













WY Conditions & Outlooks:

Precipitation, Temperatures, Drought, Floods, & Everything In-between

March 21, 2024















Presentation Outline

- Current Conditions: Overview
 - Drought, Temperature, Precipitation, Soils, Snow Water Equivalent (SWE)
 - Streamflows
 - Reservoir Levels
- Outlooks:
 - Temperature & Precipitation
 - Water Supply & Flood Risk
- Highlight of the Month:
 - An Overview of the NWS National Water Prediction Service
- Questions















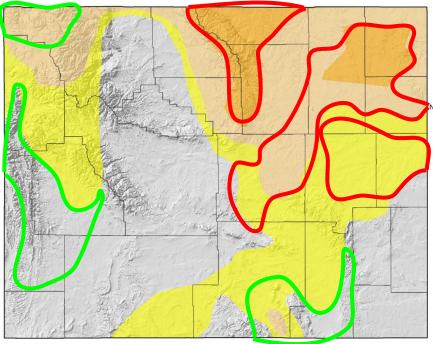
Current Conditions



US Drought Monitor for March 19, 2024

(Released Thursday, March 21st, 2024) Valid 8 a.m. EDT

US Drought Monitor for 19 Mar 2024





Map Created by: National Drought Mitigation Center https://droughtmonitor.unl.edu







Map Layout Prepared by:
Wyoming State Climate Office
http://www.wrds.uwvo.edu



The U.S. Drought Monitor, is a weekly map of drought conditions produced jointly by the National Oceanic and Atmospheric Administration, the U.S. Department of Agriculture, and the National Drought Mitigation Center (NDMC) at the University of Nebraska-Lincoln. The U.S. Drought Monitor website is hosted and maintained by the NDMC, http://droughtmonitor.unl.edu

Map Layout Created 21 Mar 2024 http://www.wrds.uwyo.edu

Drought Level	Percentile
None	>30
D0 (Abnormally Dry)	21 to 30
D1 (Moderate Drought)	11 to 20
D2 (Severe Drought)	6 to 10
D3 (Extreme Drought)	3 to 5
D4 (Exceptional Drought)	0 to 2

How are Drought categories assigned? https://youtu.be/45MQ1GB-uTc

Degradations since the last webinar. Continued decline in conditions in the northwestern part of the state with some Improvements in the southcentral to southeast as well as in the west.





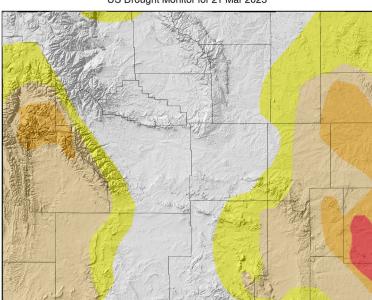






One Year Ago

US Drought Monitor for 21 Mar 2023



US Drought Monitor 24.97% D1 Moderate Drought 22.14% D2 Severe Drought 6.45% D3 Extreme Drought

Map Created by: National Drought Mitigation Cente https://droughtmonitor.unl.edu







Map Layout Prepared by: Wyoming State Climate Offic http://www.wrds.uwyo.edu

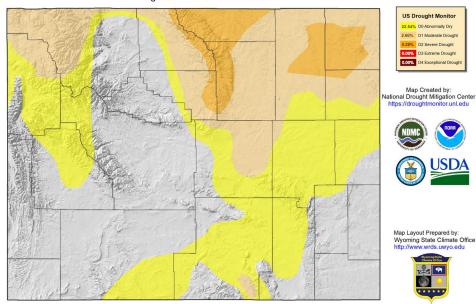


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Map Layout Created 23 Mar 2023 http://www.wrds.uwyo.edu

Today

US Drought Monitor for 19 Mar 2024



The U.S. Drought Monitor, is a weekly map of drought conditions produced jointly by the National Oceanic and Atmospheric Administration, the U.S. Department of Agriculture, and the National Drought Mitigation Center (NDMC) at the University of Nebraska-Lincoln, The U.S. Drought Monitor website is hosted and maintained by the NDMC. http://droughtmonitor.unl.edu

Map Layout Created 21 Mar 2024 http://www.wrds.uwyo.edu









US Drought Monitor

22.54% D0 Abnormally Dry 2.66% D1 Moderate Drought

0.29% D2 Severe Drought

0.00% D3 Extreme Drought

0.00% D4 Exceptional Drought

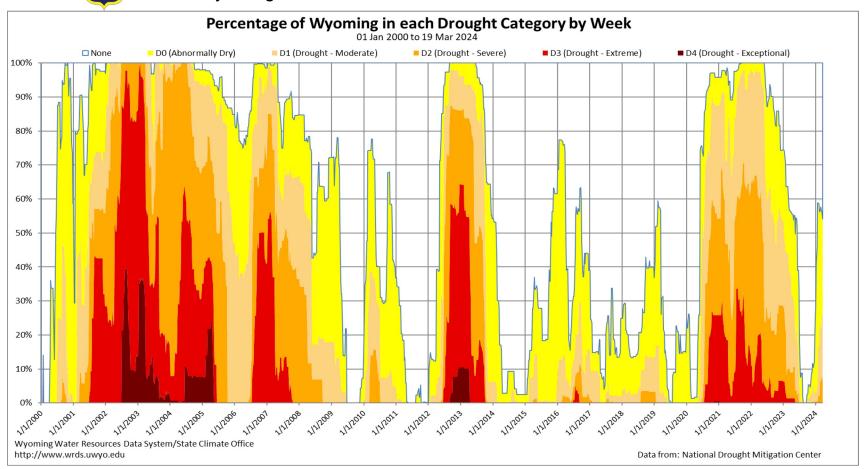
https://droughtmonitor.unl.edu

Map Layout Prepared by: Wyoming State Climate Office

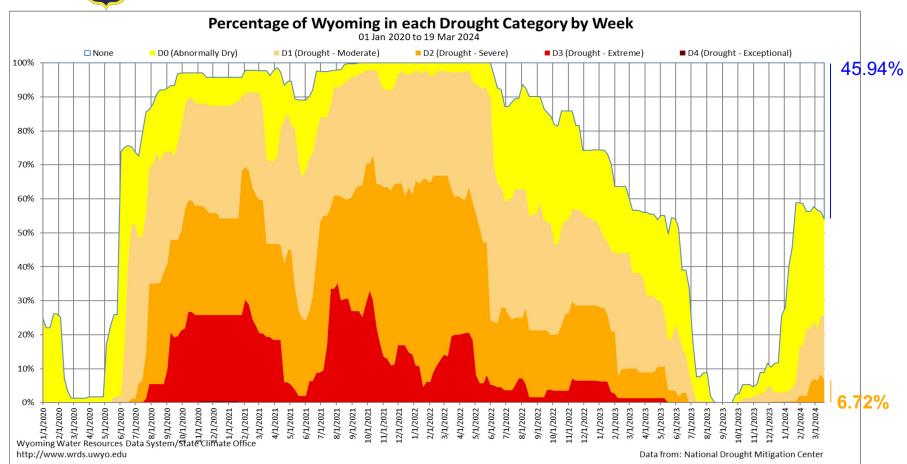
http://www.wrds.uwvo.edu



Wyoming Area Affected: 54.06% D0-D4; 25.52% D1-D4









14-Day Precipitation Percentile (07 Mar 2024 to 20 Mar 2024)

