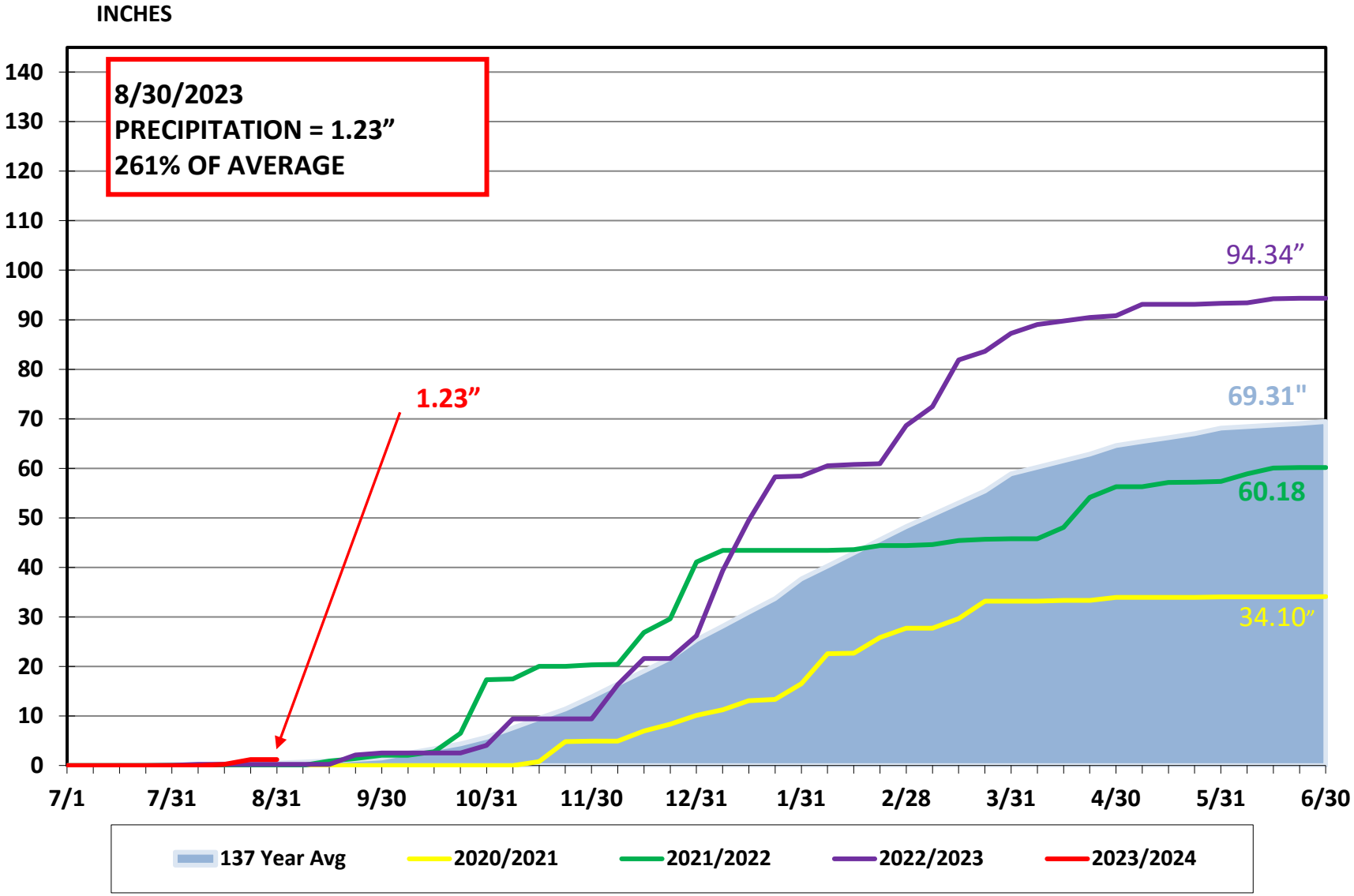
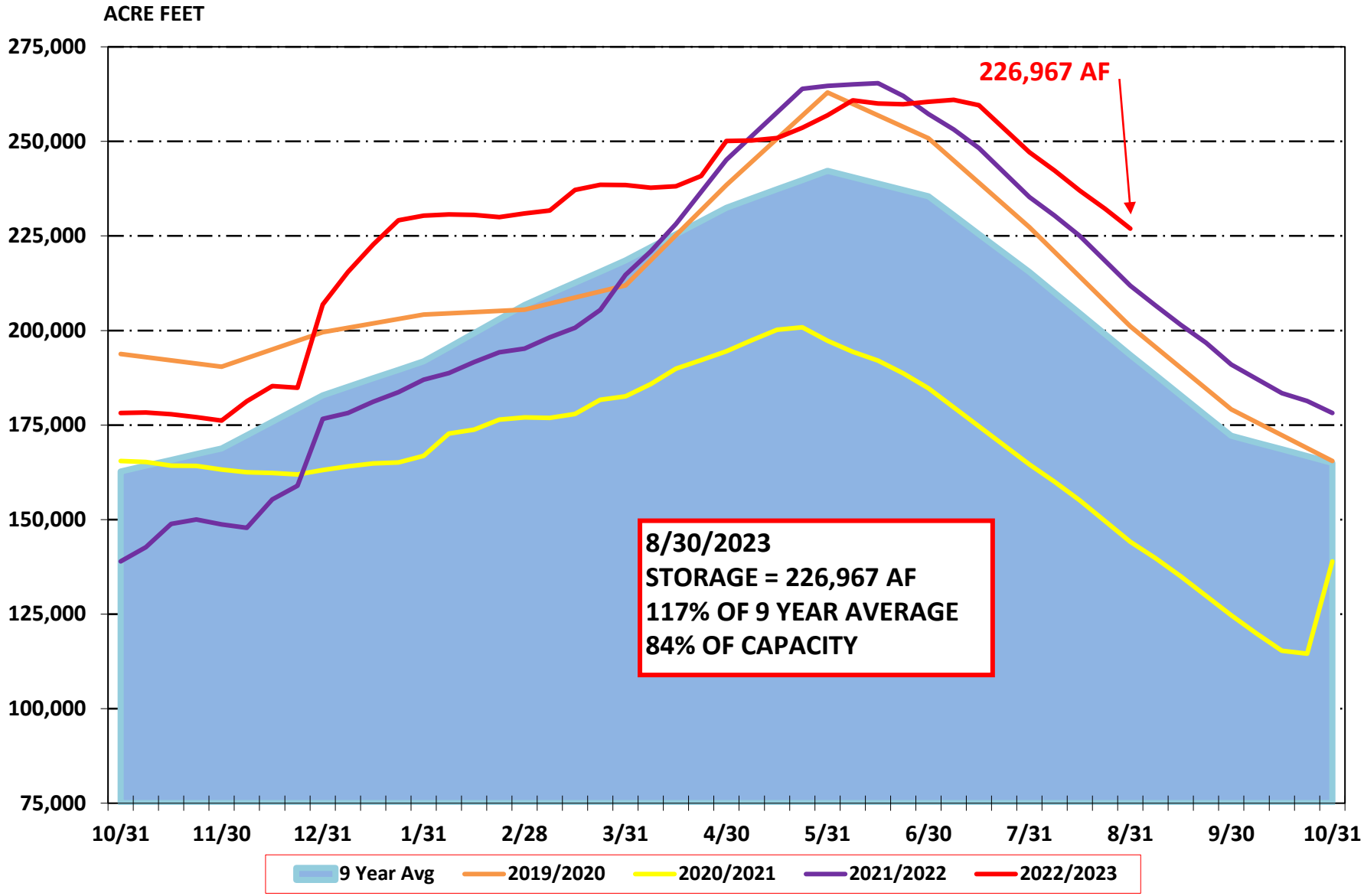
Nevada Irrigation District
Water Supply Update
August 30, 2023

