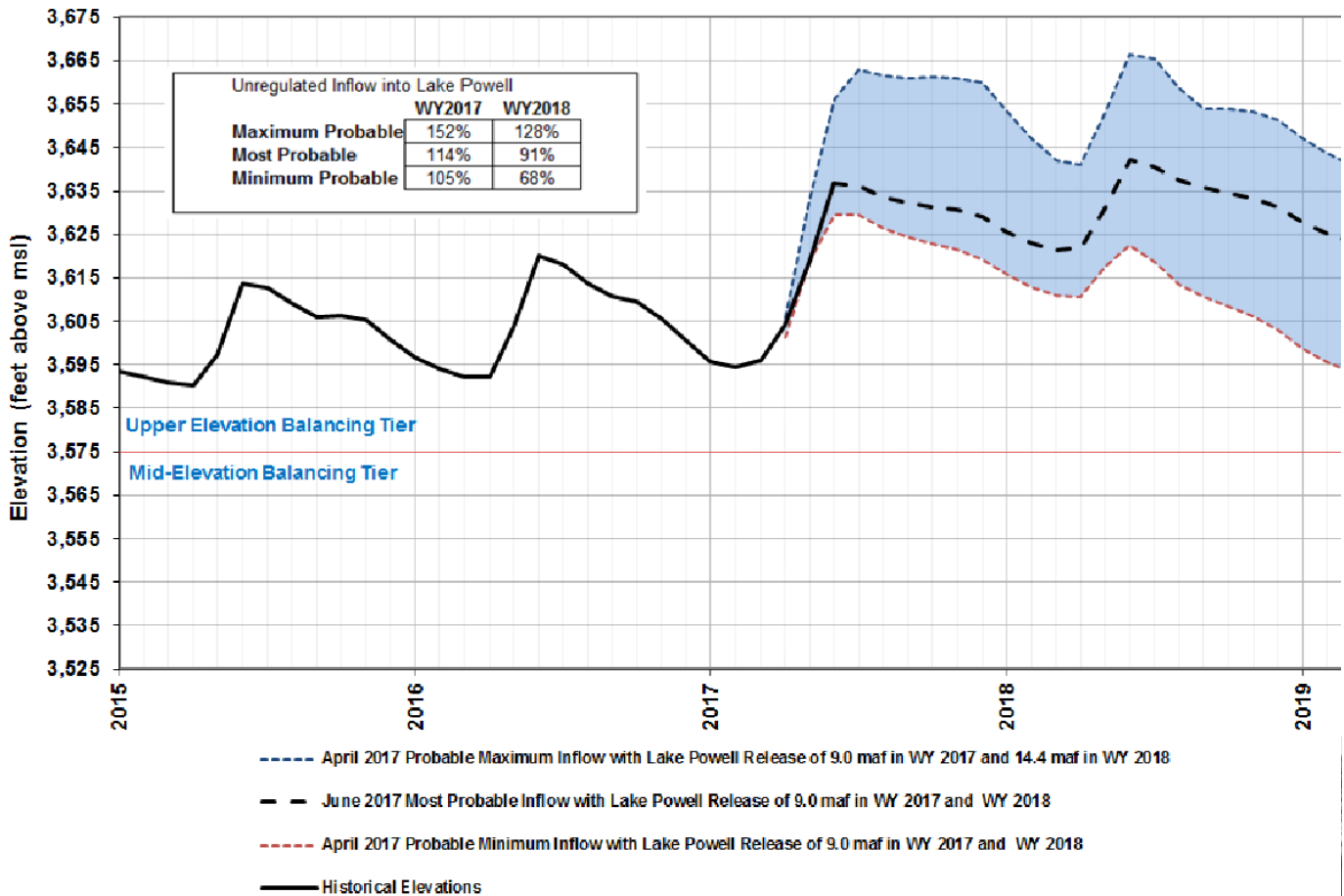


Month	Precipitation (% of average)
OCT	60
NOV	75
DEC	180
JAN	235
FEB	120
MAR	70
APR	90
MAY	95
<b>JUN</b>	<b>25</b>
<b>TOTAL</b>	<b>109</b>