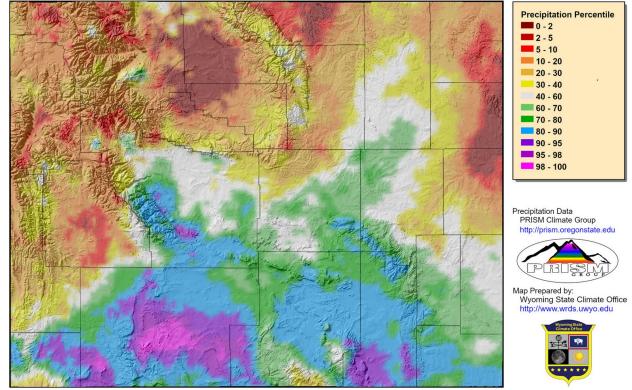
14-Day Precipitation (Percentile) for 07 Mar 2024 to 20 Mar 2024

Above Median:

South

Below Median (Areas of Concern):

- North
- Western



Provisional data, subject to revision

Daily precipitation data from PRISM Climate Group, Copyright ©2021, PRISM Climate Group, Oregon State University, http://prism.oregonstate.edu

Map Created 21 Mar 2024 http://www.wrds.uwyo.edu Daily percentiles created from PRISM daily precipitation grids



90-Day Precipitation Percentile (22 Dec 2023 to 20 Mar 2024)

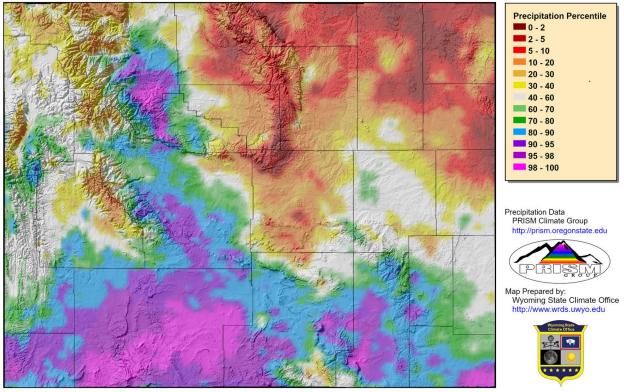
90-Day Precipitation (Percentile) for 22 Dec 2023 to 20 Mar 2024

Above Median:

- South
- Fremont County
- Western Hot Springs County
- Southeastern Park County

Below Median (Areas of Concern):

 Northeast quarter excepting some of Converse and southeastern Natrona Counties



Provisional data, subject to revision

Daily precipitation data from PRISM Climate Group, Copyright ©2021, PRISM Climate Group, Oregon State University, http://prism.oregonstate.edu

Map Created 21 Mar 2024 http://www.wrds.uwyo.edu
Daily percentiles created from PRISM daily precipitation grids

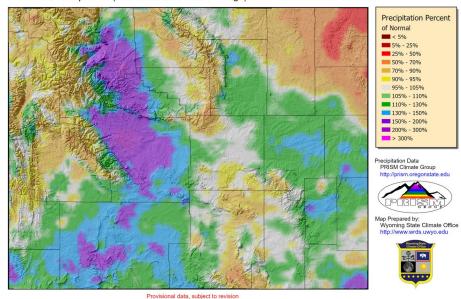


Daily averages created from PRISM daily precipitation grids

"Year"-to-Date Precipitation (Percent of Average)

Current Water Year

Water-Year Precipitation (Percent of 1991-2020 Average) for 01 Oct 2023 to 20 Mar 2024

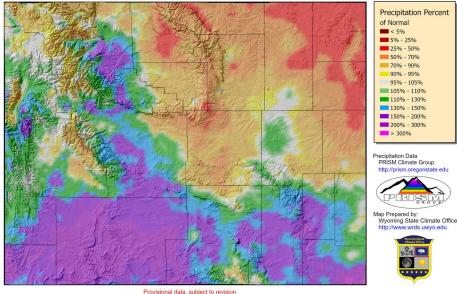


Monthly and Normal precipitation data from PRISM Climate Group, Copyright ©2024, PRISM Climate Group, Oregon State University, http://piism.oregonstate.edu
Map Created 21 Mar 2024 http://www.wrds.uwyo.edu

Note: a water year is October 1 through September 30 of the following year.

Current Calendar Year

Calendar-Year Precipitation (Percent of 1991-2020 Average) for 01 Jan 2024 to 20 Mar 2024



Provisional data, subject to revision

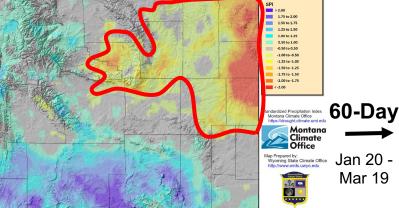
Monthly and Normal precipitation data from PRISM Climate Group, Copyright ©2024, PRISM Climate Group, Oregon State University, http://jorsim.oregonstate.edu
Map Created 21 Mar 2024 http://www.wrds.uwyo.edu
Daily averages created from PRISM daily precipitation grids

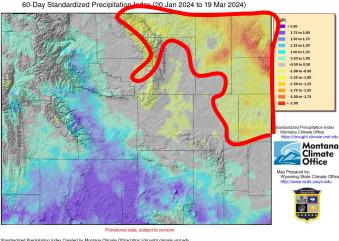


30-Day

Feb 19 - Mar 19

30-Day Standardized Precipitation Index (19 Feb 2024 to 19 Mar 2024)





Standardized Precipitation Index Created by Montana Climate Office https://drought.climate.umt.edu

Map Created 21 Mar 2024 http://www.wrds.uwvo.edu

Standardized Precipitation Index (SPI)

Standardized Precipitation Index Created by Montana Climate Office https://drought.climate.umt.edu

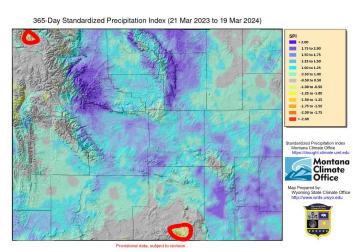
Short term: South and west median to wet.

Man Created 21 May 2024 http://www.worle.com/o.edu

northeast dry

Long term: Most of the state on the wet side – with the northwest and southcentral more around the median.

