

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

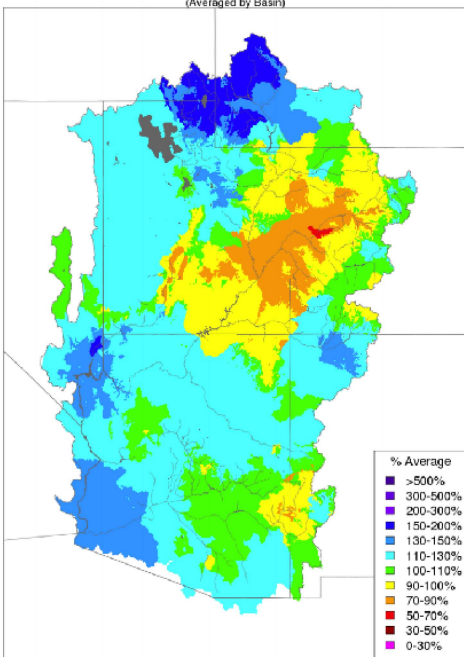
*MAF=Million Acre-Feet

**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)

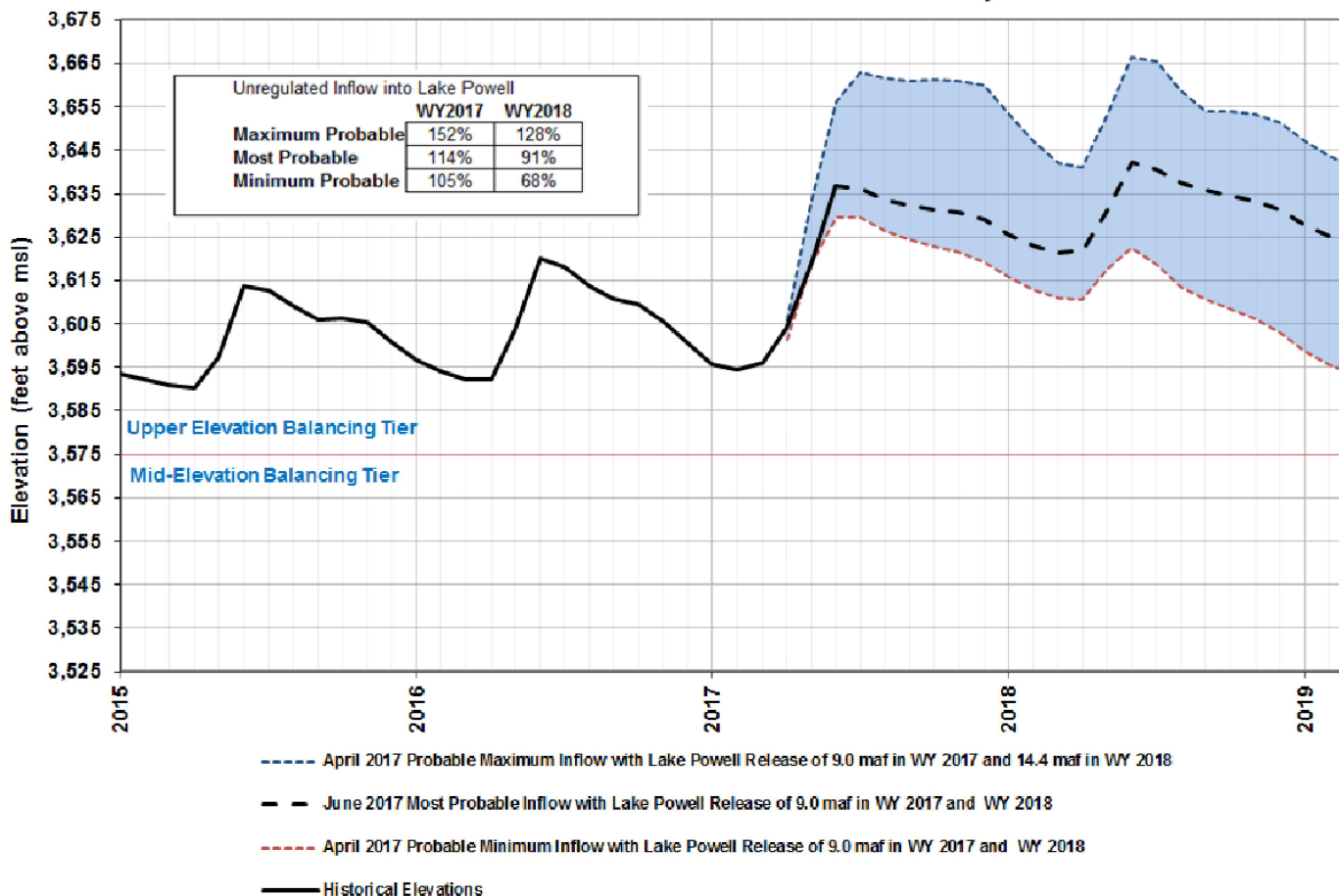


Month	Precipitation (% of average)
