

Historical Information for the Roundtable

1. Connections

Compacts, agreements, and any possible future programs are all CONNECTED. Rights to Colorado River water and Compact Compliance (under variable water supplies).

1.1. Colorado River Compact (1922 – Perpetuity)

- Divides watershed into Upper and Lower Basins
- 7.5 MAF consumptive use apportioned to each Upper and Lower Basins
- Requires the Upper Basin to not cause the flow to be depleted at Lee Ferry below 75 MAF over a ten-year rolling average
- For further details see: Article III(a) – Apportionment; Article III(d) – Non-Depletion Clause; Article III(e) – Operational Provisions; Article IV

1.2. Treaty with Mexico (1944 – Perpetuity)

- Guarantees Mexico an annual quantity of 1.5 MAF and if a system surplus exists, amount can increase to 1.7 MAF
- In “extraordinary drought” allotment can be reduced in proportion to reduction of uses with the U.S. however the Treaty does not define “extraordinary drought” and any definition would apply to the Lower Rio Grande too
- For further details see: Article 10(b); Schedule II(e)

1.3. Upper Colorado River Basin Compact (1948 – Perpetuity)

- Colorado apportioned of 51.57% of available consumptive use
- Tasks the Upper Colorado River Commission with determining volume of water for each Upper Basin state
- For further details see: Article III; Article VIII

1.4. Interim Guidelines (2007 – 2026)

- Requires Lower Basin to take shortages
- Coordinates reservoir operation to stabilize system
- Secures Upper Basin right to release from the Lake Powell
- Avoids protracted litigation
- Will be re-negotiated by 2026

1.5. Drought Contingency Plans for the Lower and Upper Basins (2019? – 2026)

- TEMPORARY plans to help prevent system crash if drought worsens
- Allows states to control their own destiny
- Helps assure '07 Interim Guidelines can operate until 2026
- Avoids litigation
- Provides opportunity to identify best tools to continue Upper Basin compact compliance

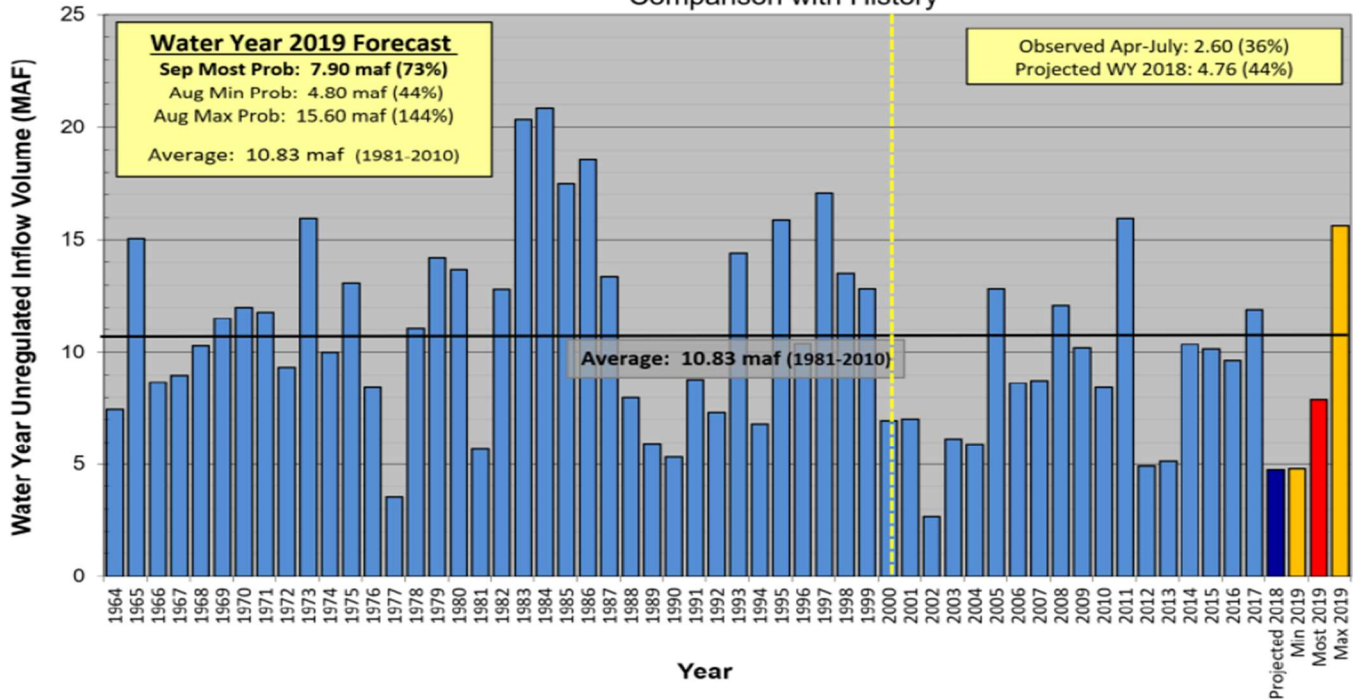
1.6. Upper Basin Demand Management Program (TBD)