1-Year

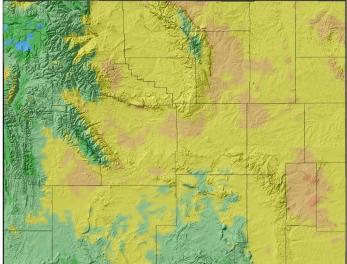


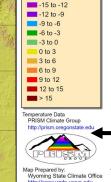
Standardized Precipitation Index Created by Montana Climate Office https://drought.climate.umt.edu Man Created 21 Mar 2024 http://www.wrds.iiwvo.edu



14-Day Average Minimum Temperature (07 Mar to 20 Mar)

- Lows below freezing but approaching 32F in parts of SE
- Western Wyoming coolest except for BH and SM/SR 14-Day Average Minimum Temperature (Departure from 1991-2020 Average) for 07 Mar 2024 to 20 Mar 2024

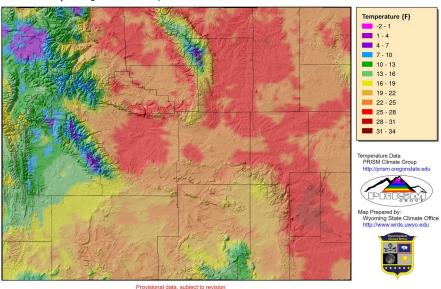




Temperature Departure from Normal (F)

Complete Com

Daily Temperature data from PRISM Climate Group, Copyright ©2021, PRISM Climate Group, Oregon State University, http://prism.oregonstate.edu Map Created 21 Mar 2024 http://www.wrds.uwyo.edu Temperature warease screated from PRISM daily temperature grids



Daily Temperature data from PRISM Climate Group, Copyright ©2021, PRISM Climate Group, Oregon State University, http://prism.oregonstate.edu Map Created 21 Mar 2024 http://www.wrds.uwyo.edu Temperature averages created from PRISM daily (memprature grids

14-Day Departure from Normal

Average Minimum Temperature

- West and southcentral up to 3F below average
- Far west and northwest as much as 6F below avq
- Remainder up to 3F above average with

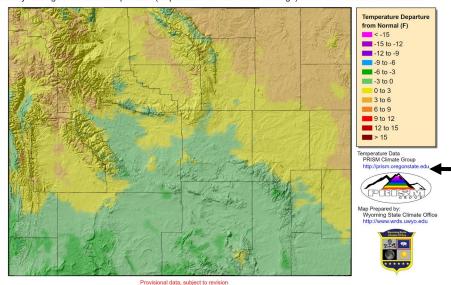


14-Day Average Maximum

Temperature (07 March to 20 March) • Highs above 32F except for highest elevations

- East/Northeast Bighorn Basin warmest

14-Day Average Maximum Temperature (Departure from 1991-2020 Average) for 07 Mar 2024 to 20 Mar 2024



Temperature Data PRISM Climate Group Wyoming State Climate Office Provisional data, subject to revision Daily Temperature data from PRISM Climate Group, Copyright @2021, PRISM Climate Group, Oregon State University, http://prism.oregonstate.edu Map Created 21 Mar 2024 http://www.wrds.uwyo.edu Temperature averages created from PRISM daily temperature grids

14- Day Departure from Normal

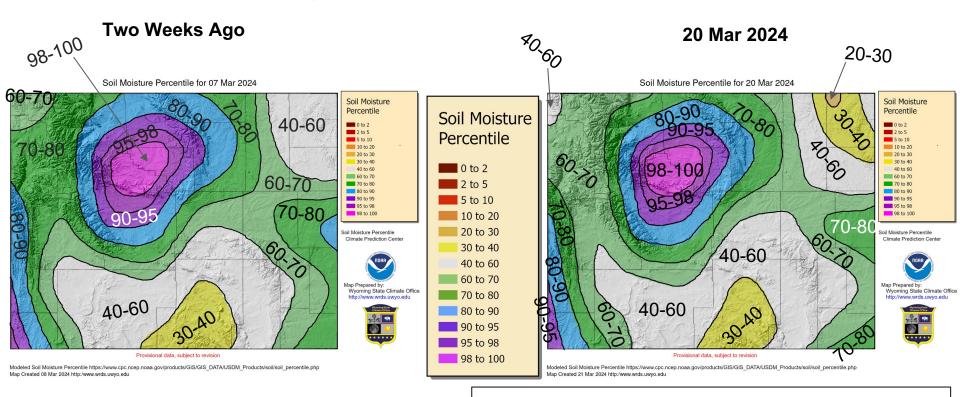
Average Maximum

Temperature (F) 23 - 26 26 - 29

- Northeast and parts of northeast and par
- South and central below average



Soil Moisture Percentile



Generally status quo or a decline in conditions across the state, notable declines in northwest and northeast.

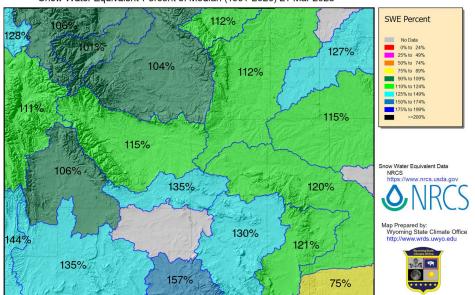
http://www.wrds.uwyo.edu/Soil/Current SoilMoisture Ptile.html



Basin Snow Water Equivalent (SWE) % of Median

21 Mar <u>2023</u> (One Year Ago)

Snow Water Equivalent Percent of Median (1991-2020) 21 Mar 2023



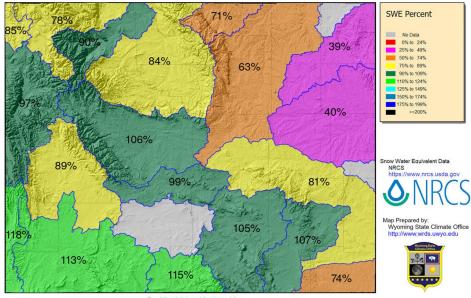
Provisional data, subject to revision

Basin Snow Water Equivalent Data from Natural Resources Conservation Service Water and Climate Center https://www.nrcs.usda.gov Map created by Wyoming State Climate Office 11 Apr 2023

* Percentages denoted by an asterisk represent data that may not provide a valid measure of conditions. This is most usually seen near the end of the snow season where normal values may be very low or the melt out curve is so steep that a slight variation in days may result in abnormally high or low

21 Mar 2024

Snow Water Equivalent Percent of Median (1991-2020) 21 Mar 2024



Provisional data, subject to revision

Basin Snow Water Equivalent Data from Natural Resources Conservation Service Water and Climate Center https://www.nrcs.usda.gov Map created by Wyoming State Climate Office 21 Mar 2024

