

# Status of the Colorado River & Lake Mead

Pima County LDIG  
March 10, 2021

Mitch Basefsky  
External Relations  
Pima/Pinal



YOUR WATER. YOUR FUTURE.

# Lake Mead & Powell Status



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

3-9-21  
**3570'**  
**37.44% Full**  
(9.11 MAF)

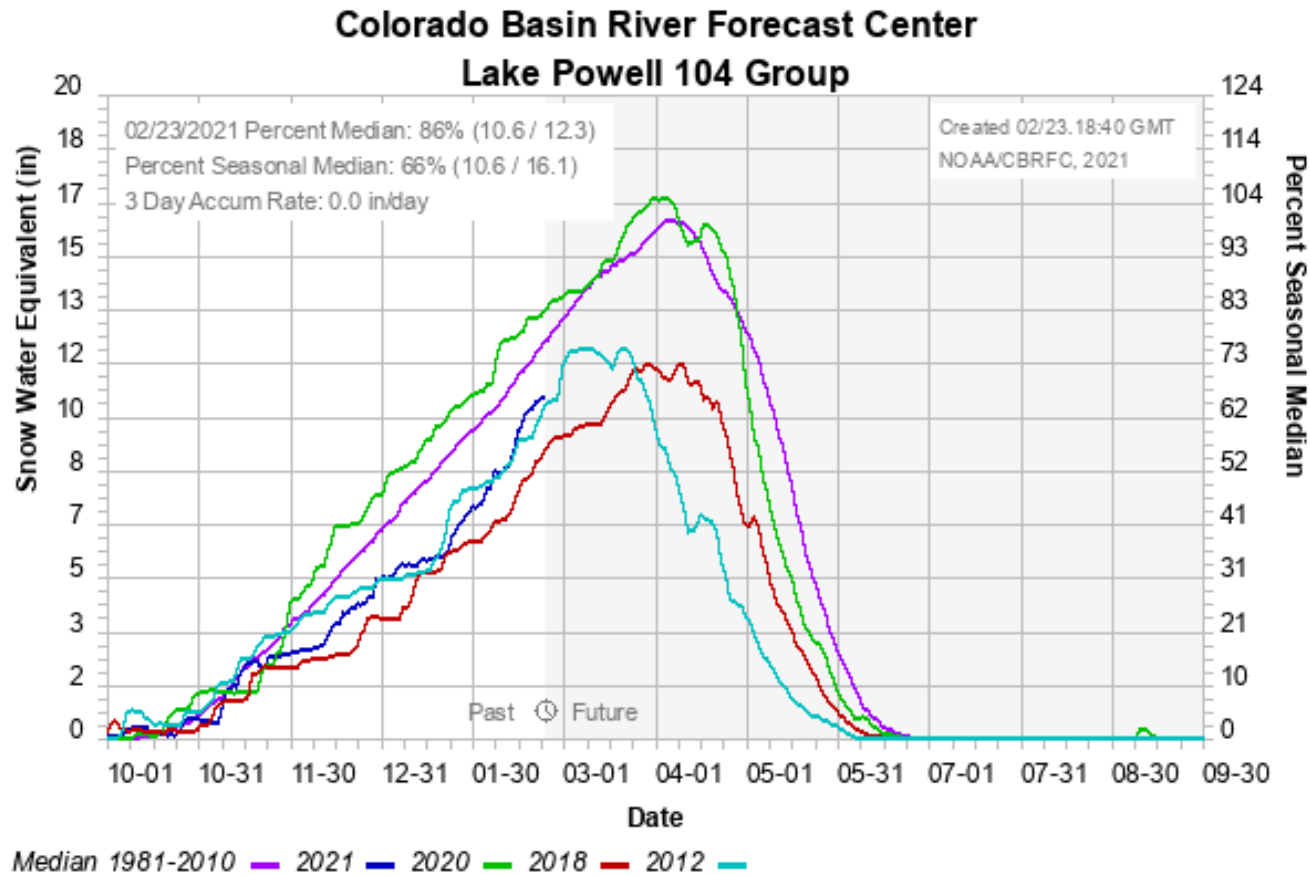
**Lake Powell**  
**Down 32' from**  
**March 2020**

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

3-9-21  
**1086.8'**  
**41% Full**  
(10.6 MAF)

