Status of the Colorado River & Lake Mead

Pima County LDIG
September 9, 2020

Mitch Basefsky
External Relations
Pima/Pinal

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Lake Mead & Powell Status

1/1/2000 87% Full
(21.3 MAF)

9-8-20
3599'
47.8% Full
(11.6 MAF)

Lake Powell

Water Year 2020 Inflow is 59% of Avg

1/1/2000 91% Full
(25 MAF)

9-8-20
1084.1'
40.0% Full
(10.4 MAF)

Lake Mead

Up 0.6 ft from 2019

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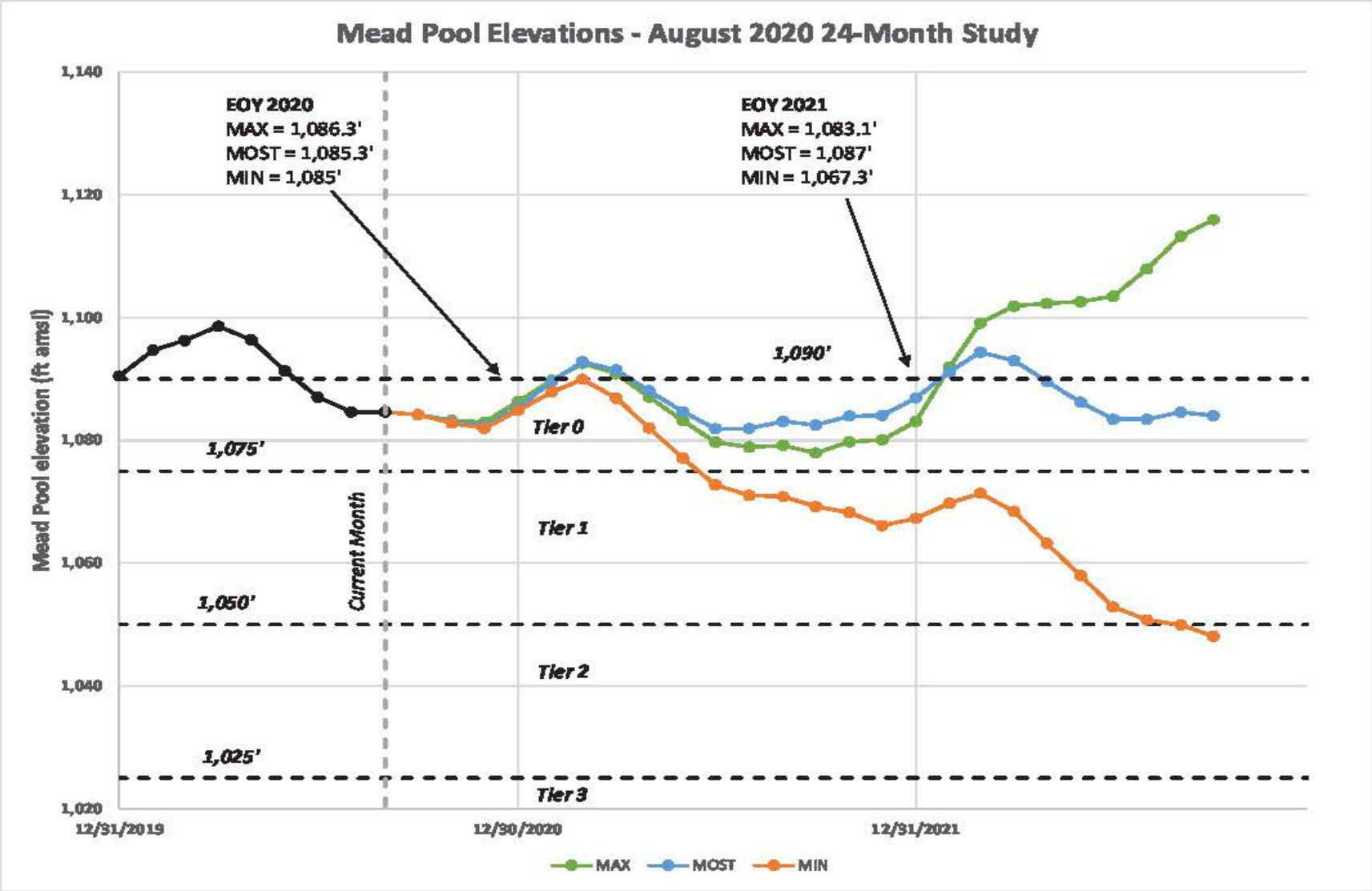
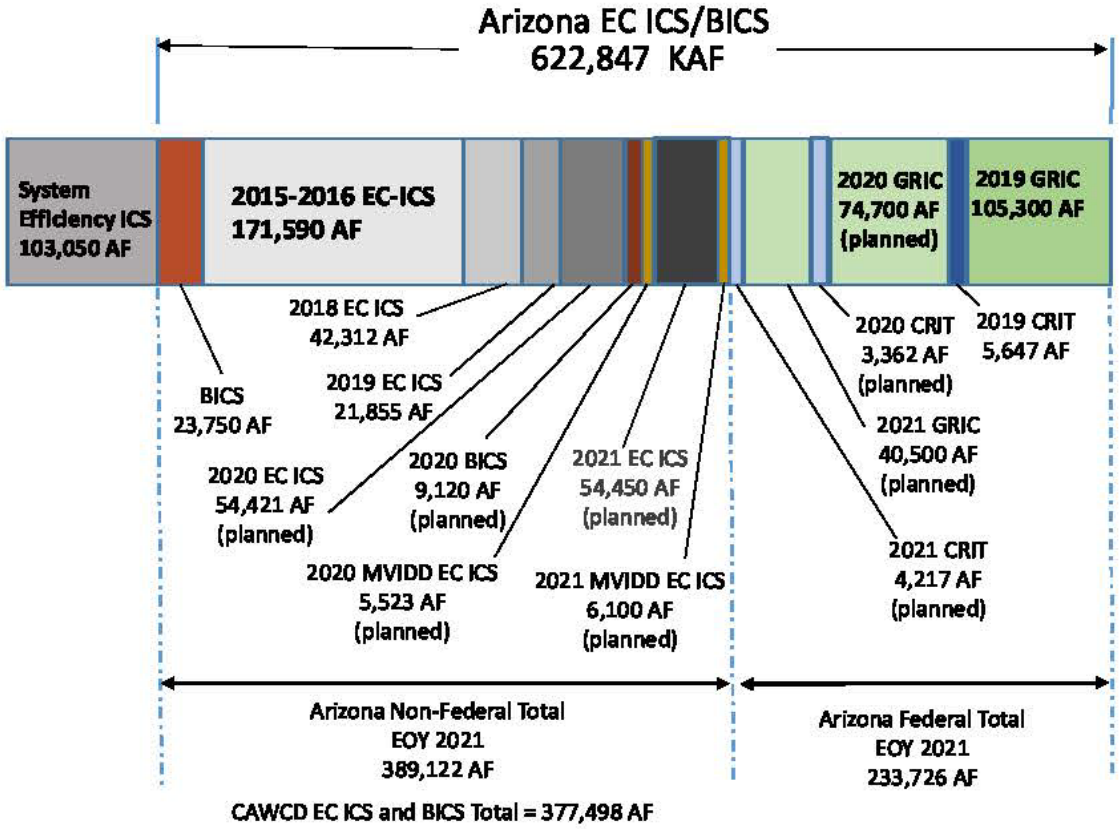
Lake Mead Projections