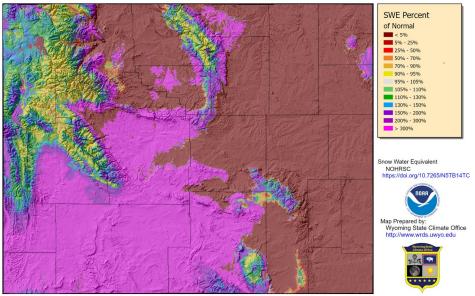
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Snow Water Equivalent (SWE) % of Average

21 Mar <u>2023</u> (One Year Ago)

Snow Water Equivalent Percent of Average (2004-2020) for 21 Mar 2023



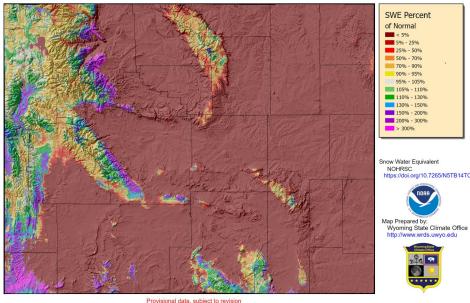
Provisional data, subject to revision

Modelled Snow Water Equivalent from National Operational Hydrologic Remote Sensing Center. 2004. Snow Data Assimilation System (SNODAS) Data Products at NSIDC, Version 1. Boulder, Colorado USA, NSIDC: National Snow and Ice Data Center. doi: https://doi.org/10.7265/N5TB14TC.

Daily Percentiles and Percentages created by Wyoming State Climate Office

21 Mar 2024

Snow Water Equivalent Percent of Average (2004-2020) for 21 Mar 2024

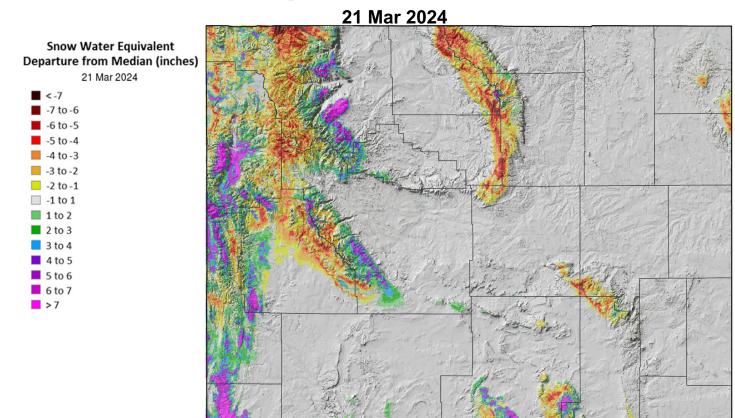


Modelled Snow Water Equivalent from National Operational Hydrologic Remote Sensing Center. 2004. Snow Data Assimilation System (SNODAS) Data Products at NSIDC, Version 1. Boulder, Colorado USA. NSIDC: National Snow and Ice Data Center doi: https://doi.org/10.7265/N5TB14TC. Daily Percentiles and Percentages created by Wyoming State Climate Office

Map created 21 Mar 2024



Snow Water Equivalent (SWE) Departure from Median





Today's Snow Water Equivalent in Inches Compared to Historical Ranges

Red indicates current SWE value is less than this statistic

Blue indicates current SWE value is greater than this statistic

Purple indicates current SWE value is equal to this statistic

Click Column Headers to Sort

Basin Click to View Chart	Date	Today SWE (inches)	Today SWE % of Median	Minimum SWE (in)	10th Percentile (inches)	30th Percentile Inches	Median (inches)	70th Percentile (inches)	90th Percentile (inches)	Maximum (inches)	Last Year SWE (inches)	Last Year SWE % of Median
Belle Fourche	21 Mar 2024	2.47	39	2.47	3.71	4.99	6.27	6.91	8.34	10.00	8.00	128
Bighorn	21 Mar 2024	7.72	84	6.34	7.61	8.50	9.23	10.09	11.45	14.19	9.60	104
Cheyenne	21 Mar 2024	2.75	40	2.95	4.07	5.36	6.85	7.51	8.75	10.00	7.95	116
Laramie	21 Mar 2024	13.63	107	9.35	10.47	12.40	12.71	14.66	17.71	23.60	15.13	119
Little Snake	21 Mar 2024	20.77	115	11.95	14.10	16.51	18.01	(20.60	23.45	28.35	28.35	157
Lower Green	21 Mar 2024	12.67	114	7.72	9.43	10.55	11.09	13.10	14.92	17.29	14.89	134
Lower North Platte	21 Mar 2024	8.00	81	6.40	7.47	9.22	9.85	11.78	13.12	17.12	11.78	120
Madison	21 Mar 2024	17.38	85	9.40	14.70	17.80	20.35	24.75	27.80	38.05	26.00	128
Powder	21 Mar 2024	5.19	63	5.31	7.09	7.61	8.26	9.25	10.49	12.89	9.21	112
Shoshone	21 Mar 2024	14.02	90	9.77	11.95	13.89	15.63	18.07	22.81	27.23	15.62	100
Snake	21 Mar 2024	18.95	97	11.61	14.30	17.04	19.53	21.71	27.46	32.27	21.61	111
South Platte	21 Mar 2024	4.80	74	3.00	4.24	5.11	6.50	6.99	7.98	10.00	4.90	75
Sweetwater	21 Mar 2024	12.10	99	8.17	8.86	9.98	12.27	14.55	16.44	22.97	16.63	136
Tongue	21 Mar 2024	6.55	70	5.21	8.23	9.23	9.39	10.82	12.62	15.30	10.53	112
Upper Bear	21 Mar 2024	16.63	114	9.78	11.54	13.86	14.63	18.39	22.96	30.08	21.10	144
Upper Green	21 Mar 2024	12.77	88	8.69	11.32	13.40	14.43	15.75	22.72	27.66	15.34	106
Upper North Platte	21 Mar 2024	20.69	105	15.32	16.22	18.64	19.78	22.81	26.18	31.63	25.50	129
Wind	21 Mar 2024	11.84	106	7.58	9.14	10.41	11.12	12.51	14.96	20.39	12.78	115
Yellowstone	21 Mar 2024	15.15	78	11.72	14.24	17.12	19.42	21.62	26.64	33.21	20.57	106
	Data from Natural Resources Conservation Service SnoTel Network											

http://www.wrds.uwyo.edu/Snow/BasinStatus.html



Peak Snow Water Equivalent Dates and Totals by Basin With Meltout Dates

This year's "to-date" peak snow water equivalent (SWE) compared to median.