OCT	60
NOV	75
DEC	180
JAN	235
FEB	120
MAR	70
APR	90
MAY	95
JUN	25
TOTAL	109

Above Lake Powell
WY Precipitation to date: 109%

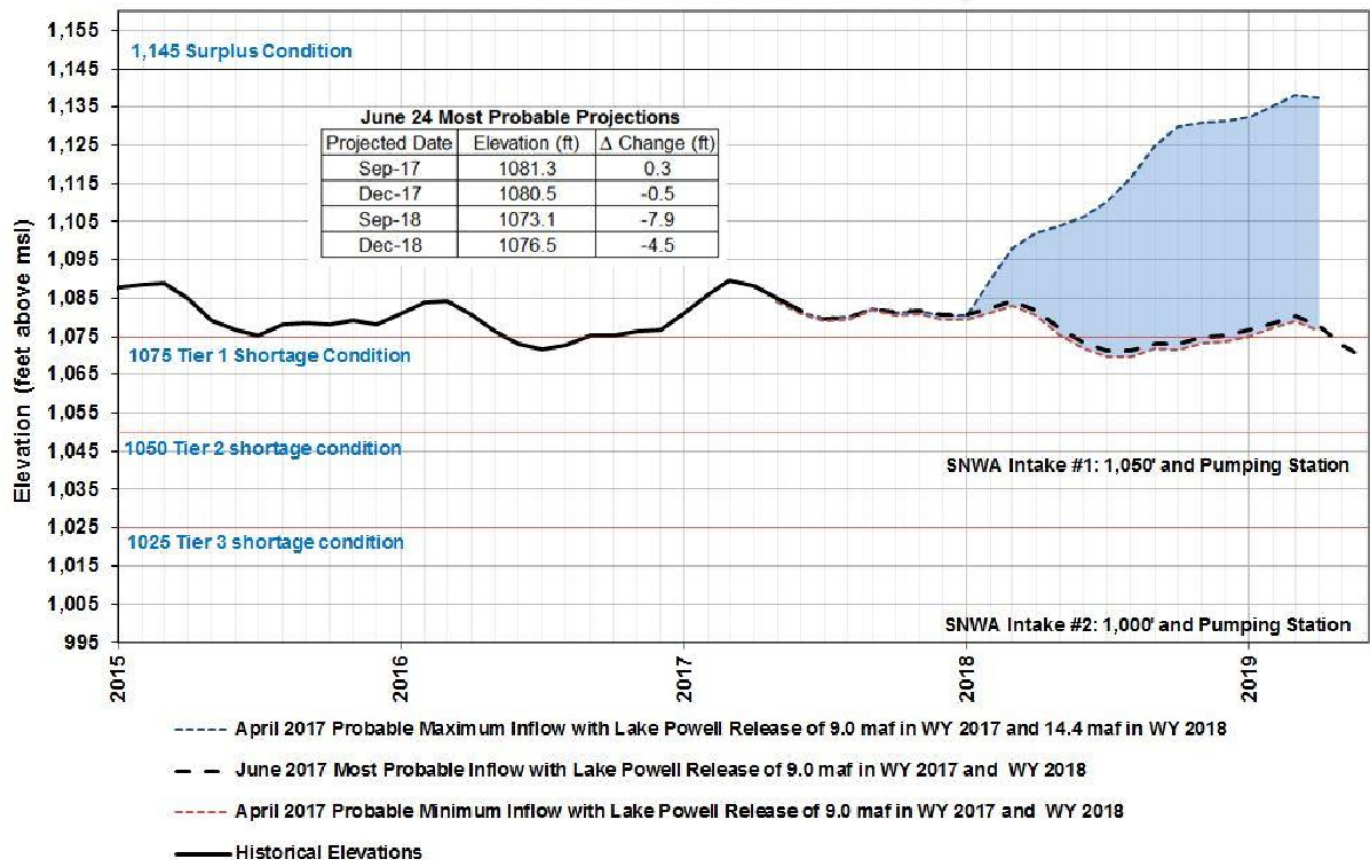
<http://www.cbrfc.noaa.gov/product/mapsum/mapsum.php?area=cbrfc>

