

2022 SNOWPACK

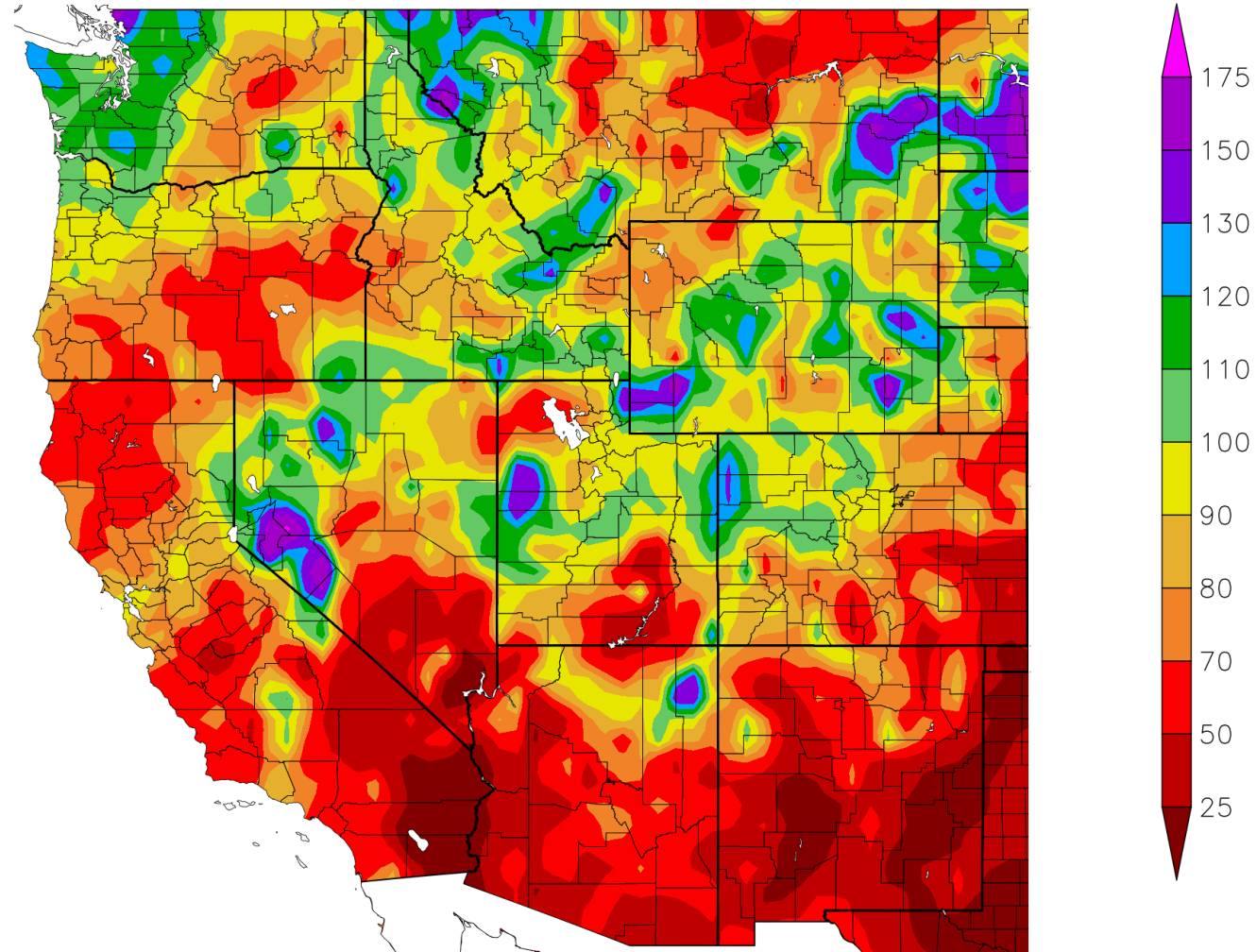
The Dire Story

Snowpack Tells Us

Robert Thompson P.G. | Salt Lake County Flood Control Engineering

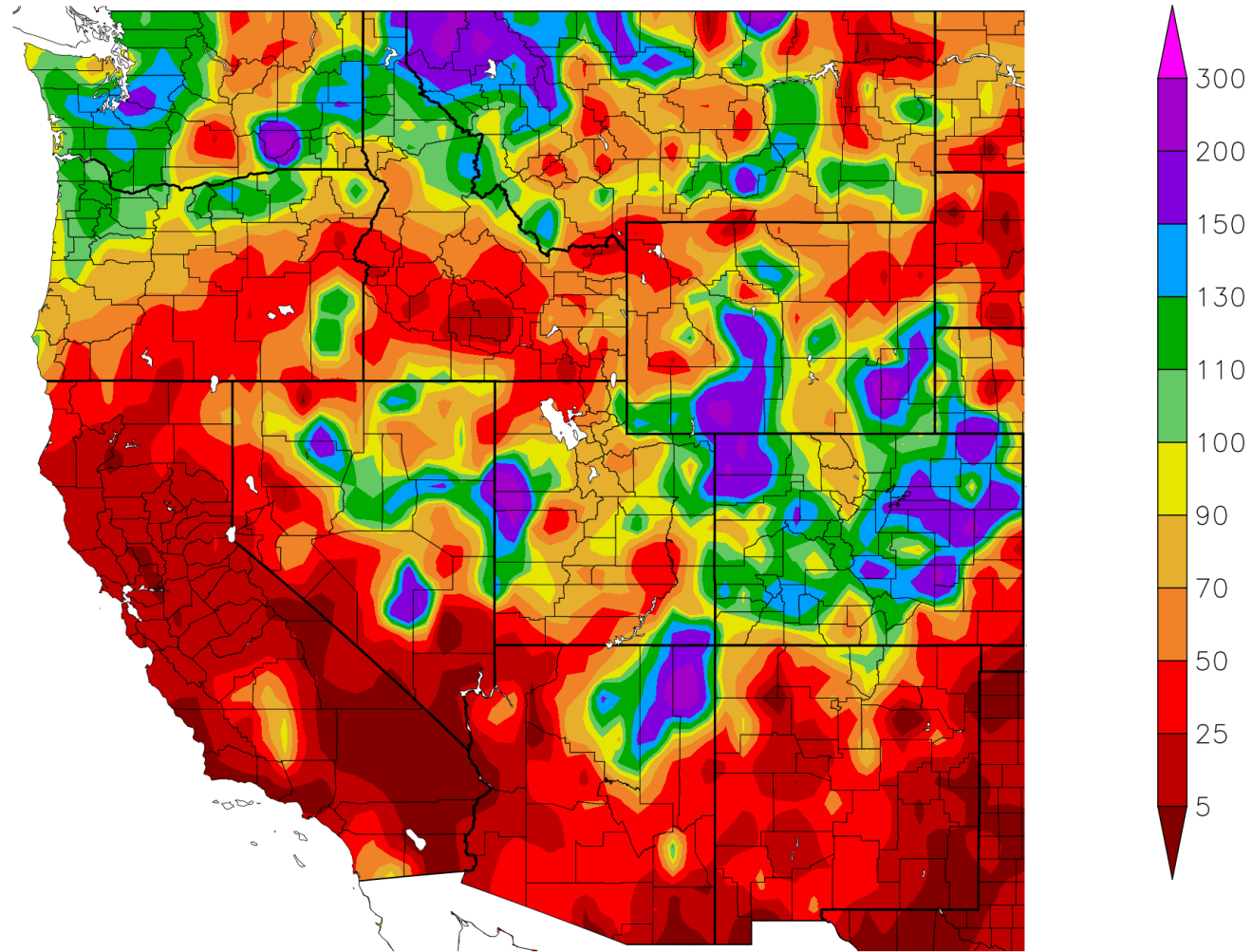
Percent of Normal Precipitation (%)

