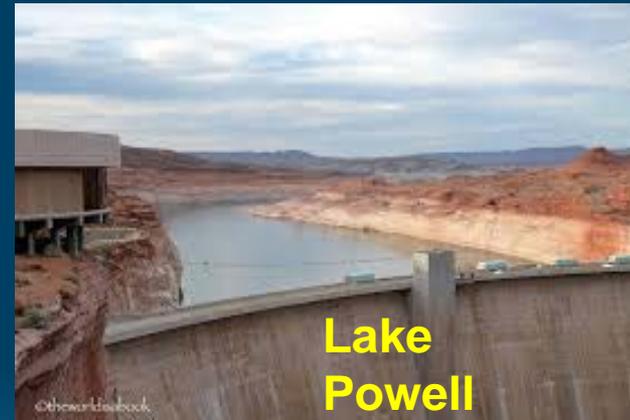
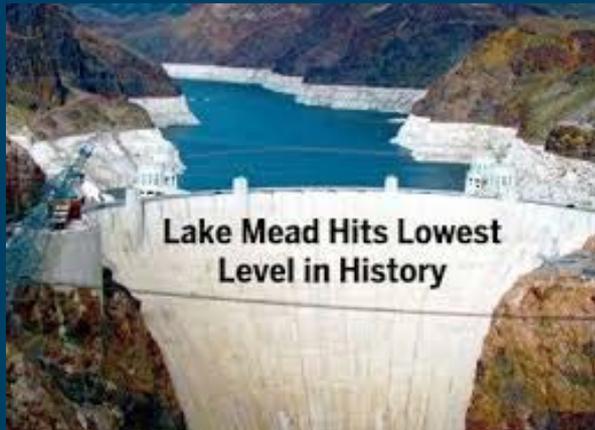


