

Colorado River Commission of Nevada

Natural Resources Group Hydrologic Update September 13, 2016



Unregulated Inflow & Storage

As of September 12, 2016

Projected unregulated inflow to Lake Powell	MAF*	% Avg**
WY 2016 (Projected):	9.63	89%
April-July 2016 (Observed):	6.61	92%

Storage	Elevation (f)	MAF*	% Capacity	Δ year
Lake Mead	1,074.9	9.6	37%	 3.0 ft
Lake Powell	3,612.4	13.0	53%	 4.6 ft
Combined storage		30.5	51%	 0.2 maf

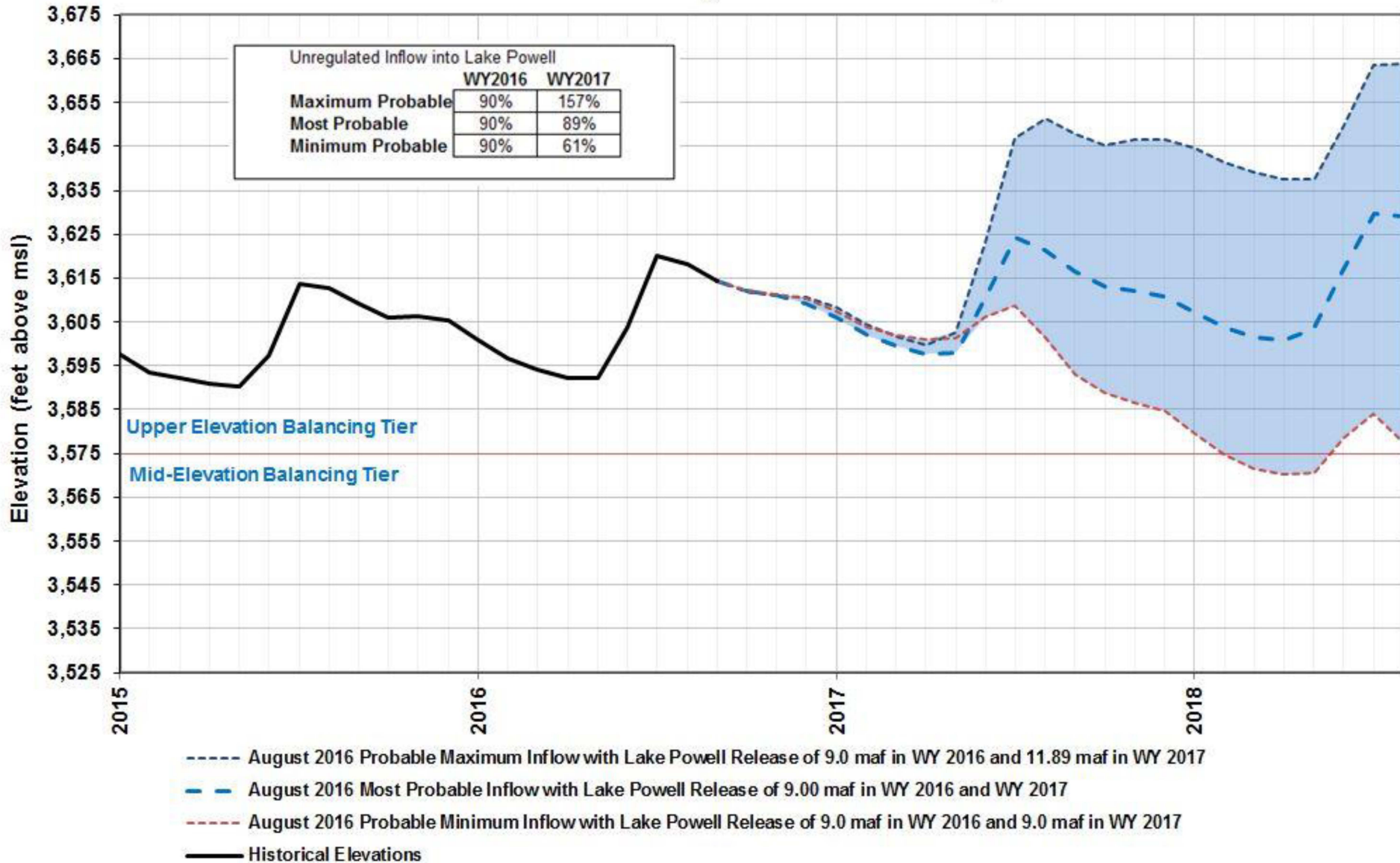
*MAF=Million Acre-Feet

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

Lake Powell Projections

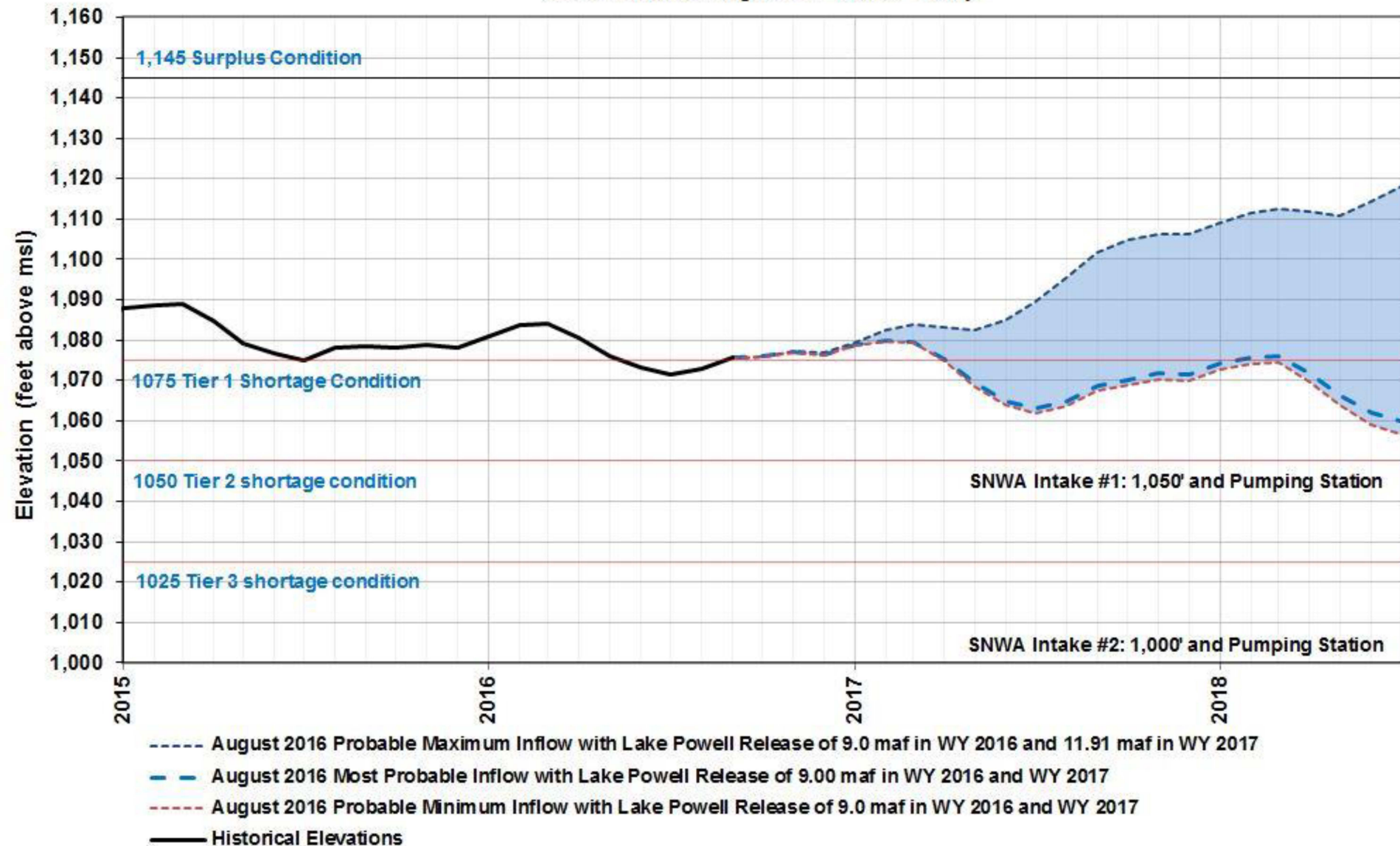
Reclamation's August 2016 24-Month Study

