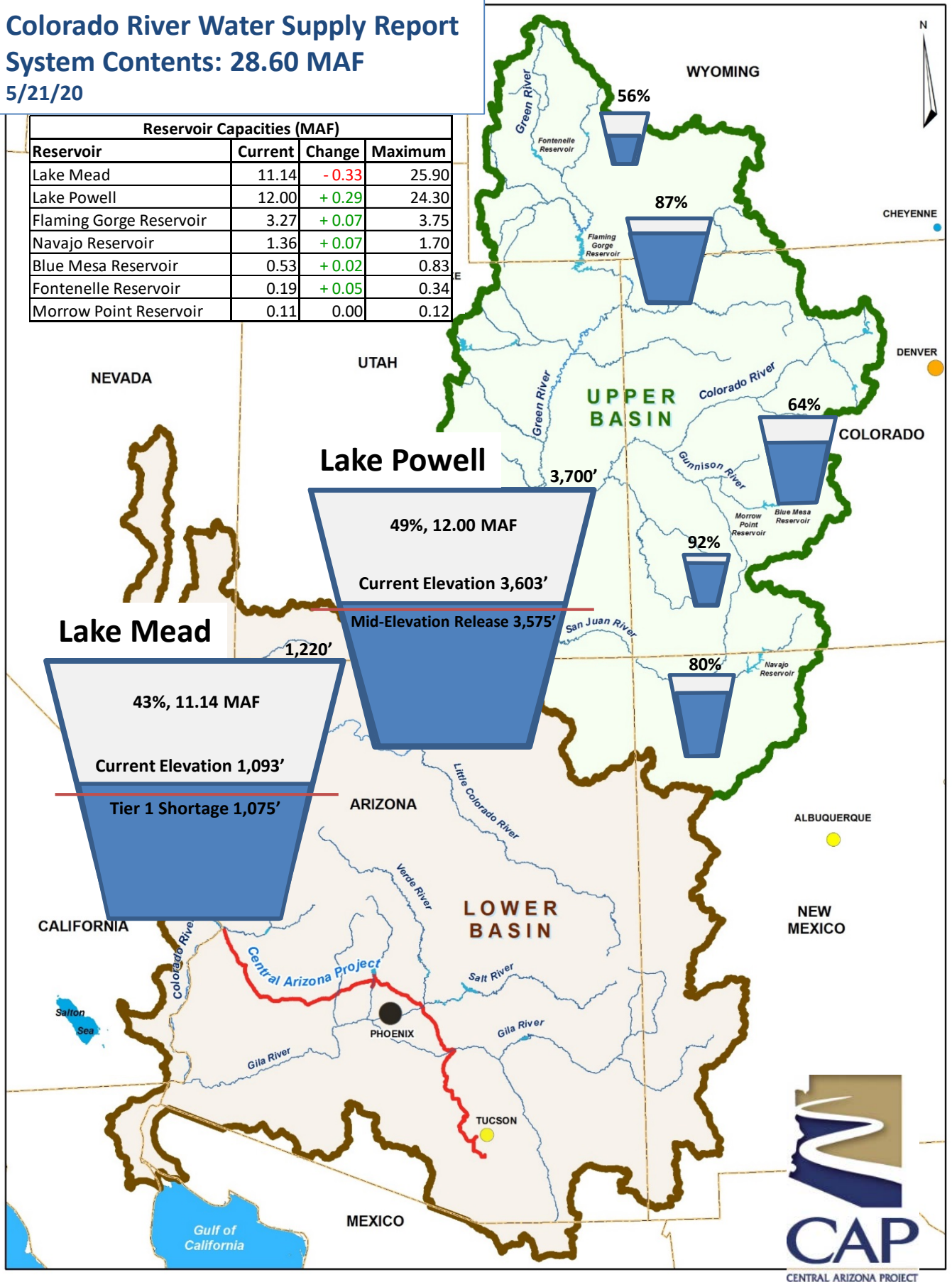


# Colorado River Water Supply Report

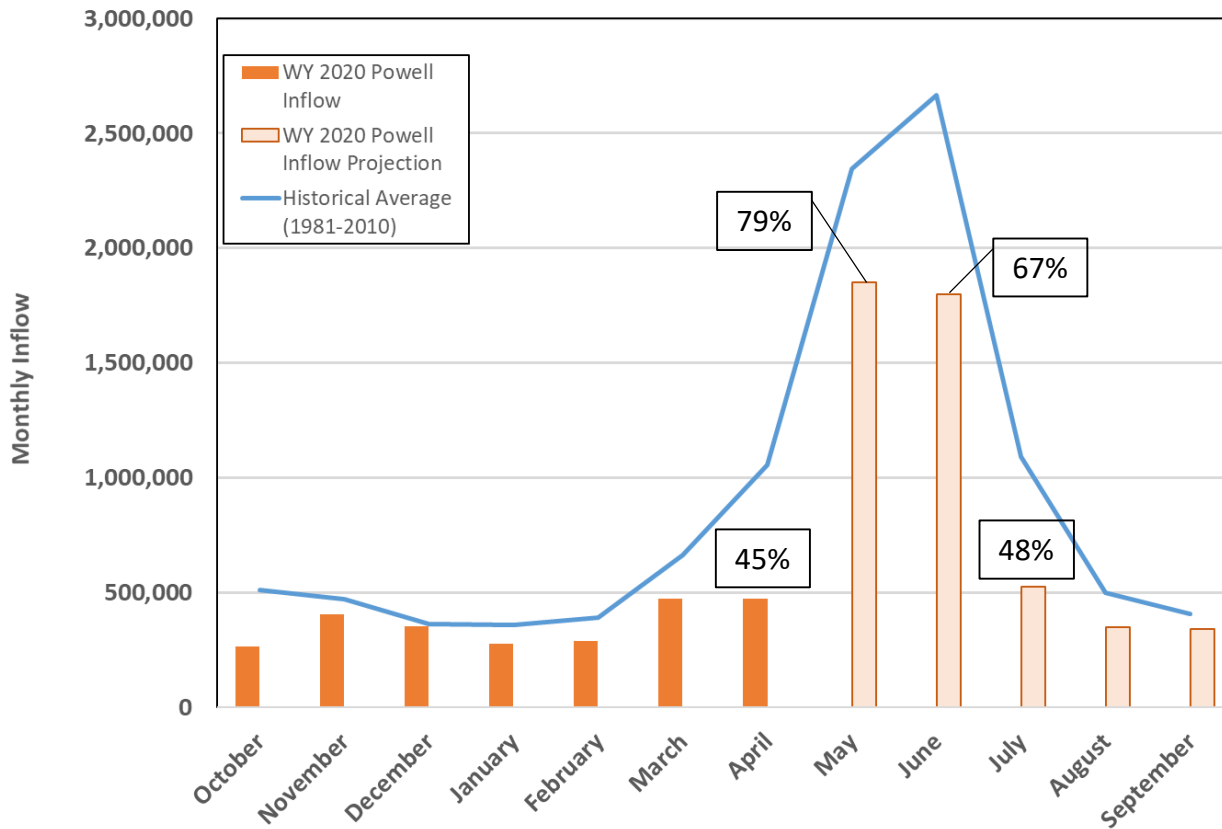
## System Contents: 28.60 MAF

5/21/20

Reservoir Capacities (MAF)			
Reservoir	Current	Change	Maximum
Lake Mead	11.14	-0.33	25.90
Lake Powell	12.00	+0.29	24.30
Flaming Gorge Reservoir	3.27	+0.07	3.75
Navajo Reservoir	1.36	+0.07	1.70
Blue Mesa Reservoir	0.53	+0.02	0.83
Fontenelle Reservoir	0.19	+0.05	0.34
Morrow Point Reservoir	0.11	0.00	0.12



WY 2020 Lake Powell Unregulated Inflow (Acre-feet)



The 2020 May 24-Month Study contains the monthly unregulated inflow into Lake Powell during the April-July runoff period, with observed data through April and projected monthly inflows for May through the end of the Water Year.

April unregulated inflow into Lake Powell was at 45% of the historical 30-year average (1981-2010). Projections for remaining months of the peak runoff period (May to July) are forecasted to be lower than the historical average for each of the individual months. The April-July unregulated inflow into Lake Powell is projected to be 61% of the historical average.

Although the snowpack was tracking fairly closely with historical averages, the 2020 runoff projections are well below average due to dry soil moisture conditions throughout the Basin prior to this winter.

