



AGENDA

IDAHO WATER RESOURCE BOARD

Upper Snake River Advisory Committee Meeting No. 6-23

Thursday, June 8, 2023

10:00 a.m. (MDT)

Meeting Location(s):

BOISE

Water Center
Conf. Room 549F
322 E. Front St.

IDAHO FALLS

Eastern Regional Office
Main Conference Room
900 N. Skyline Drive

OR

Brad Little
Governor

Jeff Raybould
Chairman
St. Anthony
At Large

Jo Ann Cole-Hansen
Secretary
Lewiston
At Large

Dale Van Stone
Hope
District 1

Albert Barker
Boise
District 2

Dean Stevenson
Paul
District 3

Brian Olmstead
Twin Falls
At Large

Marcus Gibbs
Grace
District 4

Patrick McMahon
Sun Valley
At Large

ONLINE via Zoom - [Click here to join our Zoom Meeting](#)

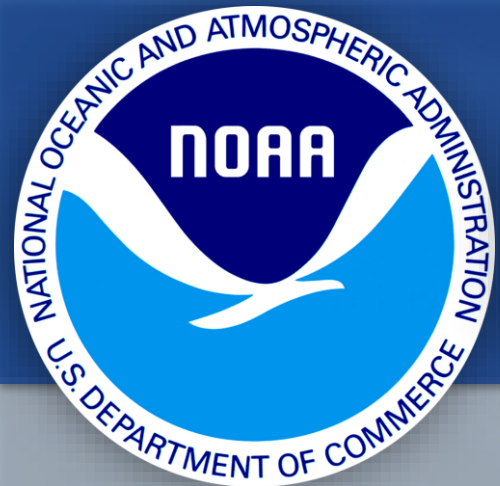
Dial in Option: [+1 \(253\) 215-8782](#)

Meeting ID: 860 8548 7210 Passcode: 673668

1. Introduction and Attendance
2. Weather Forecast (NOAA)
3. Snow Pack / Streamflow Forecasts (NRCS)
4. Water Supply / Operations Update (USBR)
5. Idaho Power Company
 - a. Operations Update
 - b. Cloud Seeding Update
6. Water District 01 Briefing
7. IWRB Managed Recharge Operations
8. New Business
9. Adjourn

Committee Member – Brian Olmstead

Americans with Disabilities: The meeting will be held online. If you require special accommodations to attend, participate in, or understand the meeting, please make advance arrangements by contacting Department staff by email jennifer.strange@idwr.idaho.gov or by phone at (208) 287-4800.



Upper Snake Weather Outlook

Presenter: Tim Axford

Weather Forecast Office

Pocatello, ID

Thursday, June 8



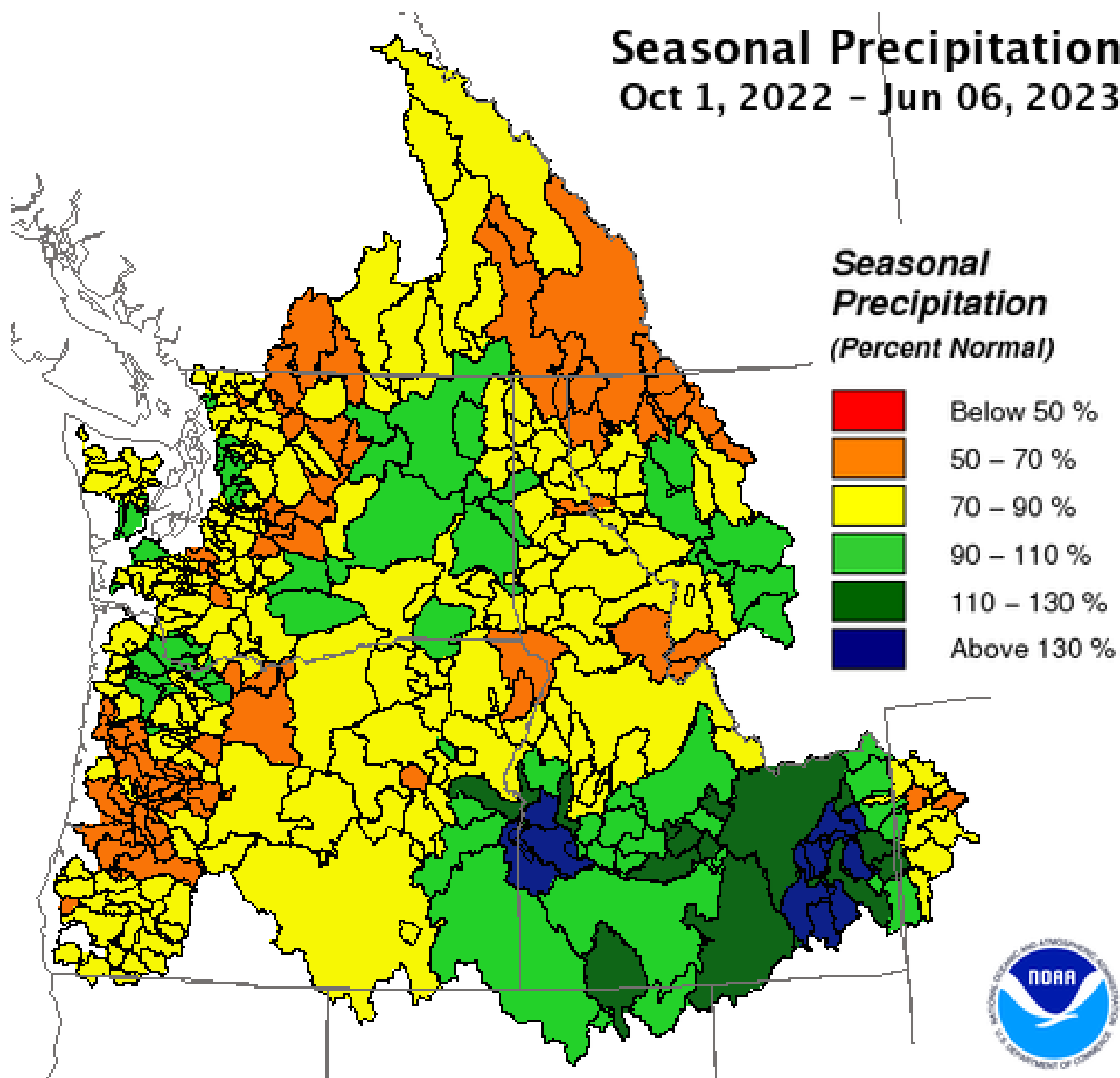
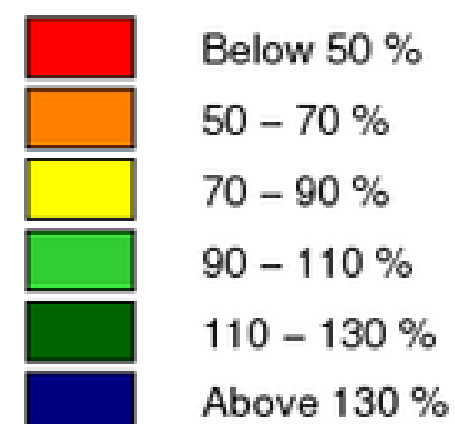


Winter - Cold and Wet

Weather Forecast Office
Pocatello, ID
Thursday, June 8

Seasonal Precipitation Oct 1, 2022 - Jun 06, 2023

Seasonal Precipitation (Percent Normal)

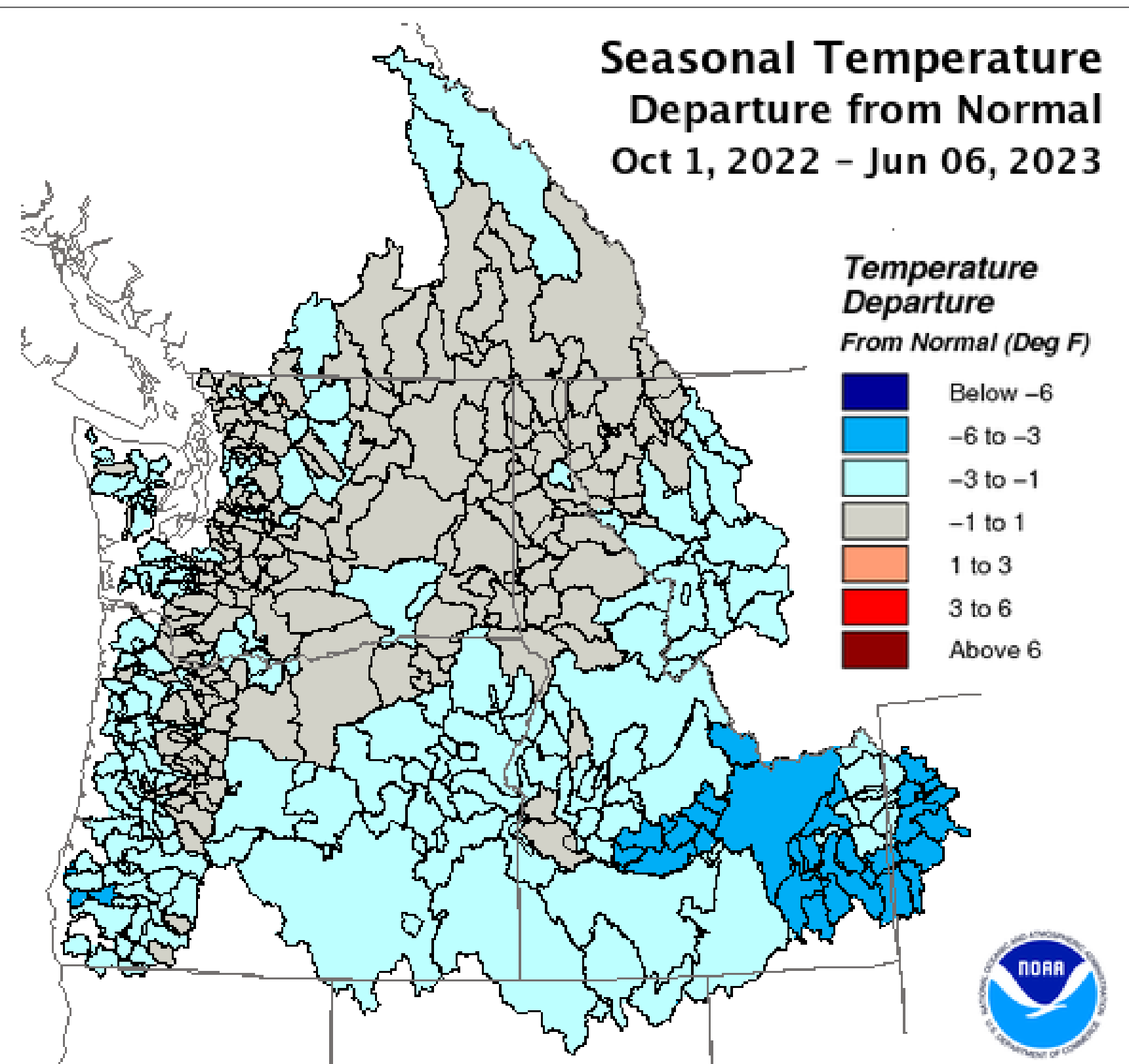
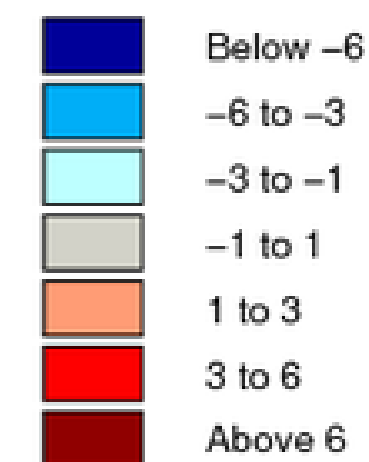


Creation Time: Wednesday, Jun 7, 2023

Northwest River Forecast Center

Seasonal Temperature Departure from Normal Oct 1, 2022 - Jun 06, 2023

Temperature Departure From Normal (Deg F)



Creation Time: Wednesday, Jun 7, 2023

Northwest River Forecast Center

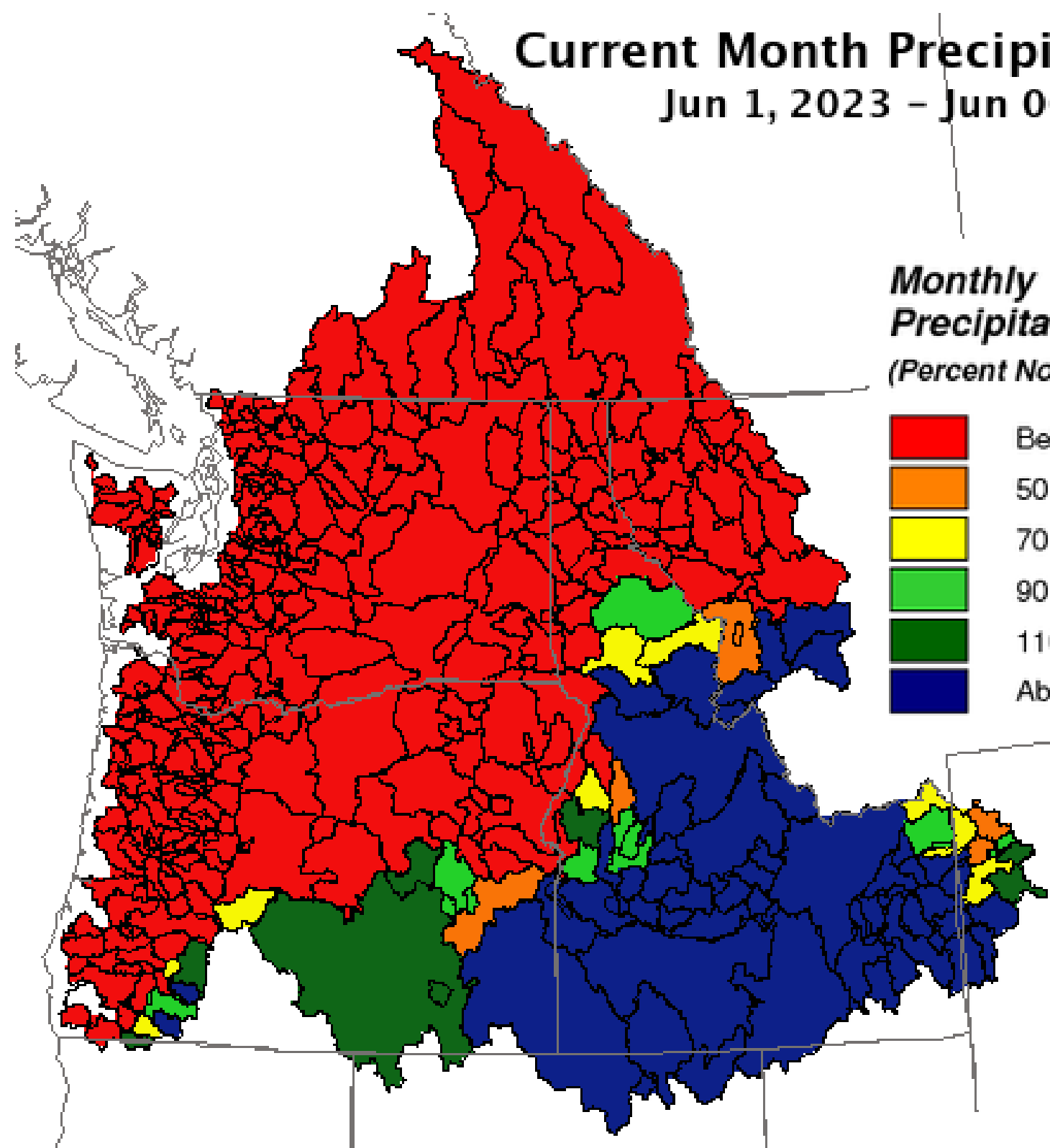
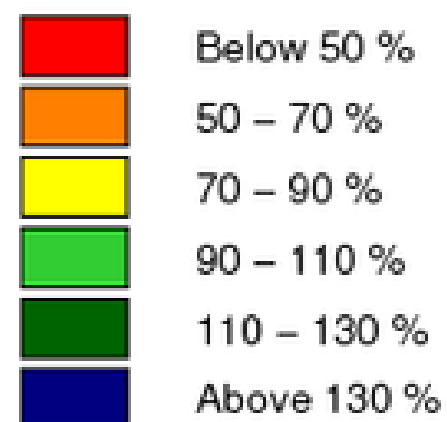


June So Far...

Weather Forecast Office
Pocatello, ID
Thursday, June 8

Current Month Precipitation Jun 1, 2023 – Jun 06, 2023

Monthly Precipitation (Percent Normal)

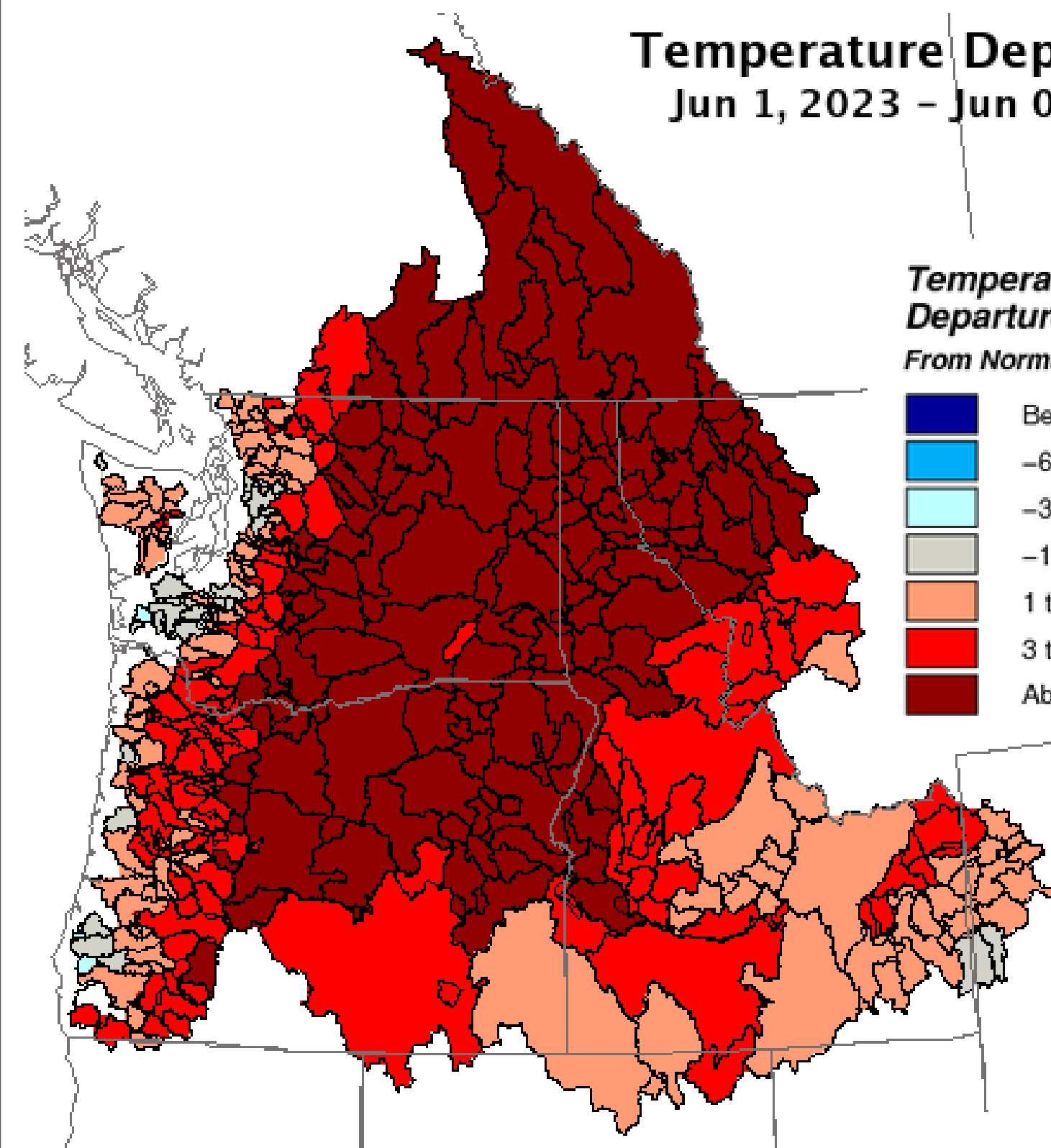
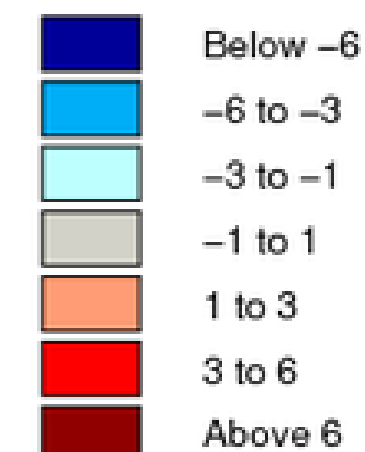