Above Lake Powell  
WY Precipitation to date: 109%

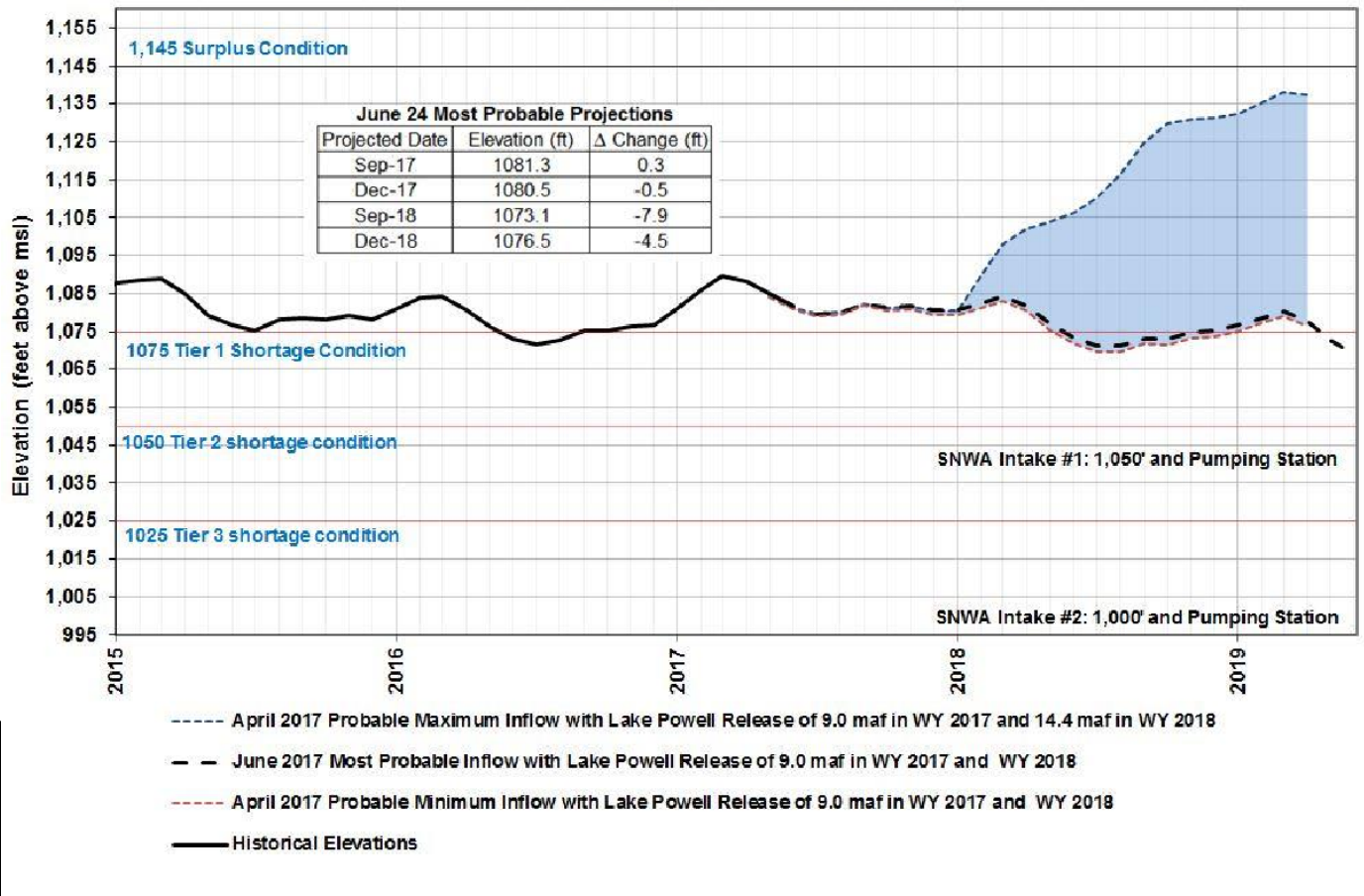
<http://www.cbrfc.noaa.gov/product/mapsum/mapsum.php?area=cbrfc>

