

Colorado River Commission of Nevada





Natural Resources Group Hydrologic Update September 12, 2017



Unregulated Inflow & Storage

As of September 11, 2017

Projected unregulated inflow to Lake Powell	MAF*	% Avg**
WY 2017 (Forecast):	12.1	111%
April-July 2017 (observed):	8.2	114%

Storage	Elevation (f)	MAF*	% Capacity	 Δ year
Lake Mead	1,081.5	10.1	39%	 6.6 ft
Lake Powell	3,629.9	14.8	61%	 17.5 ft
Total storage***		33.3	56%	 2.8 maf

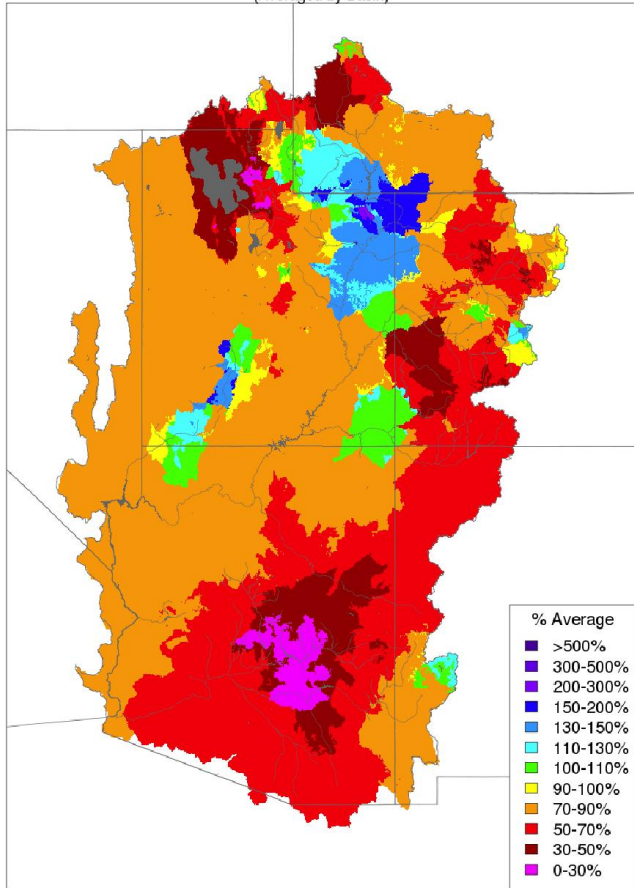
*MAF=Million Acre-Feet

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

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

Precipitation

Monthly Precipitation - August 2017
(Averaged by Basin)