10/1/2021 – 3/20/2022



Percent of Normal Precipitation (%)

2/19/2022 – 3/20/2022

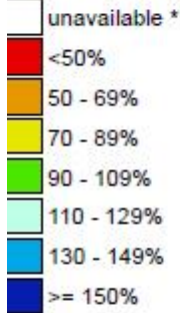


Generated 3/21/2022 at HPRCC using provisional data.

NOAA Regional Climate Centers

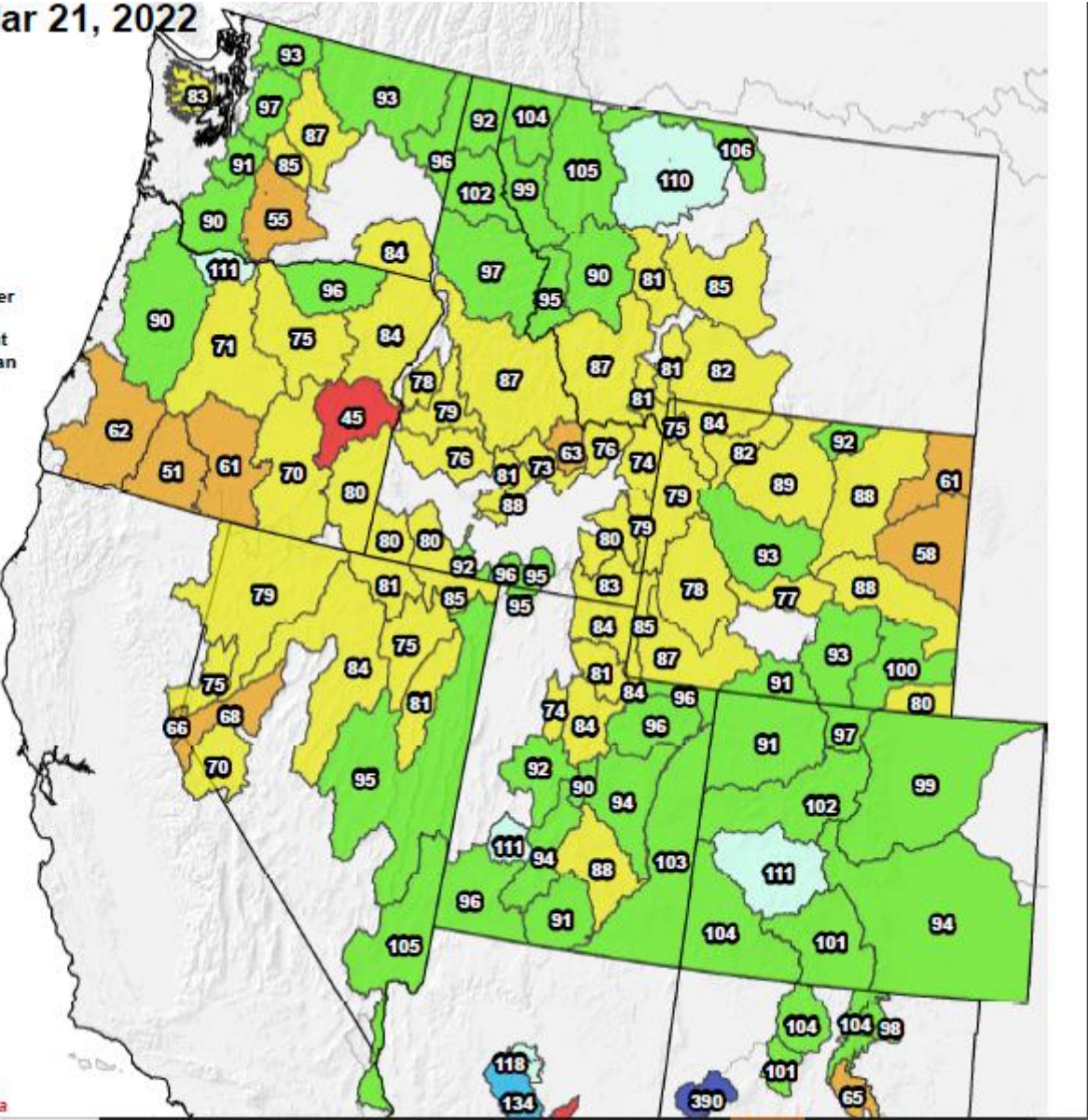
Mar 21, 2022

Current Snow Water Equivalent (SWE) Basin-wide Percent of 1991-2020 Median



* Data unavailable at time of posting or measurement is not representative at this time of year