Red indicates earlier peak date or lower SWE compared to median

Blue indicates later peak date or higher SWE compared to median

Click Column Headers to Sort

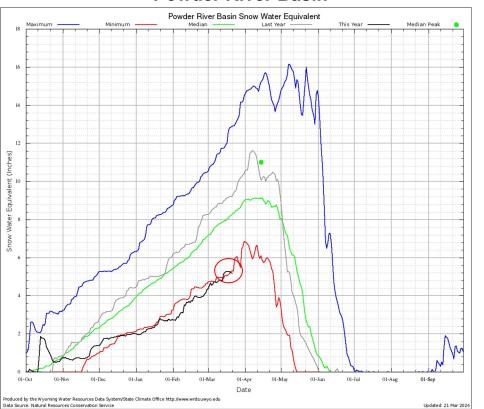
Basin Click to View Chart	This Year Peak Date	This Year Peak	,	Peak SWE	Percent of Median Peak SWE	Median	Median Peak		Median Meltout Date
		` '		,			, ,		
	06 Mar 2024					29 Mar IMG			03 May IMG
Bighorn	18 Mar 2024	7.77	-37	-4.0		24 Apr IMG		7.72	21 Jun IMG
Cheyenne	06 Mar 2024	3.90	-22	-3.6	52%	29 Mar IMG	7.55 IMG	2.75	01 May IMG
Laramie	16 Mar 2024	13.71	-33	-2.6	84%	18 Apr IMG	16.31 IMG	13.63	13 Jun IMG
Little Snake	19 Mar 2024	20.95	-18	0.4	(102%)	06 Apr IMG	20.50 IMG	20.77	19 Jun IMG
Lower Green	21 Mar 2024	12.67	-18	-0.9	93%	08 Apr IMG	13.58 IMG	12.67	13 Jun IMG
Lower North Platte	19 Mar 2024	8.05	-26	-5.0	62%	14 Apr IMG	13.05 IMG	8.00	29 May IMG
Madison	18 Mar 2024	17.50	-27	-6.2	74%	14 Apr IMG	23.75 IMG	17.38	25 Jun IMG
Powder	18 Mar 2024	5.27	-27	-5.7	48%	14 Apr IMG	11.01 IMG	5.19	10 Jun IMG
Shoshone	16 Mar 2024	14.25	-39	-3.8	79%	24 Apr IMG	18.08 IMG	14.02	29 Jun IMG
Snake	16 Mar 2024	19.05	-27	-1.8	91%	12 Apr IMG	20.85 IMG	18.95	30 Jun IMG
South Platte	19 Mar 2024	4.90	-10	-1.7	74%	29 Mar IMG	6.60 IMG	4.80	26 Apr IMG
Sweetwater	18 Mar 2024	12.40	-33	-2.8	81%	20 Apr IMG	15.25 IMG	12.10	06 Jun IMG
Tongue	16 Mar 2024	6.89	-43	-6.5	51%	28 Apr IMG	13.38 IMG	6.55	09 Jun IMG
Upper Bear	16 Mar 2024	17.10	-24	-0.7	96%	09 Apr IMG	17.81 IMG	16.63	16 Jun IMG
Upper Green	16 Mar 2024	12.96	-26	-3.0	81%	11 Apr IMG	15.96 IMG	12.77	19 Jun IMG
Upper North Platte	19 Mar 2024	20.80	-28	-3.8	84%	16 Apr IMG	24.63 IMG	20.69	28 Jun IMG
Wind	18 Mar 2024	11.92	-35	-2.2	84%	22 Apr IMG	14.11 IMG	11.84	26 Jun IMG
Yellowstone	16 Mar 2024	15.38	-39	-6.7	70%	24 Apr IMG	22.12 IMG	15.15	02 Jul IMG

Data from Natural Resources Conservation Service SnoTel Network

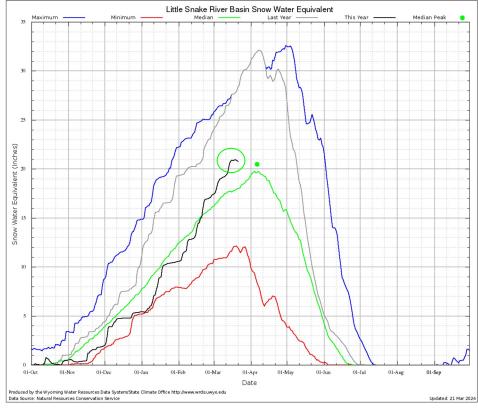


Basin Snow Water Equivalent (SWE) % of Median

Powder River Basin



Little Snake River Basin

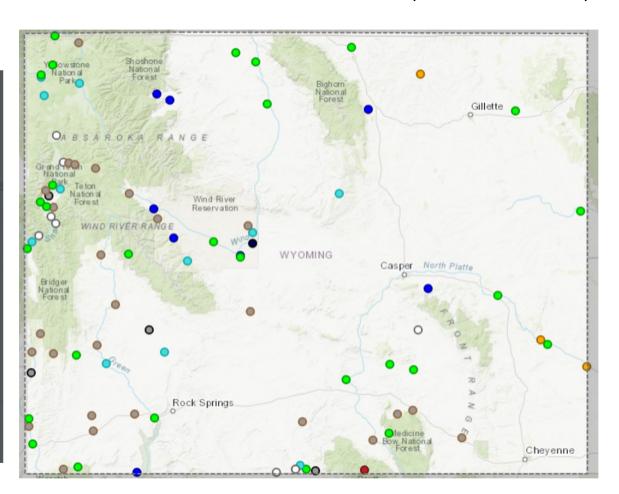




Current Streamflow Conditions (March 21, 2024)

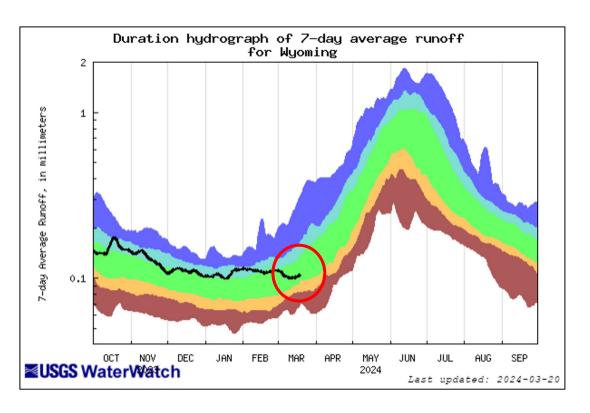
Streamflow Status







WY Duration Hydrograph of 7-day runoff



Early Spring Streamflow

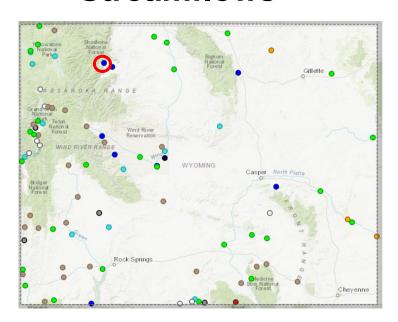
- Most sites are reporting (23 sites in ice)
- Time of baseflow transition to early runoff (limited water supply)
- Below normal with a grain of salt.