Creation Time: Wednesday, Jun 7, 2023

Northwest River Forecast Center

Temperature Departure Jun 1, 2023 – Jun 06, 2023

Temperature Departure From Normal (Deg F)

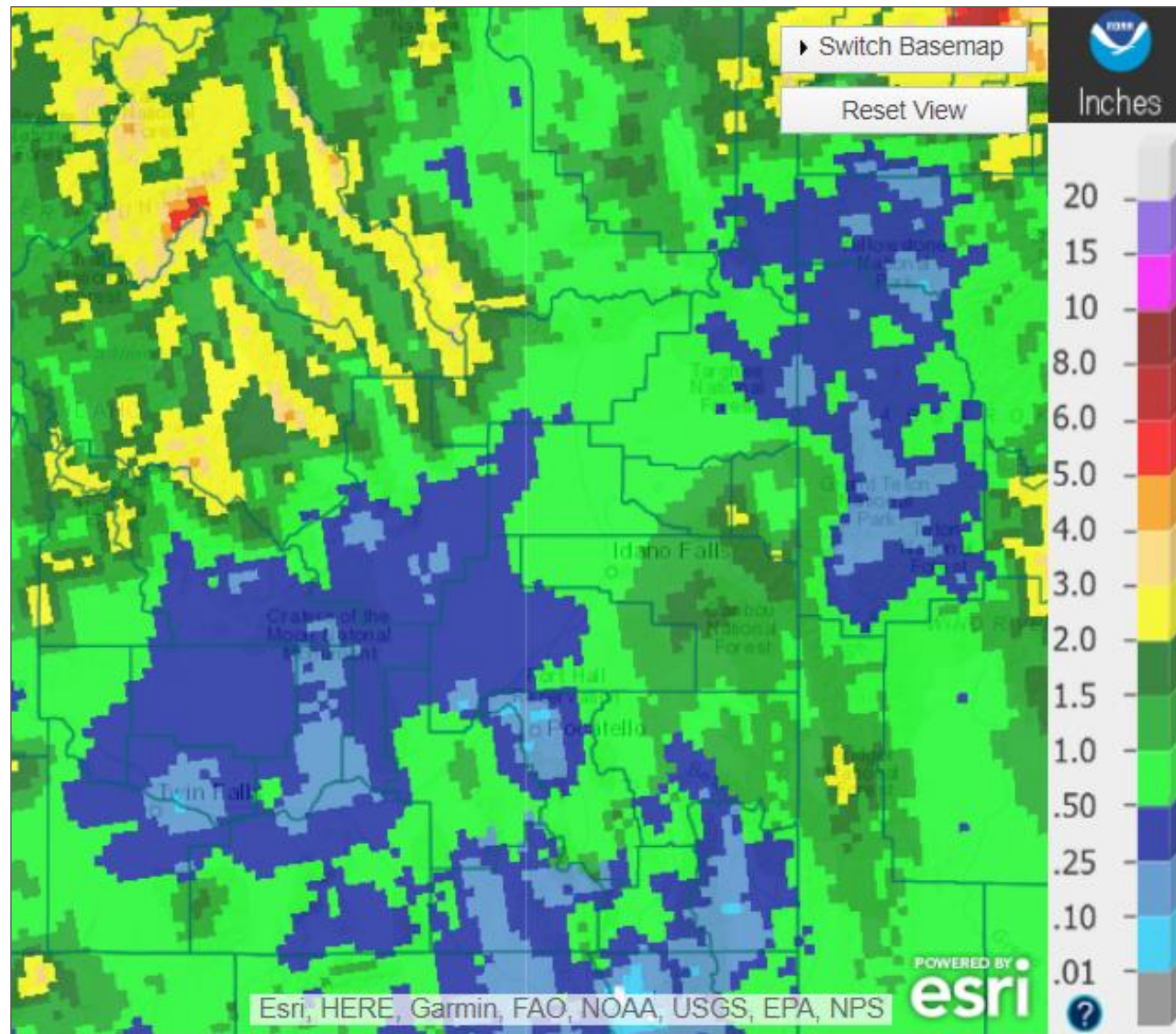


Creation Time: Wednesday, Jun 7, 2023

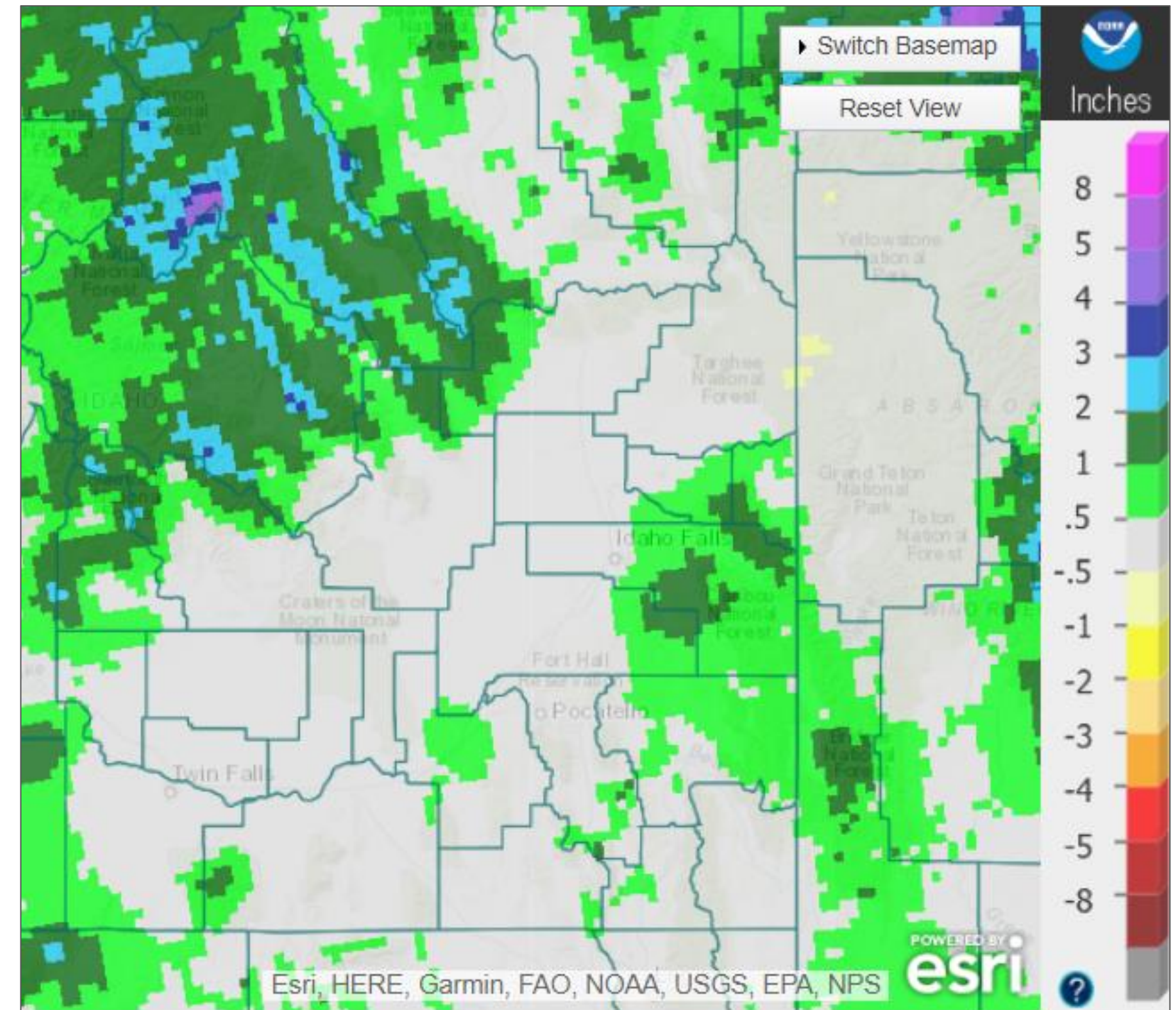
Northwest River Forecast Center

Last 7 Days Precipitation

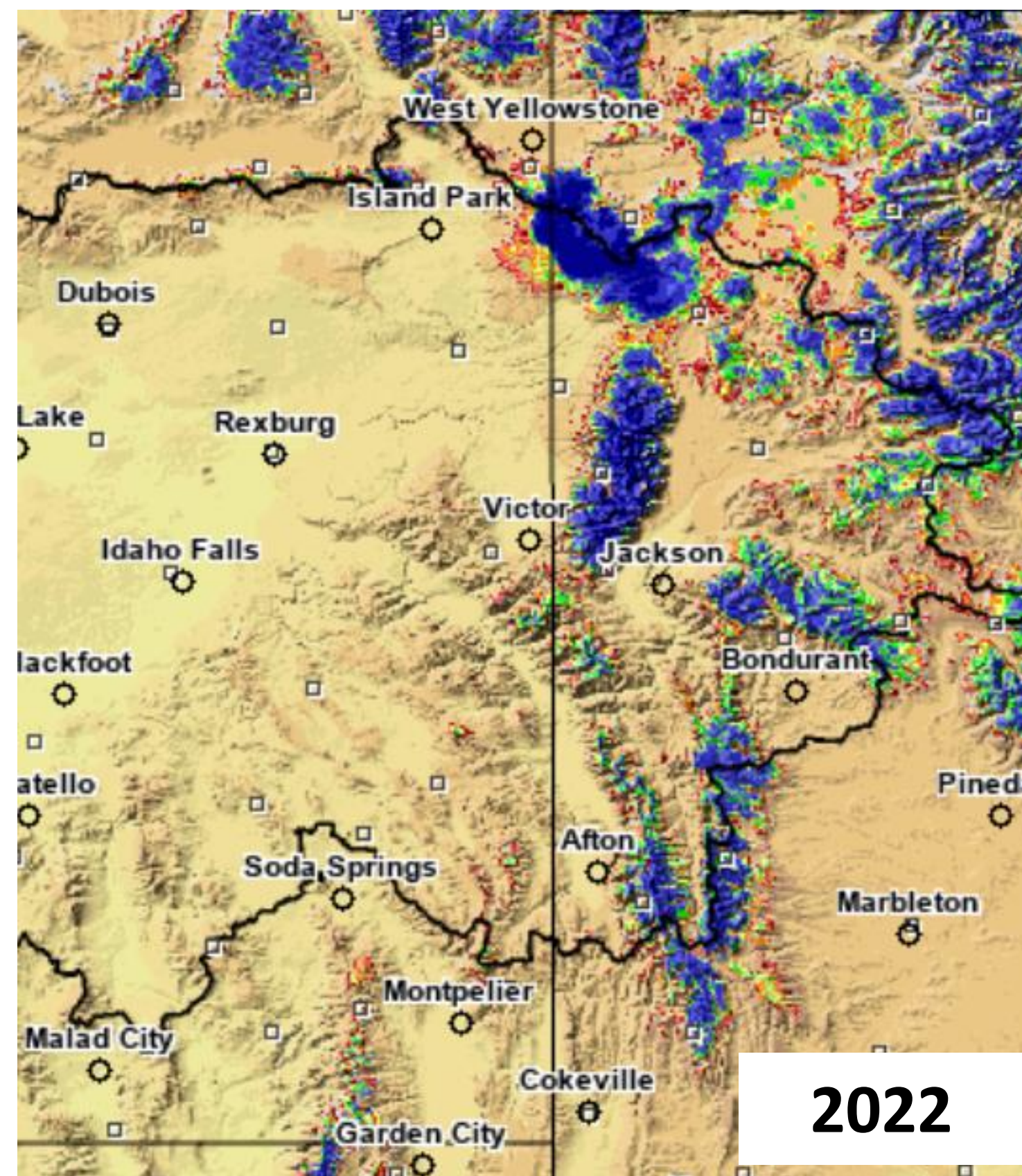
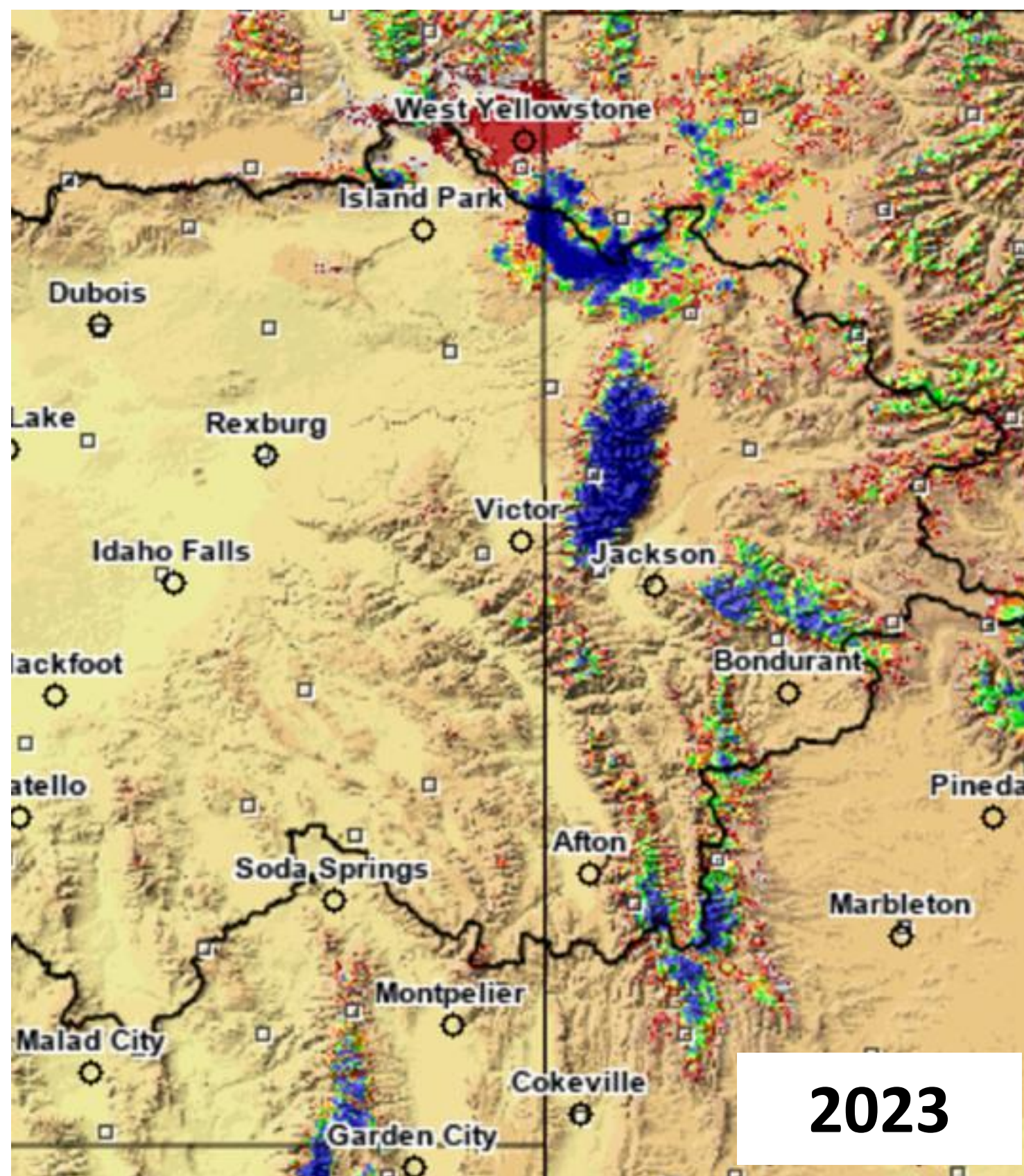
Weather Forecast Office
Pocatello, ID
Thursday, June 8