Provisional data

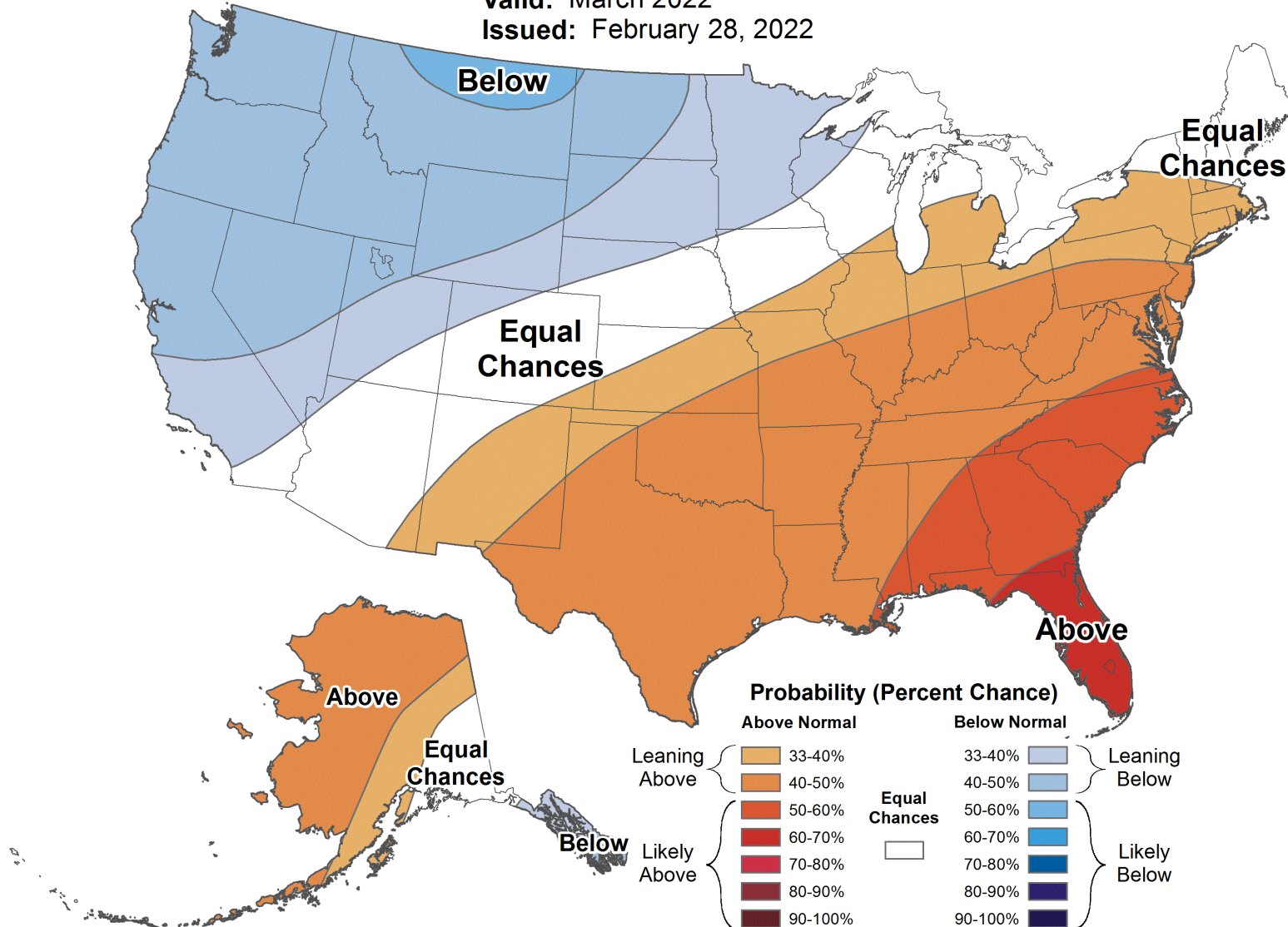




Monthly Temperature Outlook



Valid: March 2022
Issued: February 28, 2022

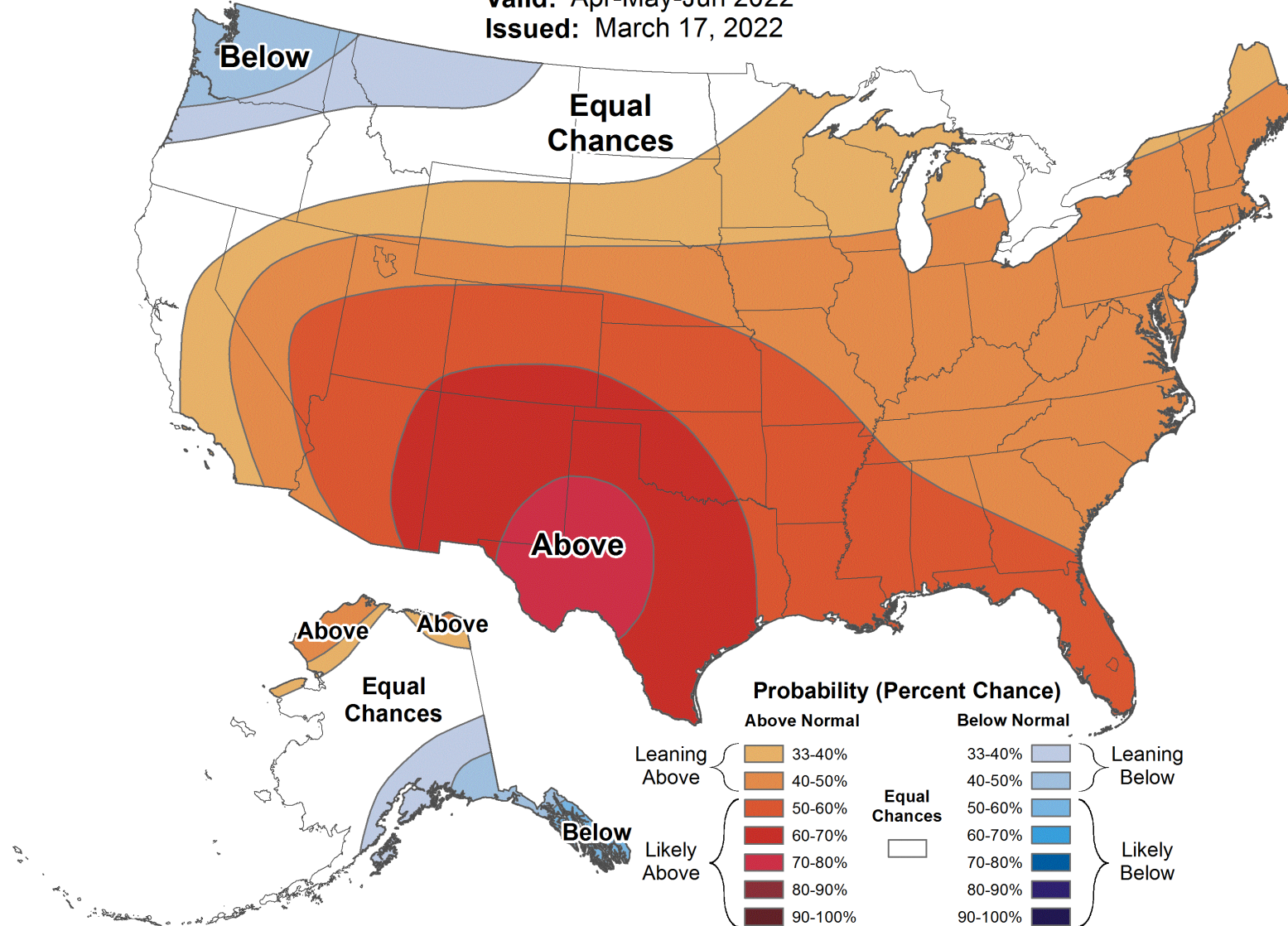




Seasonal Temperature Outlook



Valid: Apr-May-Jun 2022
Issued: March 17, 2022

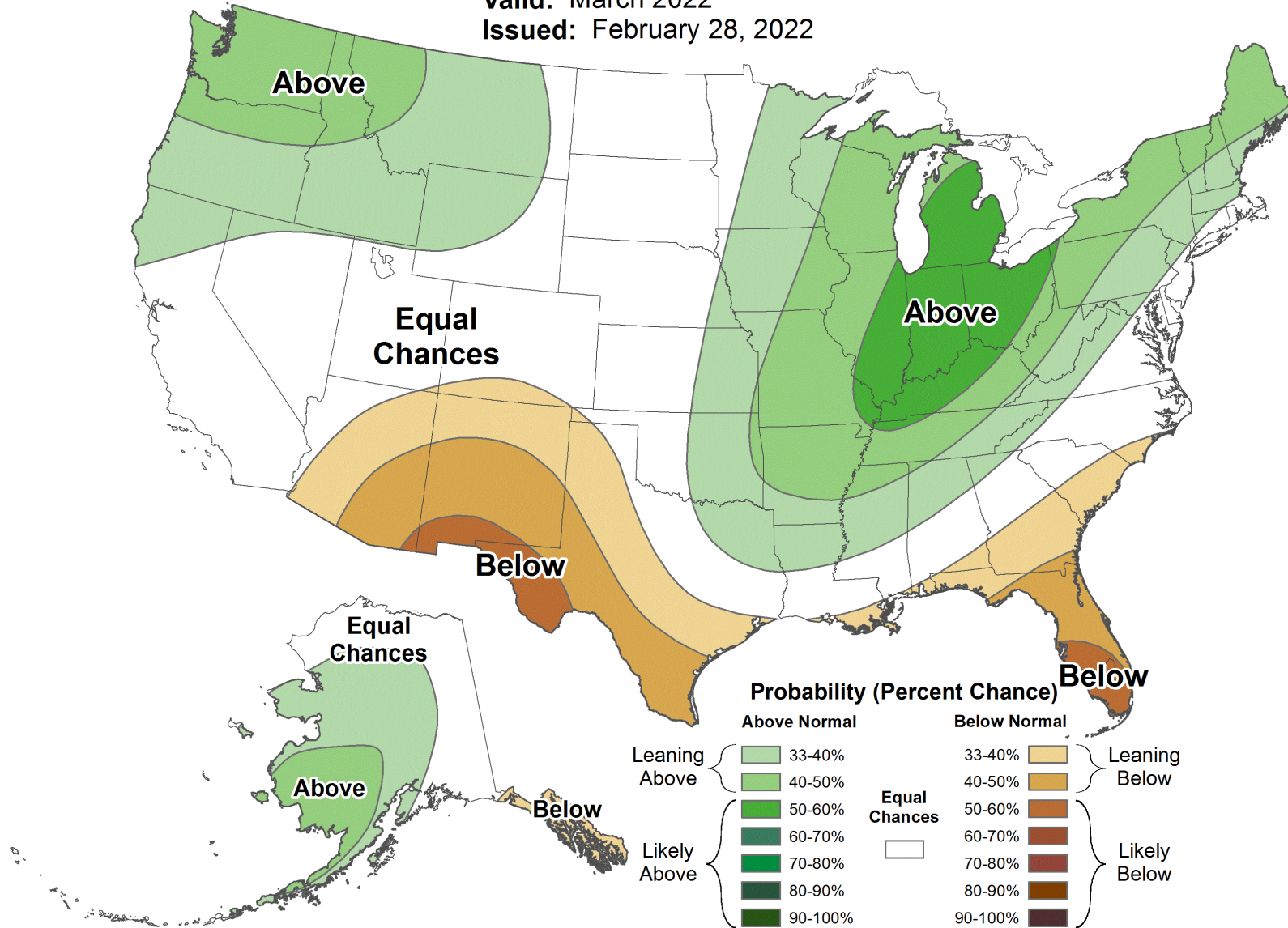




Monthly Precipitation Outlook



Valid: March 2022