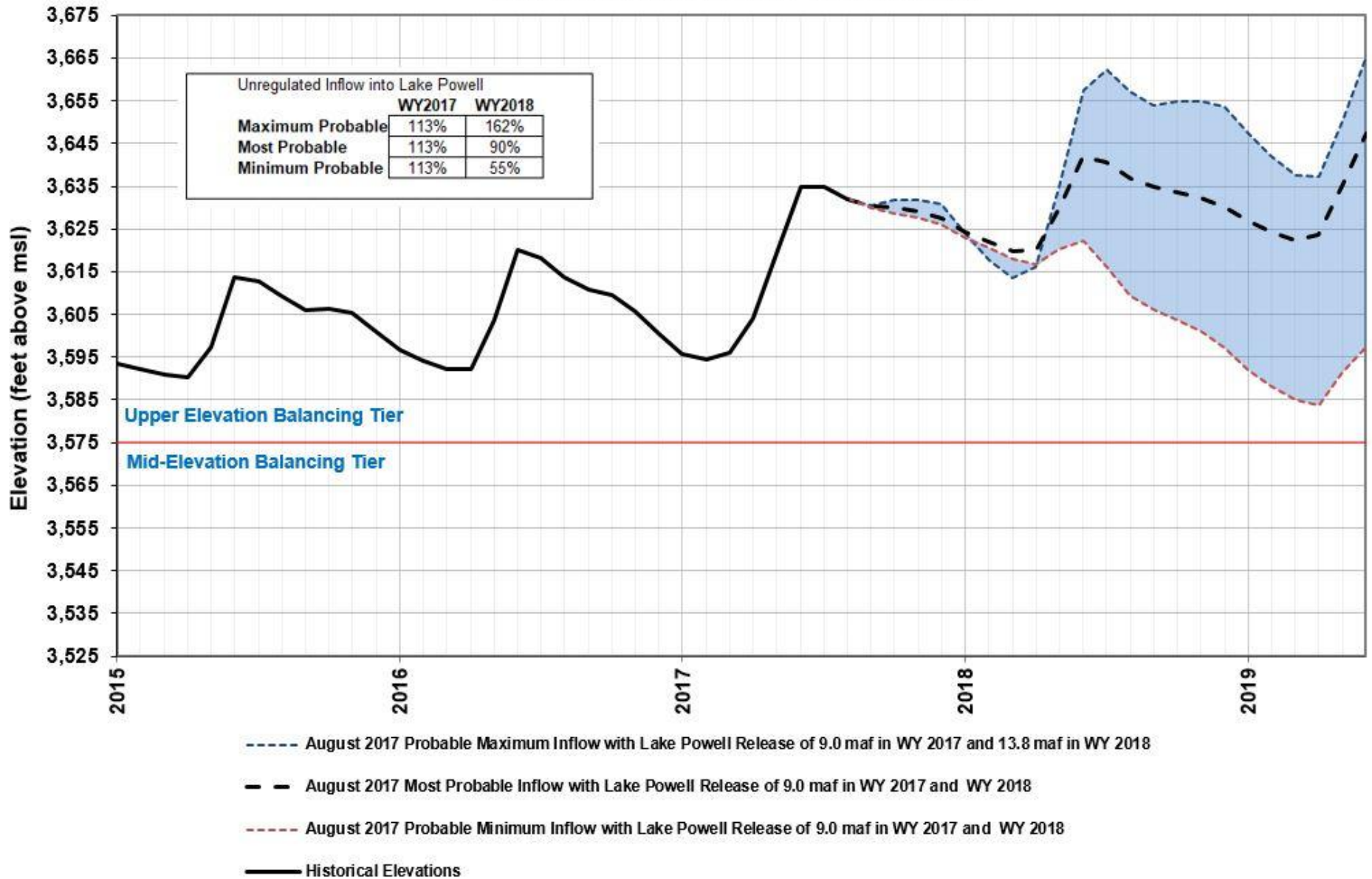


Above Lake Powell WY Precipitation
to date: 108% or (32.2")

Month	Precipitation (% of average)
OCT	60
NOV	75
DEC	180
JAN	235
FEB	120
MAR	70
APR	90
MAY	95
JUN	22
JUL	126
AUG	75
TOTAL	108