Precipitation over the last 7 Days



Departure from Normal



SWE - How much water is locked up in the snow currently



Overall a Gradual Melt-off

Weather Forecast Office
Pocatello, ID
Thursday, June 8



Very Cold End of Winter

Warmup

Cooldown

Warmup

Cooldown

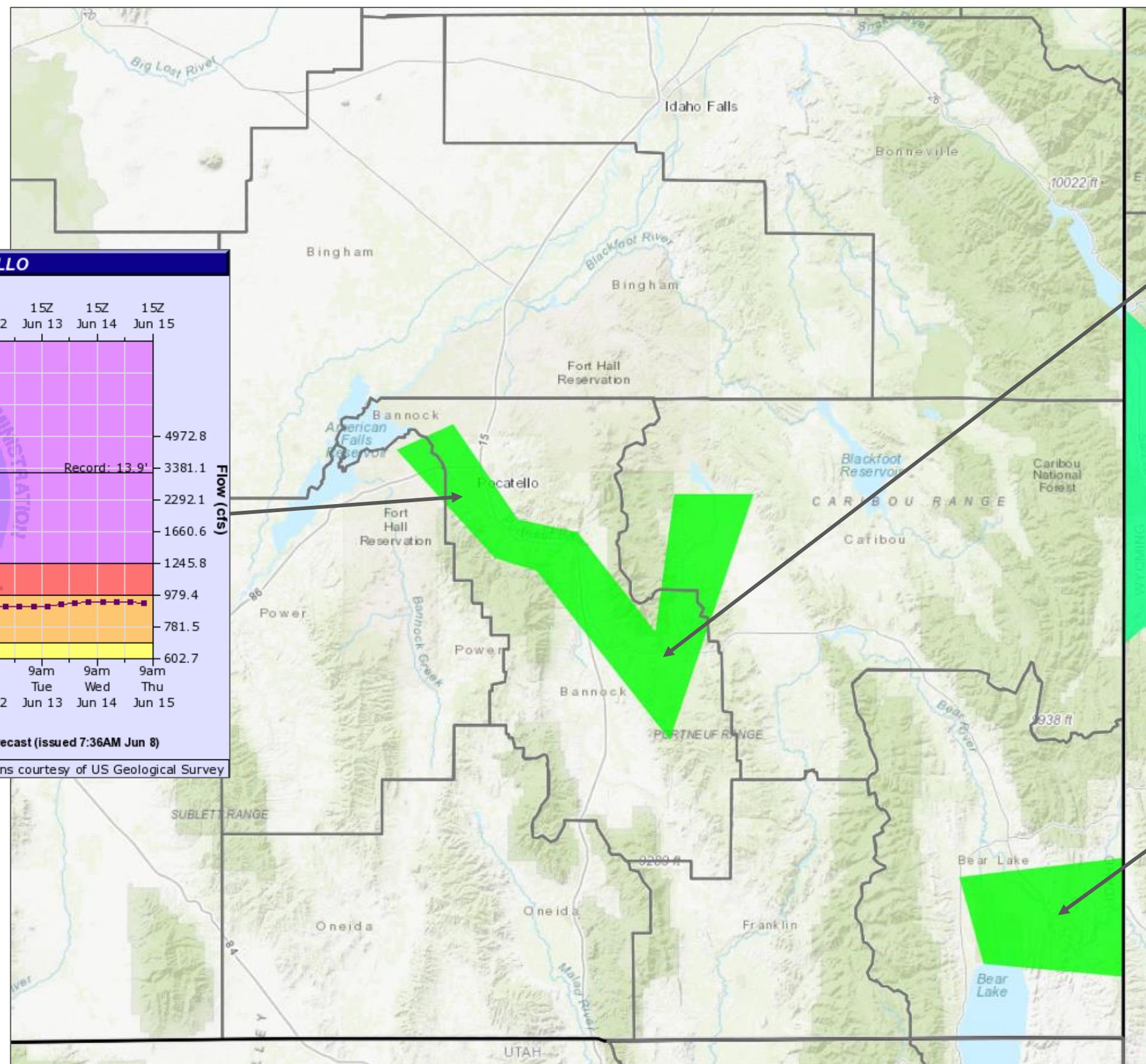
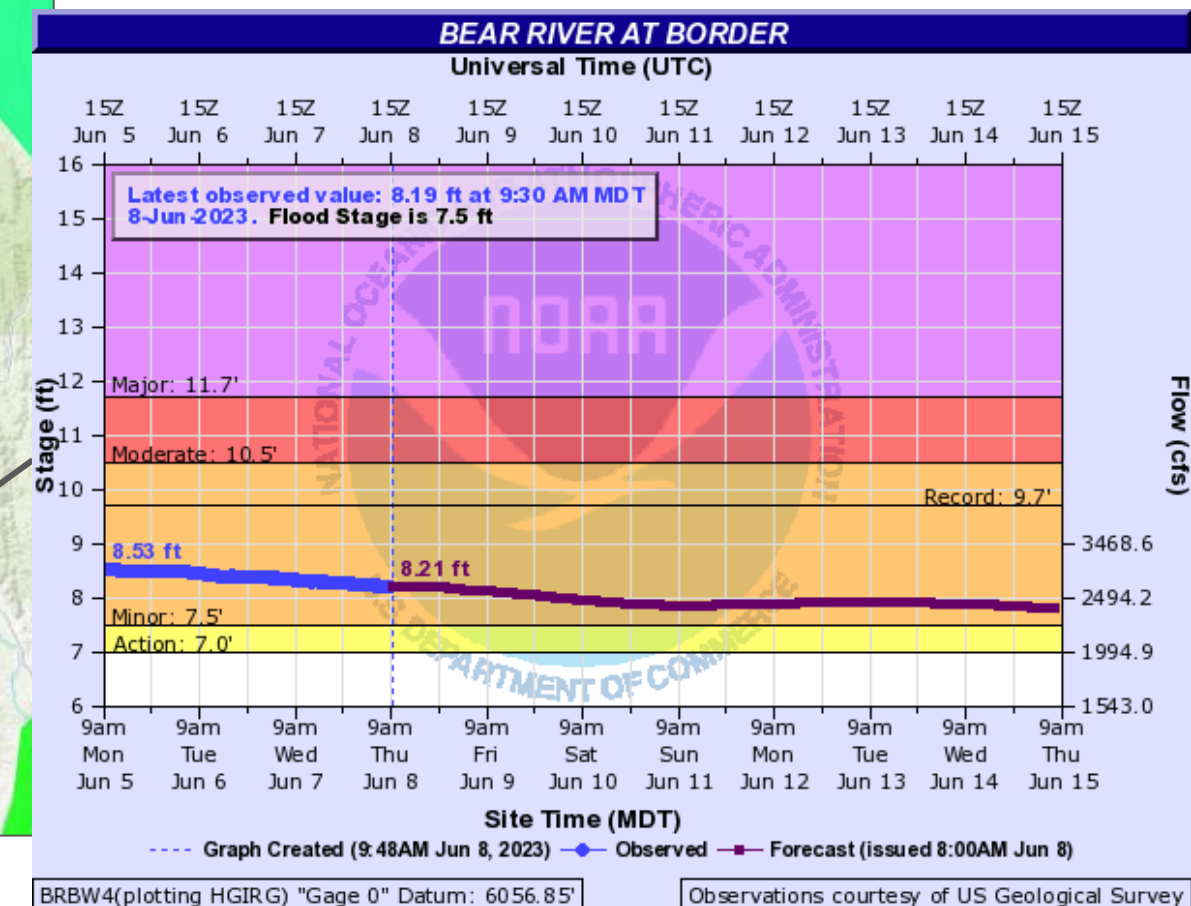
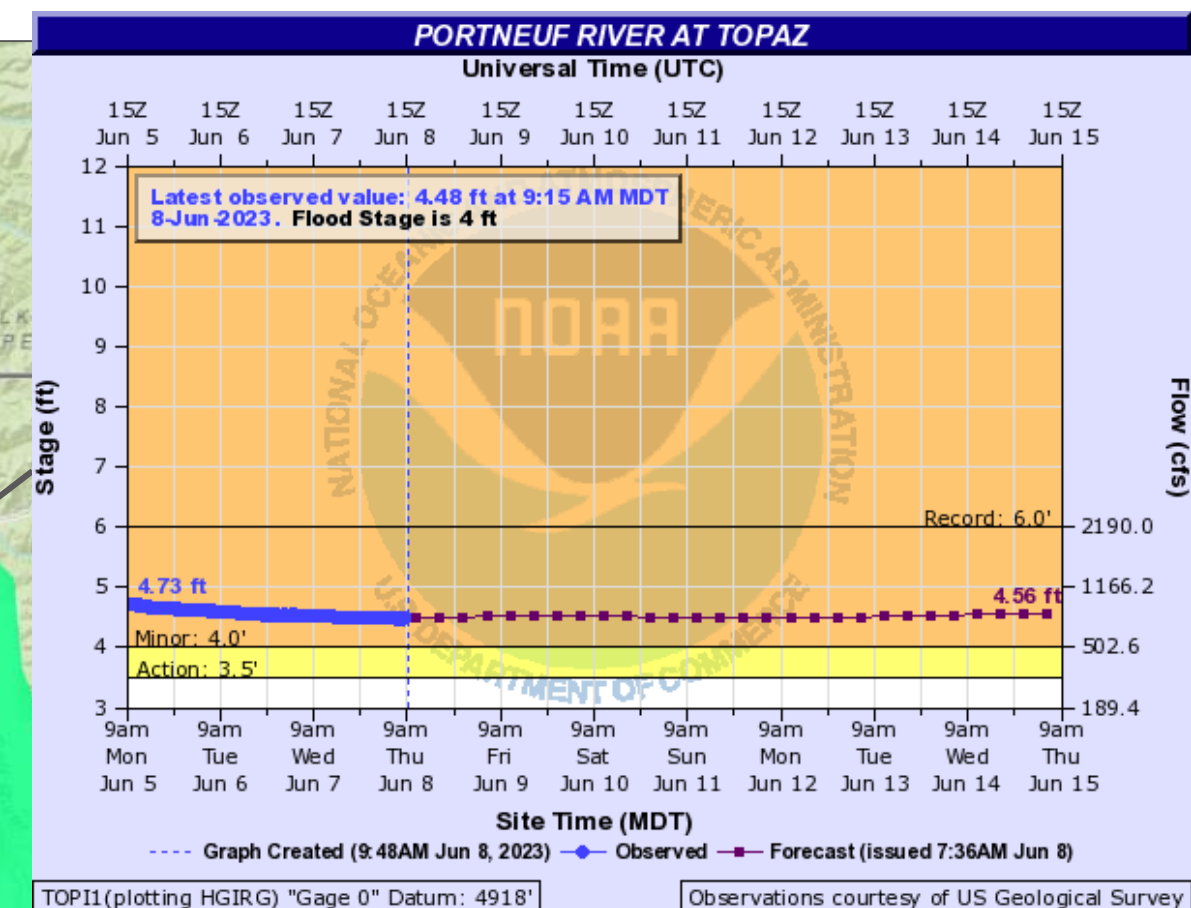
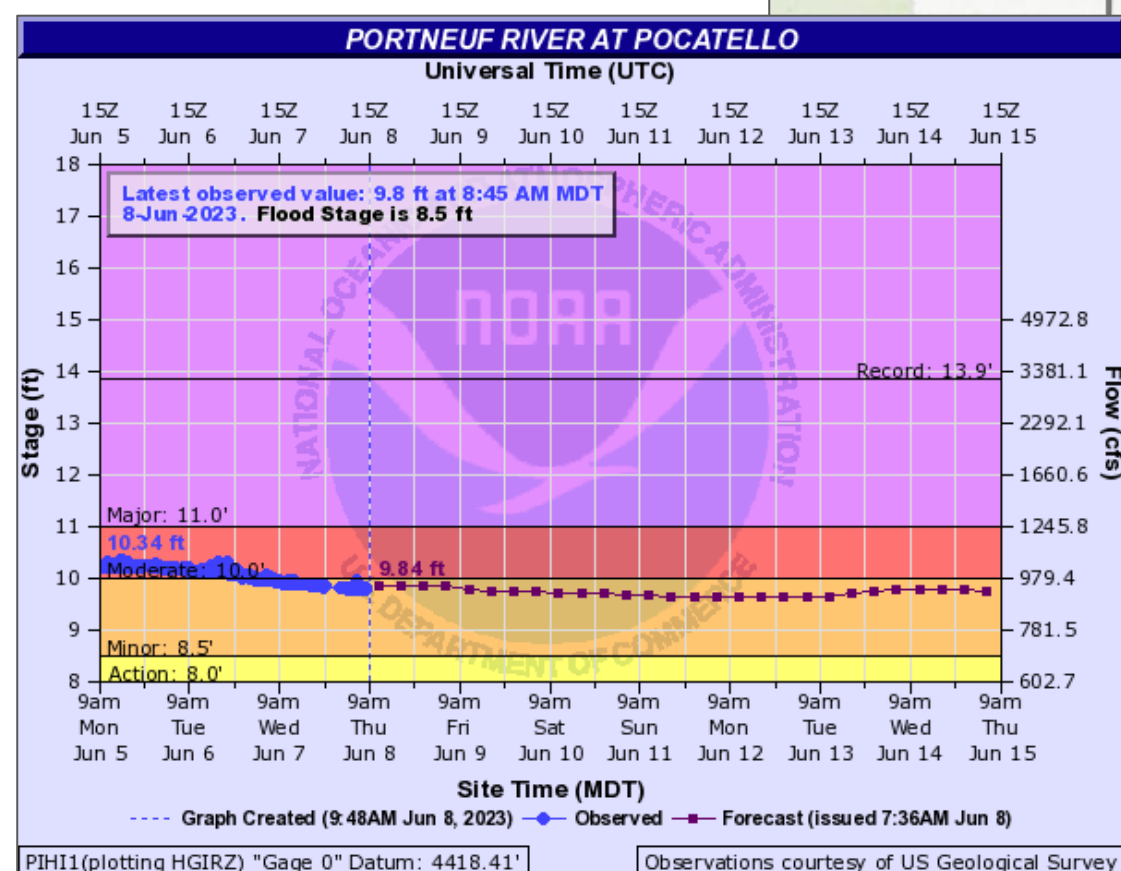
Warmup

Cooldown



Flooding in Eastern Idaho

Weather Forecast Office
Pocatello, ID
Thursday, June 8





Portneuf River

Weather Forecast Office
Pocatello, ID
Thursday, June 8

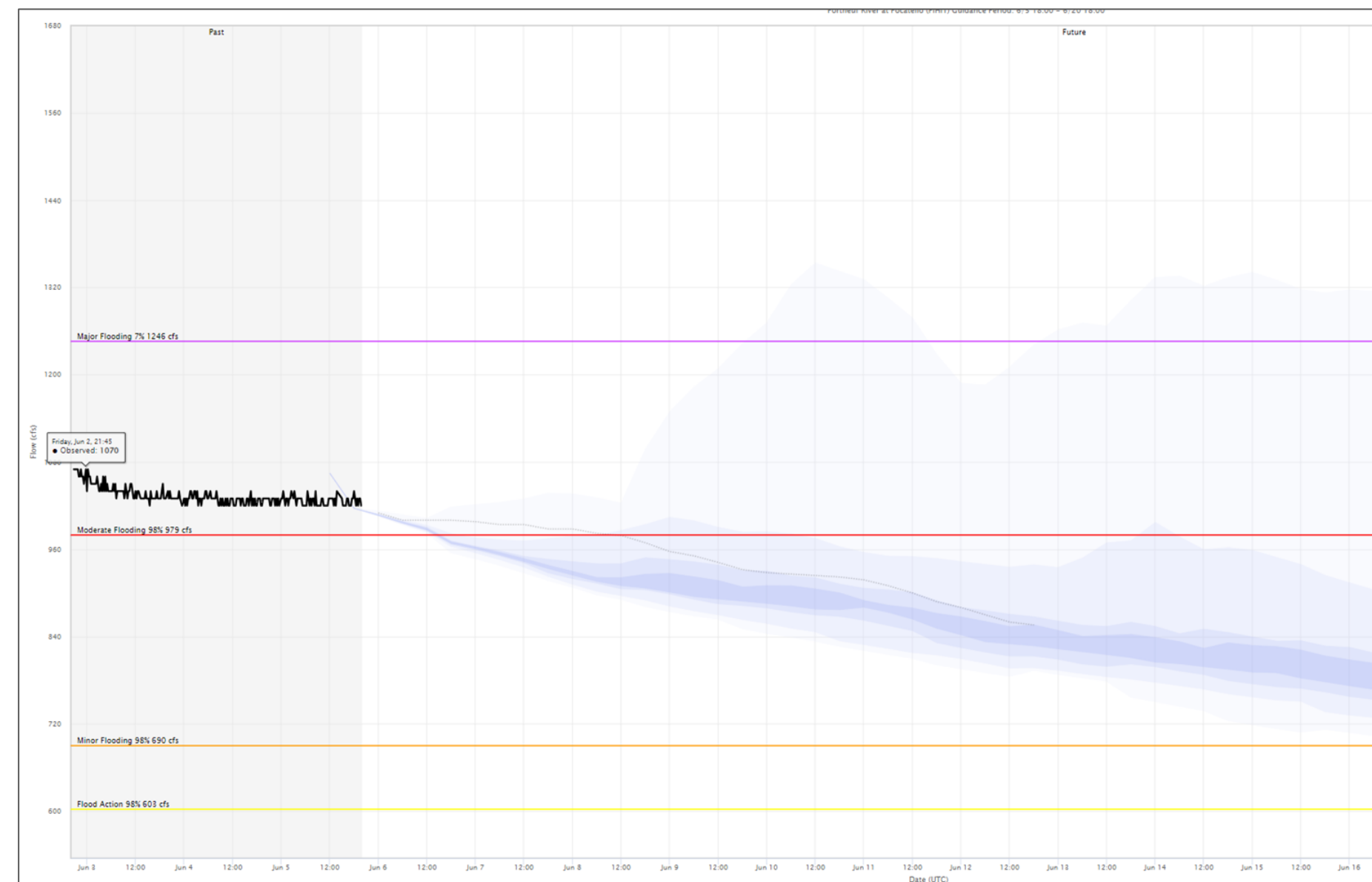


Portneuf River at Pocatello ID - 13075500

April 6, 2023 - June 5, 2023

Gage height, ft ⓘ

10.24 ft - Jun 05, 2023 12:15:00 PM MDT



41 Days of Flooding...

...and Counting (through June 16th)



Bear River

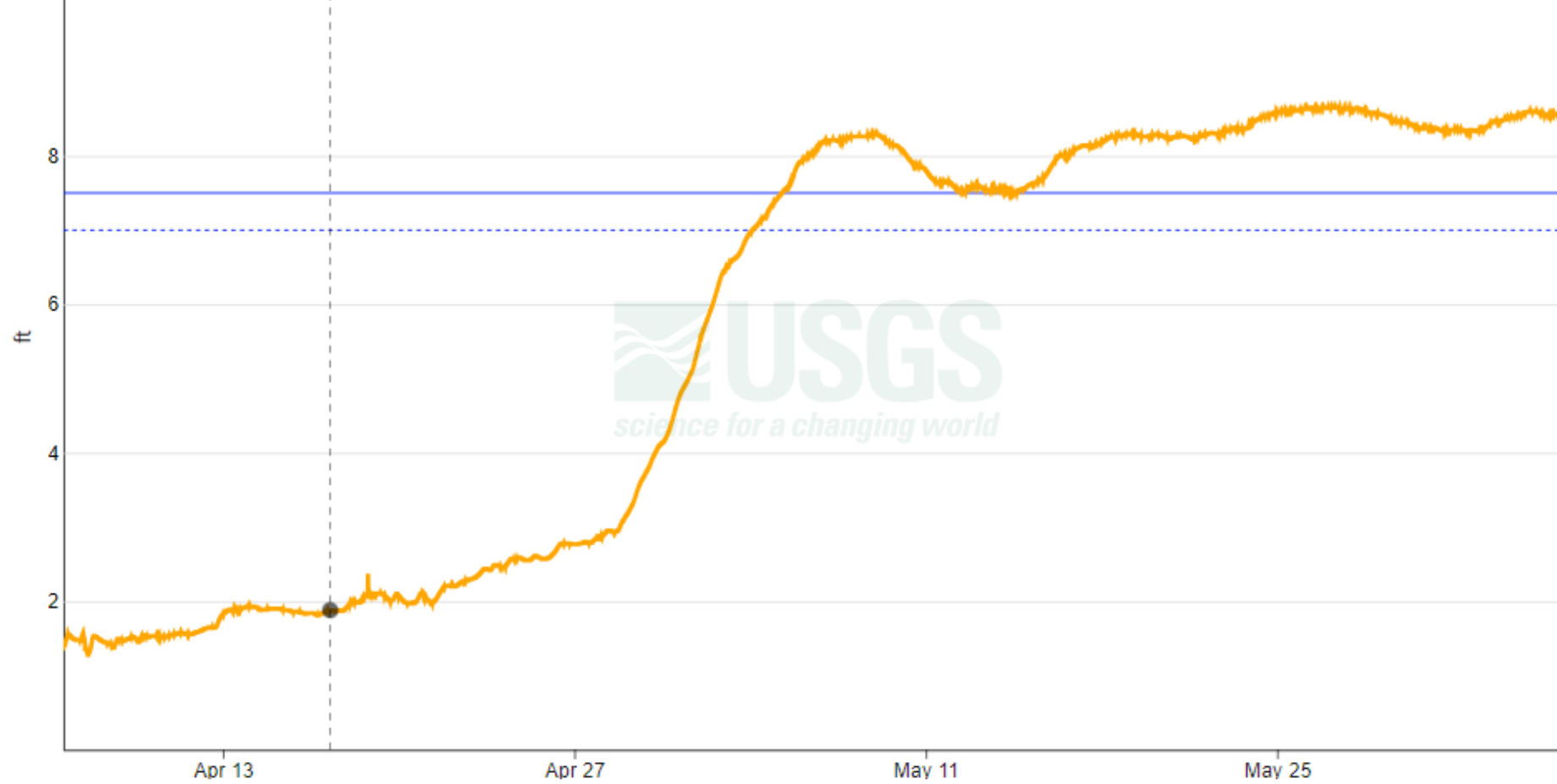
Weather Forecast Office
Pocatello, ID
Thursday, June 8