COLORADO RIVER BASIN UPDATE AND STATUS

Presented to
Arizona Water Banking Authority
September 29, 2016

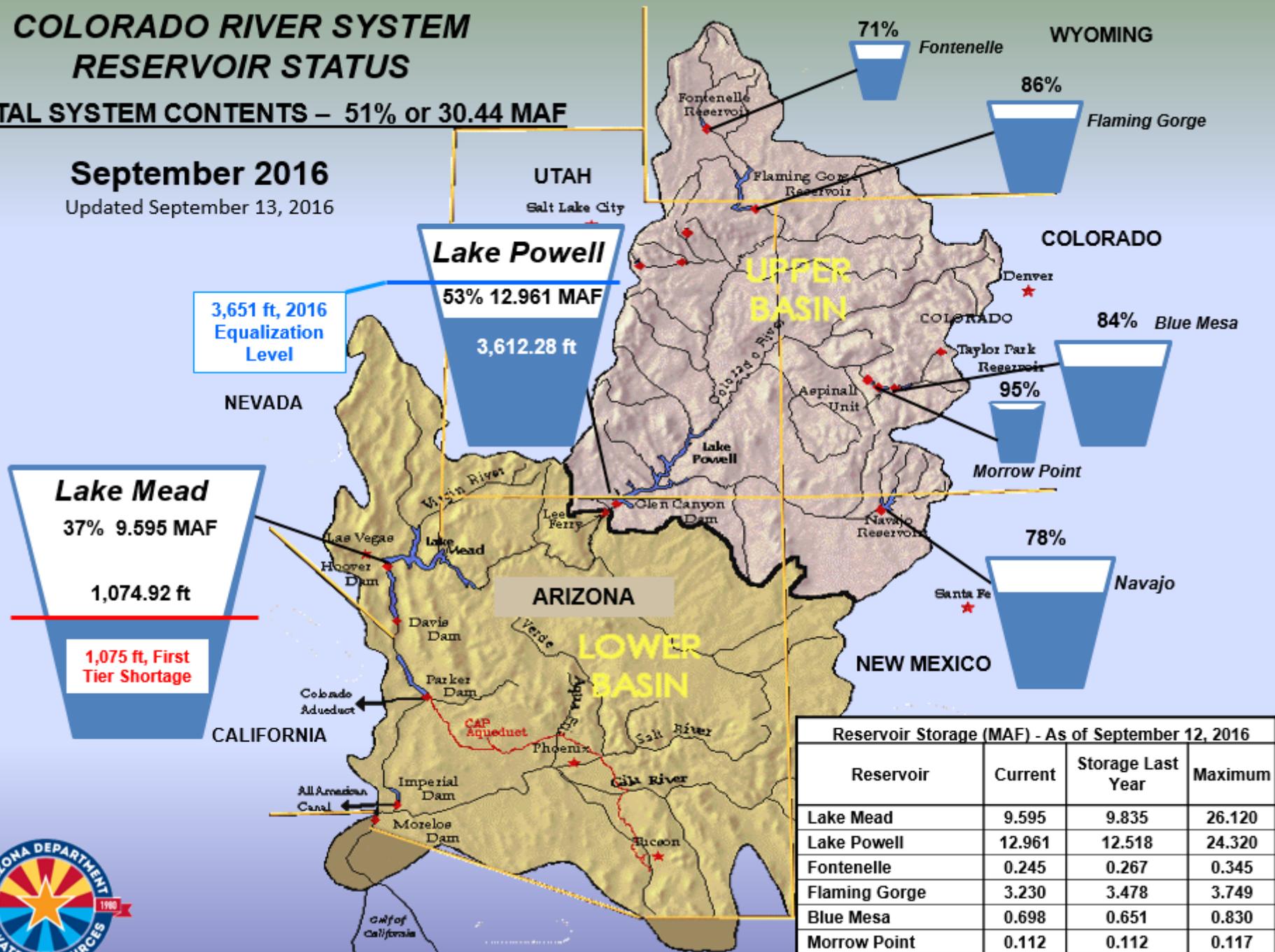


COLORADO RIVER SYSTEM RESERVOIR STATUS

TOTAL SYSTEM CONTENTS – 51% or 30.44 MAF

September 2016

Updated September 13, 2016



Reservoir Storage (MAF) - As of September 12, 2016			
Reservoir	Current	Storage Last Year	Maximum
Lake Mead	9.595	9.835	26.120
Lake Powell	12.961	12.518	24.320
Fontenelle	0.245	0.267	0.345
Flaming Gorge	3.230	3.478	3.749
Blue Mesa	0.698	0.651	0.830
Morrow Point	0.112	0.112	0.117
Navajo	1.326	1.408	1.700

