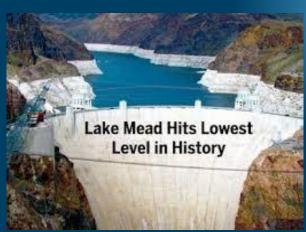
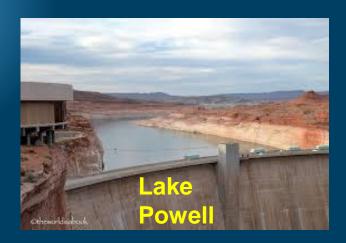
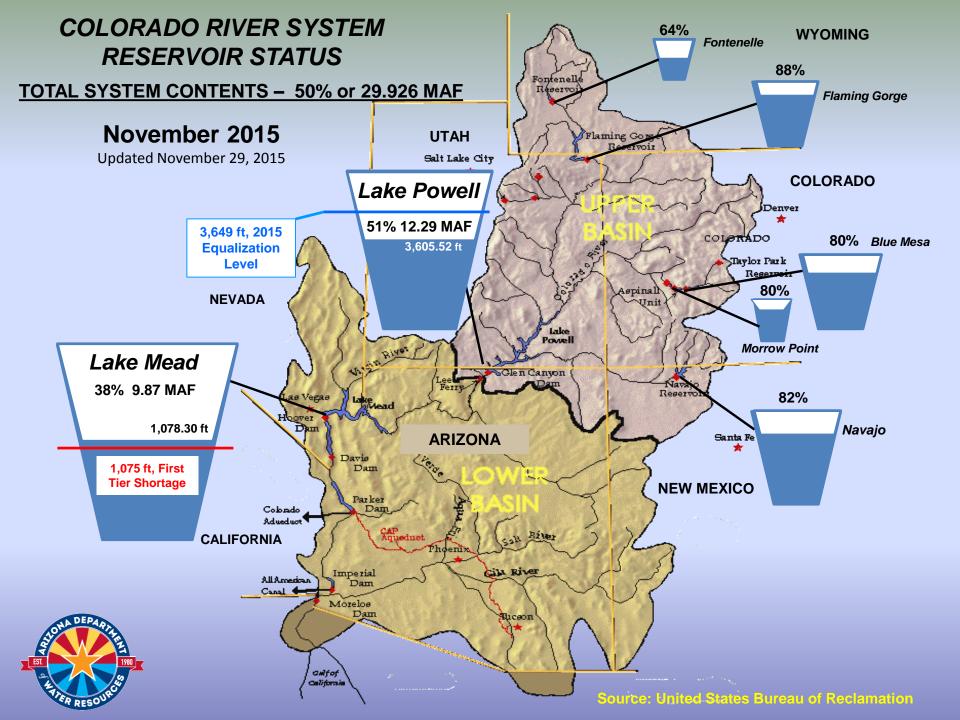
COLORADO RIVER BASIN UPDATE AND STATUS

Arizona Water Banking Authority December 2, 2015

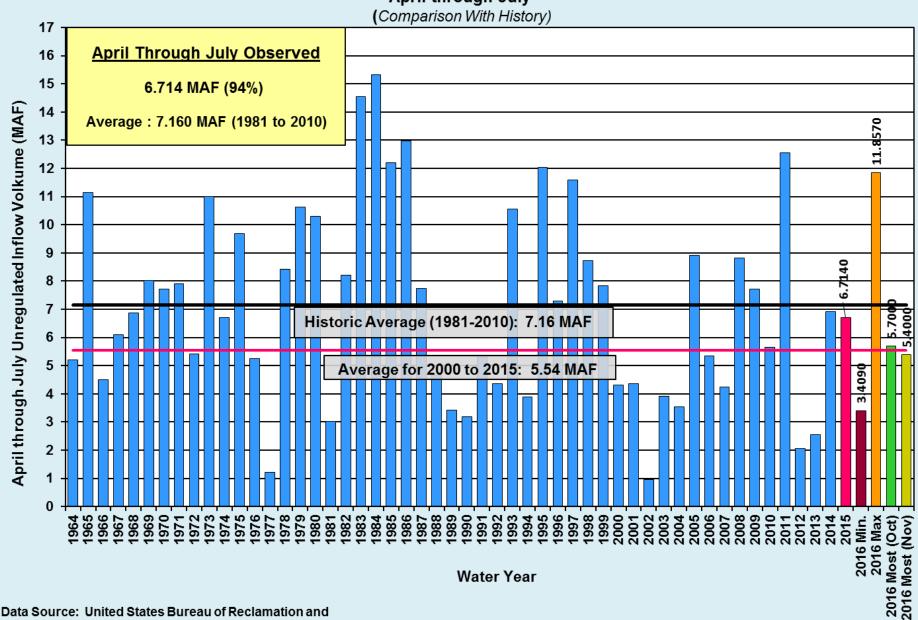












Water Year

Data Source: United States Bureau of Reclamation and Colorado Basin River Forecast Center