Bear River at Border, WY - 10039500

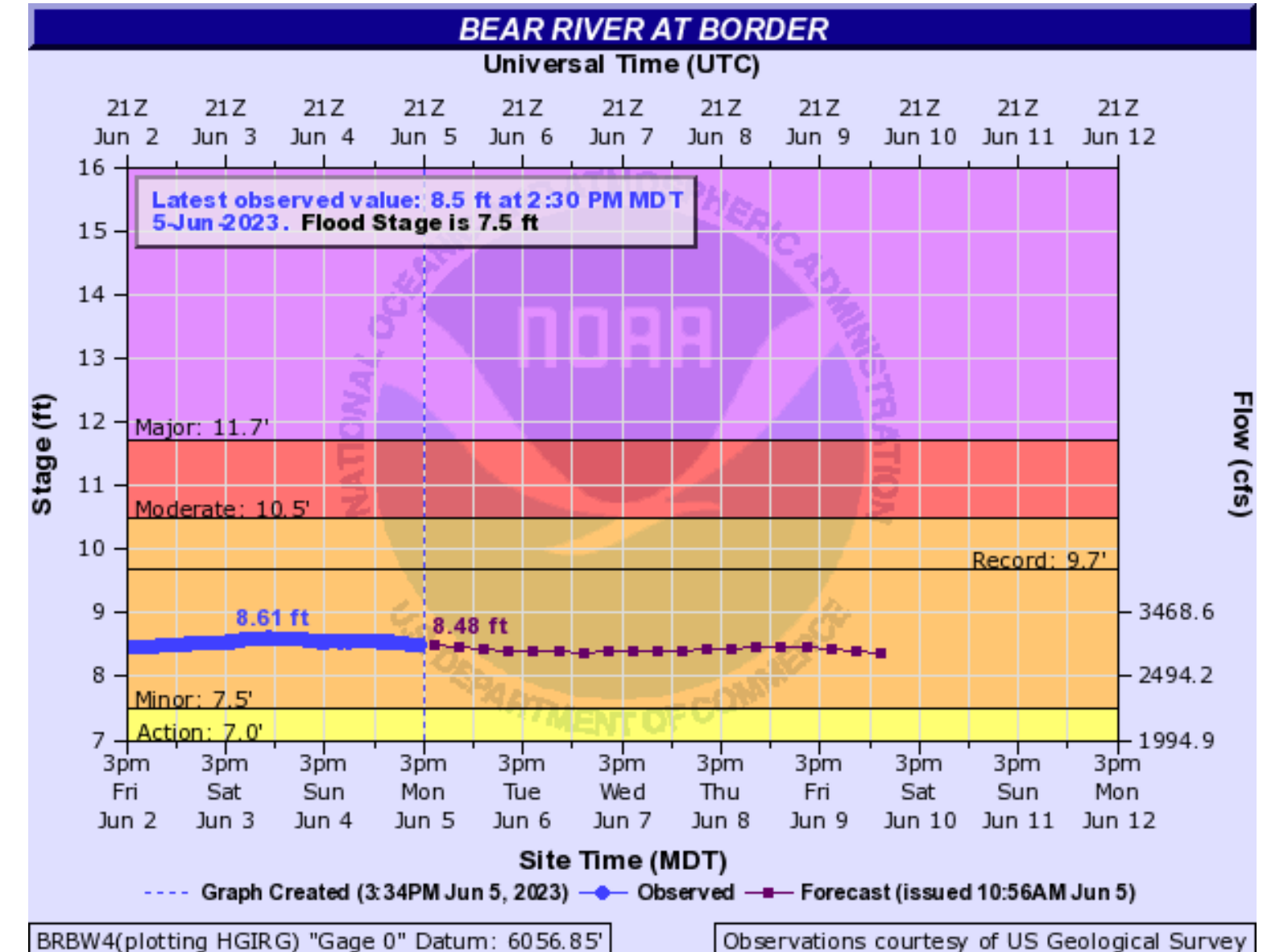
April 6, 2023 - June 5, 2023

Gage height, ft ⓘ

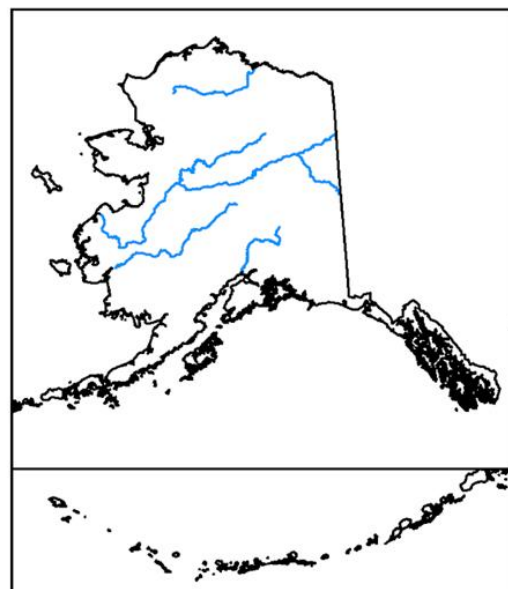
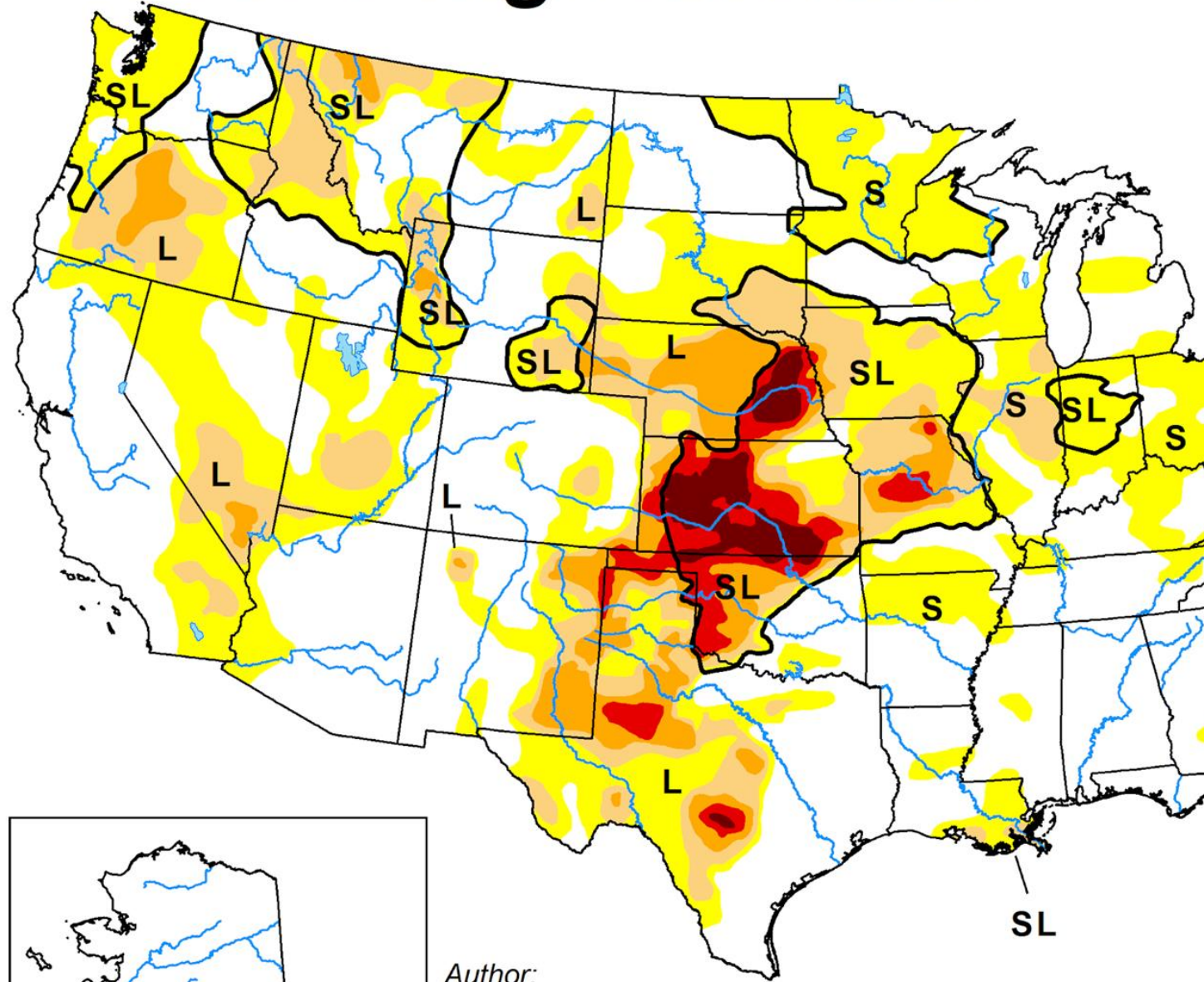
1.88 ft - Apr 17, 2023 06:30:00 AM MDT



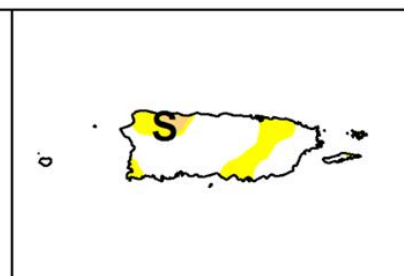
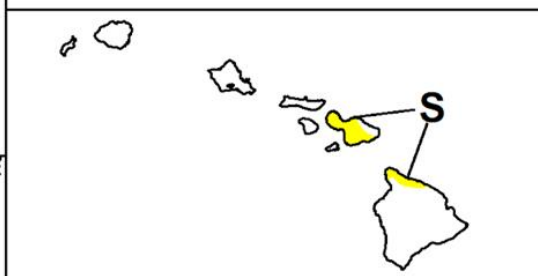
33 Days of Flooding...



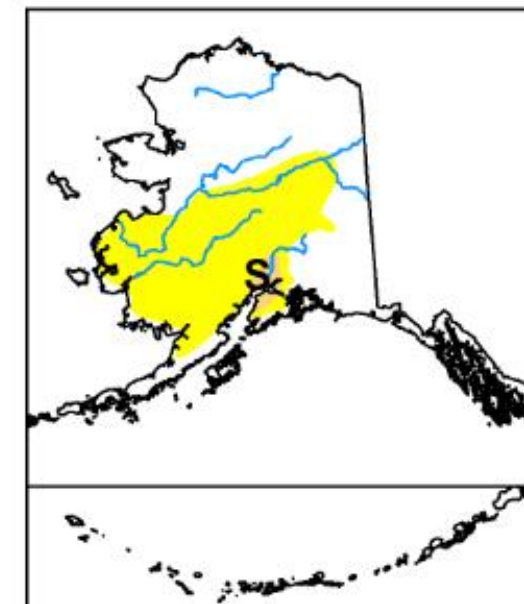
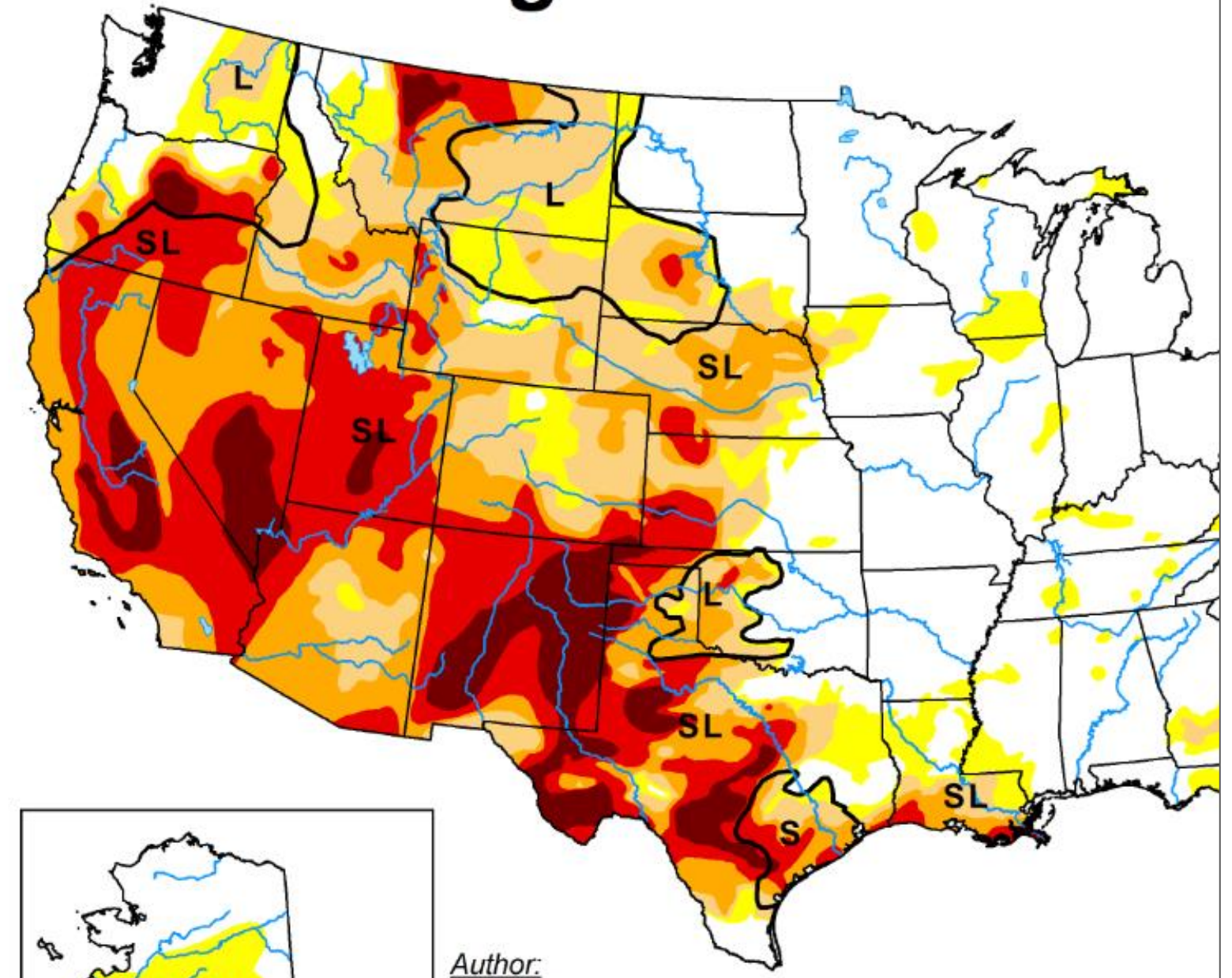
U.S. Drought Monitor 2023



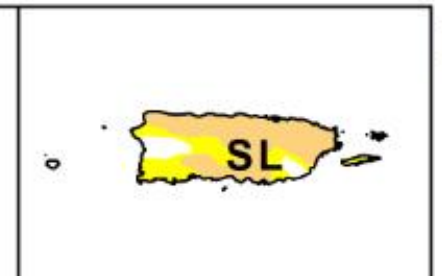
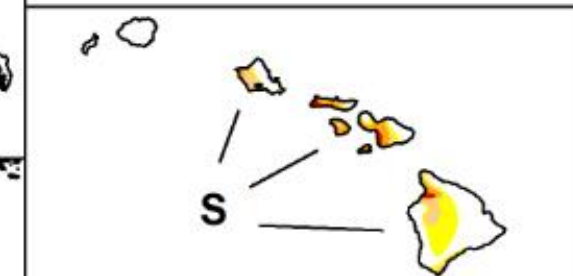
Author:
Richard Heim
NCEI/NOAA