**Probability of System Conditions - April 2020 (Observed, **Stress Test**)**

	2020		2021		2022		2023		2024	
<b>Lake Powell Release &gt; 8.23 MAF</b>	<b>0</b>	<b>0</b>	<b>45</b>	<b>47</b>	<b>60</b>	<b>52</b>	<b>61</b>	<b>52</b>	<b>62</b>	<b>52</b>
Equalization > 8.23 MAF	0	0	7	2	21	6	21	10	25	13
Upper Elevation > 8.23 MAF	0	0	38	45	39	46	40	42	37	39
<b>Lake Powell Release = 8.23 MAF</b>	<b>100</b>	<b>100</b>	<b>55</b>	<b>53</b>	<b>26</b>	<b>26</b>	<b>20</b>	<b>14</b>	<b>19</b>	<b>11</b>
Equalization = 8.23 MAF	0	0	0	0	<1	0	<1	0	<1	0
Upper Elevation = 8.23 MAF	100	100	55	53	26	26	20	14	18	11
Mid-Elevation = 8.23 MAF	0	0	0	0	0	0	0	0	<1	0
<b>Lake Powell Release &lt; 8.23 MAF</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14</b>	<b>22</b>	<b>19</b>	<b>33</b>	<b>19</b>	<b>31</b>
Upper Elevation < 8.23 MAF	0	0	0	0	<1	<1	<1	0	1	<1
Mid-Elevation = 7.48 MAF	0	0	0	0	14	22	19	33	18	31
<b>Lake Mead Elevation Reduction Tiers</b>	<b>100</b>	<b>100</b>	<b>94</b>	<b>94</b>	<b>86</b>	<b>90</b>	<b>74</b>	<b>88</b>	<b>72</b>	<b>87</b>
DCP Tier 0 (1090'-1075')	100	100	94	94	77	78	44	41	34	32
Tier 1 Shortage (1075'-1050')	0	0	0	0	9	12	30	44	28	32
Tier 2 Shortage (1050'-1025')	0	0	0	0	0	0	0	3	9	23
Tier 3 Shortage (< 1025')	0	0	0	0	0	0	0	0	1	0

Source: U.S. Bureau of Reclamation

Observed Record: 1906-2018

**Stress Test Period: 1988-2018**