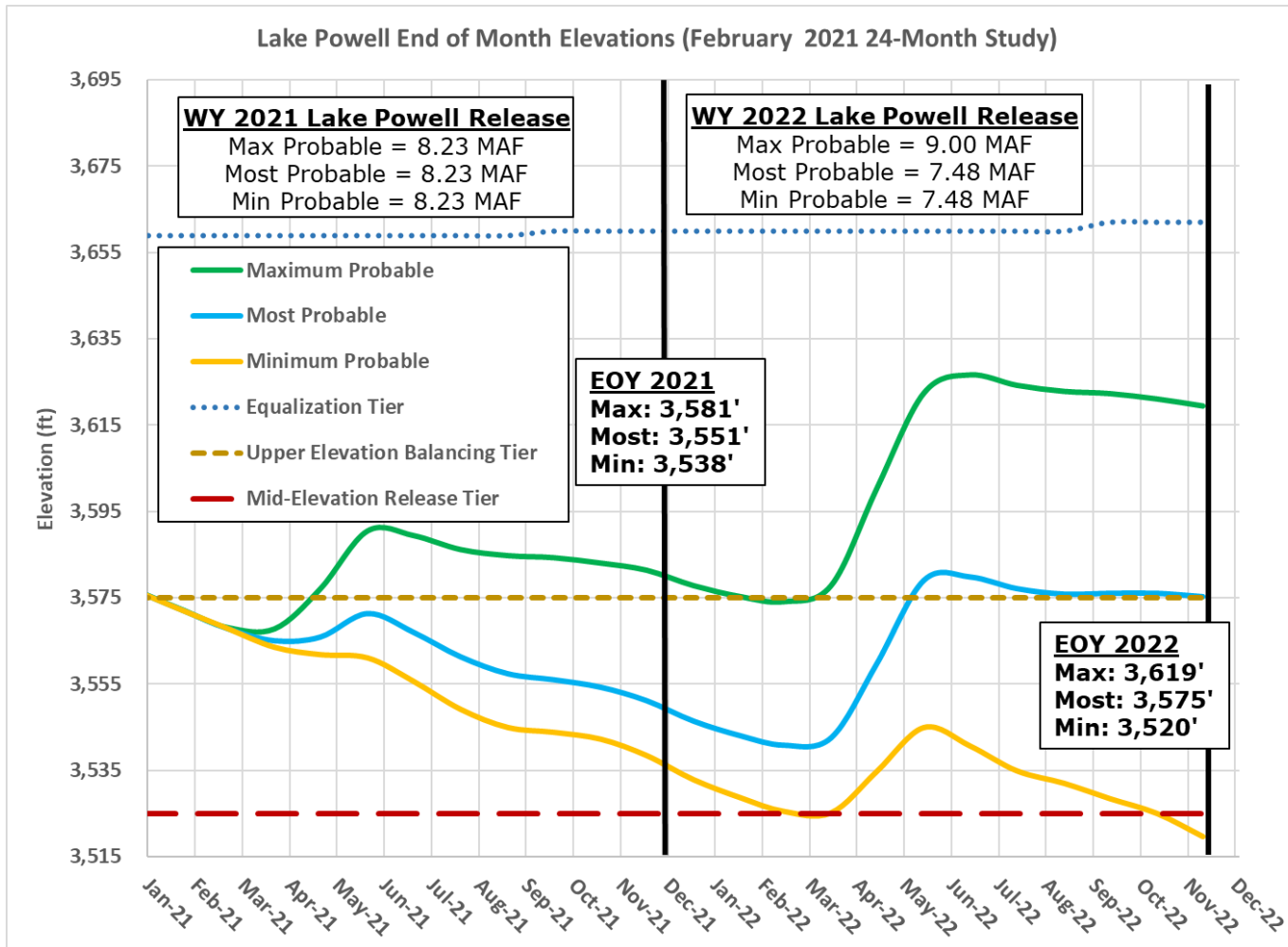
**Lake Mead**  
**Down 9' from**  
**March 2020**