U.S. Drought Monitor 2022



Author:
Brad Pugh
CPC/NOAA





Weather Forecast Office
Pocatello, ID
Thursday, June 8

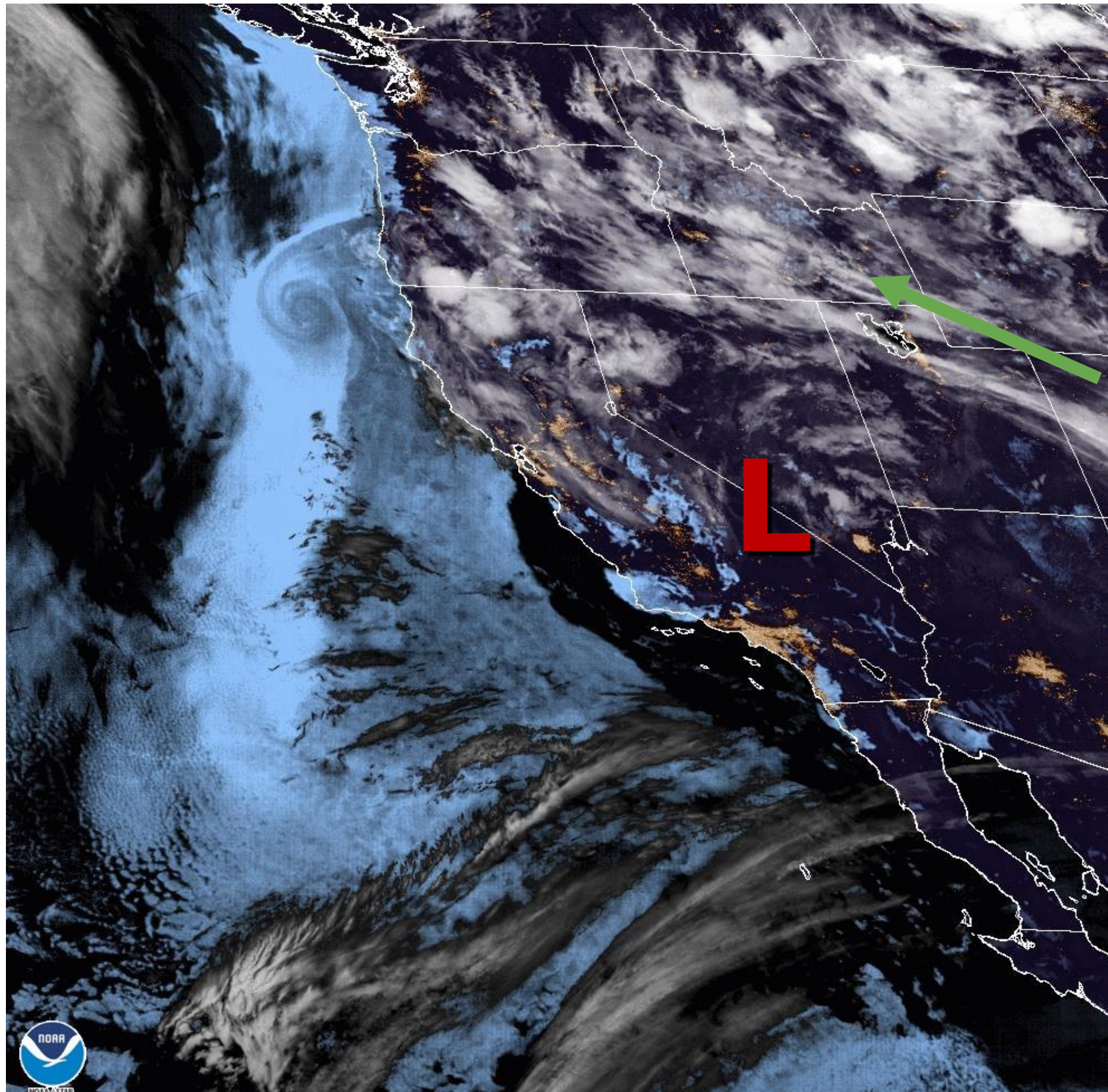
Looking Ahead: Short Term Forecast



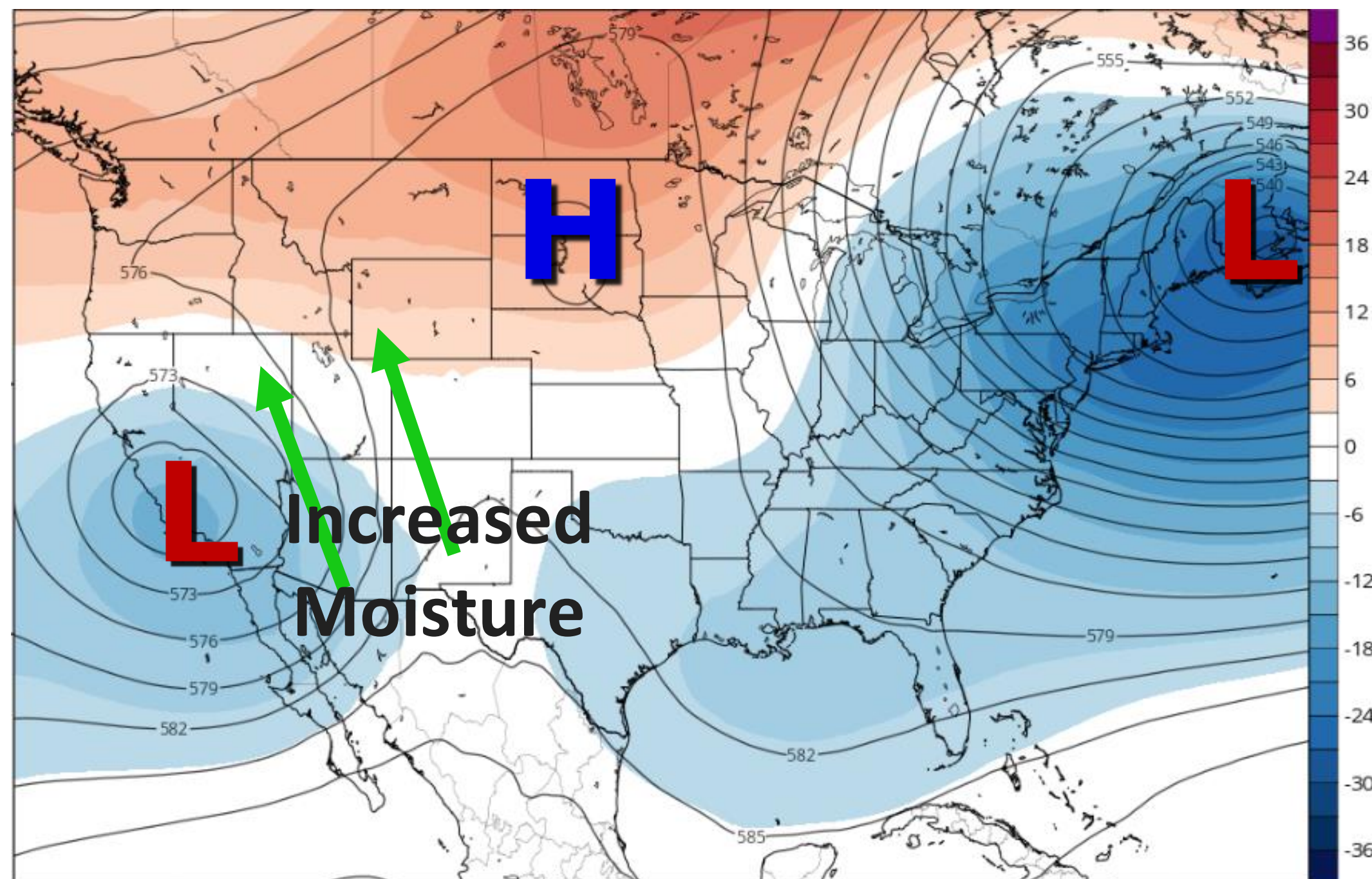


Current Satellite

Weather Forecast Office
Pocatello, ID
Thursday, June 8



08 Jun 2023 06:10Z - NOAA/NESDIS/STAR - GOES-West - GEOCOLOR Composite - WUS

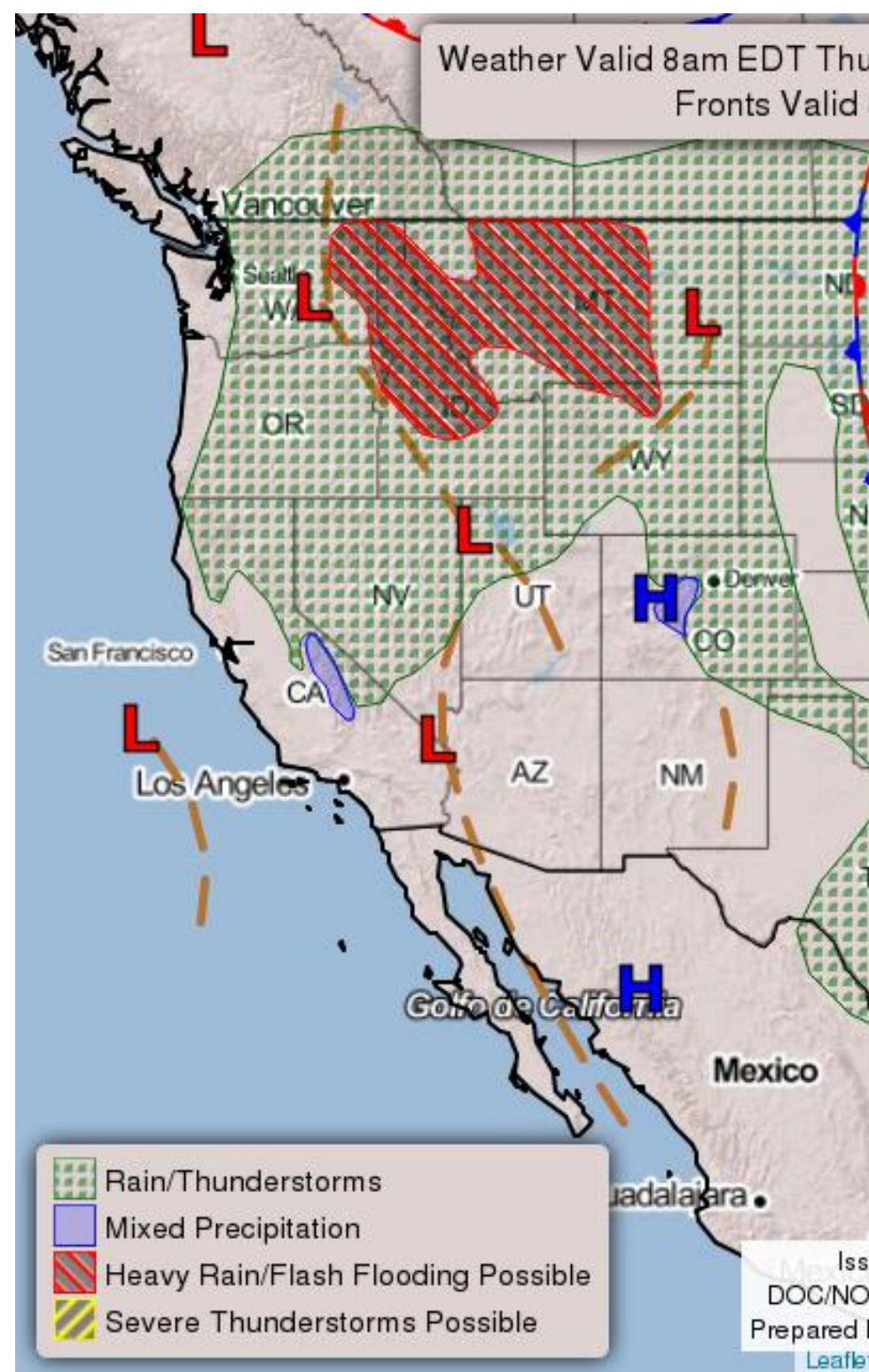


Increased storminess

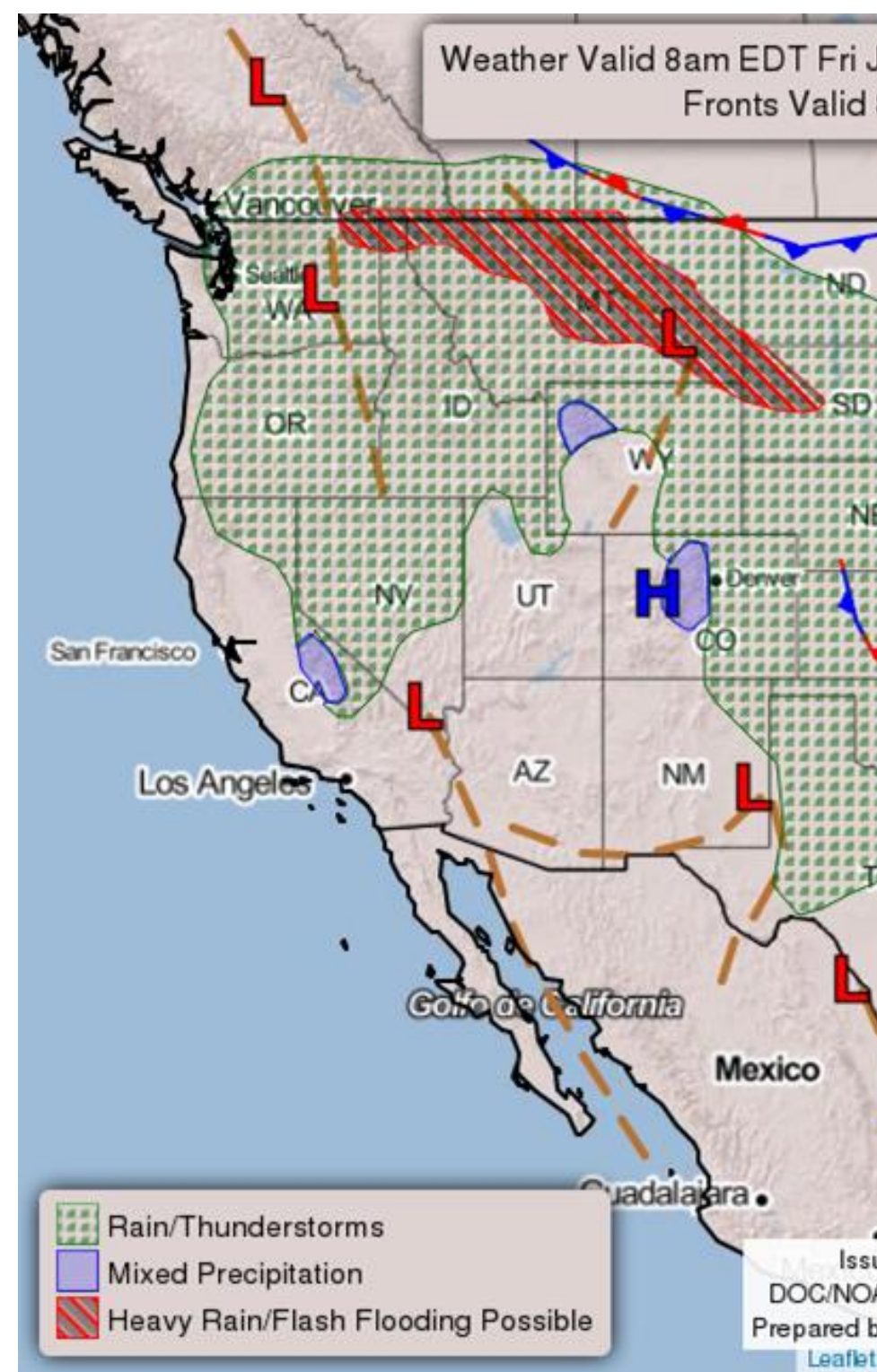
Chance for widespread rain and thunderstorms