- One potential tool made possible under Upper Basin Drought Contingency Plan IF DEEMED FEASIBLE
- Only advances if each Upper Basin state agrees to terms and conditions

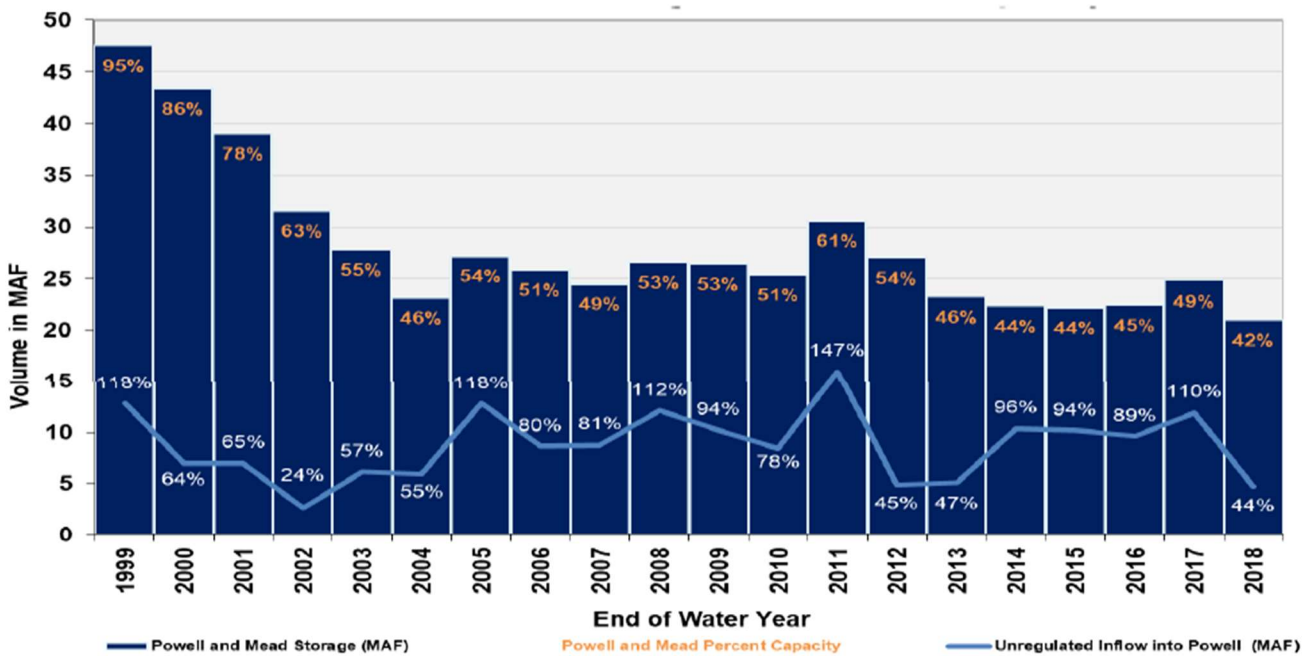
2. Critical Reservoir Sizes

Reservoir	Inflow	Volume (AF)	Adj. Date	Appr. Date
Jackson	Mancos	10,000	3/22/1963	10/31/1936
Lemon	Florida	40,146	3/21/1966	6/10/1936
Vallecito	Pine	125,400	3/07/1966	11/31/1935
Animas-La Plata	Animas	123,541	3/21/1966	9/02/1938
McPhee	Dolores	381,100	3/22/1963	9/10/1940
Blue Mesa	Gunnison	829,500	3/30/1960	11/13/1957
Navajo	San Juan	1,708,600		
Flaming Gorge	Green	3,788,700		
Lake Powell	Colorado & San Juan	24,322,000		
Lake Mead	Colorado	26,134,000		

Lake Powell Unregulated Inflow Water Year 2019 Forecast (issued September 1) Comparison with History



Lake Powell & Mead Storage and Percent Capacity & Unregulated Inflow into Lake Powell



¹Values for Water Year 2018 are projected. Unregulated inflow is based on the latest CBRFC forecast dated September 17, 2018. Storage and percent capacity are based on the September 2018 24-Month Study.

²Percentages on the light blue line represent percent of average unregulated inflow into Lake Powell for a given water year. The percent of average is based on the period of record from 1981-2010.