Unregulated Inflow into Lake Powell		
	WY2016	WY2017
Maximum Probable	90%	157%
Most Probable	90%	89%
Minimum Probable	90%	61%



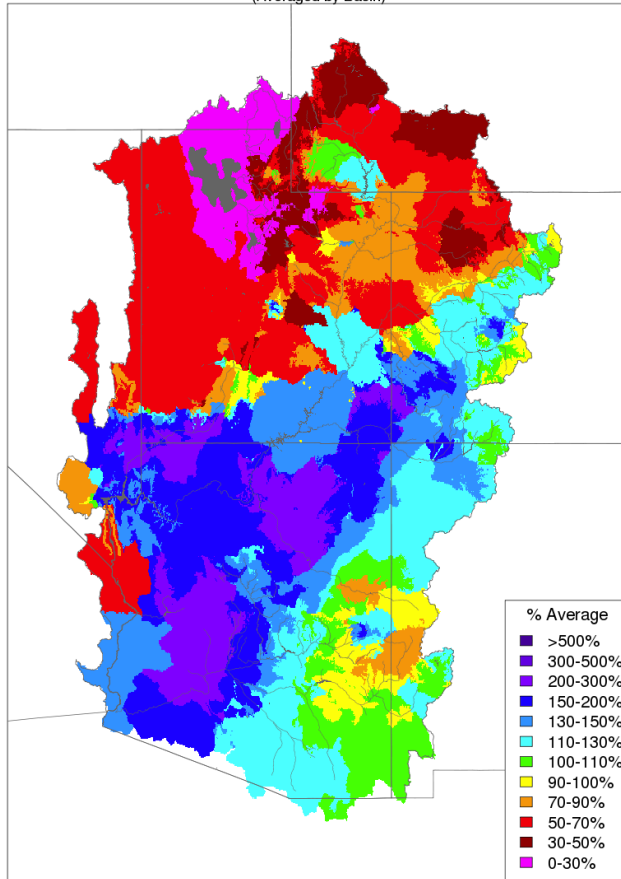
Lake Mead Projections

Reclamation's August 24-Month Study



Precipitation

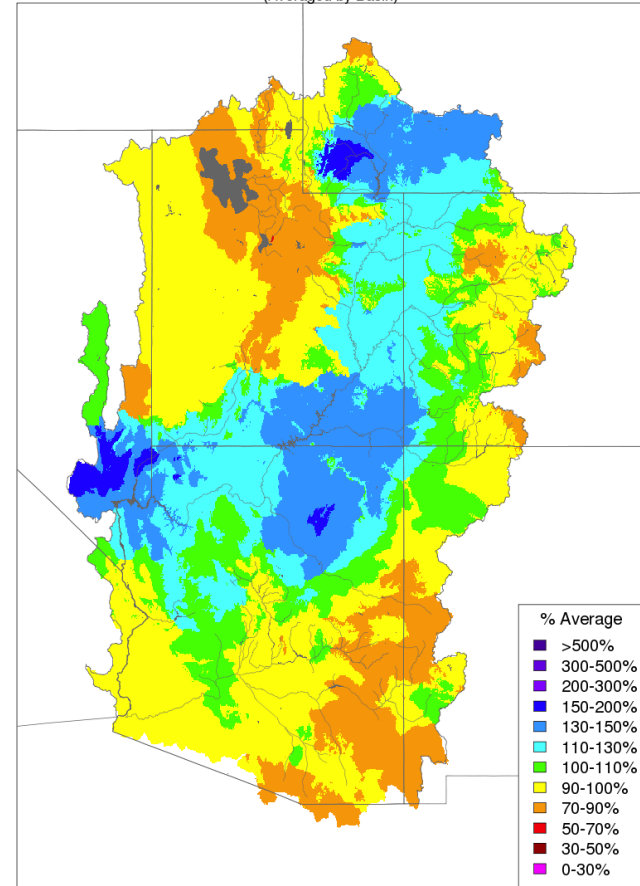
Monthly Precipitation - August 2016
(Averaged by Basin)



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

Above Lake Powell August
precipitation: 100%

Water Year Precipitation, October 2015 - August 2016
(Averaged by Basin)



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

Water year precipitation
to date: 96% (28.1")