Slightly cooler temperatures with cloudiness

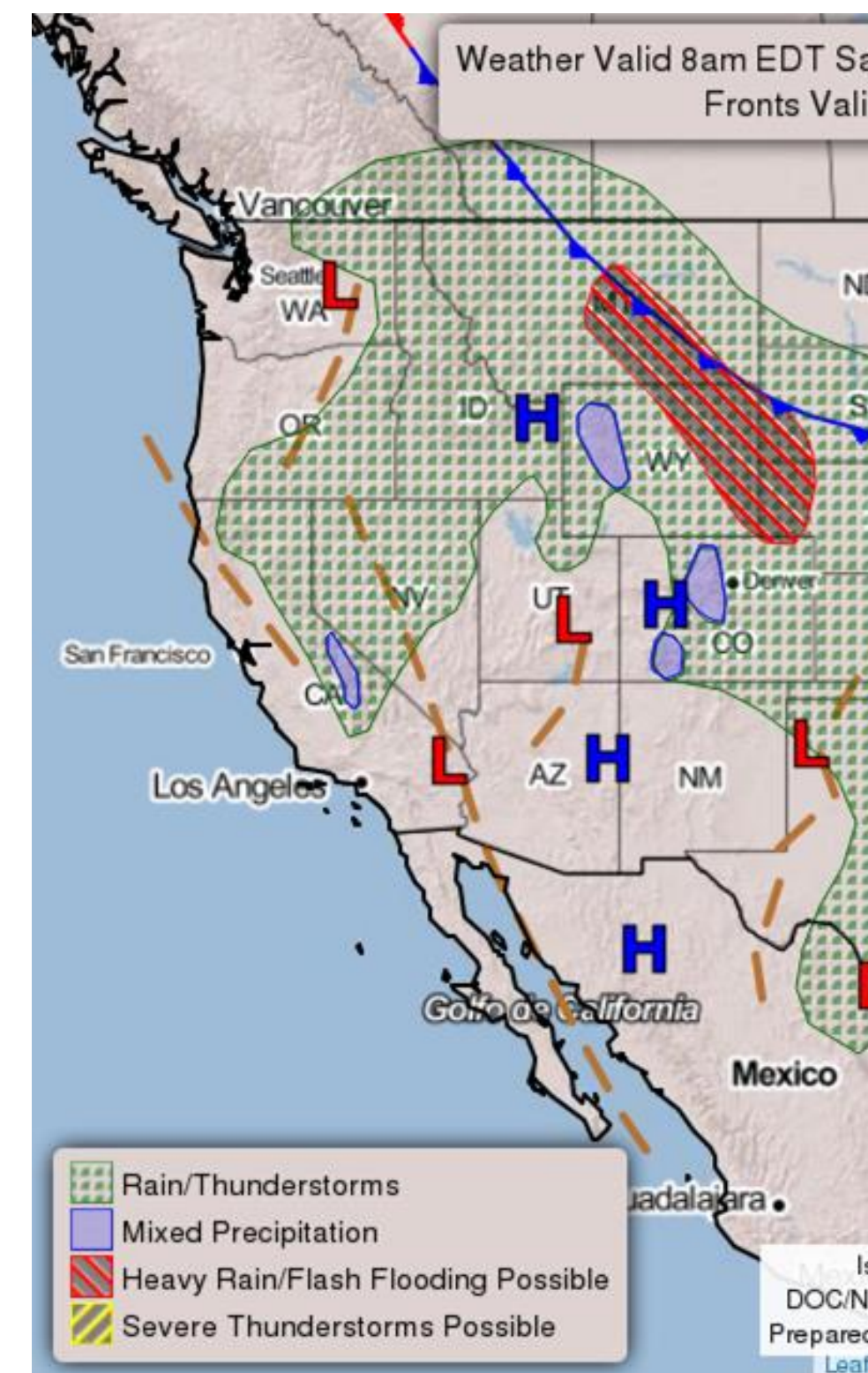
Today



Friday



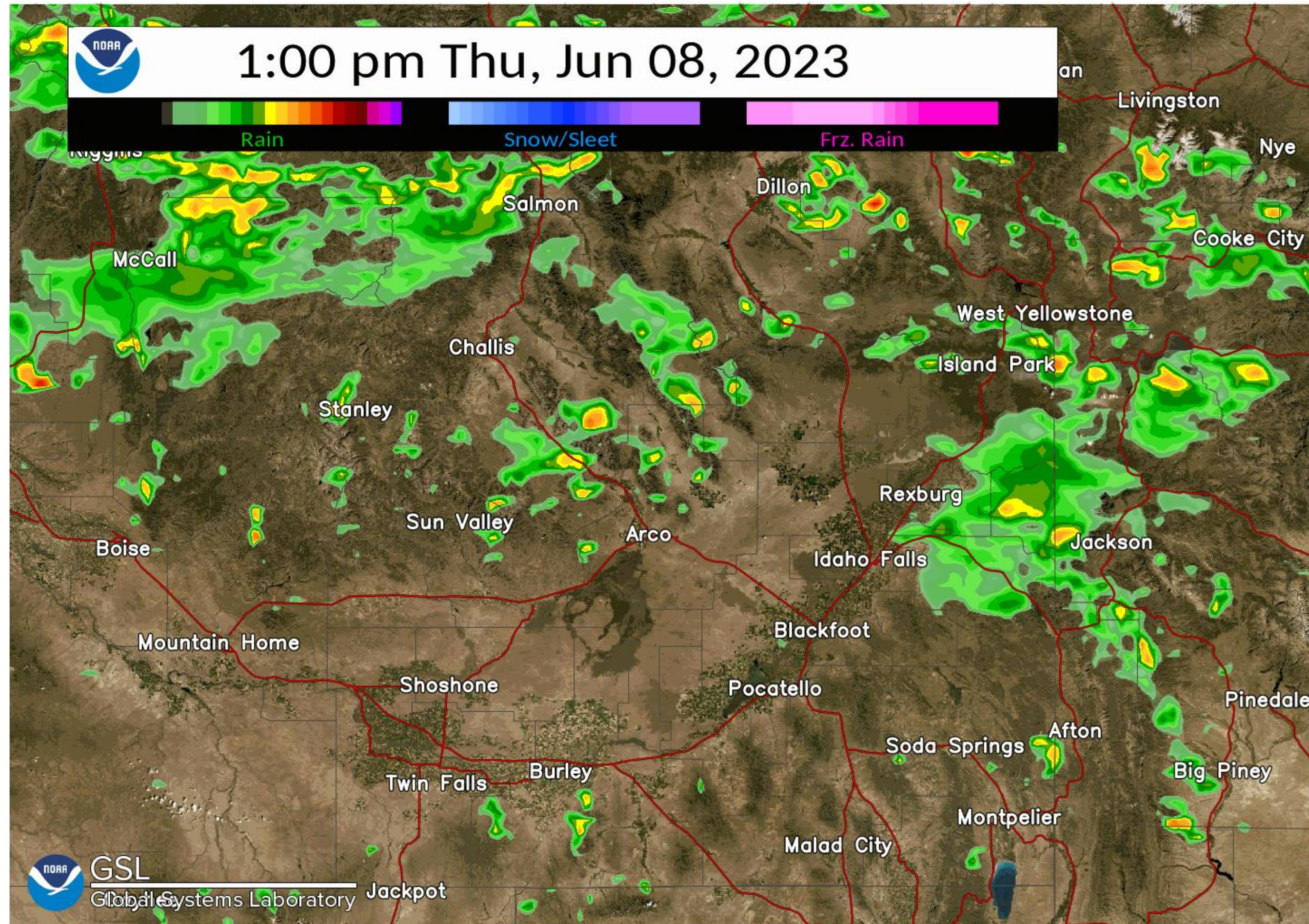
Saturday





Scattered Thunderstorms Today

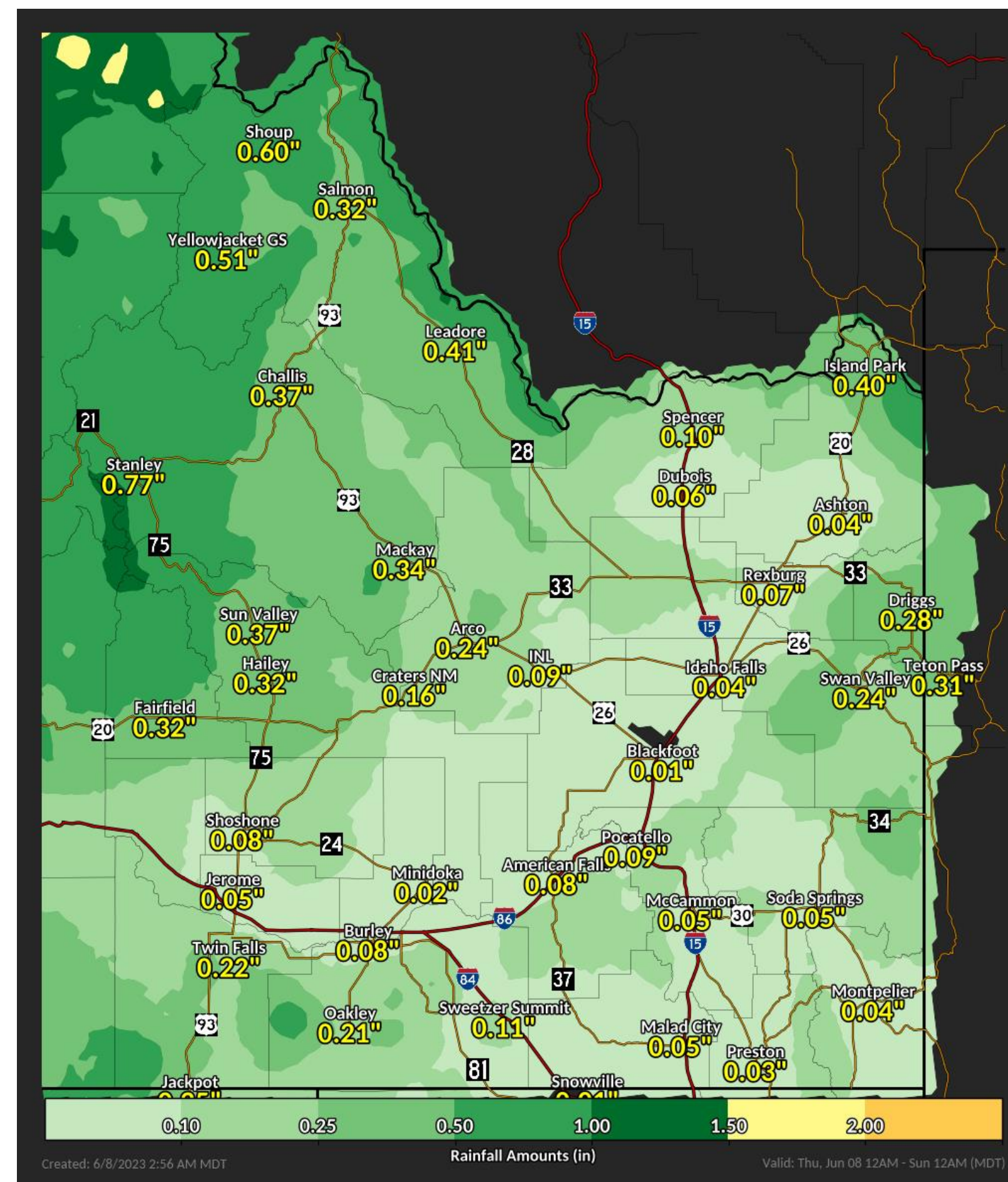
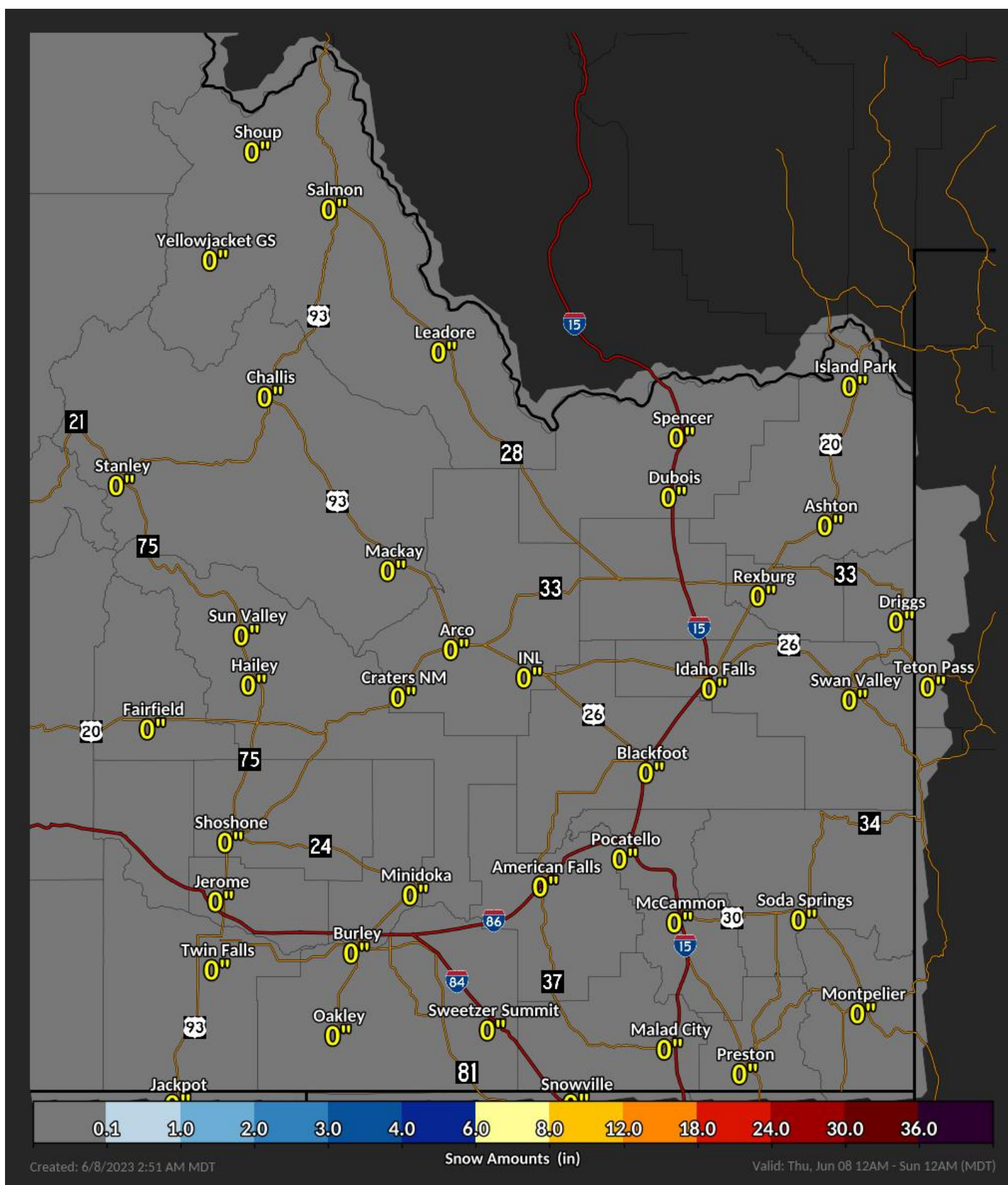
Weather Forecast Office
Pocatello, ID
Thursday, June 8





Precipitation through Sunday

Weather Forecast Office
Pocatello, ID
Thursday, June 8

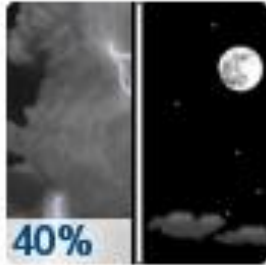
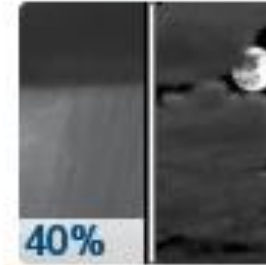




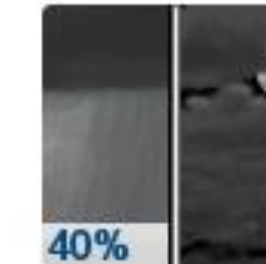
Short Term Forecast

Weather Forecast Office
Pocatello, ID
Thursday, June 8

High Elevation Forecast (Teton Pass)

Today	Tonight	Friday	Friday Night	Saturday	Saturday Night	Sunday	Sunday Night
							
Showers Likely	Scattered T-storms then Mostly Clear	Sunny then Scattered T-storms	Slight Chance T-storms then Partly Cloudy	Mostly Sunny then Chance T-storms	Slight Chance T-storms then Partly Cloudy	Mostly Sunny then Showers Likely	Chance Showers then Mostly Cloudy
High: 65 °F	Low: 41 °F	High: 68 °F	Low: 44 °F	High: 69 °F	Low: 45 °F	High: 71 °F	Low: 45 °F

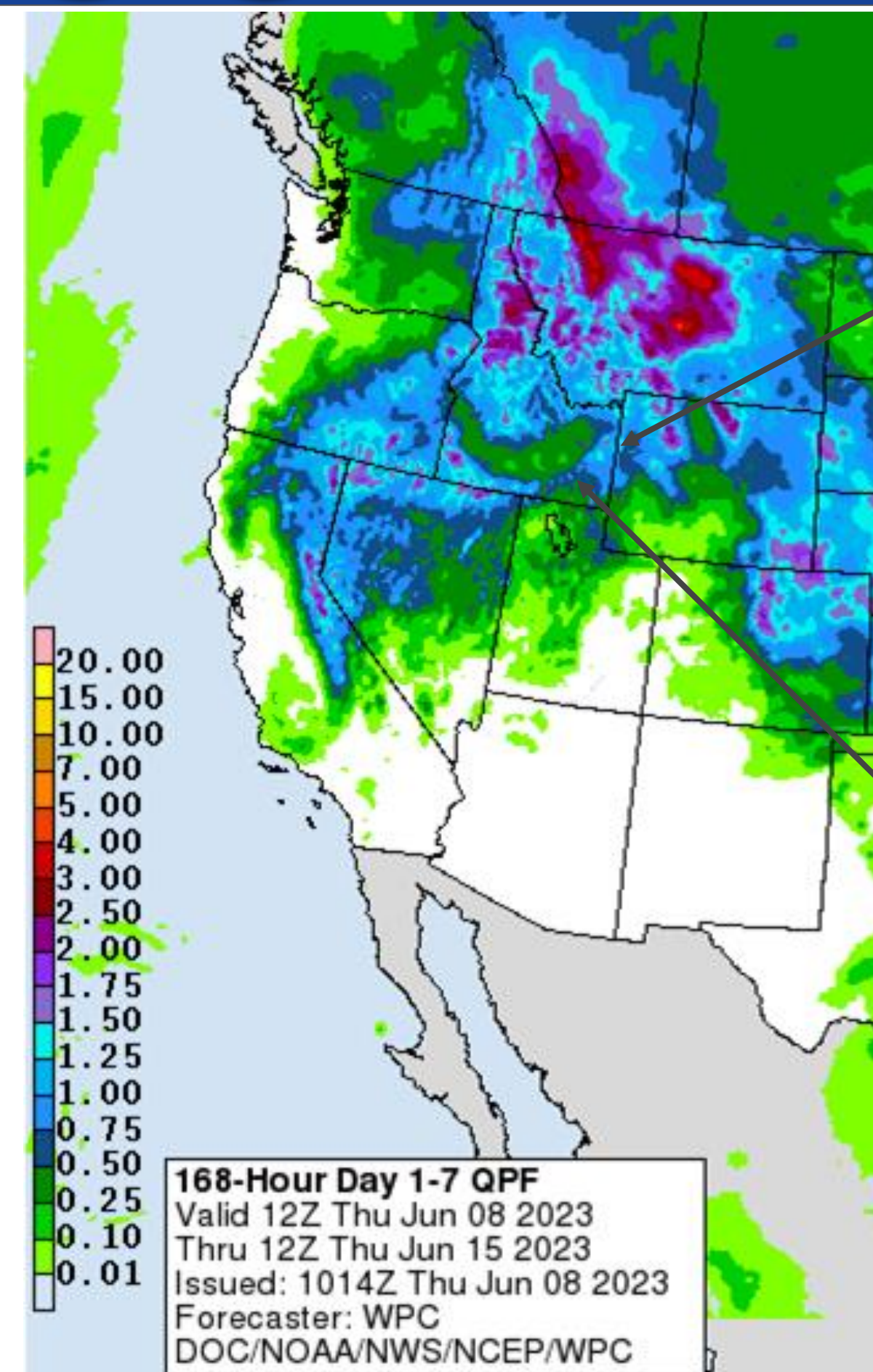
Low Elevation Forecast (Pocatello)

Today	Tonight	Friday	Friday Night	Saturday	Saturday Night	Sunday	Sunday Night
							
Mostly Cloudy then Chance T-storms	Chance Showers then Mostly Clear	Sunny then Chance Showers	Mostly Clear	Sunny then Slight Chance T-storms	Partly Cloudy	Sunny then Slight Chance T-storms	Chance Showers then Mostly Cloudy
High: 79 °F	Low: 53 °F	High: 78 °F	Low: 53 °F	High: 79 °F	Low: 54 °F	High: 82 °F	Low: 53 °F

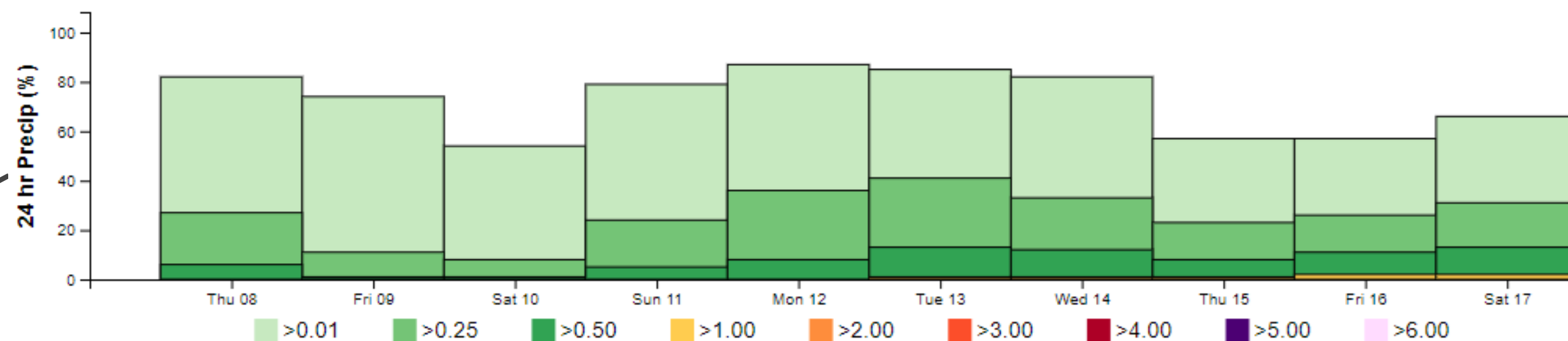


7 Day Precipitation and Snow Forecast

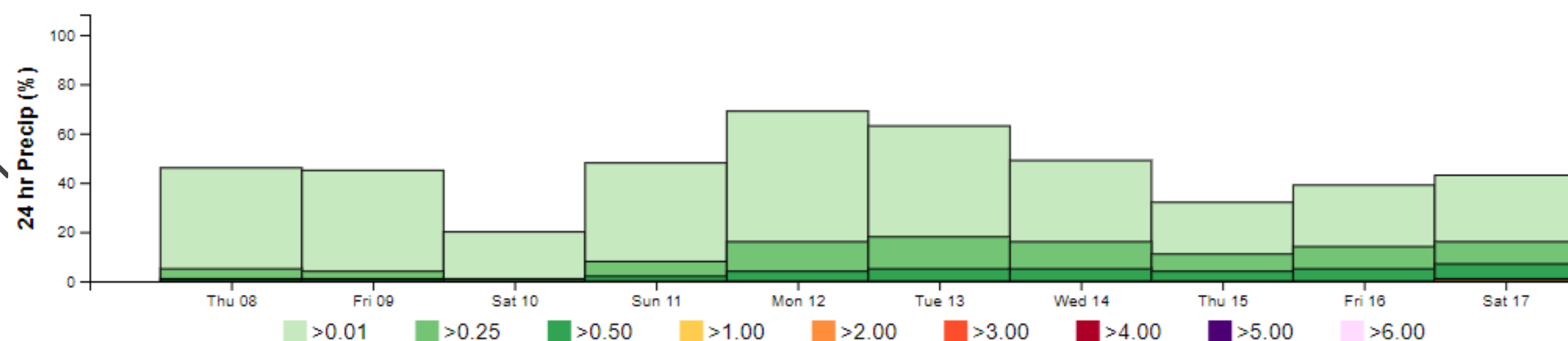
Weather Forecast Office
Pocatello, ID
Thursday, June 8



Teton Pass



Pocatello



Showers and Thunderstorms
Today and Friday

Dry Saturday

Showers and Thunderstorms Return Most of Next Week



Next Week

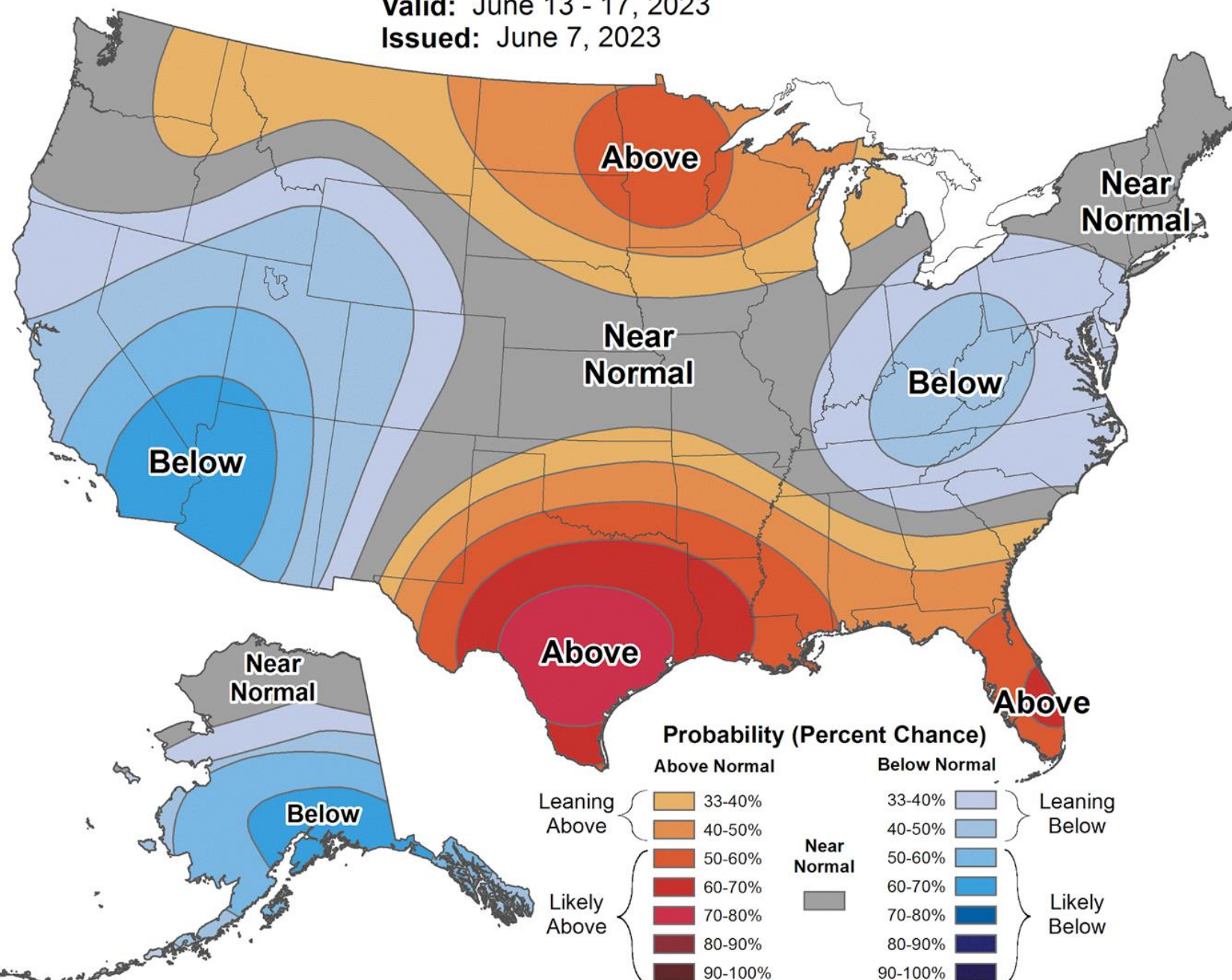
Weather Forecast Office
Pocatello, ID
Thursday, June 8