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

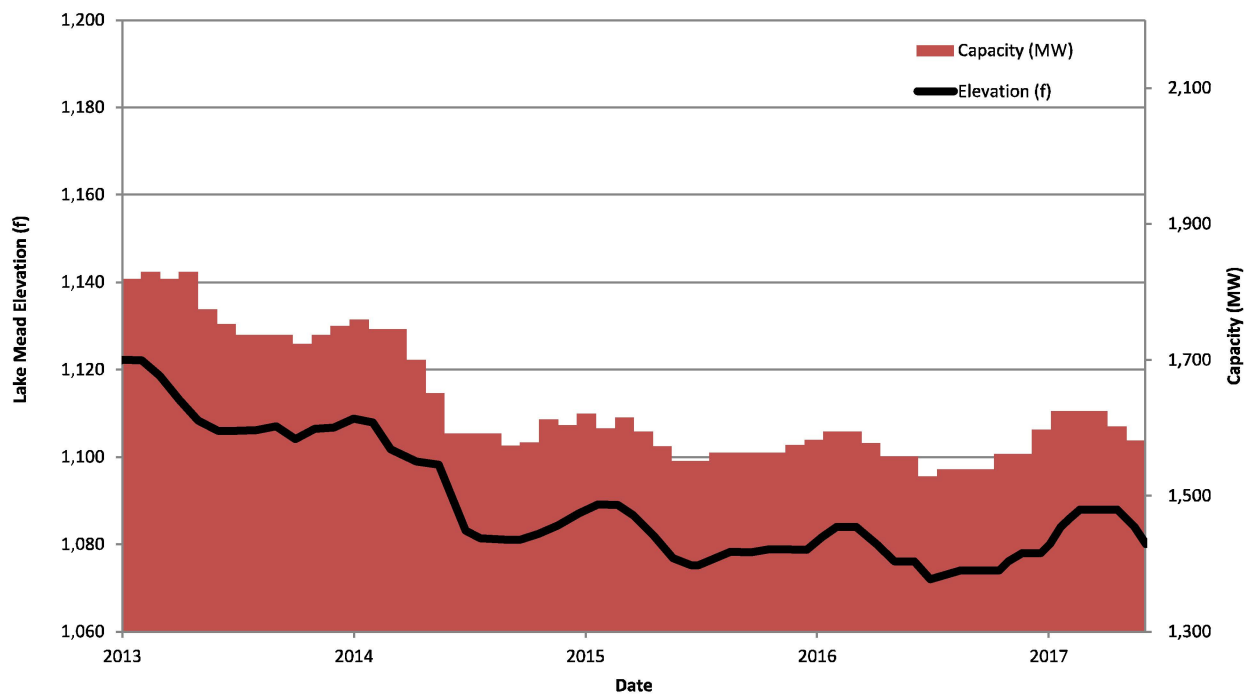
Difference = 2,801 af

*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.

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Questions?

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