Arizona ICS Accumulation for DCP – Planned EOY 2021



AZ ICS - 2021

- Arizona projected to exceed 600 KAF accumulation capacity
- Exploring options to address limitations
- CAWCD may need to evacuate capacity in 2022

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Probability of System Conditions - April 2020 (1988 - 2018, aka Stress Test)

	2020	2021	2022	2023	2024
Lake Powell Release > 8.23 MAF	**0**	**47**	**52**	**52**	**52**
Equalization > 8.23 MAF	0	2	6	10	13
Upper Elevation > 8.23 MAF	N	45	46	42	39
Lake Powell Release = 8.23 MAF	**100**	**53**	**26**	**14**	**11**
Equalization = 8.23 MAF	0	0	0	0	0
Upper Elevation = 8.23 MAF	100	53	26	14	11
Mid-Elevation = 8.23 MAF	0	0	0	0	0
Lake Powell Release < 8.23 MAF	**0**	**0**	**22**	**33**	**31**
Upper Elevation < 8.23 MAF	0	0	0	0	0
Mid-Elevation = 7.48 MAF	0	0	22	33	31
Lake Mead Elevation Reduction Tiers	**100**	**94**	**90**	**88**	**87**
DCP Tier 0 (1090'-1075')	100	94	78	41	32
Tier 1 Shortage (1075'-1050')	0	0	12	44	32
Tier 2 Shortage (1050'-1025')	0	0	0	3	23
Tier 3 Shortage (< 1025')	0	0	0	0	0

Source: U.S. Bureau of Reclamation

*Powell releases in 2024 include ~6% probability of Lower Elevation Balancing Tier releases ranging from 7.0 - 9.5 MAF

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QUESTIONS?

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