Proudly serving portions of Nevada, Placer, and Yuba Counties

BOWMAN LAKE PRECIPITATION



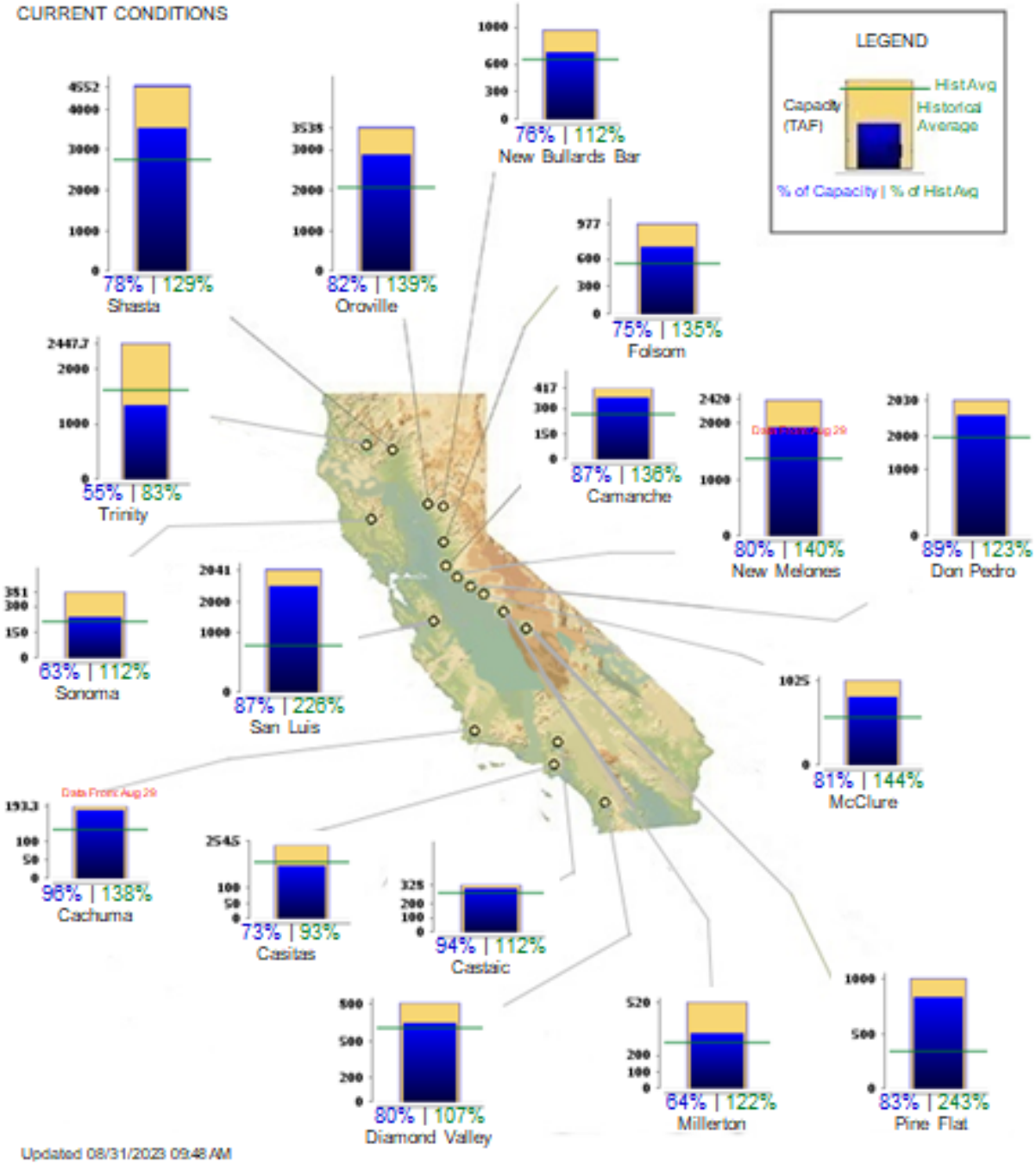
NID RESERVOIR STORAGE



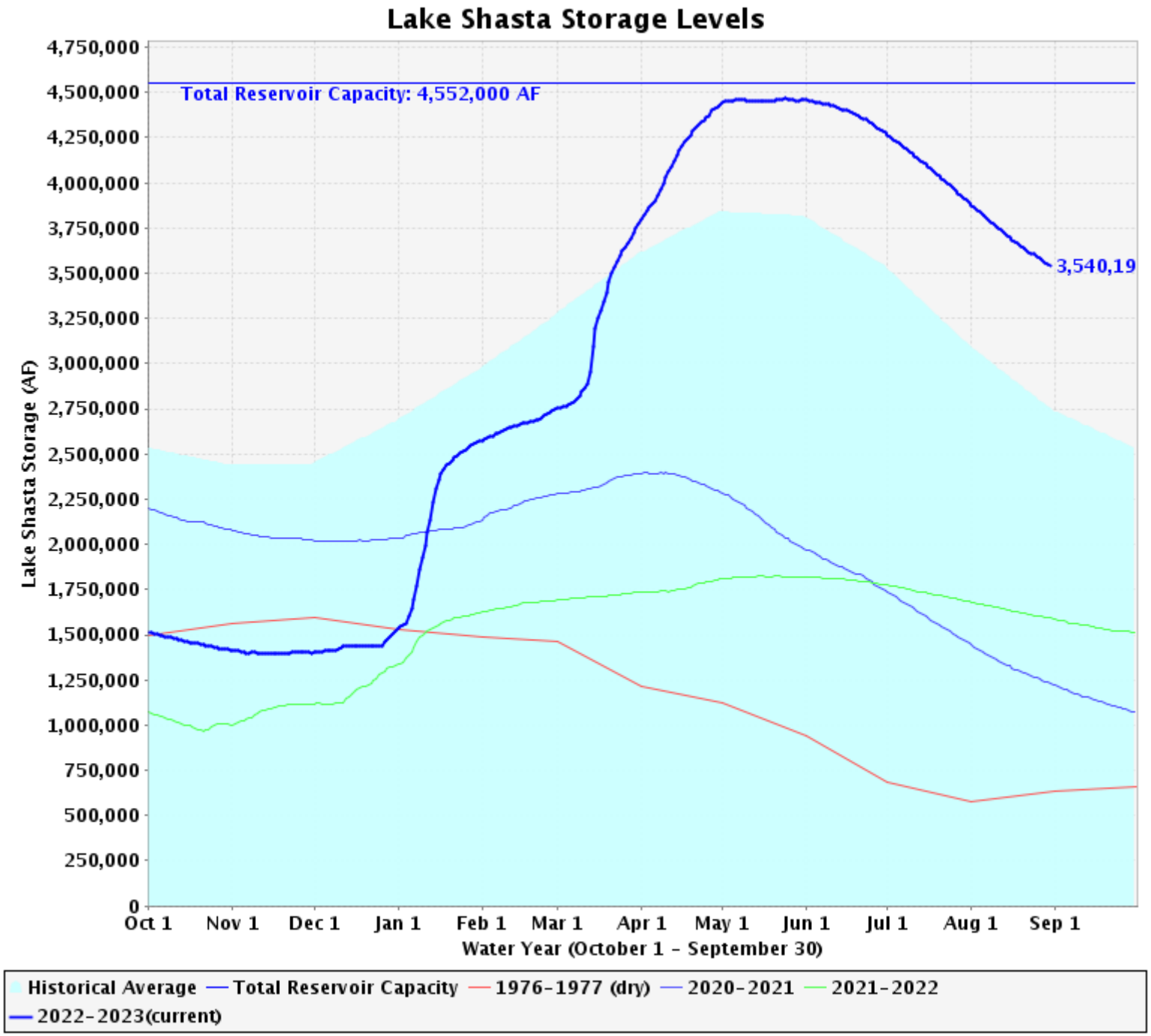
CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS