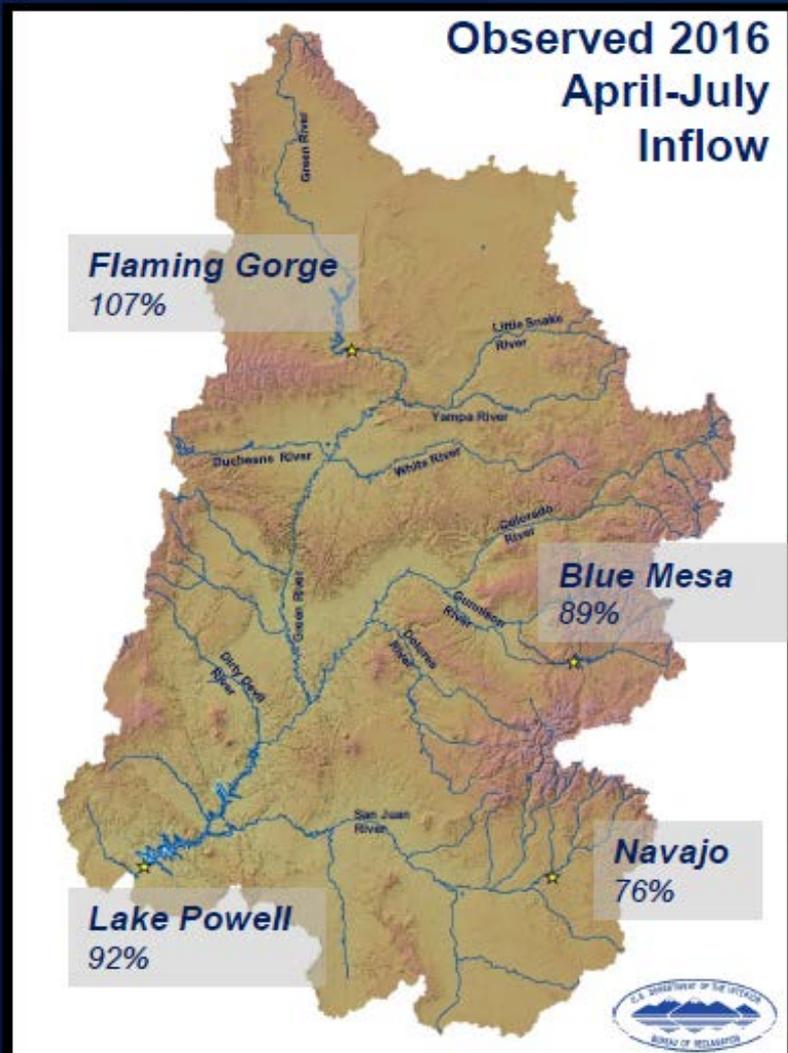


Data Source: US Bureau of Reclamation

COLORADO RIVER BASIN FORECAST CENTER

INFLOW FORECAST

September 16, 2016

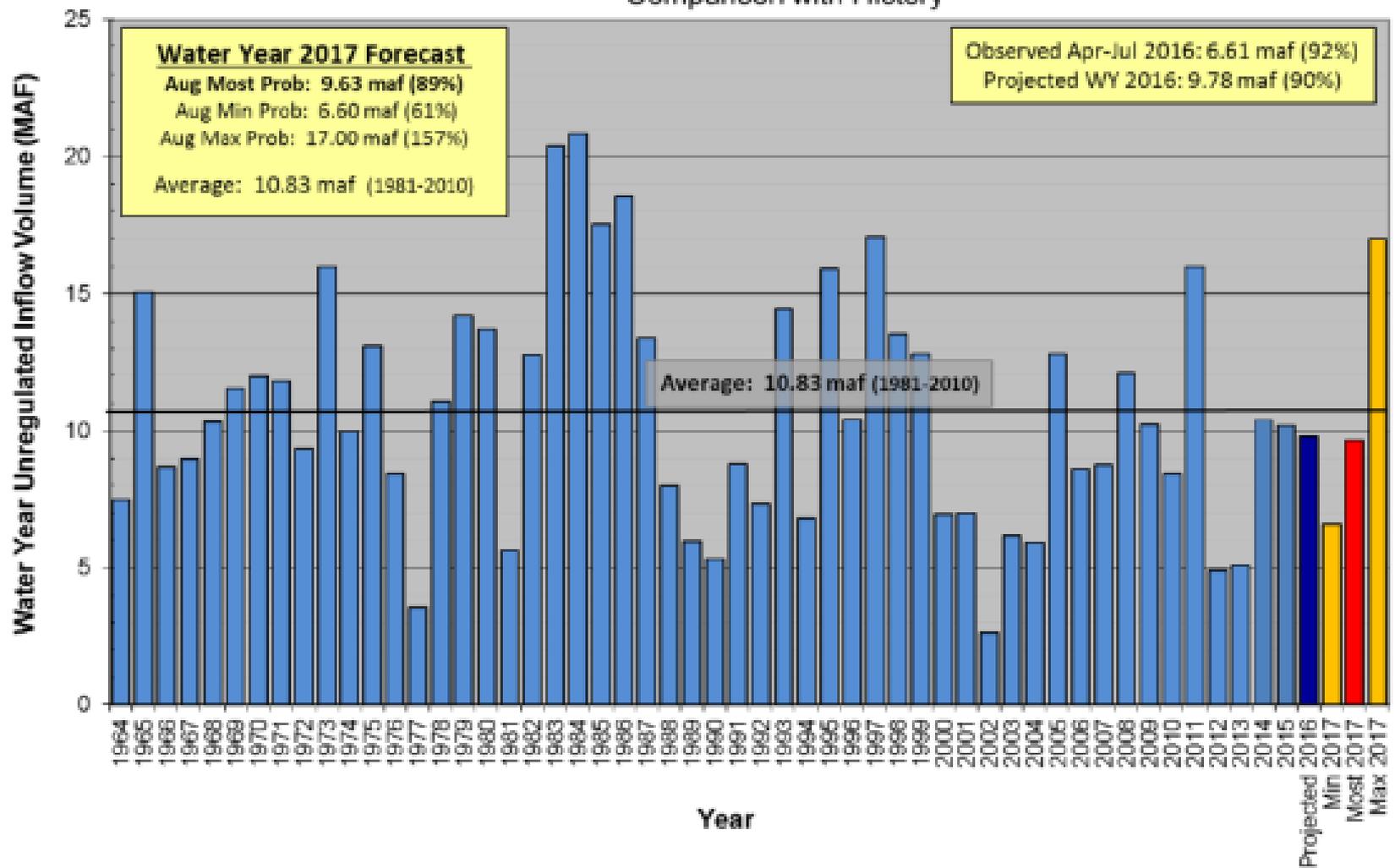


Month/Period	Inflow (KAF)	Percent of Average