August 24-Month Study Results

Operational Tiers for Water/Calendar Year 2016 determined with the August 2015 24-Month Study

	Lake Powell		Lake Mead			
Elevation (feet)	Operation According to the Interim Guidelines	Live Storage (maf) ¹	Elevation (feet)	Operation According to the Interim Guidelines	Live Storage (maf) ¹	
3,700	Equalization Tier Equalize, avoid spills	24.3	1,220	Flood Control Surplus or Quantified Surplus Condition Deliver > 7.5 maf	25.9	
3,636 - 3,666 (2008-2026)	or release 8.23 maf Upper Elevation Balancing Tier ^a Release 8.23 maf.	1,200 (approx.) ² Upper Elevation Balancing Tier ² Balance 8 22 met		Domestic Surplus or ICS Surplus Condition Deliver > 7.5 maf	22.9 (approx.) ²	
	3,602.46 ft if Lake Mead < 1,075 feet, balance contents with		1,145	Normal or	15.9	
3,575	Jan 1, 2016 a min/max release of 7.0 and 9.0 maf	0.5	1,105	ICS Surplus Condition Deliver ≥ 7.5 maf 1,082.33 ft	11.9	
	Mid-Elevation Release Tier Release 7.48 maf,	9.5	1,075	Jan 1, 2016 Shortage Condition projection	9.4	
	if Lake Mead < 1 005 feet			Deliver 7.167⁴ maf		
3,525	if Lake Mead < 1,025 feet, release 8.23 maf	5.9	1,050	Deliver 7.167 ⁴ maf	7.5	
3,525 3,490		5.9 4.0	1,050 1,025 1,000	Shortage Condition	7.5 5.8 4.3	

Diagram not to scale

Source: United States Bureau of Reclamation

Acronym for million acre-feet

² This elevation is shown as approximate as it is determined each year by considering several factors including Lake Powell and Lake Mead storage, projected Upper Basin and Lower Basin demands, and an assumed inflow.

Subject to April adjustments which may result in a release according to the Equalization Tier

⁴ Of which 2.48 maf is apportioned to Arizona, 4.4 maf to California, and 0.287 maf to Nevada

Of which 2.40 maf is apportioned to Arizona, 4.4 maf to California, and 0.283 maf to Nevada

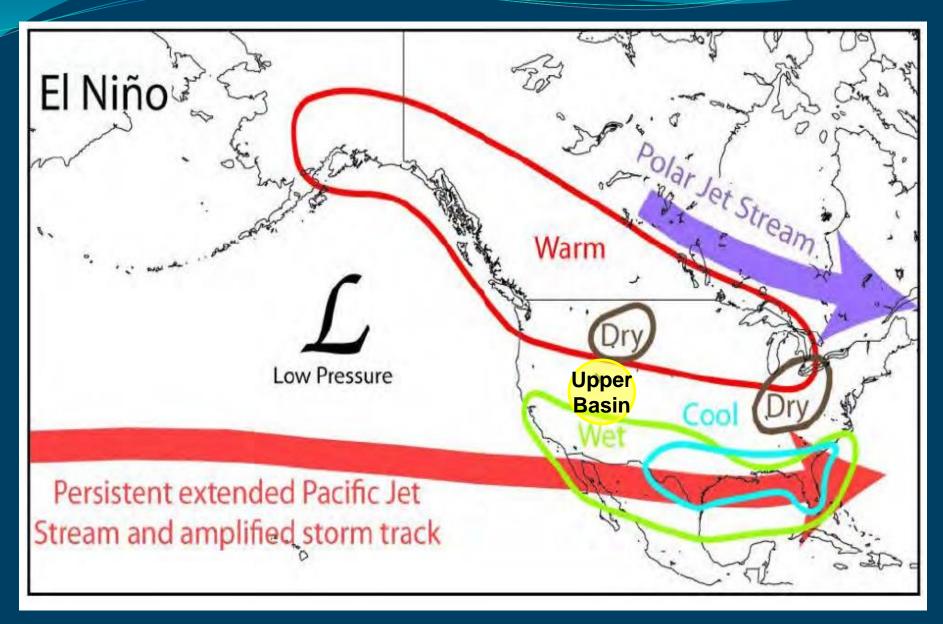
⁶ Of which 2.32 maf is apportioned to Arizona, 4.4 maf to California, and 0.280 maf to Nevada

Whenever Lake Mead is below elevation 1,025 feet, the Secretary shall consider whether hydrologic conditions together with anticipated deliveries to the Lower Division States and Mexico is likely to cause the elevation at Lake Mead to fall below 1,000 feet. Such consideration, in consultation with the Basin States, may result in the undertaking of further measures, consistent with applicable Federal law.