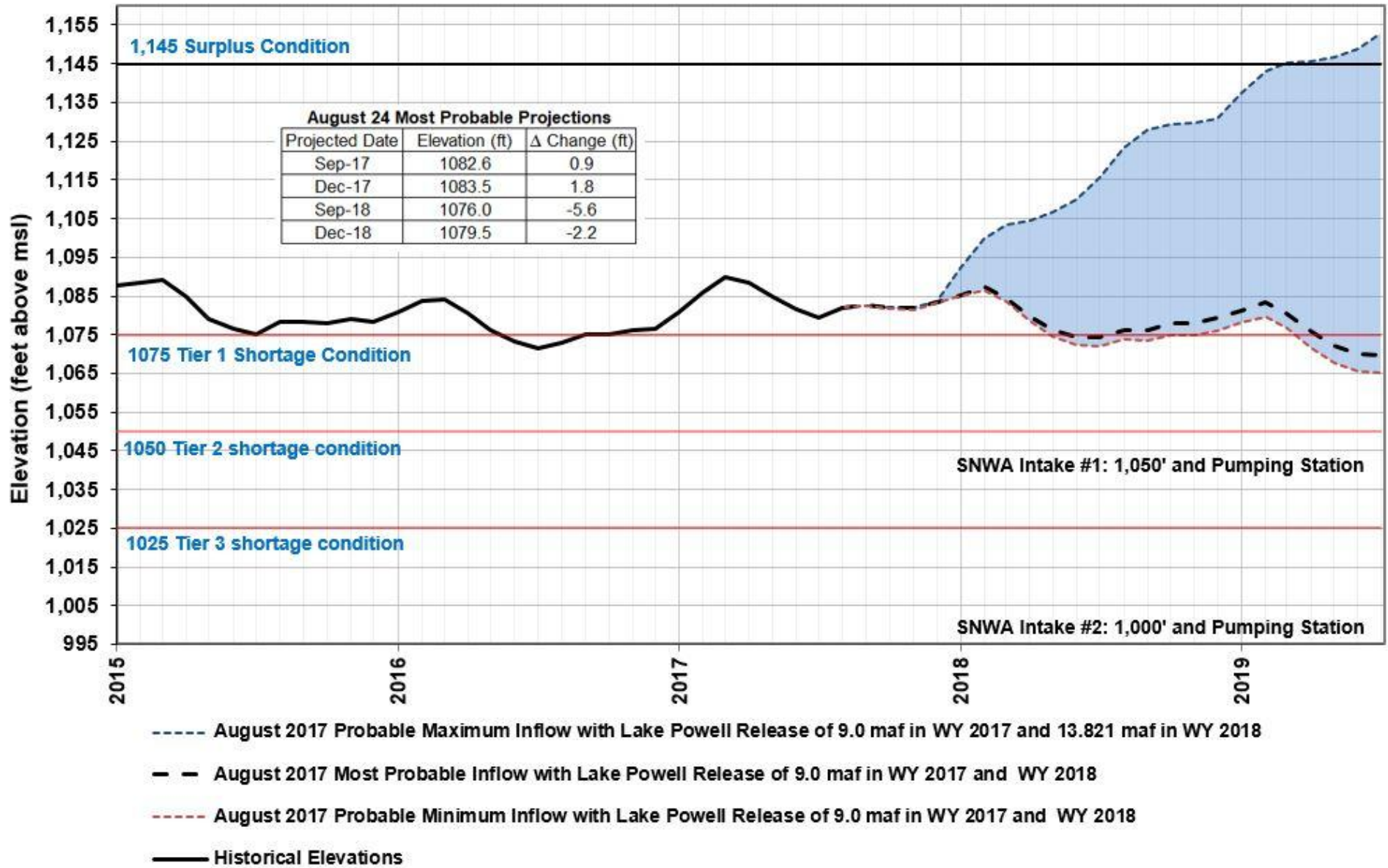
Lake Powell Projections

Reclamation's August 2017 24-Month Study



Lake Mead Projections

Reclamation's August 2017 24-Month Study



Water Use in Southern Nevada

January- July 2017

2017: Consumptive Use = 140,847* af

2016: Consumptive Use = 136,584 af

Difference = 4,263 af

*Subject to final accounting.



August Reservoir Conditions (Summary)

Lake Powell

- Experienced above average snowpack.
- Increased over 17 feet from this time last year which will benefit Lake Mead.

Lake Mead

- Has increased over 6 feet from this time last year.
- Lake Mead is expected to increase another 3 feet by end of December.
- No shortage declared for 2018.

Storage	Elevation (f)	% Capacity	▲ year
Lake Mead	1,081.5	39%	↑ 6.6 ft
Lake Powell	3,629.9	61%	↑ 17.5 ft

Data retrieved September 12, 2017



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Questions?

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