Aug 2016 (observed)	253	51
Sep. 2016	220	54
Oct. 2016	420	82
Nov. 2016	400	84
2016 April-July (observed)	6,610	92
WY 2016	9,555	88

Lake Powell Unregulated Inflow

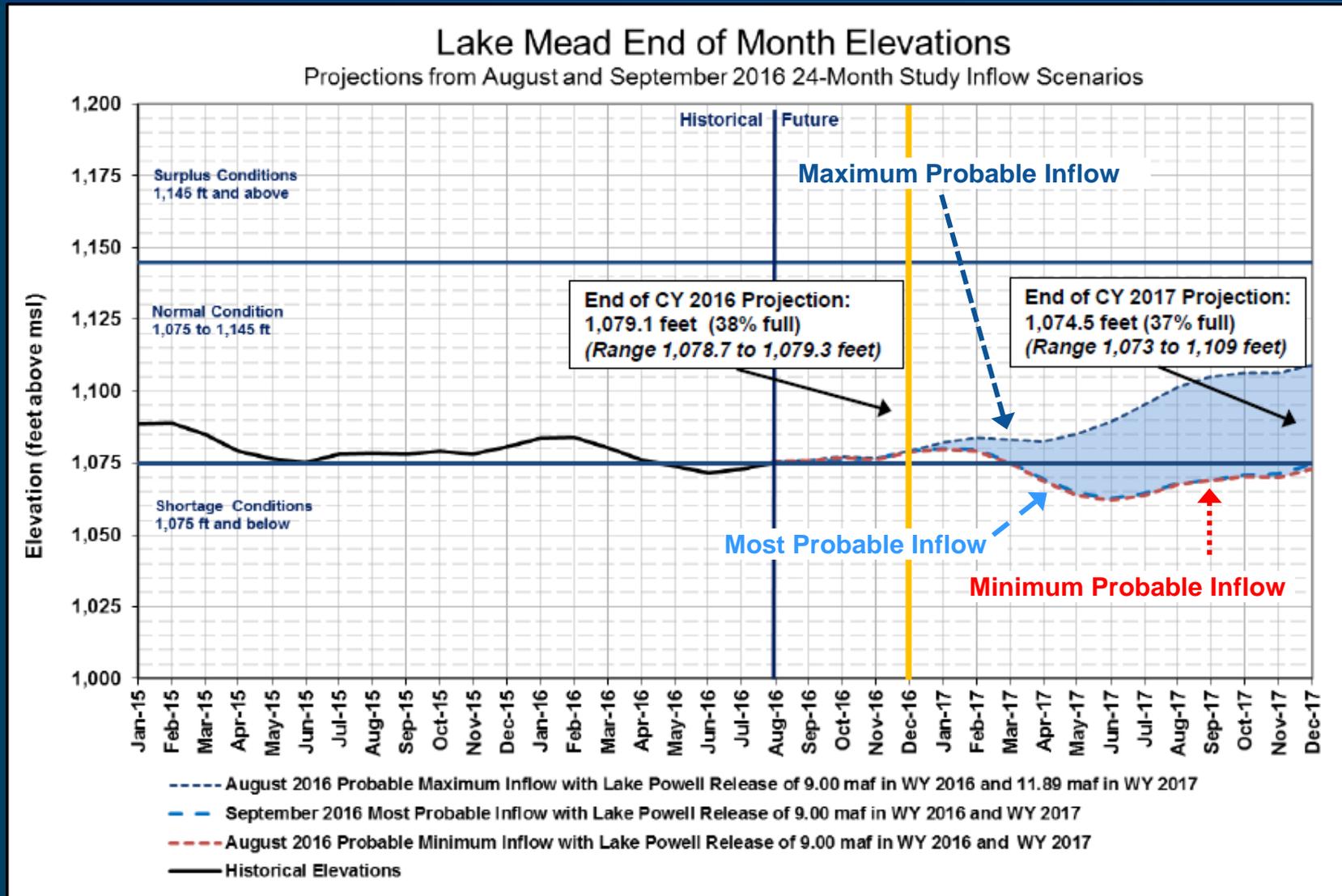
Water Year 2017 Forecast *(issued August 1)*