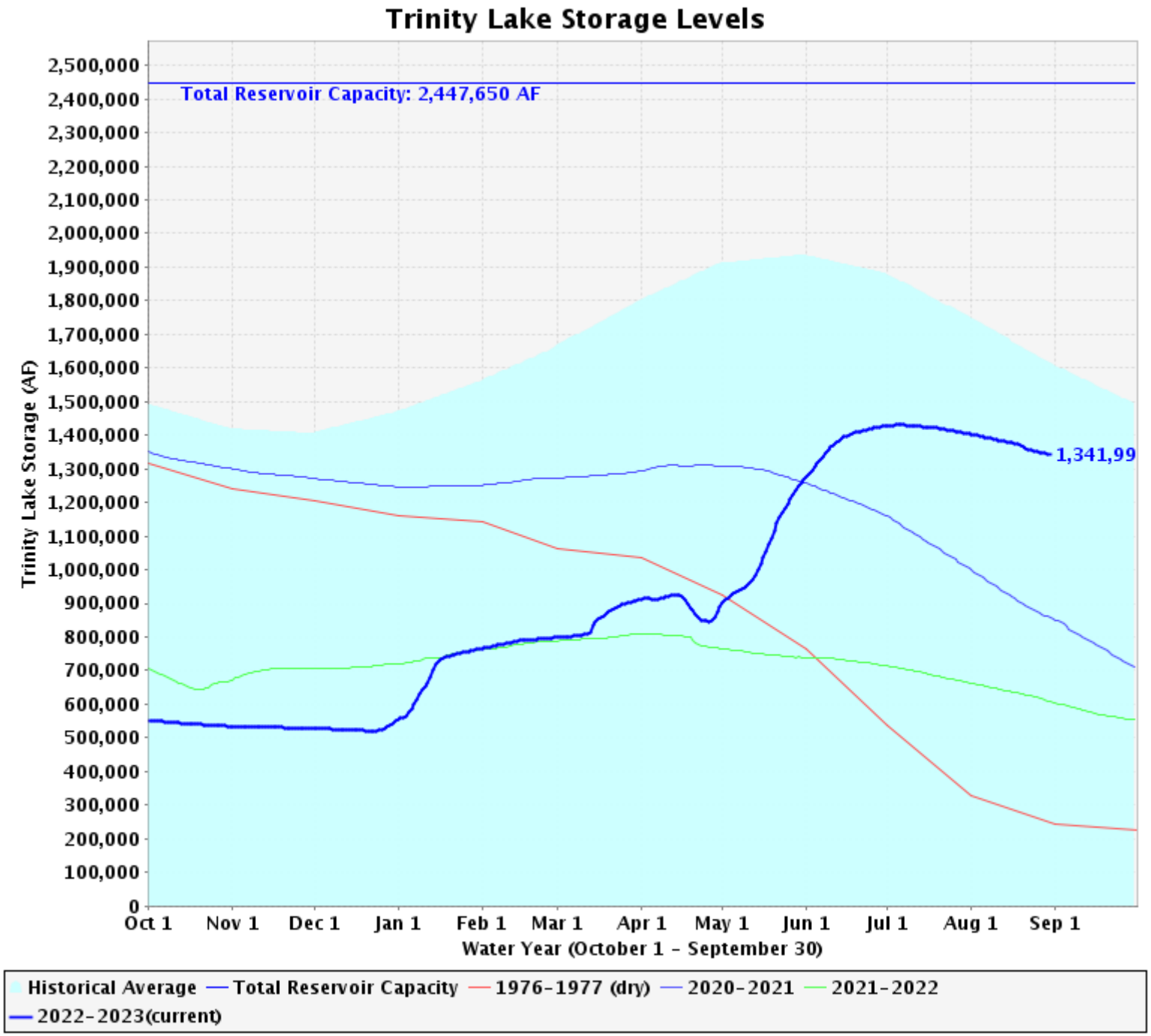
Midnight - August 30,2023

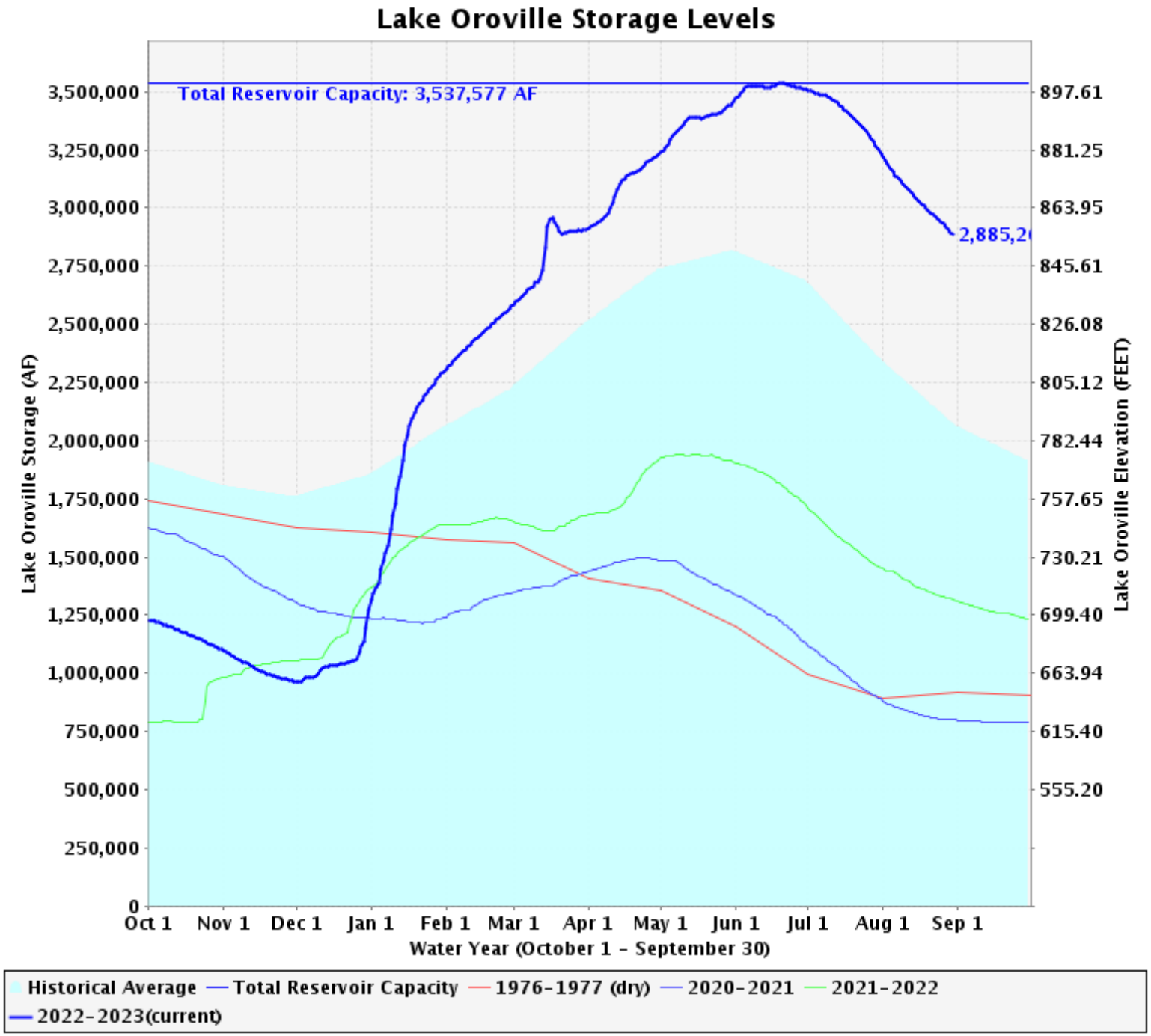
CURRENT CONDITIONS

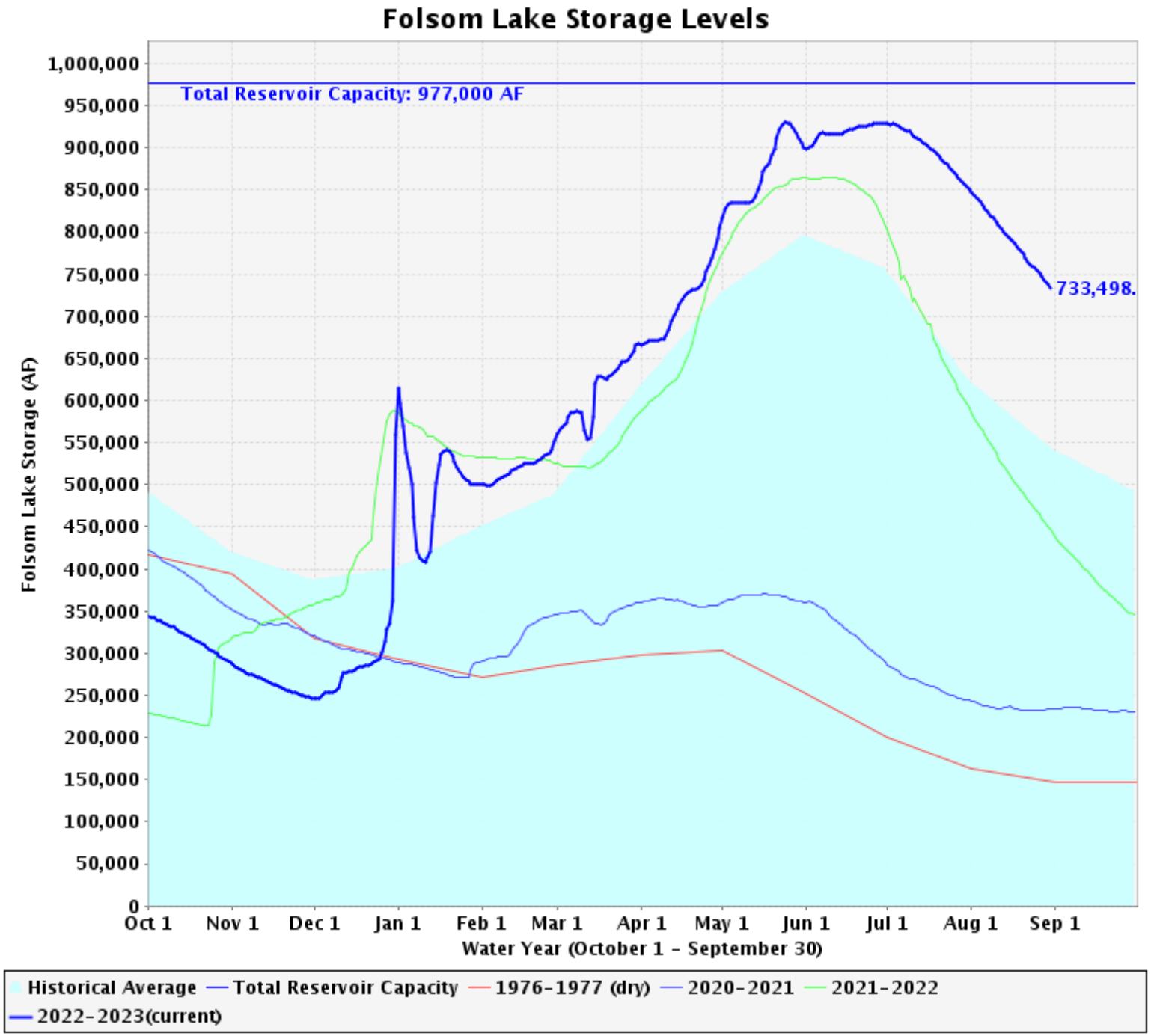


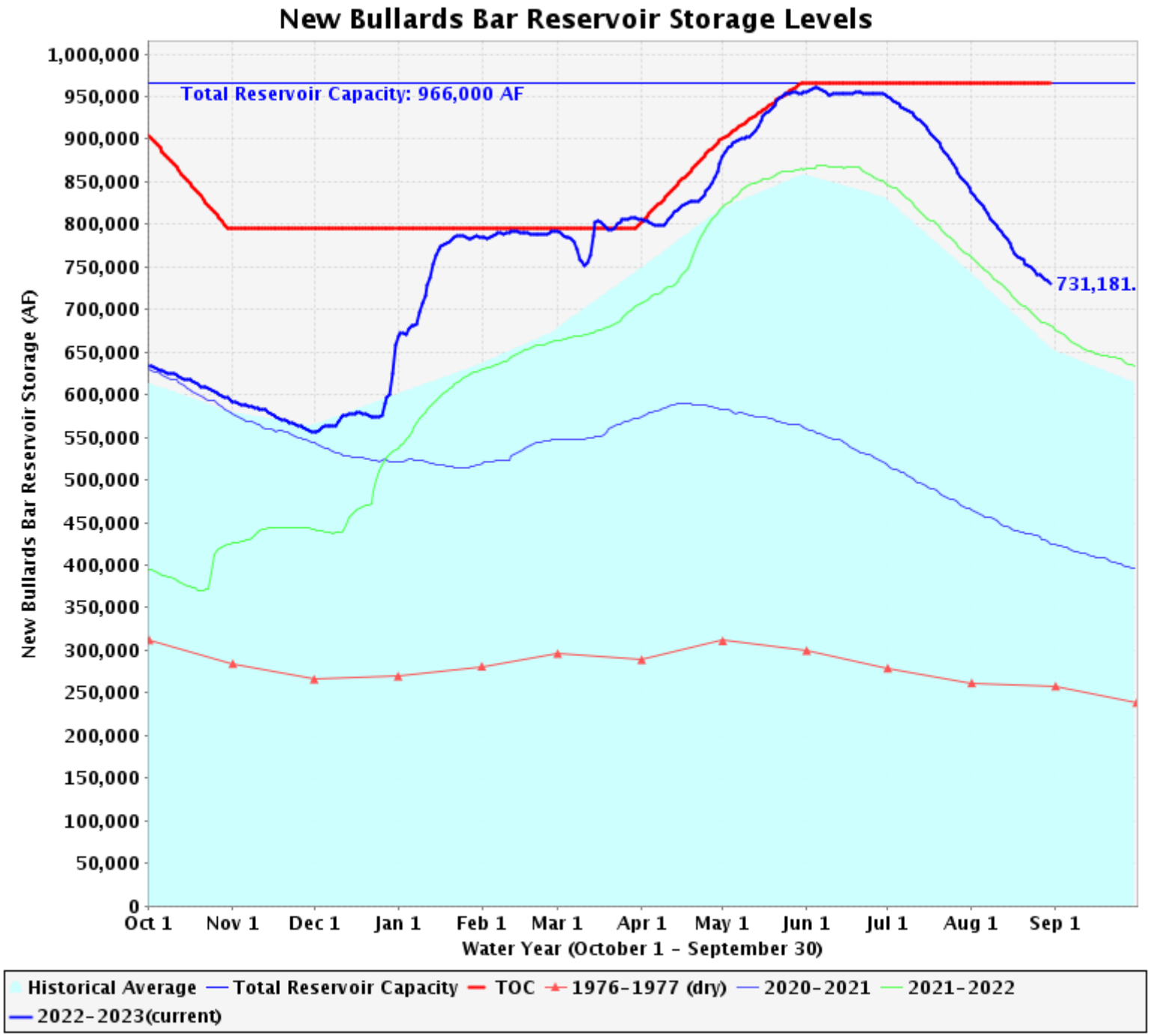
Updated 08/31/2023 09:48 AM


Lake Shasta Storage Levels
Total Reservoir Capacity: 4,552,000 AF
3,540,19
Lake Shasta Storage (AF)
4,750,000
4,500,000
4,250,000
4,000,000
3,750,000
3,500,000
3,250,000
3,000,000
2,750,000
2,500,000
2,250,000
2,000,000
1,750,000
1,500,000
1,250,000
1,000,000
750,000
500,000
250,000
0
Oct 1
Nov 1
Dec 1
Jan 1
Feb 1
Mar 1
Apr 1
May 1
Jun 1
Jul 1
Aug 1
Sep 1
Water Year (October 1 - September 30)
Historical Average
Total Reservoir Capacity
1976-1977 (dry)
2020-2021
2021-2022
2022-2023(current)


Trinity Lake Storage Levels
Total Reservoir Capacity: 2,447,650 AF
1,341,99
Trinity Lake Storage (AF)
2,500,000
2,400,000
2,300,000
2,200,000
2,100,000
2,000,000
1,900,000
1,800,000
1,700,000
1,600,000
1,500,000
1,400,000
1,300,000
1,200,000
1,100,000
1,000,000
900,000
800,000
700,000
600,000
500,000
400,000
300,000
200,000
100,000
0
Oct 1
Nov 1
Dec 1
Jan 1
Feb 1
Mar 1
Apr 1
May 1
Jun 1
Jul 1
Aug 1
Sep 1