## Lake Powell Projections Reclamation's June 2017 24-Month Study



# Lake Mead Projections

Reclamation's June 2017 24-Month Study



## Water Use in Southern Nevada January- May 2017

2017: Consumptive Use = 80,236\* af

2016: Consumptive Use = 77,435 af

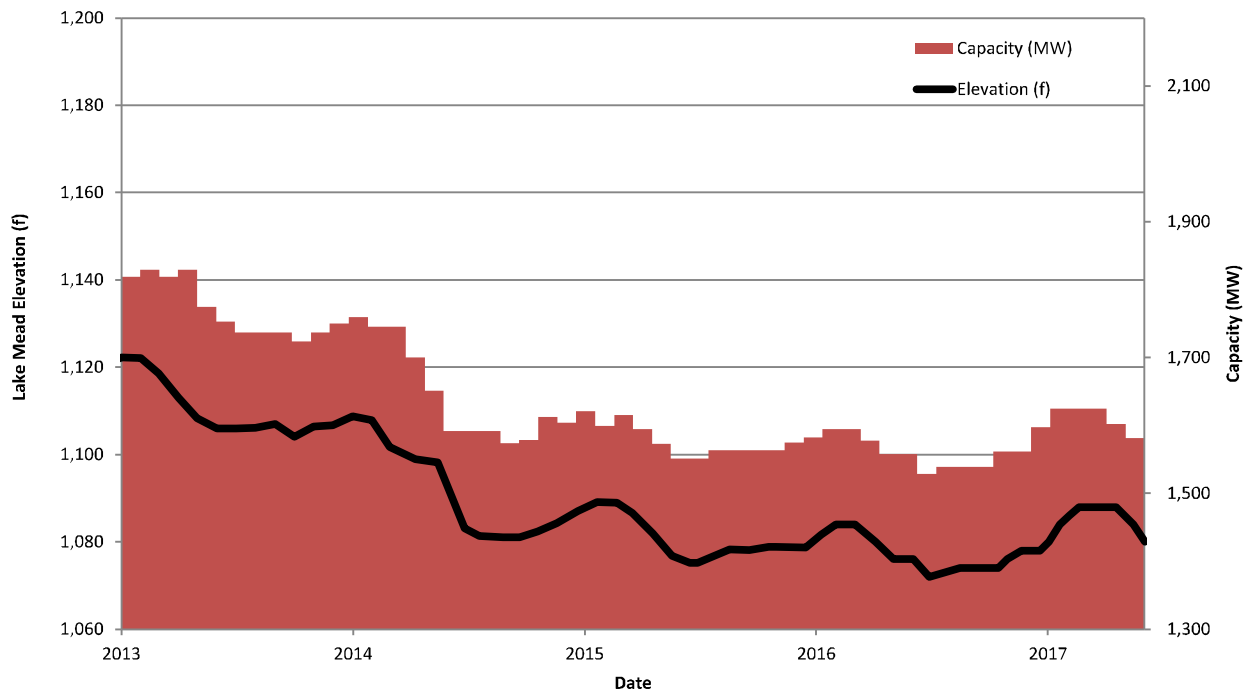
**Difference = 2,801 af**

\*Subject to final accounting.



# Hydropower Capacity

Lake Mead Elevation and Hoover Powerplant Generation Capacity



- On July 6, 2017 capacity was decreased 21 MW to 1,581 MW.

## Colorado River Commission of Nevada

### Questions?

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