Issued: February 28, 2022



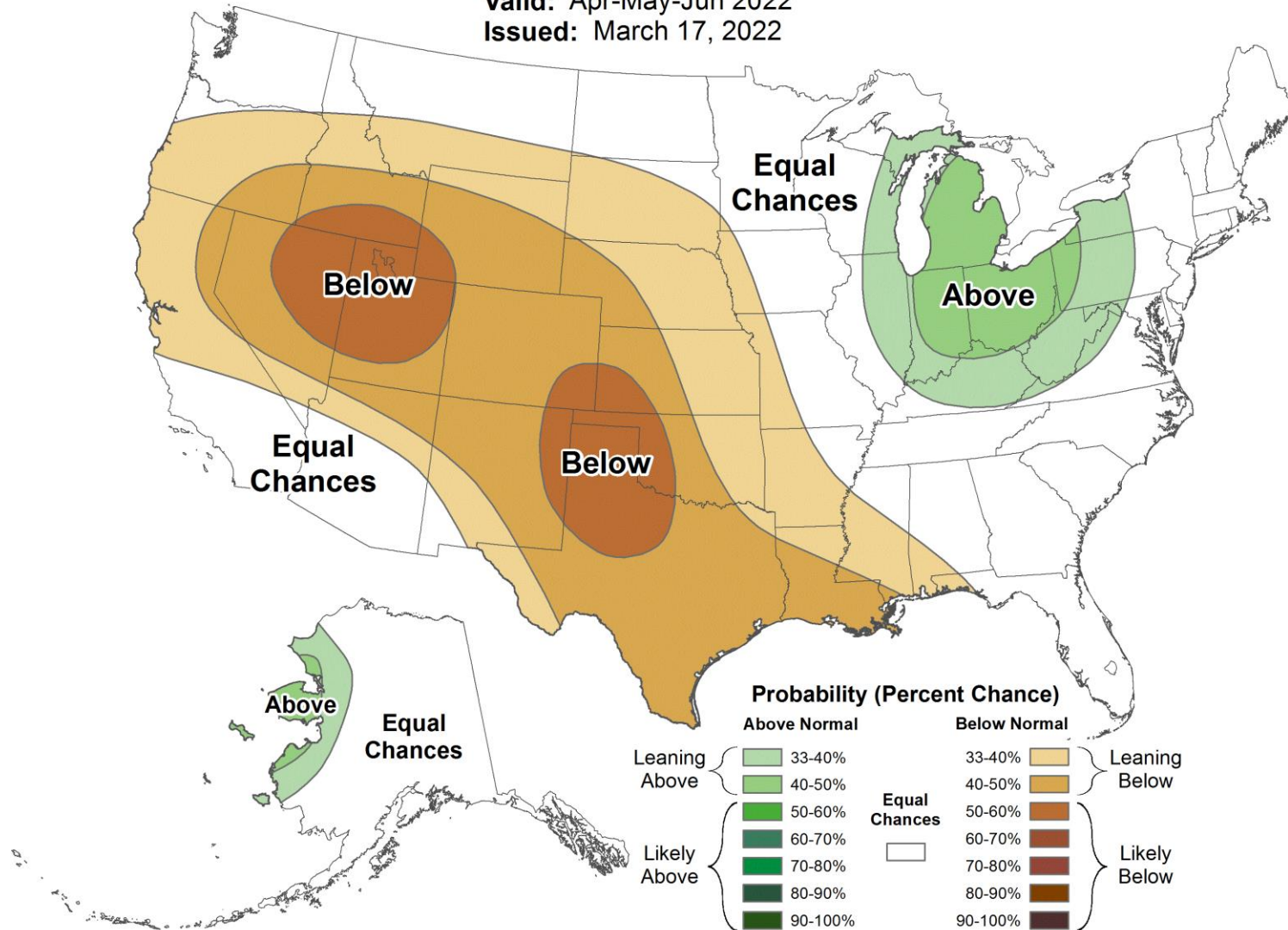


Seasonal Precipitation Outlook



Valid: Apr-May-Jun 2022

Issued: March 17, 2022



DEPTH AVERAGED SOIL SATURATION IN PROVO-UTAH LAKE-JORDAN

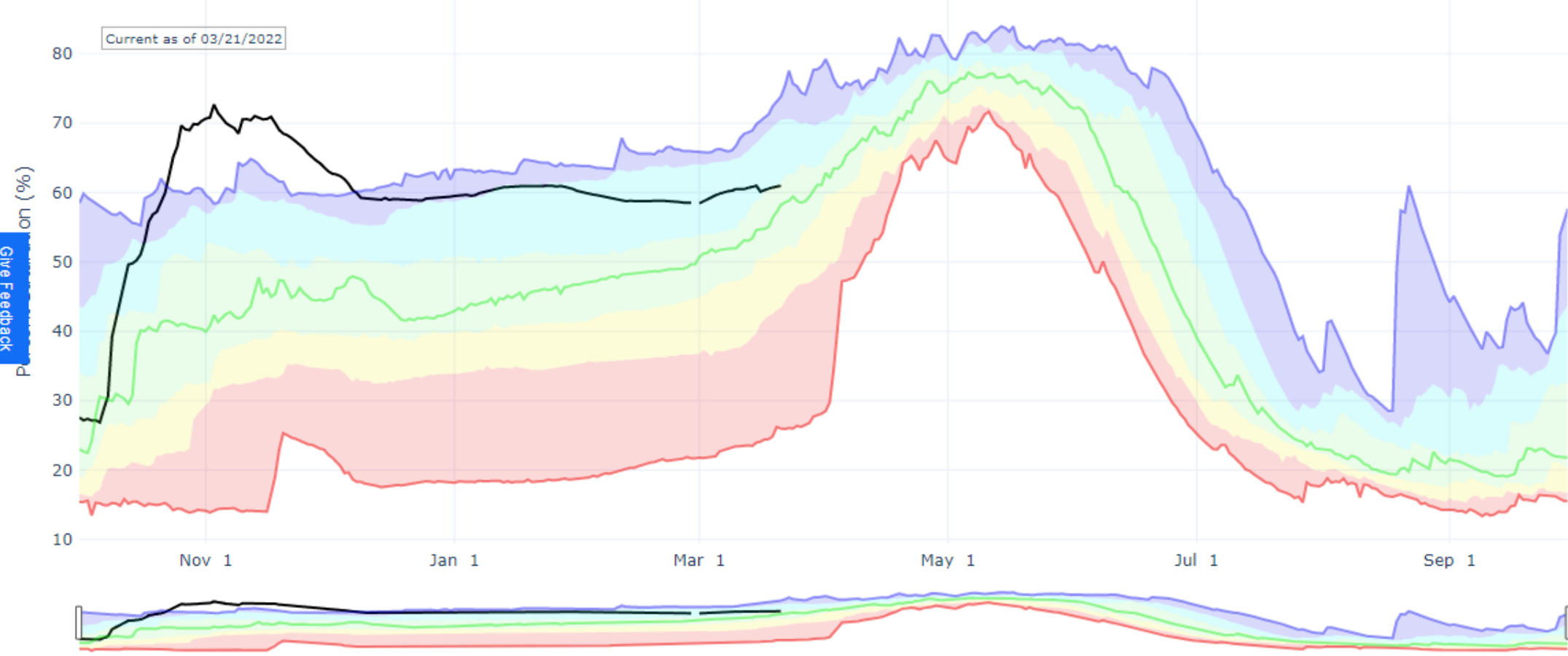
Reset Range

Link to data: [CSV](#) / [JSON](#)

Station List

Give Feedback

Current as of 03/21/2022



- Max
- Median (POR)
- Min
- Stats. Shading
- 2022 (23 sites)
- 2021 (23 sites)
- 2020 (22 sites)
- 2019 (21 sites)
- 2018 (21 sites)
- 2017 (21 sites)
- 2016 (20 sites)
- 2015 (20 sites)
- 2014 (20 sites)
- 2013 (20 sites)
- 2012 (19 sites)
- 2011 (19 sites)
- 2010 (19 sites)
- 2009 (19 sites)
- 2008 (19 sites)
- 2007 (19 sites)
- 2006 (17 sites)
- 2005 (15 sites)