Comparison with History



LAKE MEAD END OF ON MONTH ELEVATIONS

August and September 2016 24-Month Study Projection



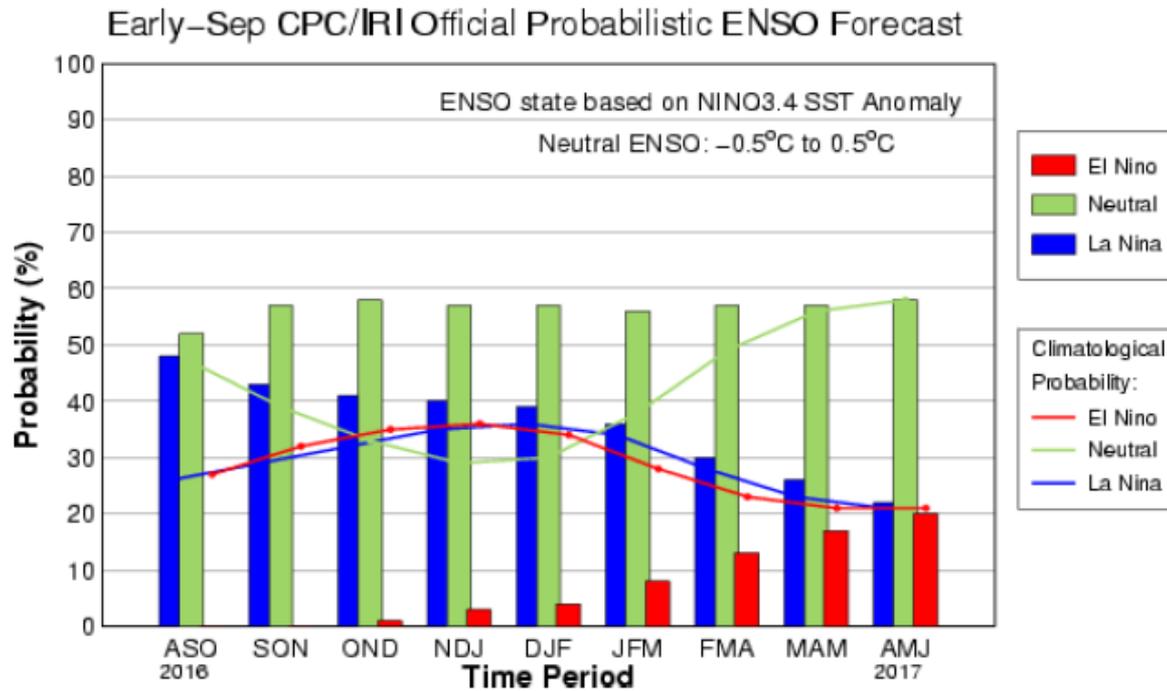
Probabilities of Lower Colorado River Basin Shortage