Water Use in Southern Nevada

January – July 2016

2016: Consumptive Use = 136,561* af

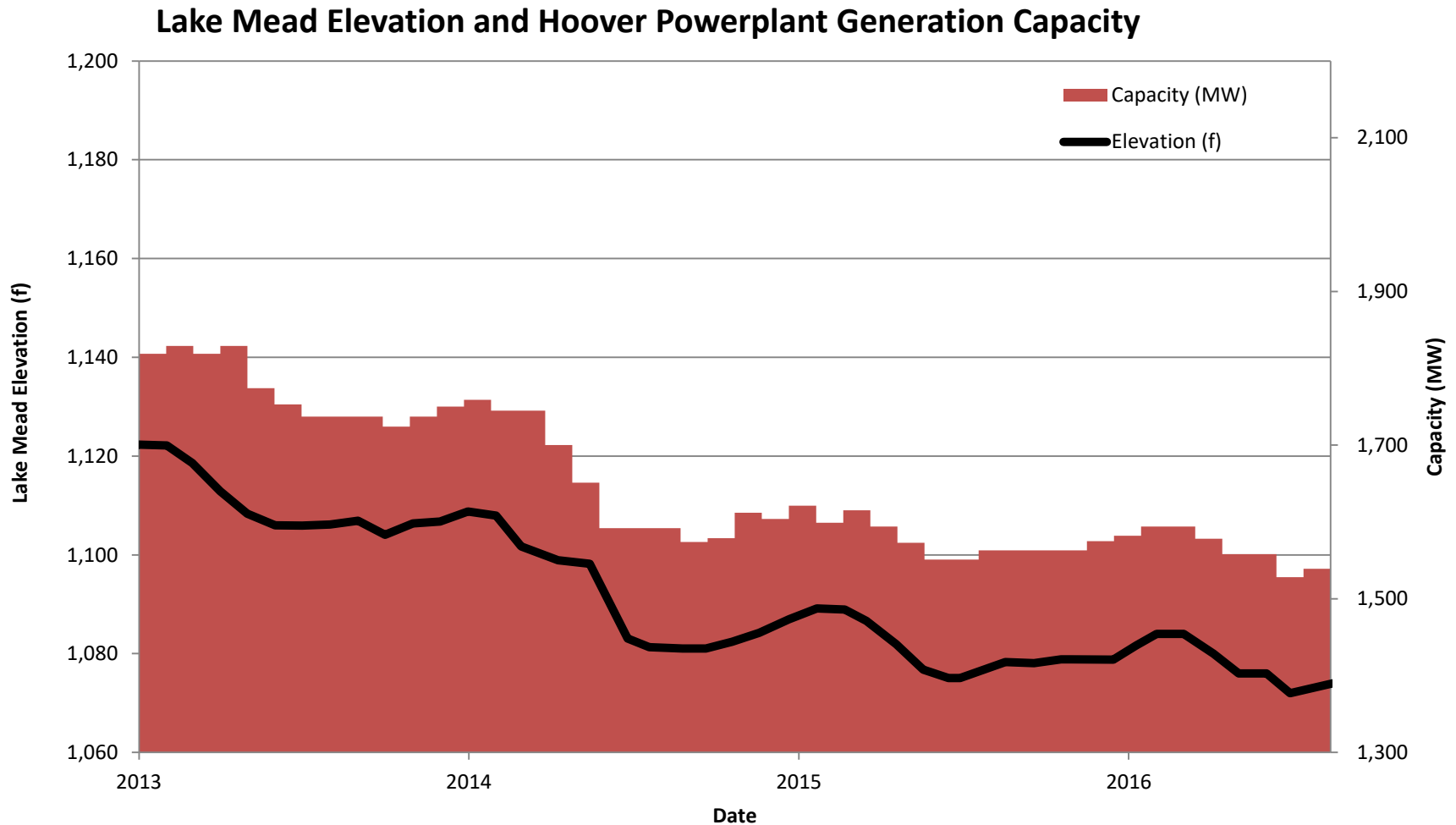
2015: Consumptive Use = 129,317 af

Difference = 7,244 af

*Subject to final accounting.



Hydropower Capacity



- On August 15, 2016 capacity was increased 11 MW to 1,539 MW from Slight elevation increase in Lake Mead.

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Questions?

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