Explanation - Percentile classes								
lowest- 5th percentile	6-9	6-9 10-24 25-7		76-90	91-94	95th percentile -highest	Runoff	
Severe hydrologic drought	Moderate hydrologic drought	Below normal	Normal	Above normal		ch above normal	1 (011011	

https://dashboard.waterdata.usgs.gov/

https://waterdata.usgs.gov/

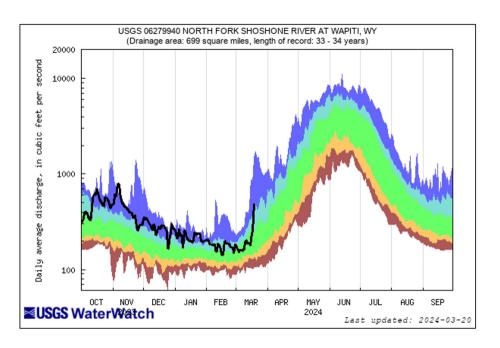




https://dashboard.waterdata.usgs.gov/

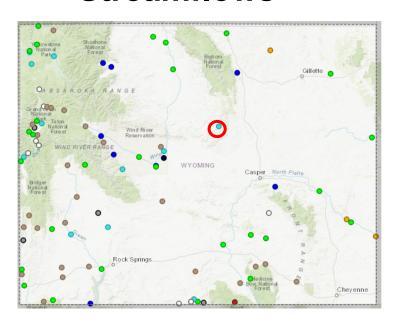
https://waterdata.usgs.gov/

North Fork Shoshone, at Wapiti, WY



	Е	xplana	tion - Pe	ercentile	classes	3	
lowest- 10th percentile	5	10-24	25-75	76-90	95	90th percentile -highest	Flow
Much below Normal		Below normal	Normal	Above normal	Much above normal		Flow

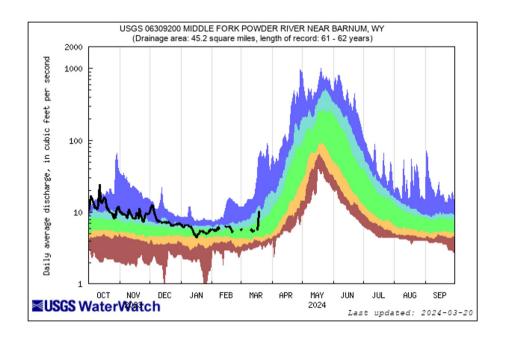




https://dashboard.waterdata.usgs.gov/

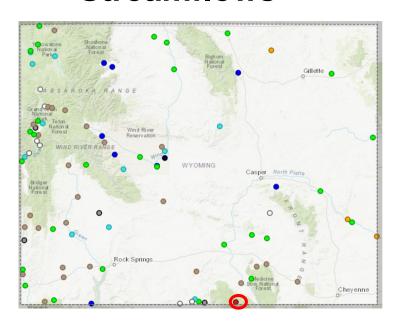
https://waterdata.usgs.gov/

Middle Fork Powder River, Near Barum, WY



	Explanation - Percentile classes								
							_		
lowest- 10th percentile	5	10-24	25-75	76-90	95	90th percentile -highest	Flow		
Much below	Normal	Below normal	Normal	Above normal	Much a	bove normal	11011		

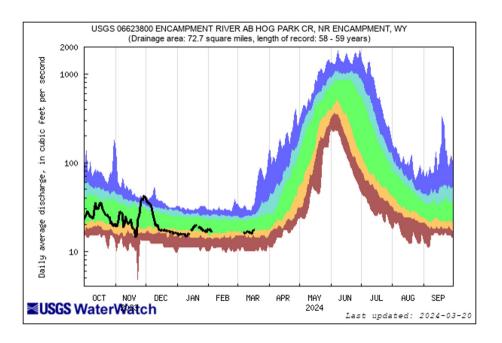




https://dashboard.waterdata.usgs.gov/

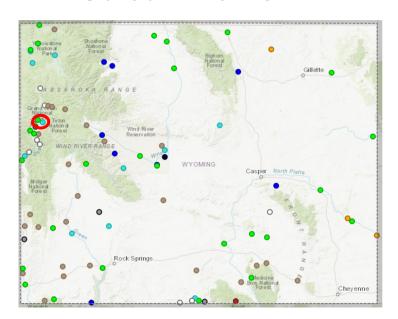
https://waterdata.usgs.gov/

Encampment River ab Hog Park, Nr Encampment, WY



Explanation - Percentile classes								
							_	
lowest- 10th percentile	5	10-24	25-75	76-90	95	90th percentile -highest	Flow	
Much below	Normal	Below Norm		Above normal	Much above normal		Tiow	

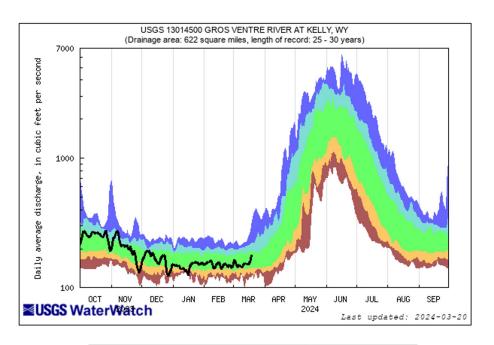




https://dashboard.waterdata.usgs.gov/

https://waterdata.usgs.gov/

Gros Ventre River, at Kelly, WY

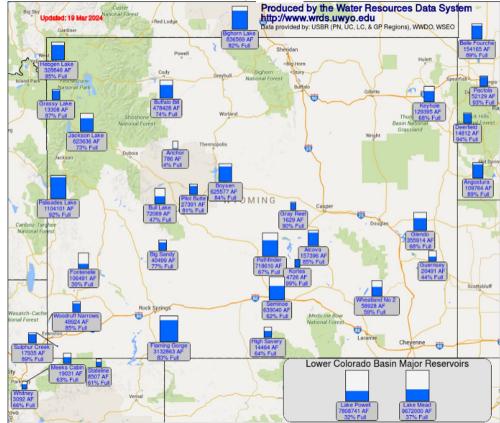


Explanation - Percentile classes								
							_	
lowest- 10th percentile	5	10-24	25-75	76-90	95	90th percentile -highest	Flow	
Much below	Normal	Below normal	Normal	Above normal	Much a	bove normal	11011	