U.S. Bureau of Reclamation CRSS Model Run – August 2016

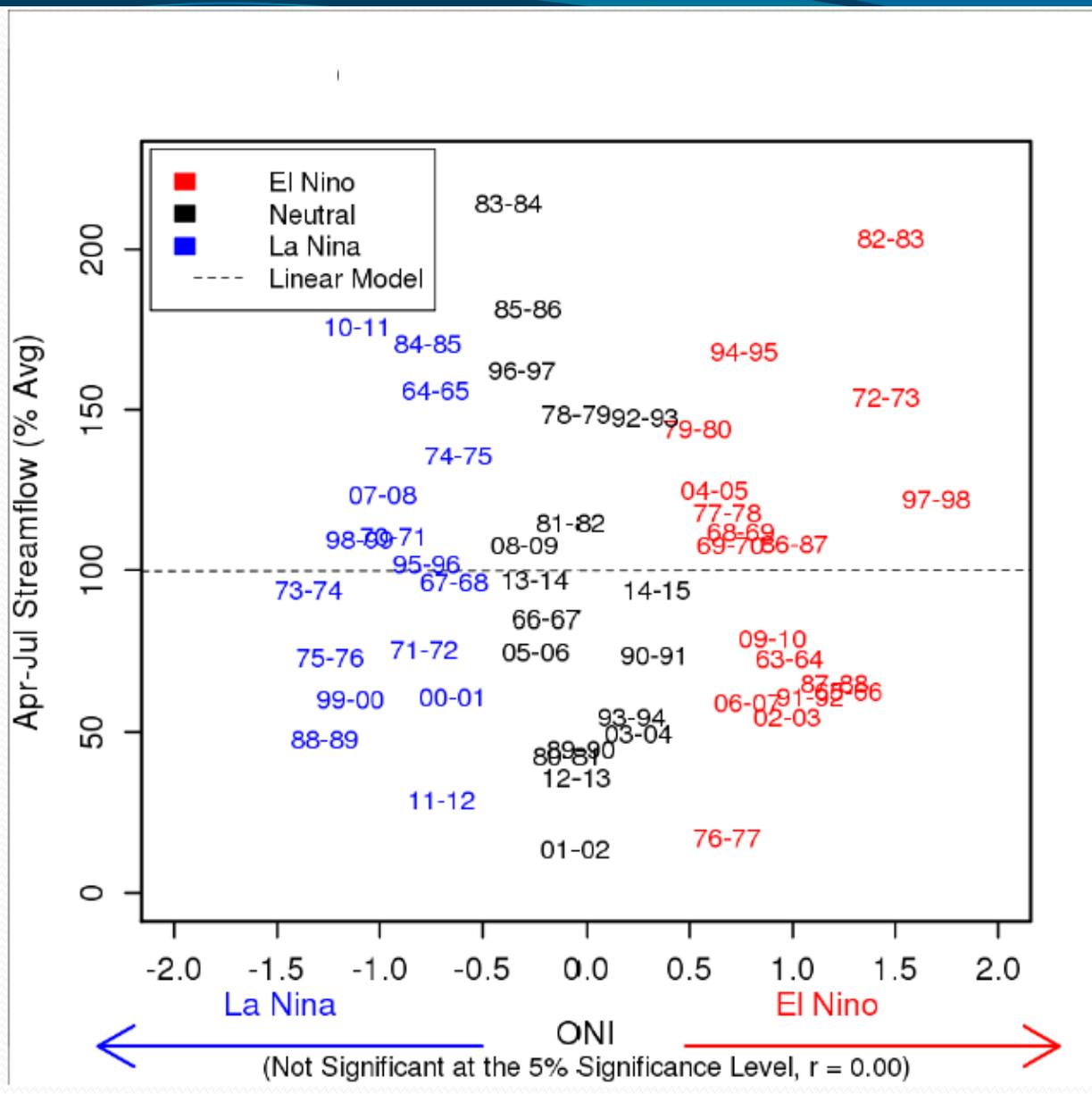
	2017	2018	2019	2020	2021
Probability of any level of shortage (Mead \leq 1,075 ft.)	0	48	60	60	56
1 st level shortage (Mead \leq 1,075 and \geq 1,050 ft)	0	48	50	41	33
2 nd level shortage (Mead $<$ 1,050 and \geq 1,025 ft)	0	0	10	16	16
3 rd level shortage (Mead $<$ 1,025)	0	0	0	3	7

Source: Bureau of Reclamation Results from the August 2016 CRSS model run.

ENSO-neutral is slightly favored (55-60% chance) through the Northern Hemisphere fall and winter 2016-17.



Lake Powell Inflow and El Nino



Source: Colorado Basin River Forecast Center