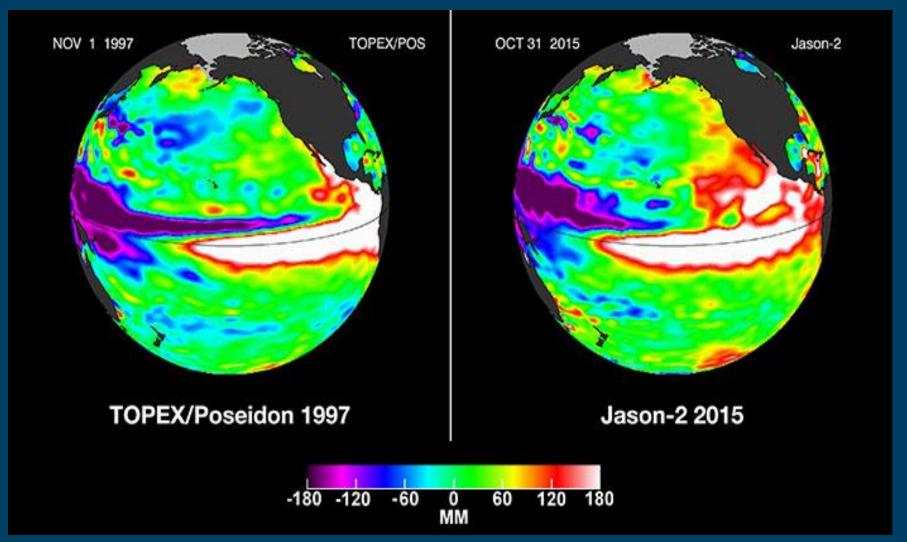
Probabilities of Shortage Based on United States Bureau of Reclamation CRSS Model Run – August 2015

	2016	2017	2018	2019	2020
Probability of any level of shortage (Mead ≤ 1,075 feet)	0	18	52	65	59
1 st level shortage (Mead ≤ 1,075 and ≥1,050 feet)	0	18	42	47	35
2 nd level shortage (Mead <1,050 and ≥1,025 feet)	0	0	10	14	18
3 rd level shortage (Mead <1,025 feet)	0	0	0	4	7

Generalized El Nino Weather Pattern

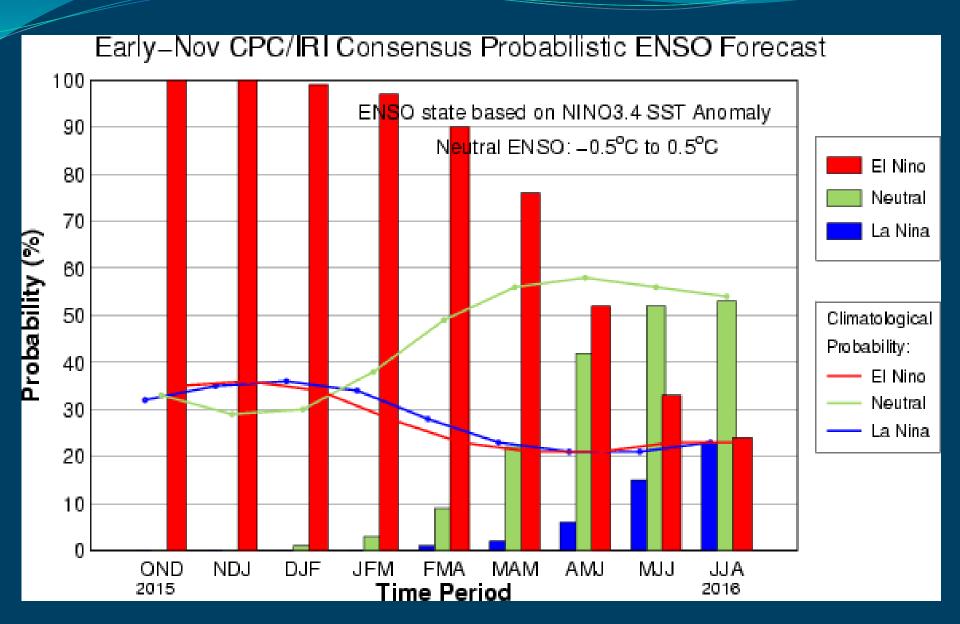


"El Niño strengthening, will be among biggest on record: WMO" Reuters - November 16, 2015