WY Reservoirs

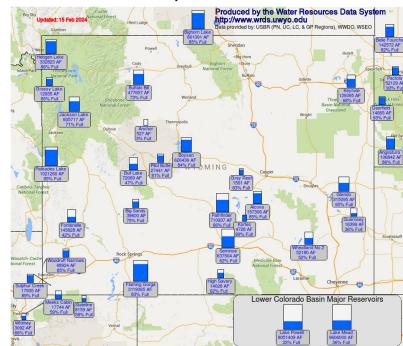
March 21, 2024



http://www.wrds.uwyo.edu/surface water/teacups.html

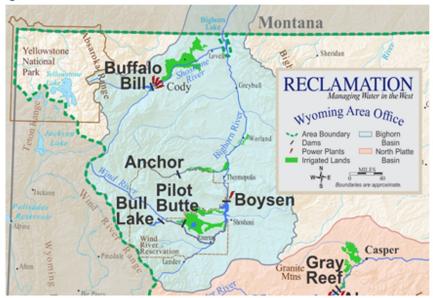
- Mostly minor changes from last month
- Most major reservoirs are 60-80% full
- Fontenelle is being lowered, 46% since Nov
- Palisades has increased + 30% since Nov

Feb 15, 2024





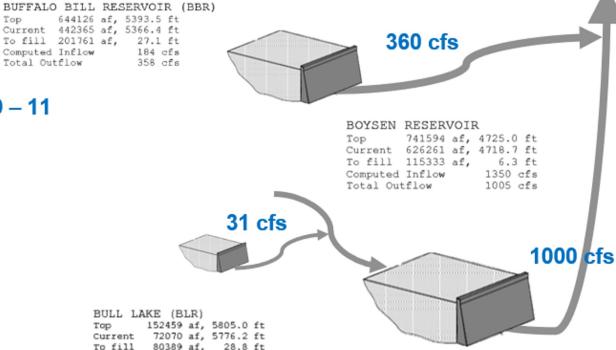
Current Reservoir Conditions: Bighorn System



As of March 20, Bighorn System:

Reservoir	Content	<u>Capacity</u>	% of Full	% of Avg
Bull Lake	72,069	152,500	47%	93%
Buffalo Bill	479,359	646,600	74%	113%
Boysen	626,261	741,600	84%	112%





Buffalo Bill Flush: April 9 – 11

Flush: up to 5,000cfs After flush: 1,000 cfs

80389 af,

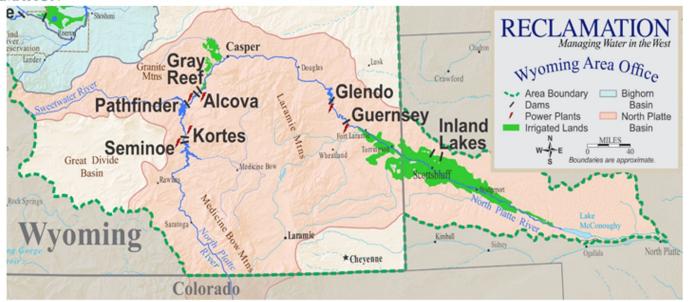
Computed Inflow

Total Outflow

28.8 ft 31 cfs

31 cfs

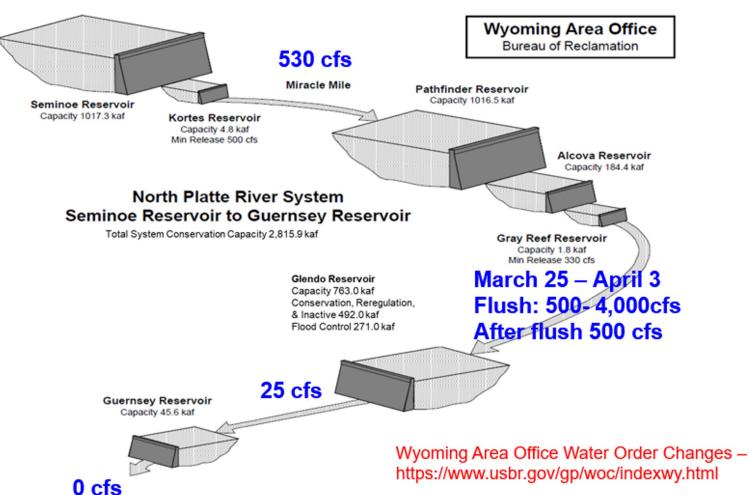




As of March 20, North Platte System:

Reservoir	Content (AF) Capacity	% of Full	% of Avg
Seminoe	639,300	1,017,300	63%	120%
Pathfinder	718,400	1,070,000	67%	121%
Glendo	357,100	492,000	72%	98%
Guernsey	20,600	45,600	45%	115%

















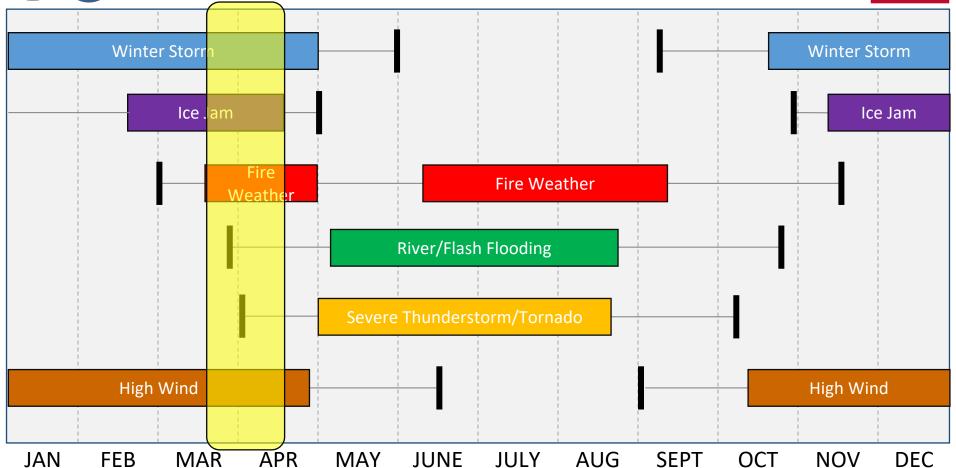


Weather Info & Forecasts



NWS Wyoming Typical Hazard Calendar

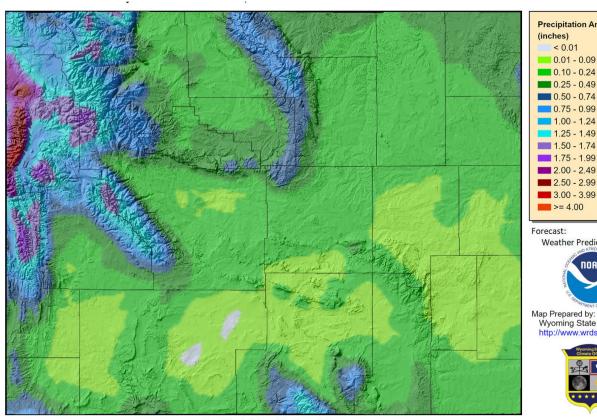






7-Day Total Precipitation Forecast

(Mar 21 - Mar 28)