6-10 Day Temperature Outlook



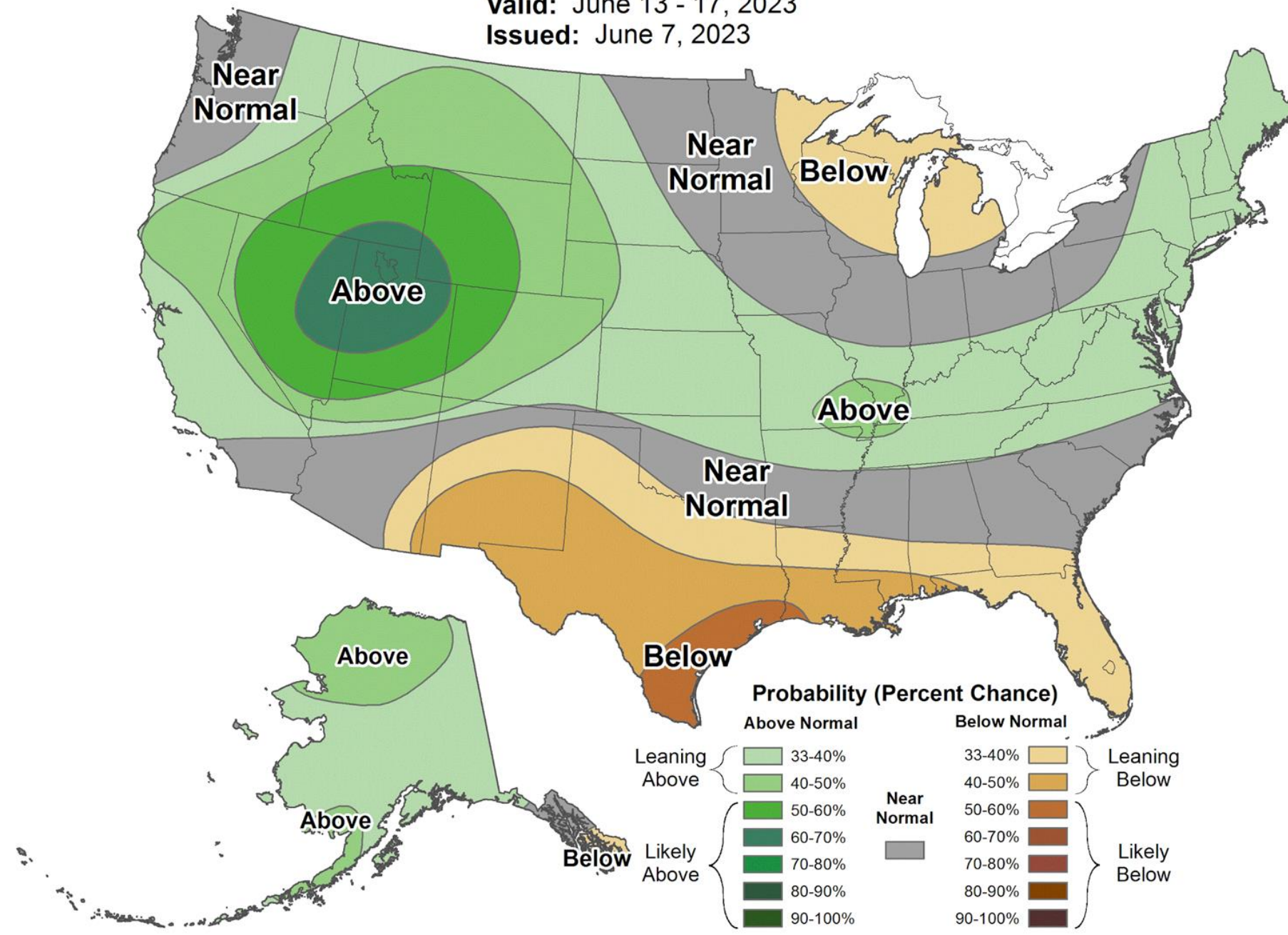
Valid: June 13 - 17, 2023
Issued: June 7, 2023



6-10 Day Precipitation Outlook



Valid: June 13 - 17, 2023
Issued: June 7, 2023





Next Weekend

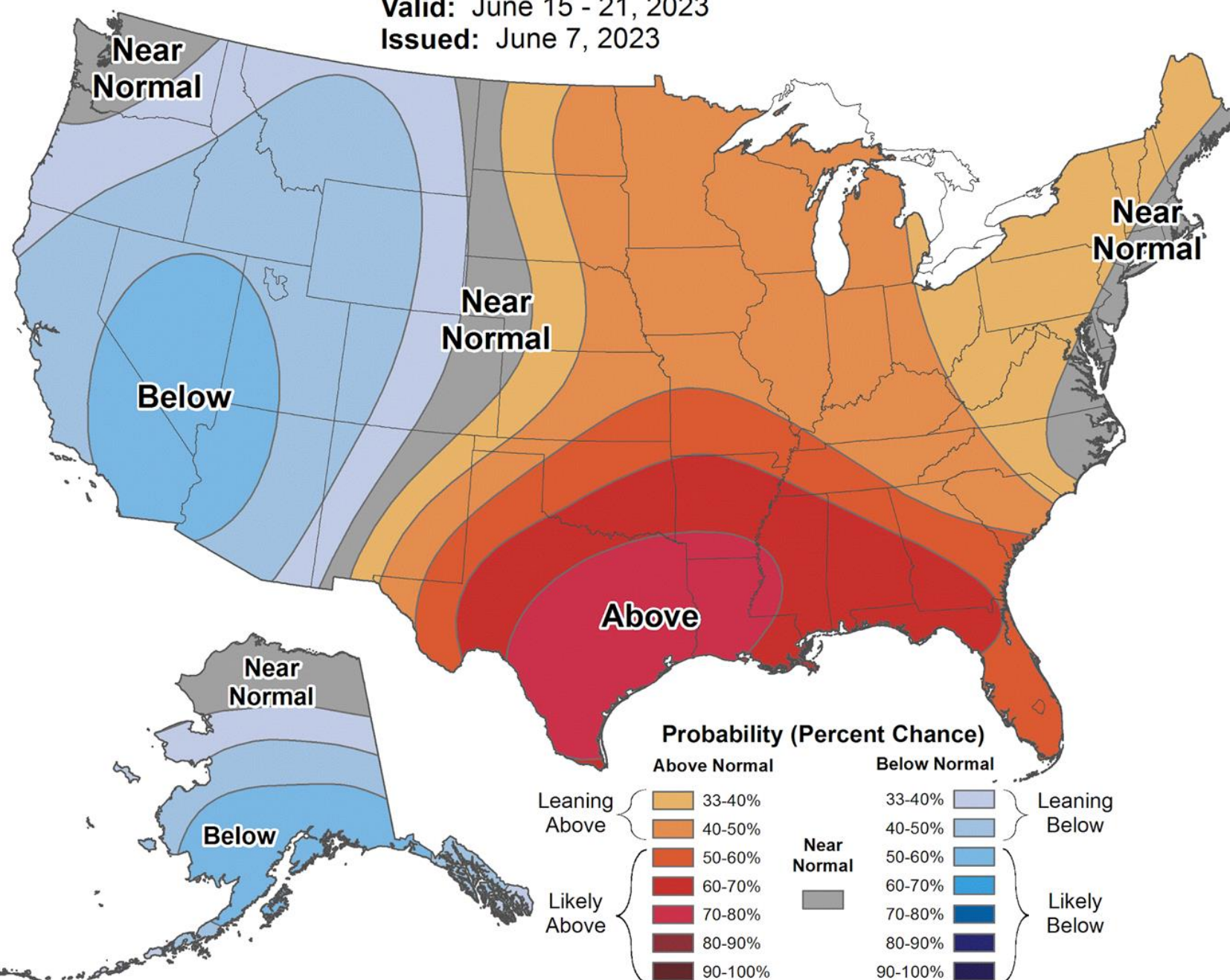
Weather Forecast Office
Pocatello, ID
Thursday, June 8



8-14 Day Temperature Outlook



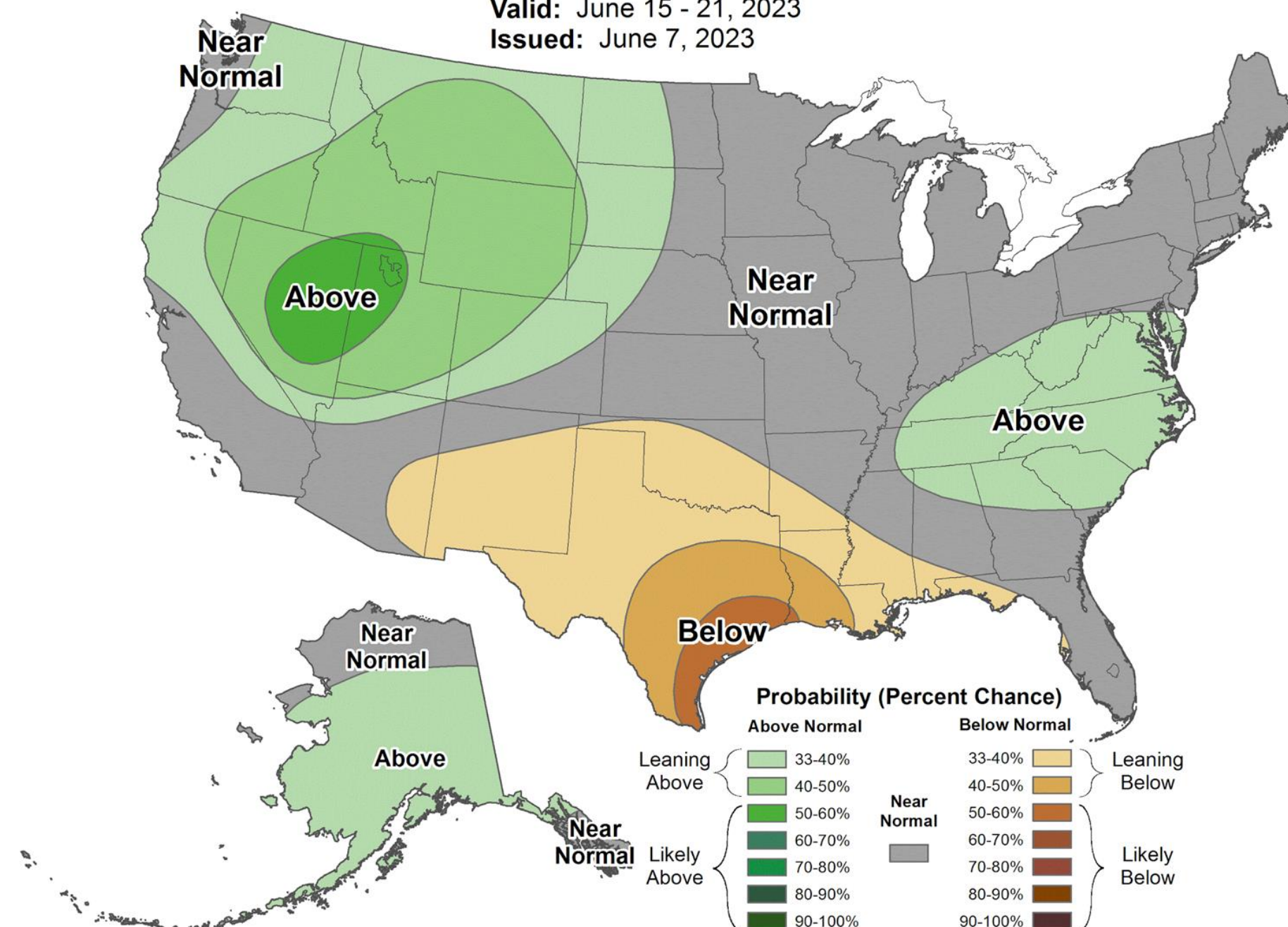
Valid: June 15 - 21, 2023
Issued: June 7, 2023



8-14 Day Precipitation Outlook



Valid: June 15 - 21, 2023
Issued: June 7, 2023





Summer

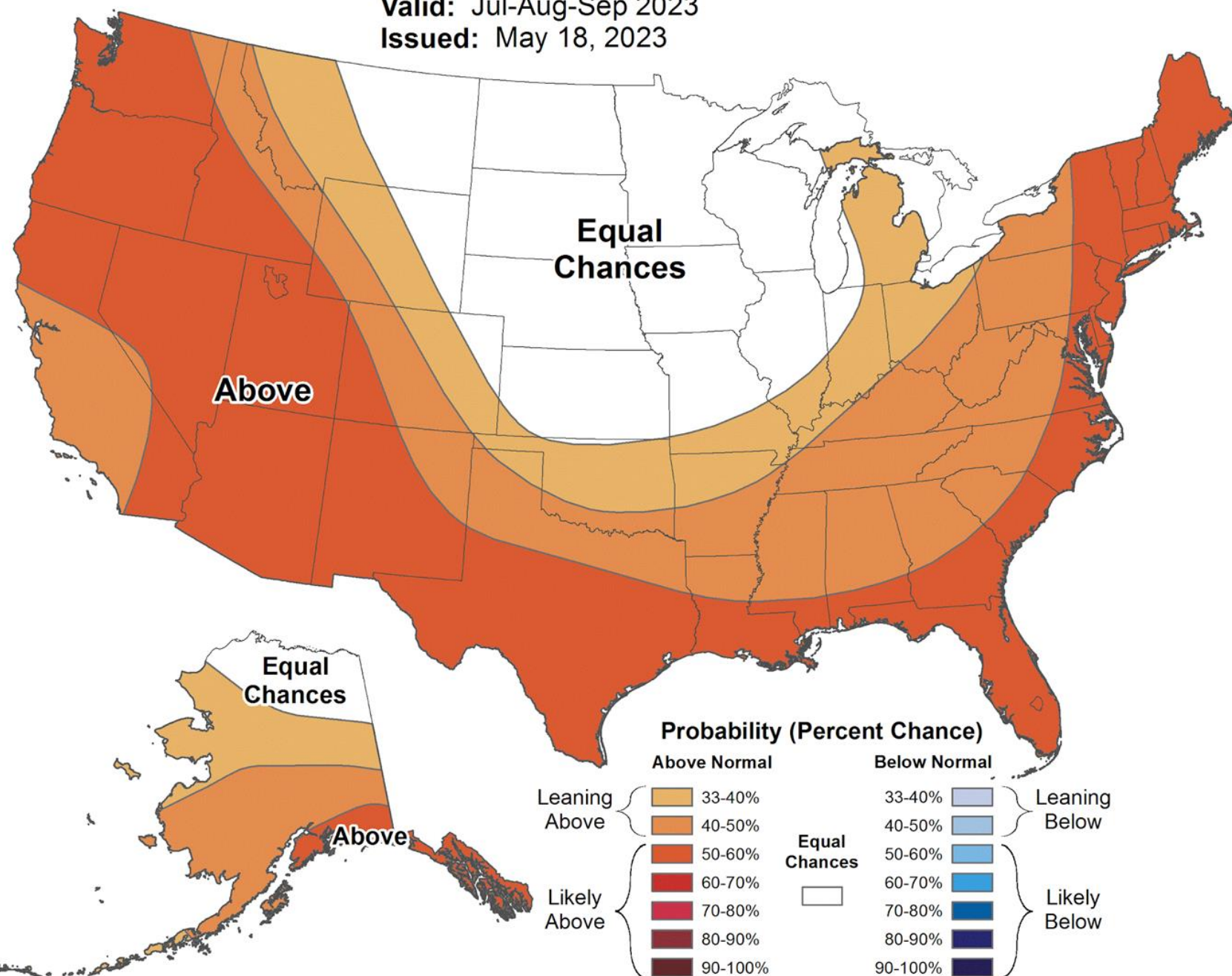
Weather Forecast Office
Pocatello, ID
Thursday, June 8



Seasonal Temperature Outlook



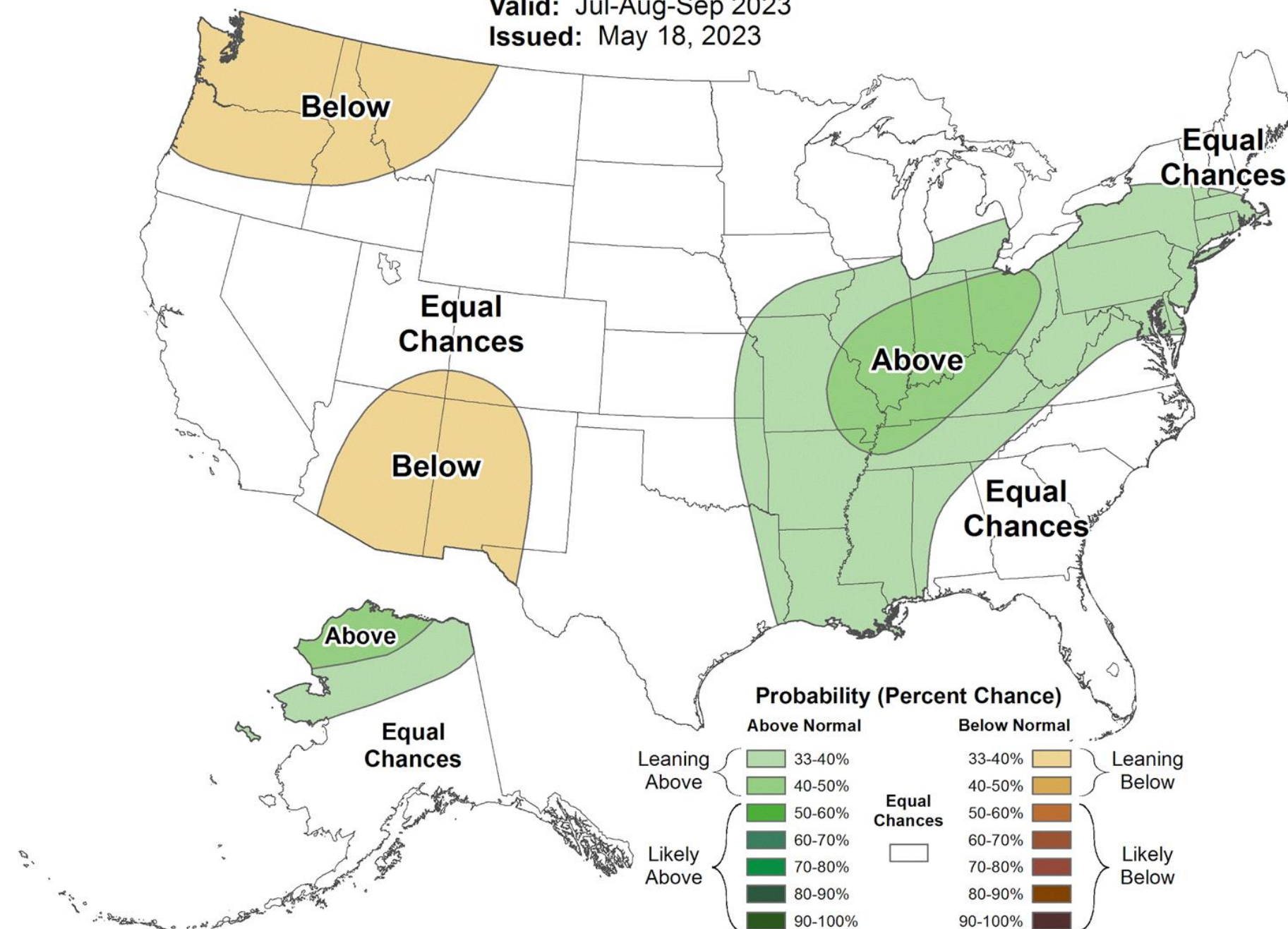
Valid: Jul-Aug-Sep 2023
Issued: May 18, 2023