Water Year (October 1 - September 30)
Historical Average
Total Reservoir Capacity
1976-1977 (dry)
2020-2021
2021-2022
2022-2023(current)


Lake Oroville Storage Levels
Total Reservoir Capacity: 3,537,577 AF
2,885,2
Lake Oroville Storage (AF)
3,500,000
3,250,000
3,000,000
2,750,000
2,500,000
2,250,000
2,000,000
1,750,000
1,500,000
1,250,000
1,000,000
750,000
500,000
250,000
0
Lake Oroville Elevation (FEET)
897.61
881.25
863.95
845.61
826.08
805.12
782.44
757.65
730.21
699.40
663.94
615.40
555.20
Oct 1
Nov 1
Dec 1
Jan 1
Feb 1
Mar 1
Apr 1
May 1
Jun 1
Jul 1
Aug 1
Sep 1
Water Year (October 1 - September 30)
Historical Average
Total Reservoir Capacity
1976-1977 (dry)
2020-2021
2021-2022
2022-2023(current)


Folsom Lake Storage Levels
Total Reservoir Capacity: 977,000 AF
733,498.
Folsom Lake Storage (AF)
1,000,000
950,000
900,000
850,000
800,000
750,000
700,000
650,000
600,000
550,000
500,000
450,000
400,000
350,000
300,000
250,000
200,000
150,000
100,000
50,000
0
Oct 1
Nov 1
Dec 1
Jan 1
Feb 1
Mar 1
Apr 1
May 1
Jun 1
Jul 1
Aug 1
Sep 1
Water Year (October 1 - September 30)
Historical Average
Total Reservoir Capacity
1976-1977 (dry)
2020-2021
2021-2022
2022-2023(current)