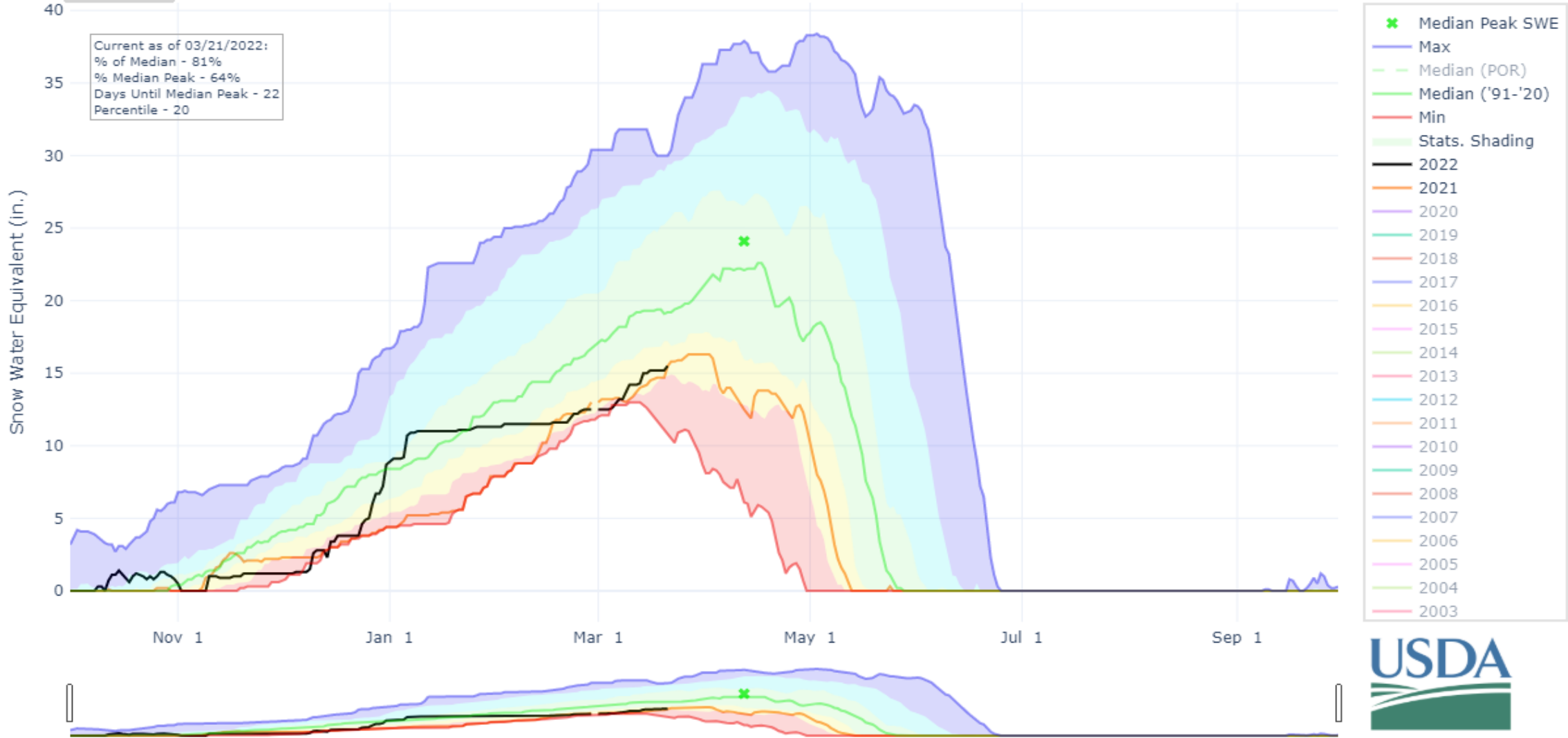


Statistical shading breaks at 10th, 30th, 50th, 70th, and 90th Percentiles
For more information visit: [30-Year Hydroclimatic Normals](#)

SNOW WATER EQUIVALENT AT BRIGHTON

Reset Range

[Link to data: CSV / JSON](#)