# Snow Equivalent

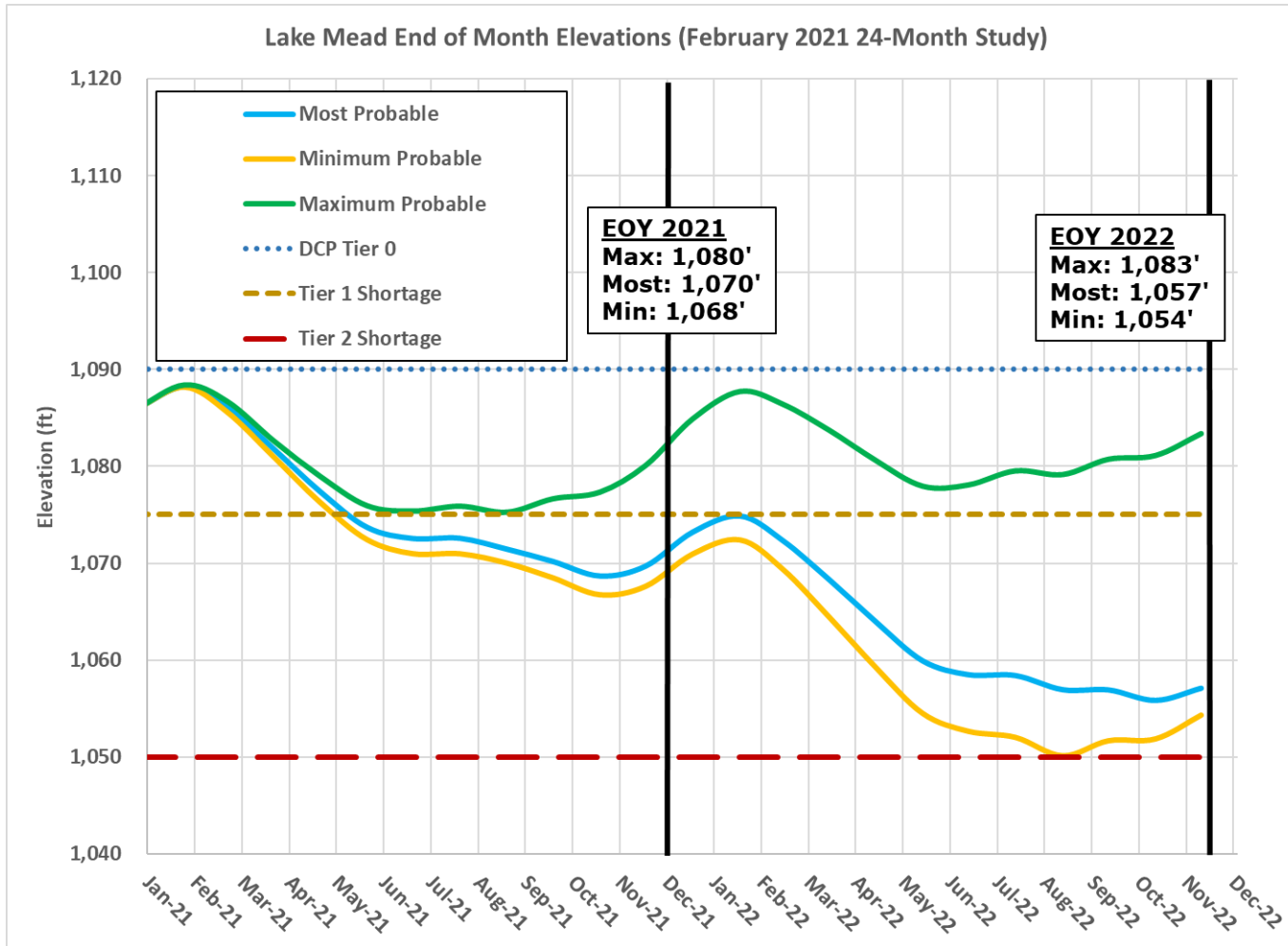


**Snow accumulation through mid-February was at 10.6 in., 86% of the 30-year median**

# Lake Powell Projections



# Lake Mead Projections



**Probability of System Conditions**

**(1906 - 2018) (Stress Test = 1988 - 2018)**

	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>
<b>Lake Powell Release &gt; 8.23 MAF</b>	<b>14 (14)</b>	<b>5 (3)</b>	<b>46 (34)</b>	<b>58 (44)</b>	<b>63 (46)</b>
Equalization > 8.23 MAF	0 (0)	1 (0)	8 (0)	13 (5)	18 (9)
Upper Elevation > 8.23 MAF	14 (14)	4 (3)	38 (34)	45 (39)	45 (37)
<b>Lake Powell Release = 8.23 MAF</b>	<b>86 (86)</b>	<b>13 (14)</b>	<b>4 (3)</b>	<b>7 (2)</b>	<b>8 (9)</b>
Equalization = 8.23 MAF	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Upper Elevation = 8.23 MAF	86 (86)	13 (14)	4 (3)	6 (2)	6 (4)
Mid-Elevation = 8.23 MAF	0 (0)	0 (0)	0 (0)	1 (0)	2 (5)
<b>Lake Powell Release &lt; 8.23 MAF</b>	<b>0 (0)</b>	<b>77 (77)</b>	<b>45 (60)</b>	<b>29 (46)</b>	<b>21 (26)</b>
Upper Elevation < 8.23 MAF	0 (0)	0 (0)	0 (0)	1 (0)	1 (0)
Mid-Elevation = 7.48 MAF	0 (0)	77 (77)	45 (60)	28 (46)	20 (26)
<b>Lake Powell Lower Elev. Balancing &lt; 3525'</b>	<b>0</b>	<b>5 (6)</b>	<b>6 (3)</b>	<b>6 (8)</b>	<b>8 (19)</b>
Lake Powell < Min Power Pool < 3490'	0	0 (0)	1 (0)	3 (6)	4 (9)
<b>Lake Mead Elevation Reduction Tiers</b>	<b>100 (100)</b>	<b>94 (94)</b>	<b>98 (98)</b>	<b>91 (99)</b>	<b>85 (94)</b>
DCP Tier 0 (1090'-1075')	100 (100)	34 (34)	16 (16)	16 (13)	12 (6)
Tier 1 Shortage (1075'-1050')	0 (0)	60 (60)	75 (70)	41 (36)	36 (33)
Tier 2 Shortage (1050'-1025')	0 (0)	0 (0)	7 (12)	34 (50)	29 (35)
Tier 3 Shortage (< 1025')	0 (0)	0 (0)	0 (0)	0 (0)	8 (20)

Source: U.S. Bureau of Reclamation

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## QUESTIONS?

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