New Bullards Bar Reservoir Storage Levels
Total Reservoir Capacity: 966,000 AF
731,181.
New Bullards Bar Reservoir Storage (AF)
1,000,000
950,000
900,000
850,000
800,000
750,000
700,000
650,000
600,000
550,000
500,000
450,000
400,000
350,000
300,000
250,000
200,000
150,000
100,000
50,000
0
Oct 1
Nov 1
Dec 1
Jan 1
Feb 1
Mar 1
Apr 1
May 1
Jun 1
Jul 1
Aug 1
Sep 1
Water Year (October 1 - September 30)
Historical Average
Total Reservoir Capacity
TOC
1976-1977 (dry)
2020-2021
2021-2022
2022-2023(current)

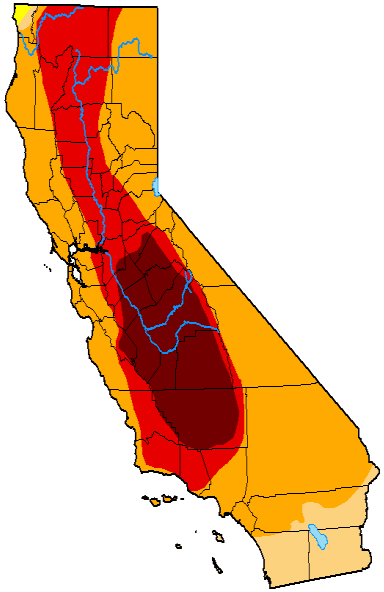
U.S. Drought Monitor

California

October 18, 2022

(Released Thursday, Oct. 20, 2022)

Valid 8 a.m. EDT



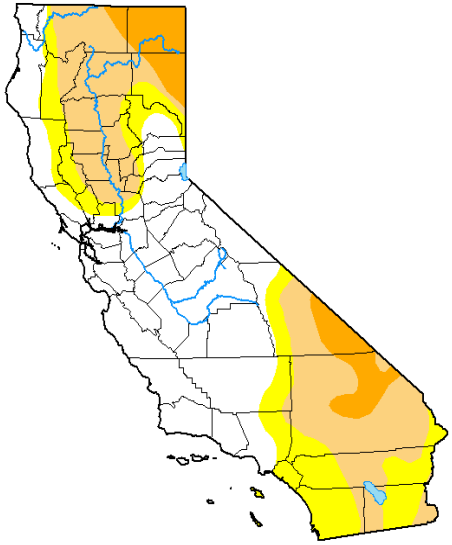
U.S. Drought Monitor

California

March 14, 2023

(Released Thursday, Mar. 16, 2023)

Valid 8 a.m. EDT



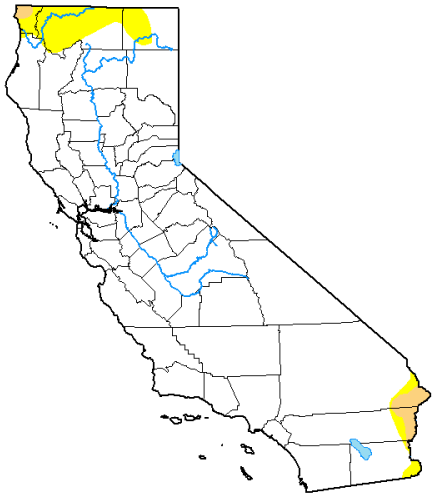
U.S. Drought Monitor

California

August 29, 2023

(Released Thursday, Aug. 31, 2023)

Valid 8 a.m. EDT



Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to https://droughtmonitor.unl.edu/About.aspx

Author:

David Simeral

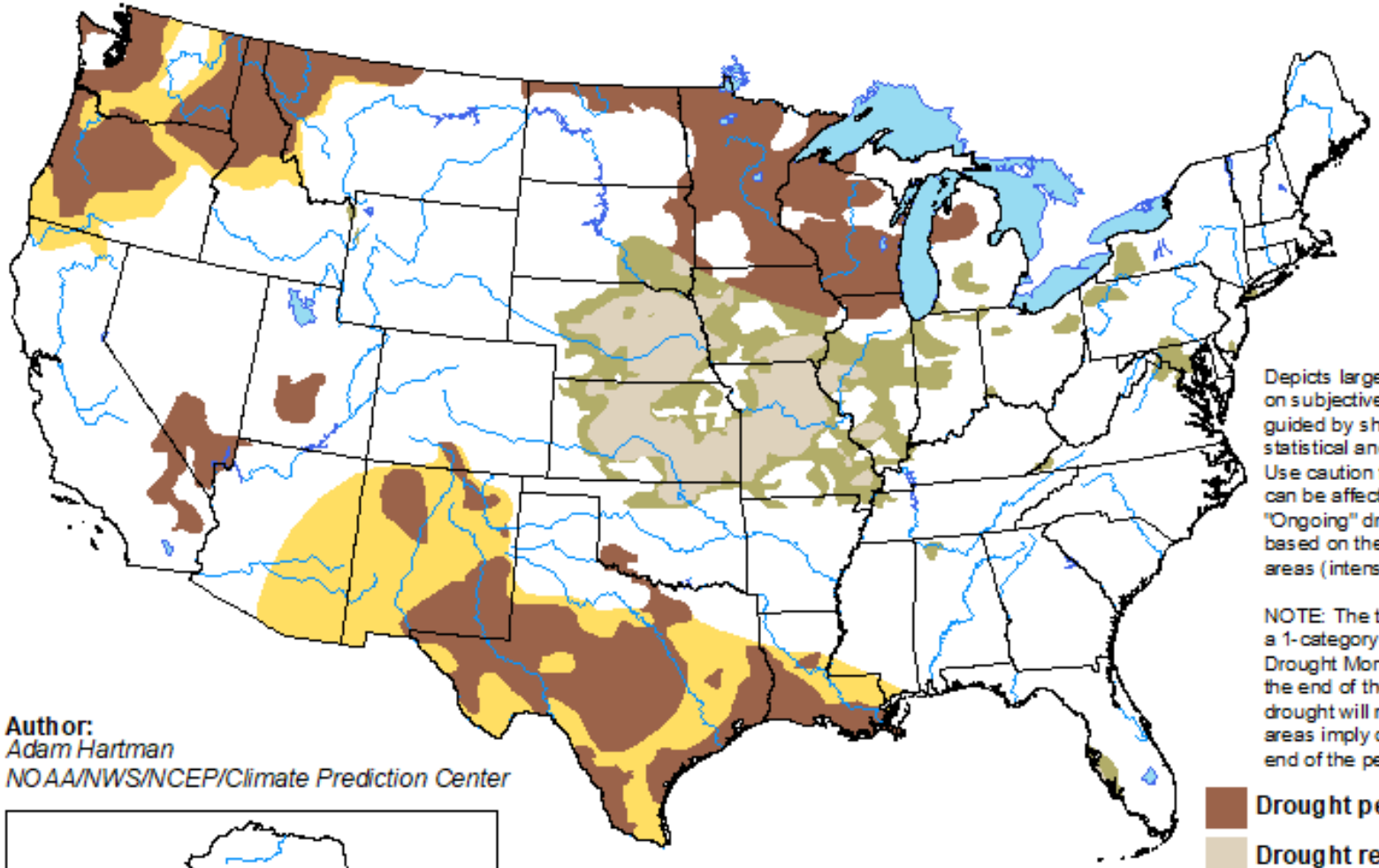
Western Regional Climate Center

droughtmonitor.unl.edu

U.S. Monthly Drought Outlook

Drought Tendency During the Valid Period

Valid for August 2023
Released July 31, 2023

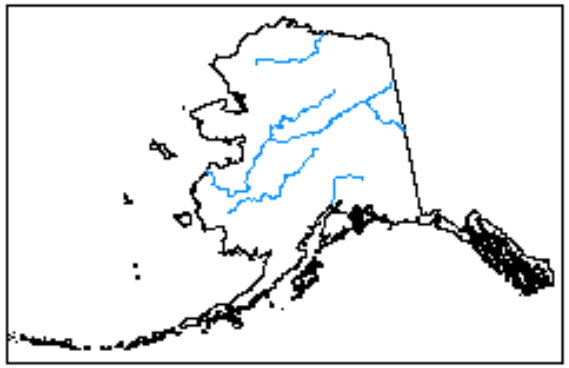


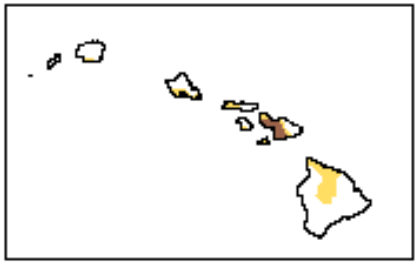
Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).

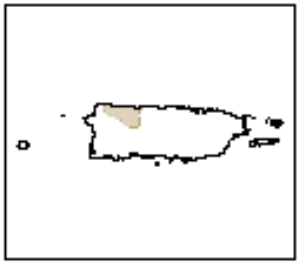
NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).

- Drought persists
- Drought remains but improves
- Drought removal likely
- Drought development likely