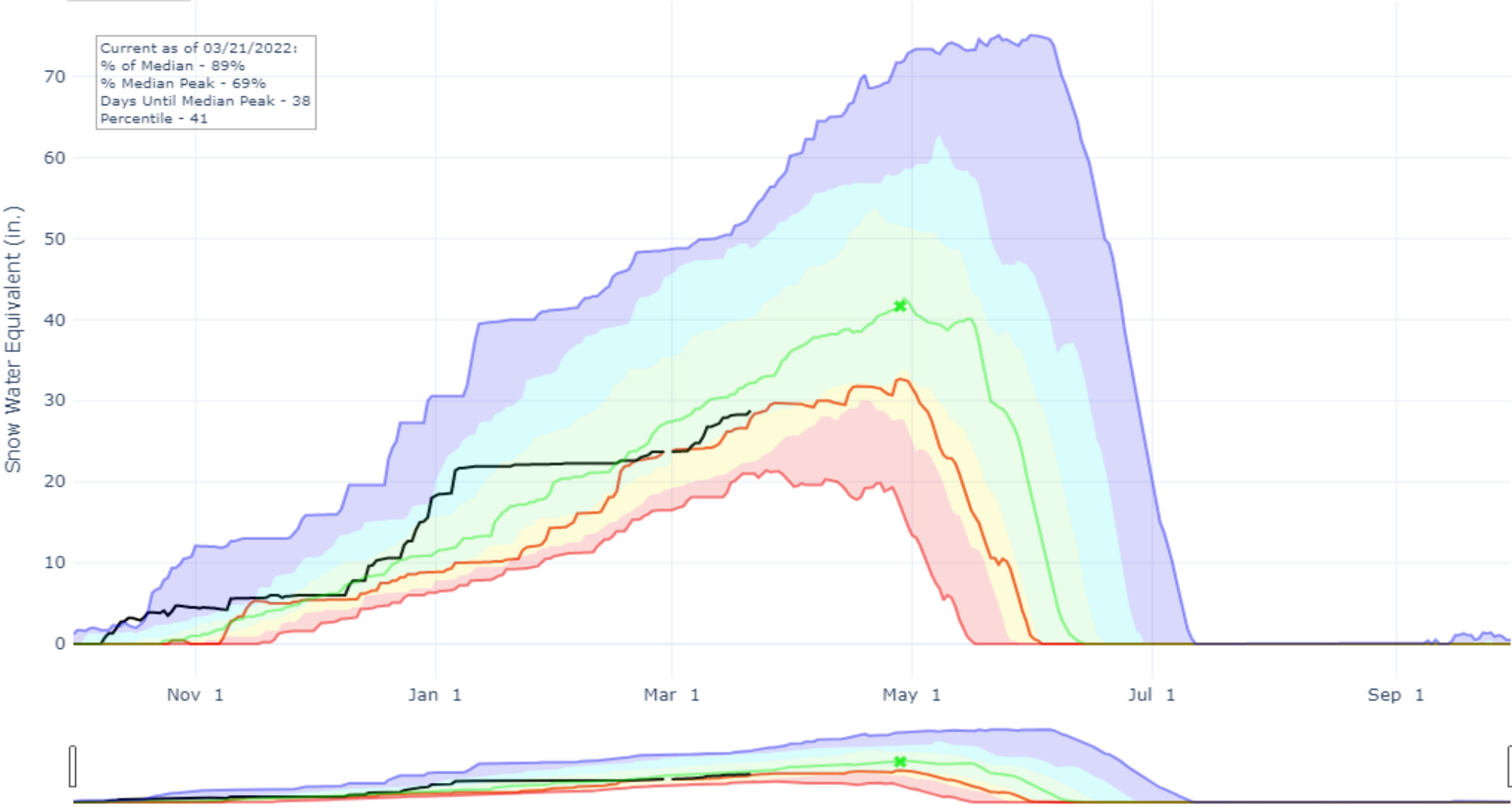
SNOW WATER EQUIVALENT AT SNOWBIRD

Reset Range

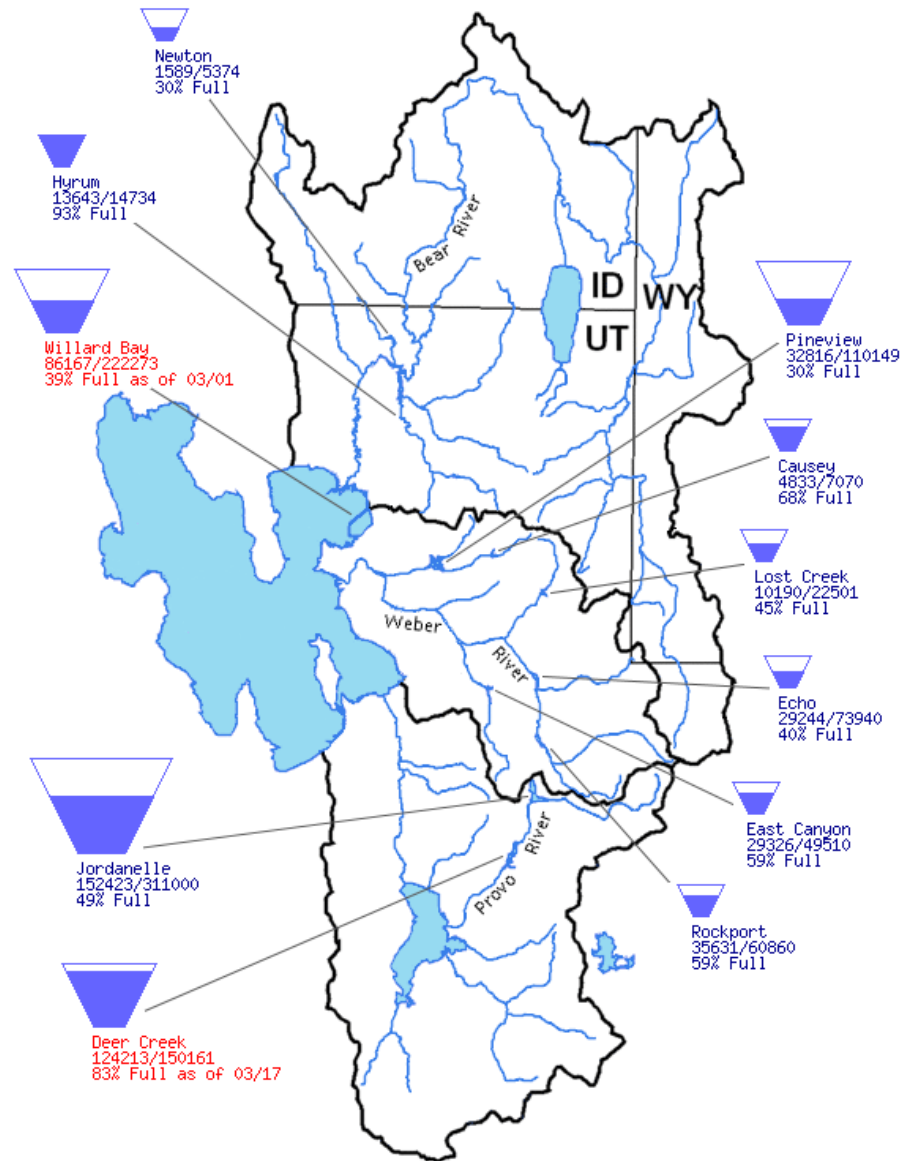
[Link to data: CSV / JSON](#)

Current as of 03/21/2022:
 % of Median - 89%
 % Median Peak - 69%
 Days Until Median Peak - 38
 Percentile - 41

- ✱ Median Peak SWE
- Max
- Median (POR)
- Median ('91-'20)
- Min
- Stats. Shading
- 2022
- 2021
- 2020
- 2019
- 2018
- 2017
- 2016
- 2015
- 2014
- 2013
- 2012
- 2011
- 2010
- 2009
- 2008
- 2007
- 2006
- 2005
- 2004
- 2003