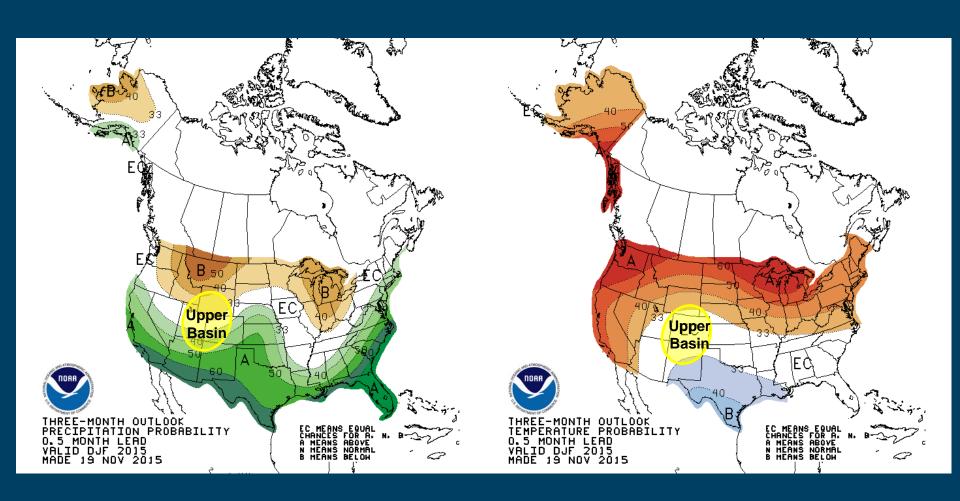


Source: National Oceanic and Atmospheric Administration - Climate Prediction Center

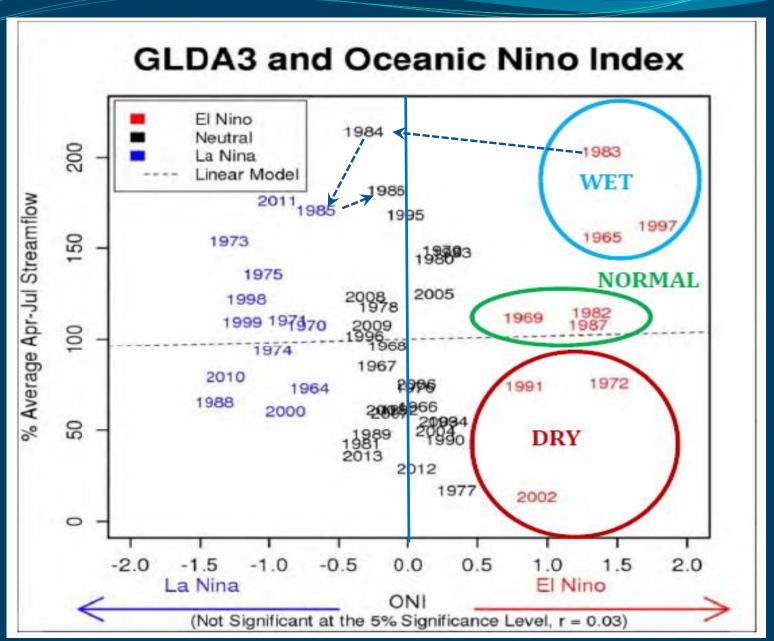
El Nino Forecast



Precipitation and Temperature Outlook: Through March 2016

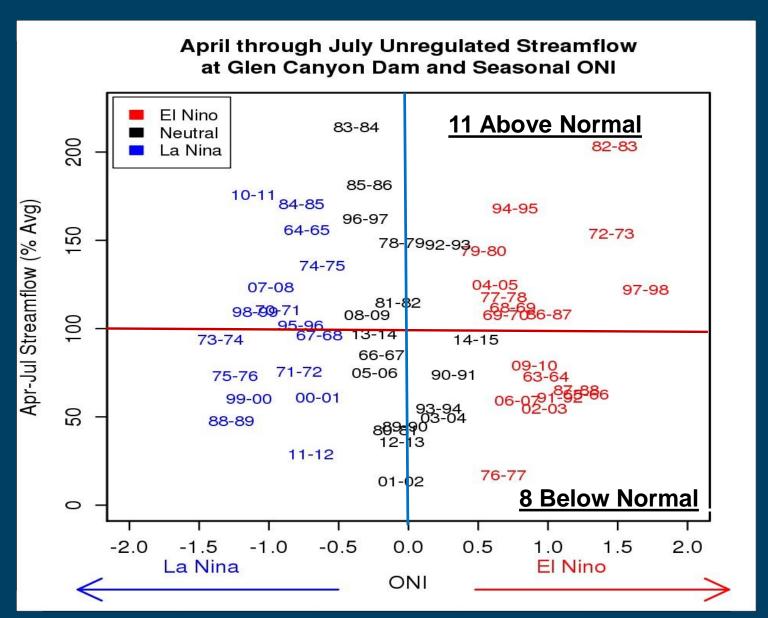


Lake Powell Inflow and El Nino



Source: Colorado Basin River Forecast Center

Lake Powell Inflow and El Nino



Source: Colorado Basin River Forecast Center