Seasonal Precipitation Outlook



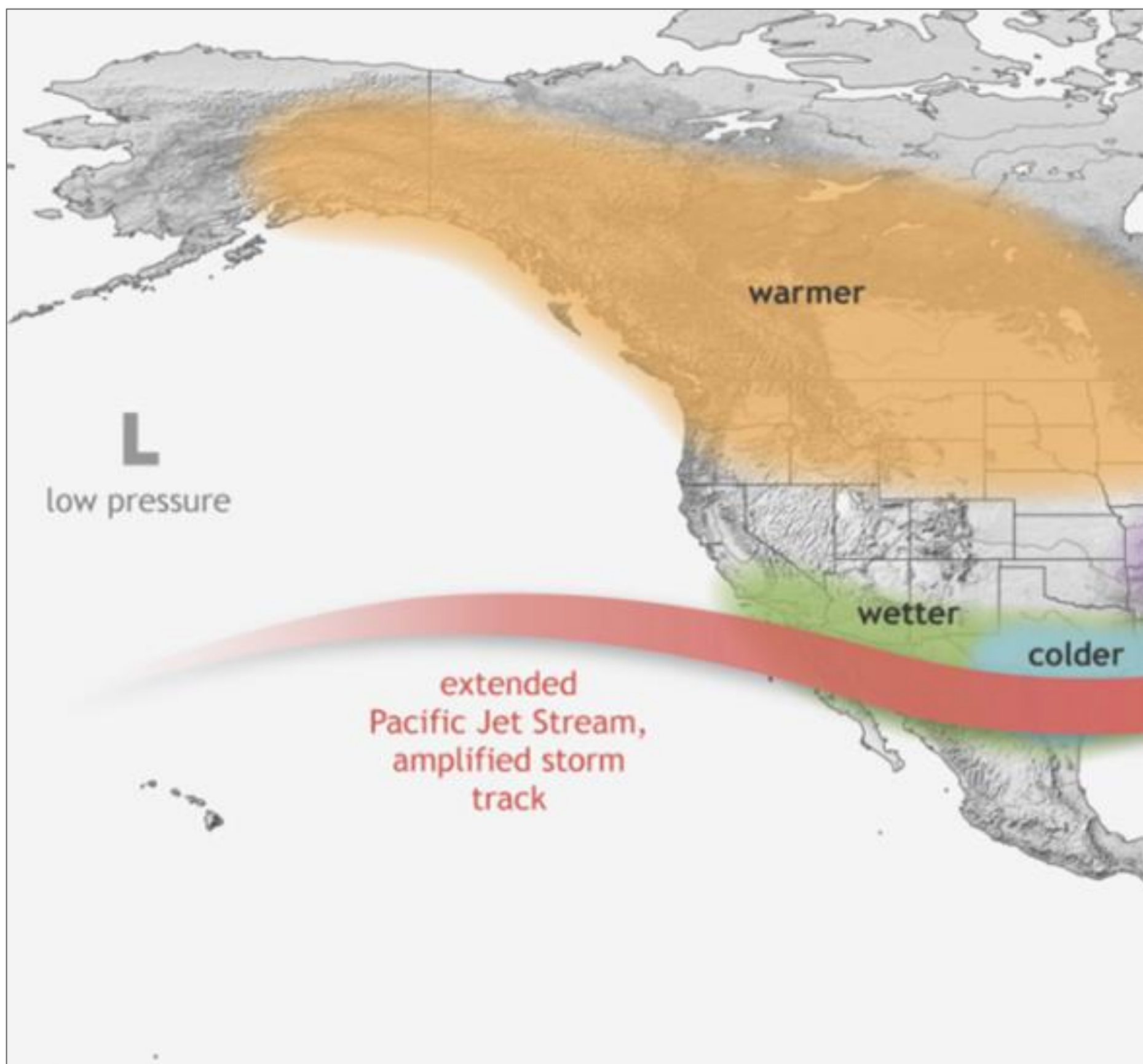
Valid: Jul-Aug-Sep 2023
Issued: May 18, 2023





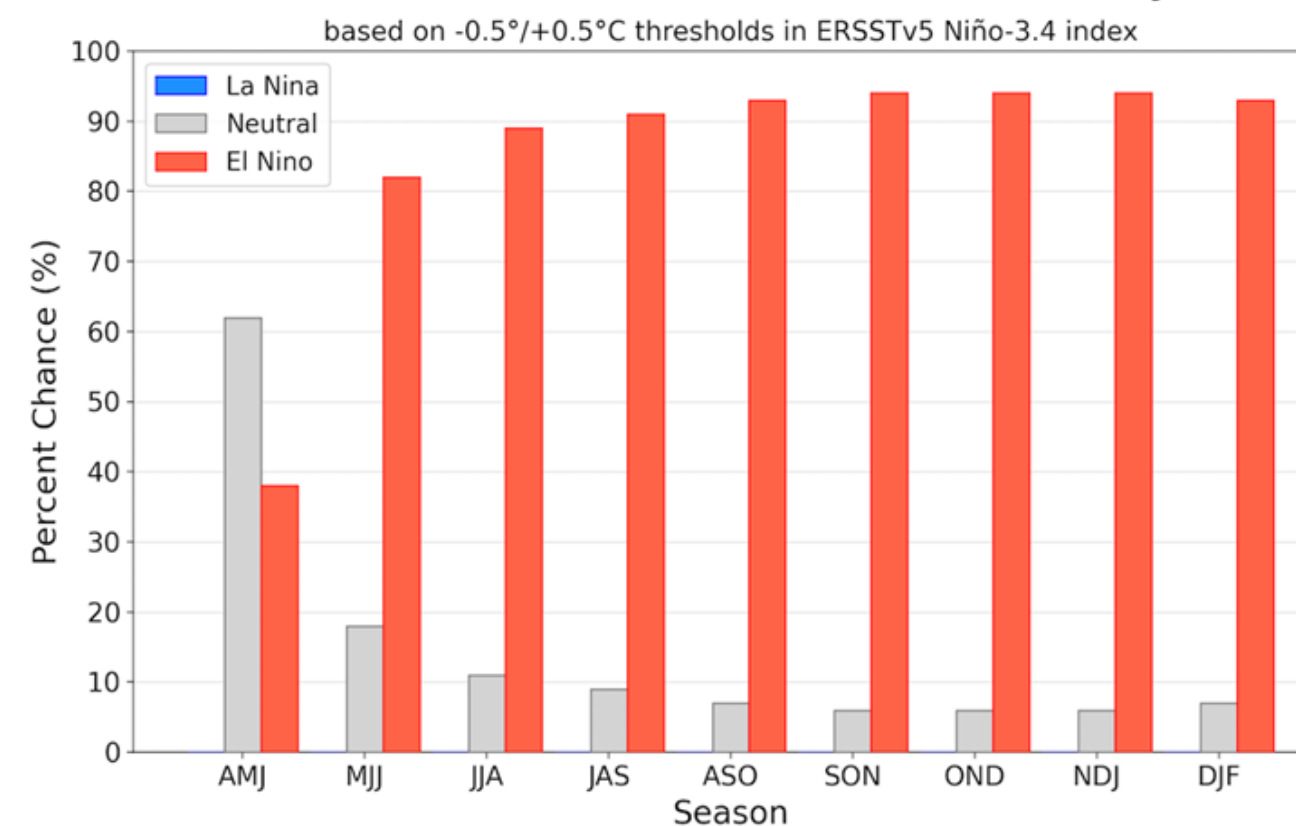
Transition to El Nino Beginning

Weather Forecast Office
Pocatello, ID
Thursday, June 8



Year	DJF	JFM	FMA	MAM	AMJ	MJJ	JJA	JAS	ASO	SON	OND	NDJ
2011	-1.4	-1.2	-0.9	-0.7	-0.6	-0.4	-0.5	-0.6	-0.8	-1.0	-1.1	-1.0
2012	-0.9	-0.7	-0.6	-0.5	-0.3	0.0	0.2	0.4	0.4	0.3	0.1	-0.2
2013	-0.4	-0.4	-0.3	-0.3	-0.4	-0.4	-0.4	-0.3	-0.3	-0.2	-0.2	-0.3
2014	-0.4	-0.5	-0.3	0.0	0.2	0.2	0.0	0.1	0.2	0.5	0.6	0.7
2015	0.5	0.5	0.5	0.7	0.9	1.2	1.5	1.9	2.2	2.4	2.6	2.6
2016	2.5	2.1	1.6	0.9	0.4	-0.1	-0.4	-0.5	-0.6	-0.7	-0.7	-0.6
2017	-0.3	-0.2	0.1	0.2	0.3	0.3	0.1	-0.1	-0.4	-0.7	-0.8	-1.0
2018	-0.9	-0.9	-0.7	-0.5	-0.2	0.0	0.1	0.2	0.5	0.8	0.9	0.8
2019	0.7	0.7	0.7	0.7	0.5	0.5	0.3	0.1	0.2	0.3	0.5	0.5
2020	0.5	0.5	0.4	0.2	-0.1	-0.3	-0.4	-0.6	-0.9	-1.2	-1.3	-1.2
2021	-1.0	-0.9	-0.8	-0.7	-0.5	-0.4	-0.4	-0.5	-0.7	-0.8	-1.0	-1.0
2022	-1.0	-0.9	-1.0	-1.1	-1.0	-0.9	-0.8	-0.9	-1.0	-1.0	-0.9	-0.8
2023	-0.7	-0.4	-0.1	0.1								

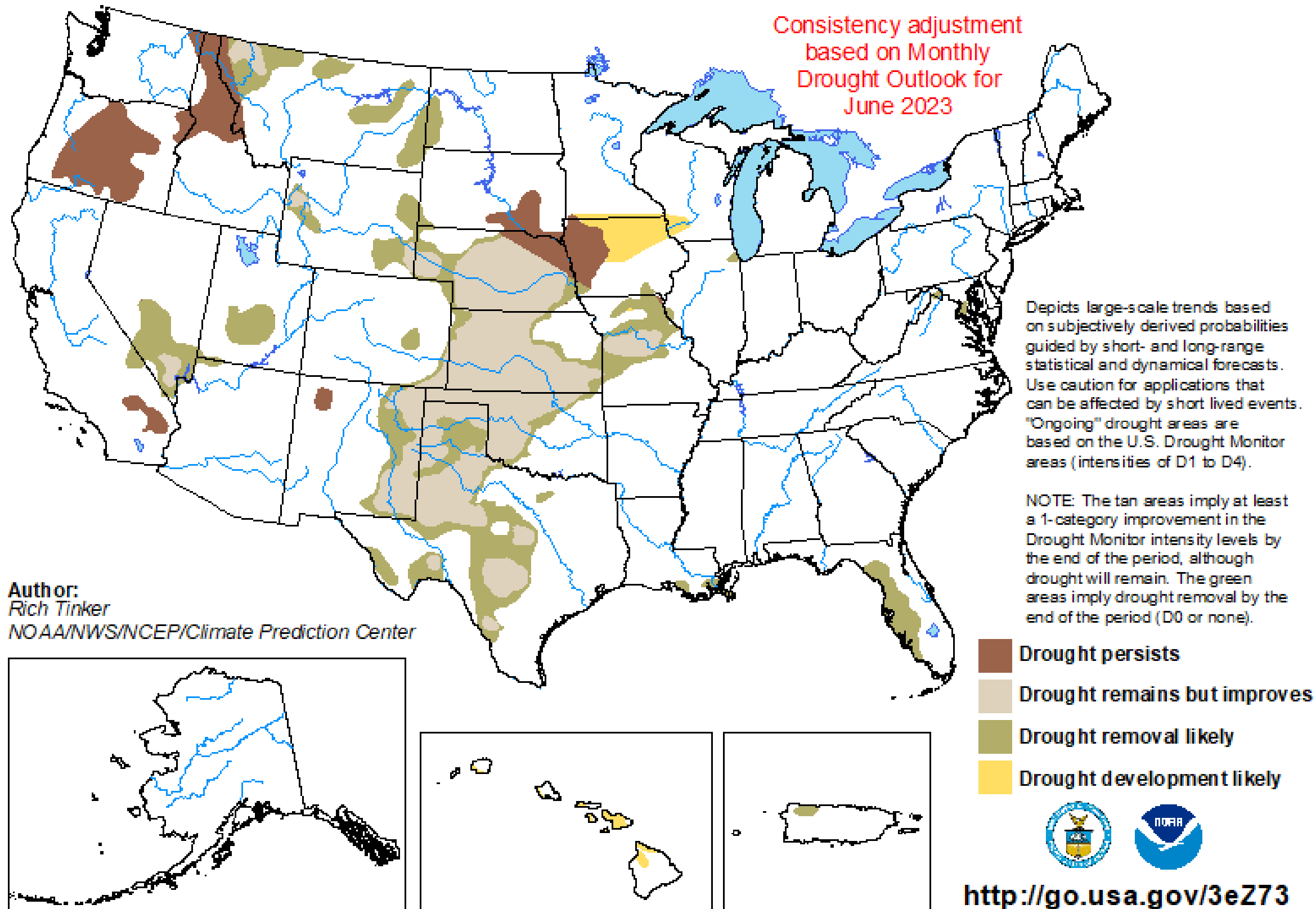
Official NOAA CPC ENSO Probabilities (issued May 2023)



U.S. Seasonal Drought Outlook Drought Tendency During the Valid Period

Valid for June 1 - August 31, 2023
Released May 31, 2023

Consistency adjustment
based on Monthly
Drought Outlook for
June 2023





Thank You Any Questions?



pocatello.weather@noaa.gov



208-233-0834



weather.gov/pocatello





ESPA Managed Recharge Program Update

Upper Snake River Advisory Committee Meeting

Neal Farmer

Recharge Program

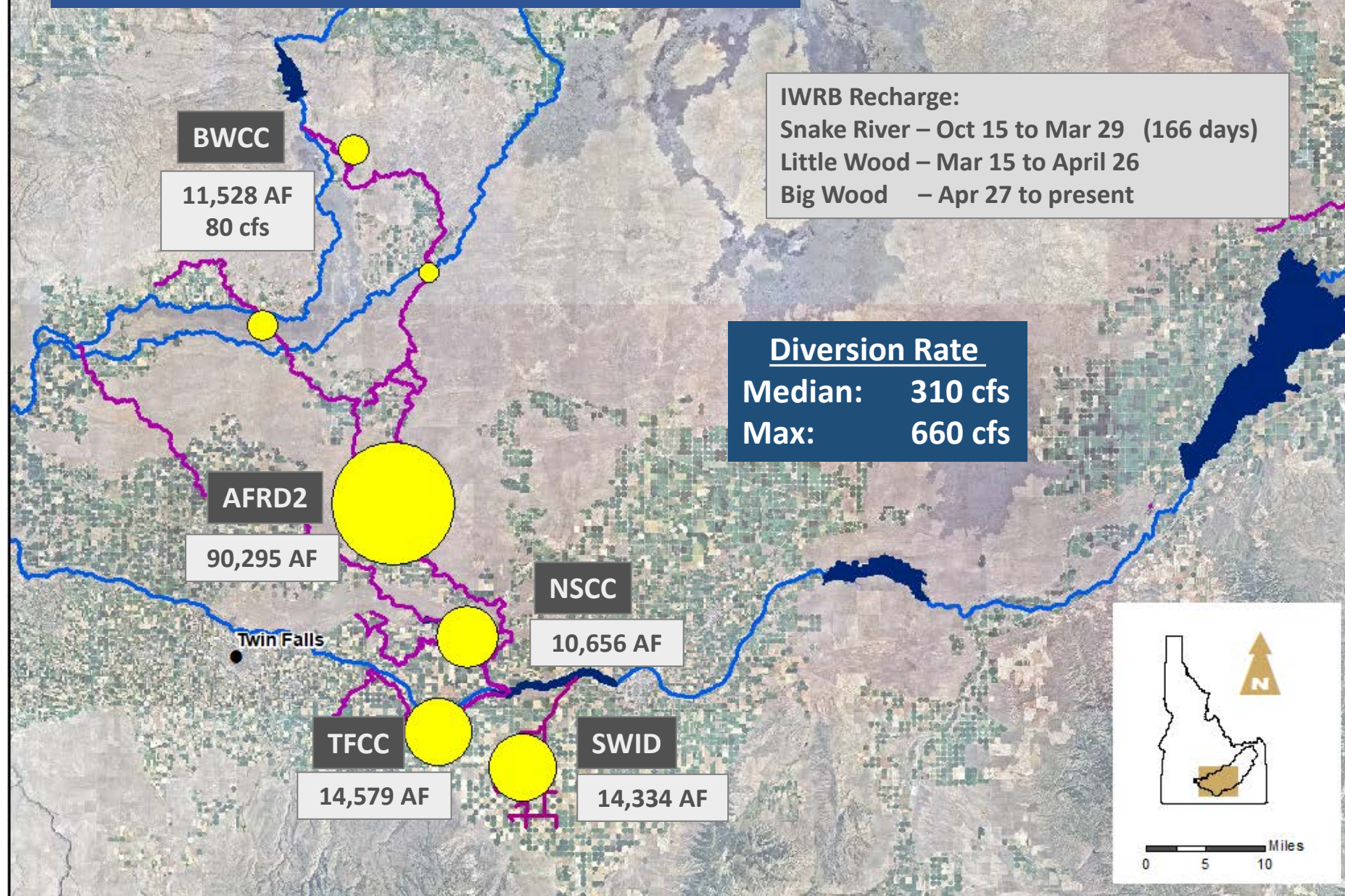
June 8, 2023



Updated as of
6/7/2023

Total Natural Flow Water Recharged

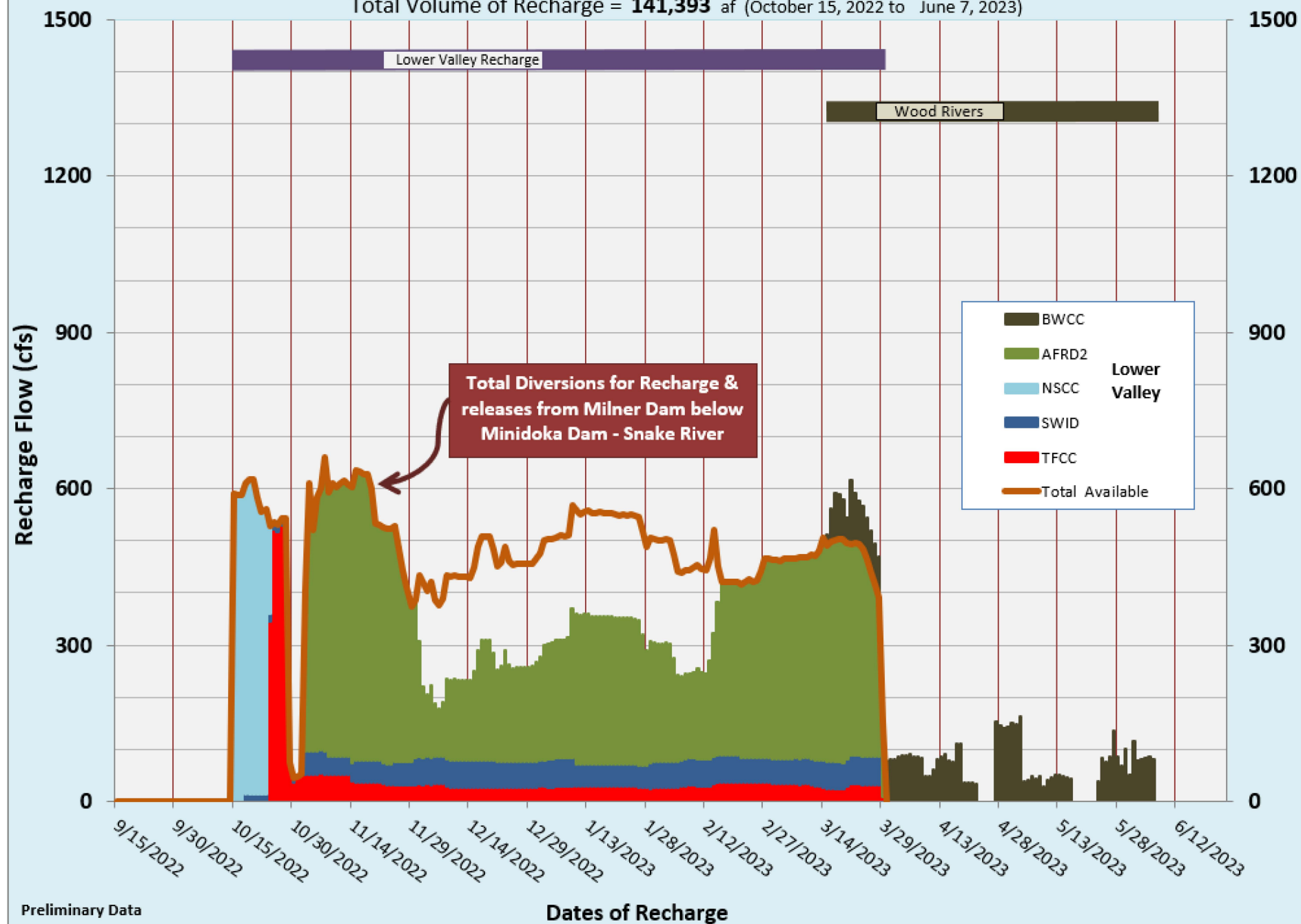
141,393 af (provisional)





IWRB Natural Flow Recharge - 2022/2023 Season

Total Volume of Recharge = **141,393** af (October 15, 2022 to June 7, 2023)



Questions?