Bear, Weber, and Provo River Basins

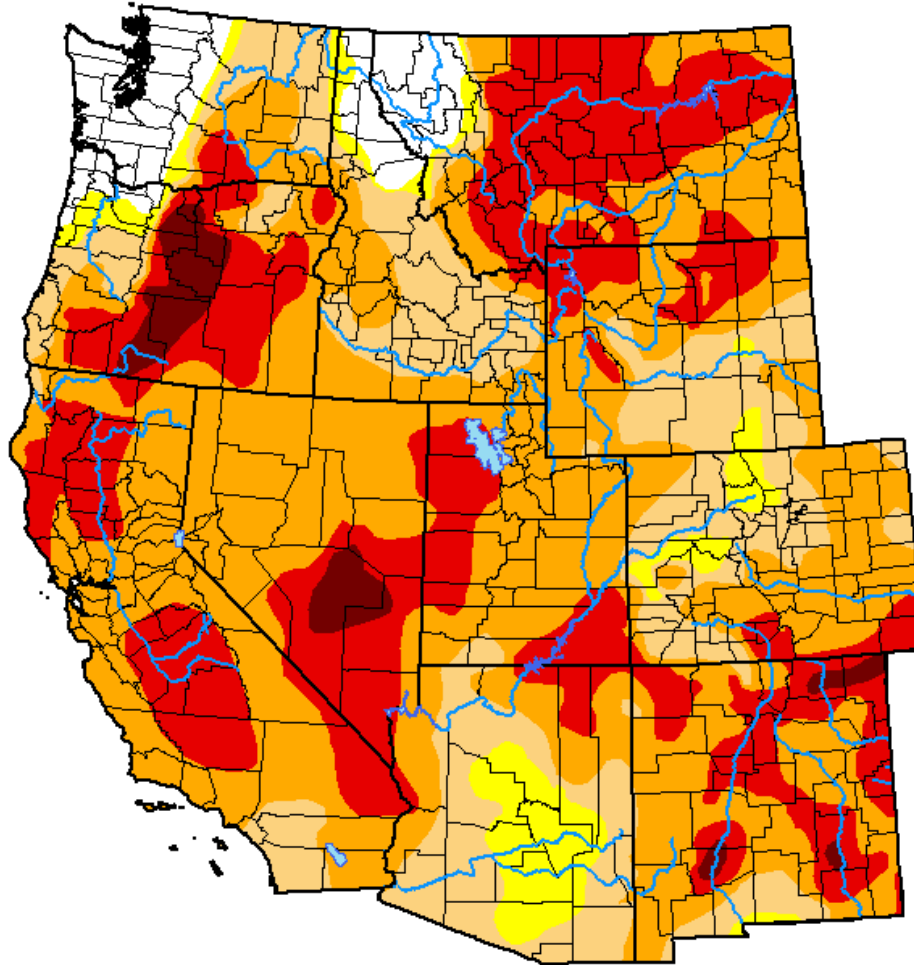


All CUWCD Data is Provisional



U.S. Drought Monitor Western U.S.

March 15, 2022
(Released Thursday, Mar. 17, 2022)
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	5.15	94.85	90.09	71.82	28.22	2.39
Last Week <i>03-08-2022</i>	5.15	94.85	90.17	70.74	23.88	2.91
3 Months Ago <i>12-14-2021</i>	2.32	97.68	94.47	75.66	43.54	11.55
Start of Calendar Year <i>01-04-2022</i>	3.68	96.32	89.29	64.90	23.85	3.94
Start of Water Year <i>09-28-2021</i>	2.21	97.79	89.60	75.38	52.46	18.40
One Year Ago <i>03-16-2021</i>	10.69	89.31	74.92	58.63	39.74	20.32

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:
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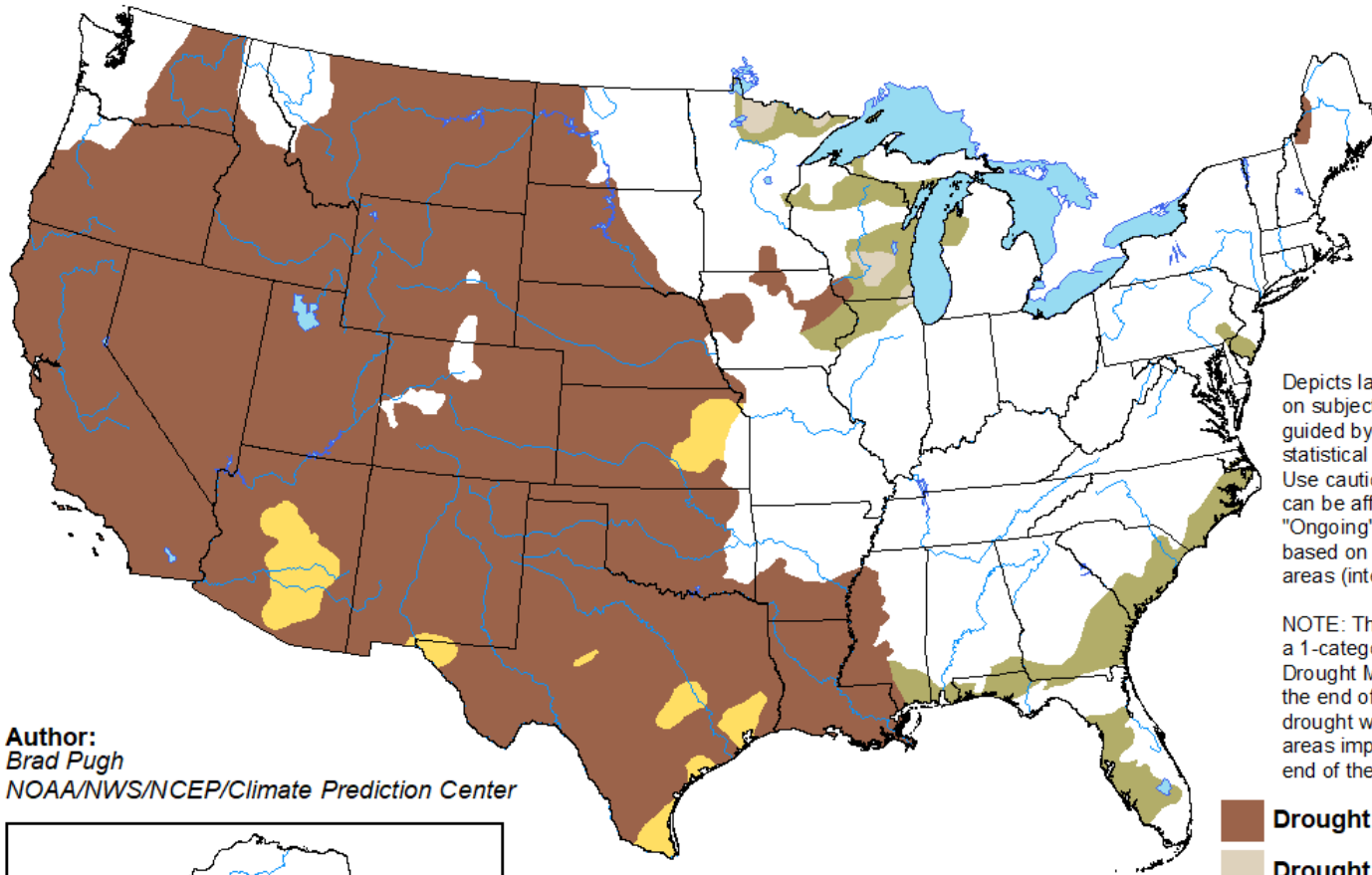


droughtmonitor.unl.edu

U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period

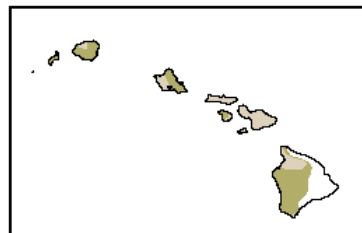
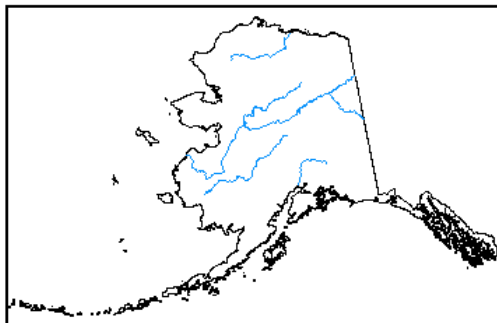
Valid for March 17 - June 30, 2022
Released March 17







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).

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



<http://go.usa.gov/3eZ73>