Author:
Adam Hartman
NOAA/NWS/NCEP/Climate Prediction Center



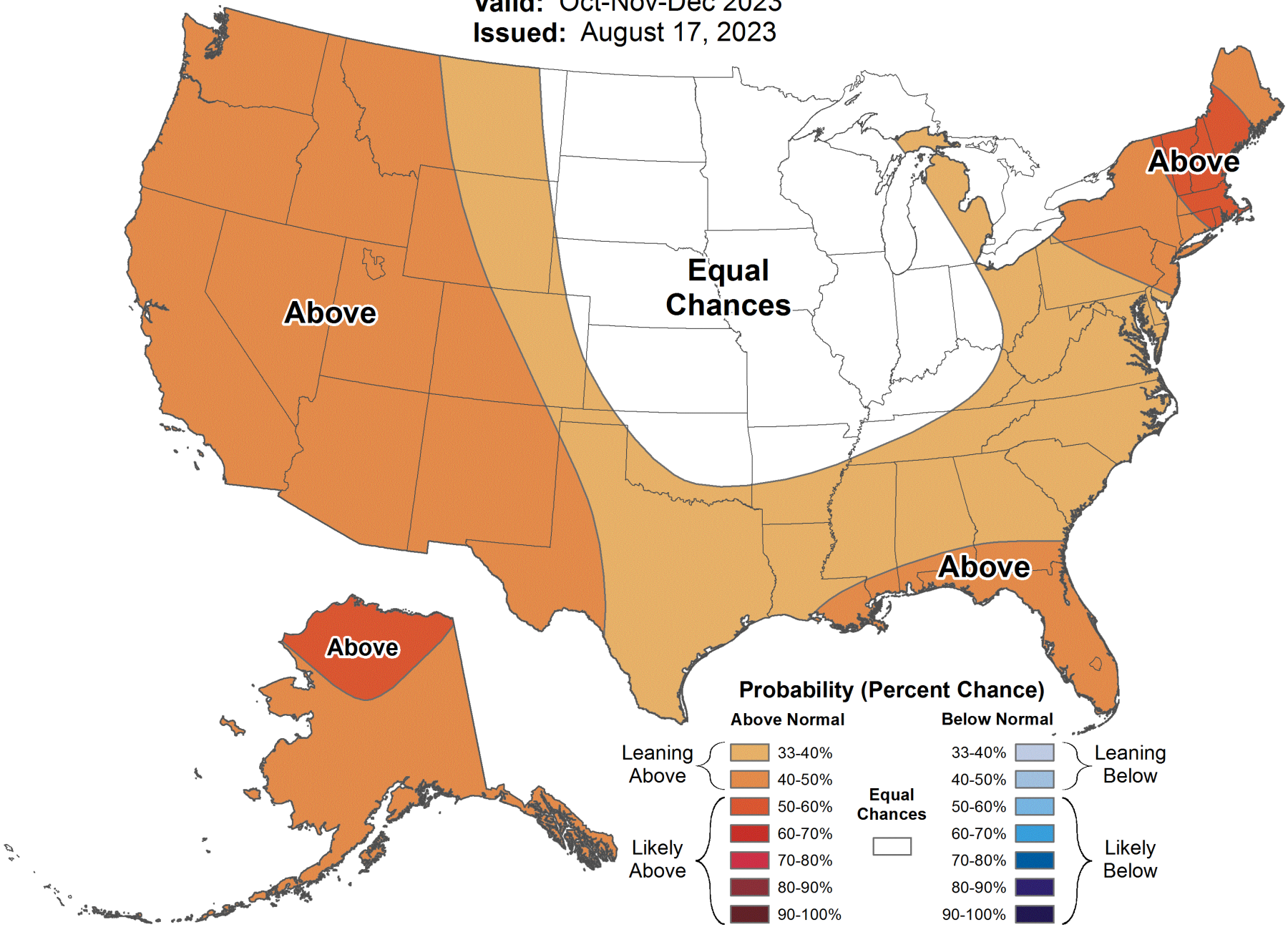




http://go.usa.gov/3eZGd

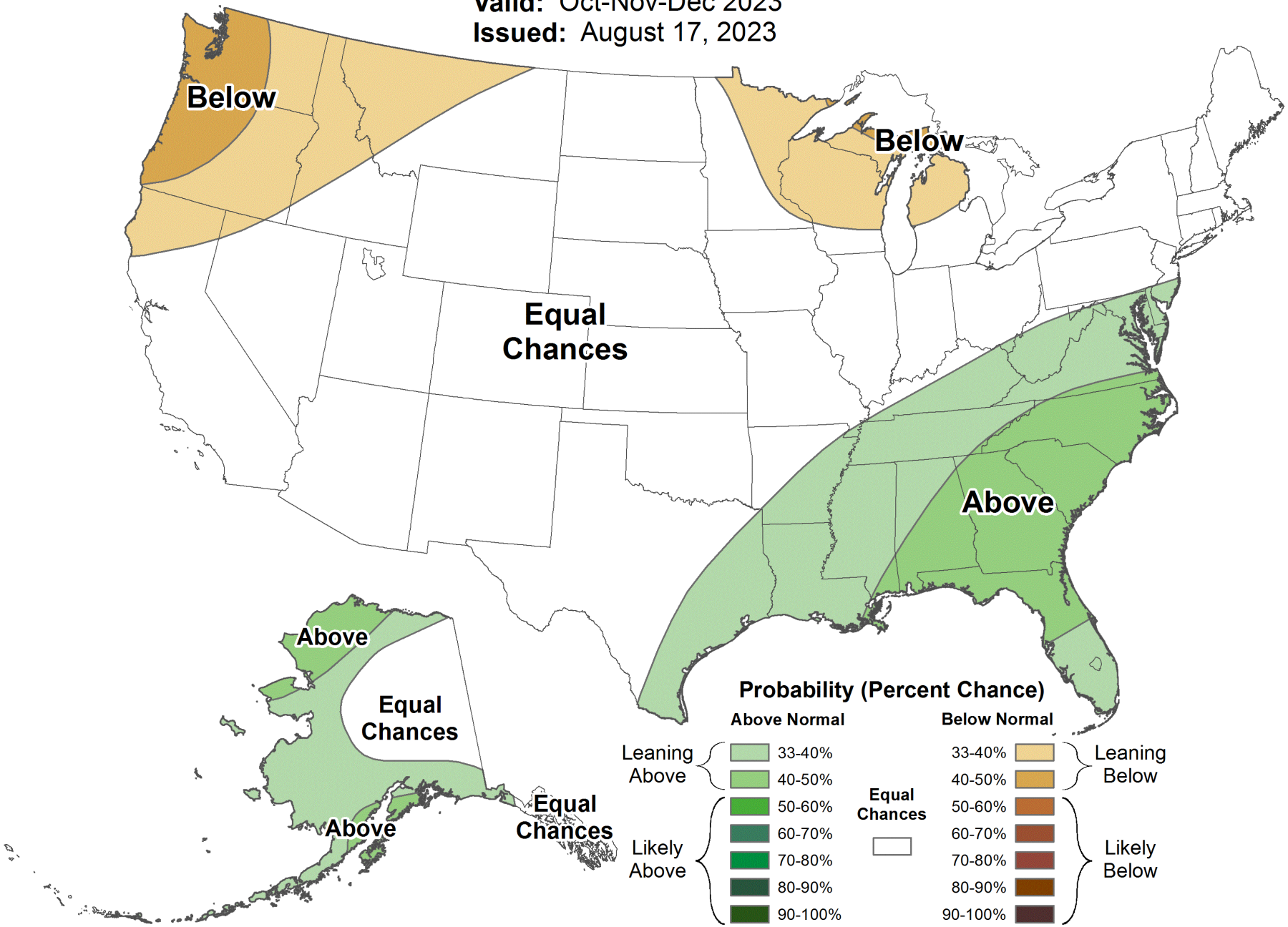
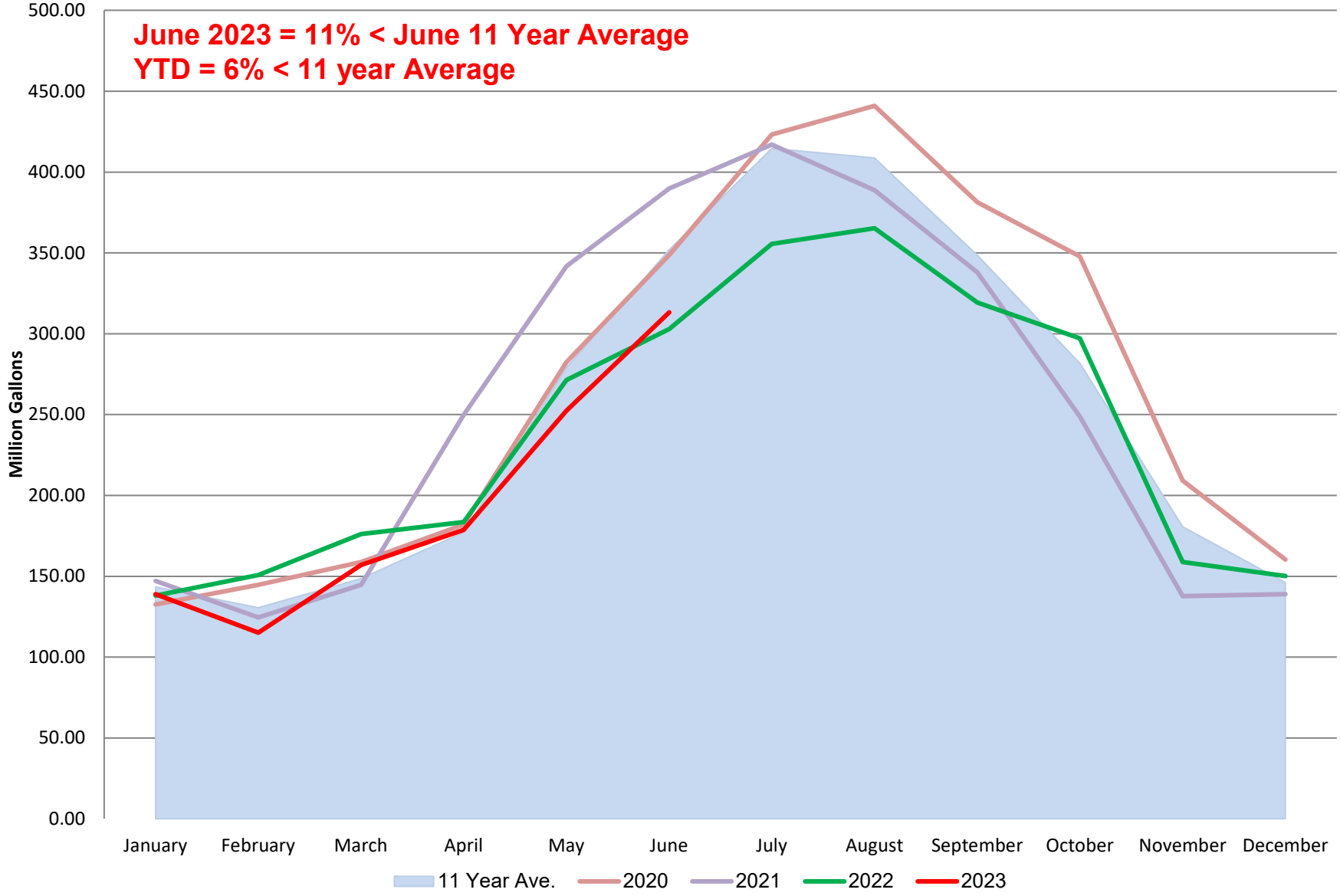
Seasonal Temperature Outlook

Valid: Oct-Nov-Dec 2023
Issued: August 17, 2023



Seasonal Precipitation Outlook

Valid: Oct-Nov-Dec 2023
Issued: August 17, 2023



NID Treated Water Use Comparison