- Multiple rounds of light to moderate mountain snow in the west
- Higher peaks in the west could see heavy snow
- Periods of light snow elsewhere

Precipitation Amount

(inches)

< 0.01 0.01 - 0.09

0.10 - 0.24 0.25 - 0.490.50 - 0.74

0.75 - 0.99 1.00 - 1.24 1.25 - 1.49 1.50 - 1.74 1.75 - 1.99

2.00 - 2.49 2.50 - 2.99 3.00 - 3.99

>= 4 00

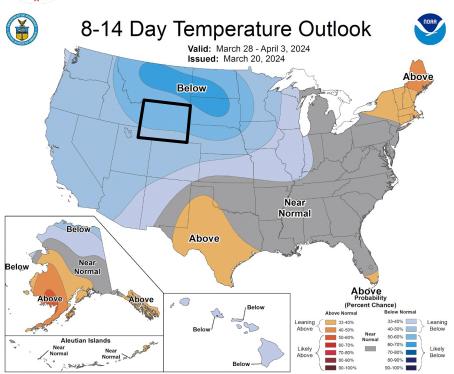
Weather Prediction Center

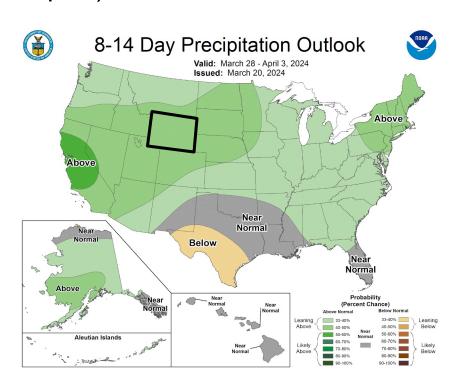
Wyoming State Climate Office http://www.wrds.uwyo.edu



8-14 Day Outlooks

(Mar 28 - Apr 3)





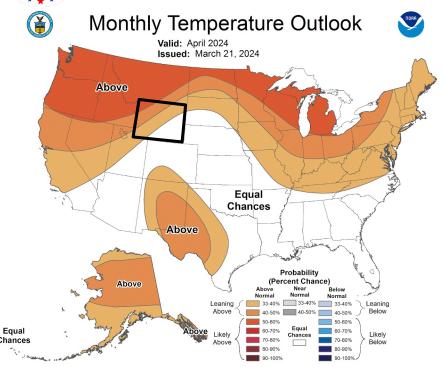
Leaning to below normal temperatures

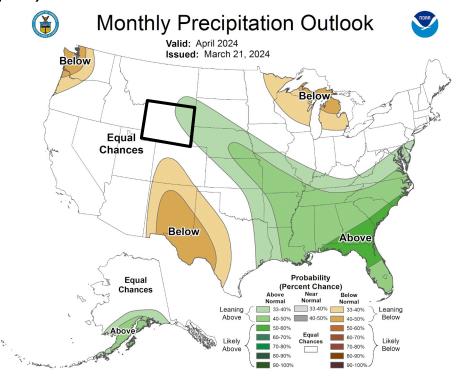
Leaning toward above normal precipitation



1-Month Outlooks

(April)



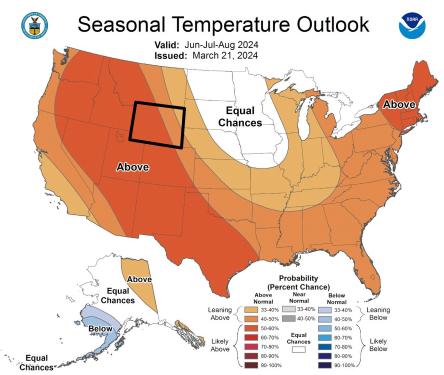


- Lean toward above normal temperatures, except the southeast corner of Wyoming
- Leaning toward above normal precipitation in the northeast and far east

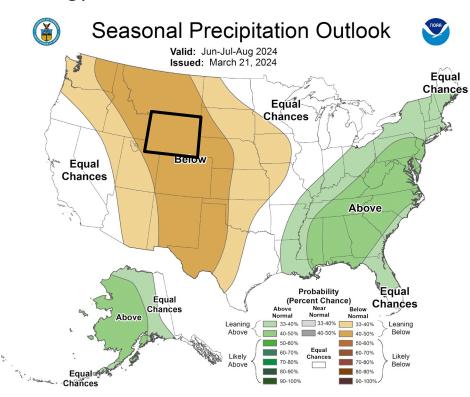


Summer Outlooks

(Jun-Jul-Aug)



 Higher confidence in above average temperatures

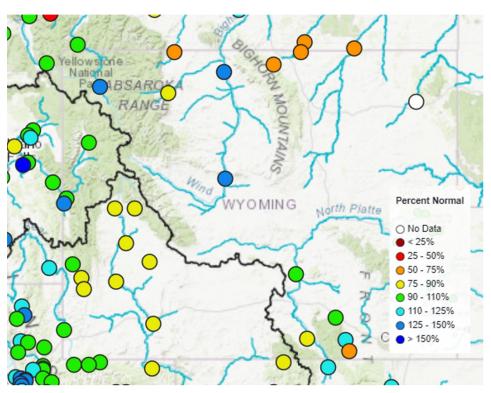


 Higher confidence in below average precipitation



Wyoming Water Supply Outlook: 2024

As of March 1st, 2024



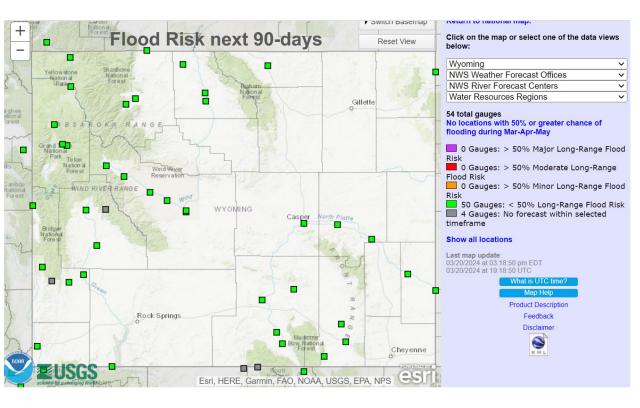
Seasonal snowmelt-driven runoff volumes are forecast to vary from near-normal (greens and blues) to below normal (oranges and yellows)

This graphic depicts the NWS water supply outlook locations, colored by the percent of seasonal volumetric normal. Forecast points within the Colorado River Basin in southwest Wyoming span **April - July**. Other points span **April - September**.

https://www.cbrfc.noaa.gov/wsup/graph/west/map/esp_map.html



Wyoming Flood Potential Now through mid-June



No flooding is expected through mid-June.

This graphic depicts NWS forecast locations over Wyoming. All gages are currently projected to stay below flood stage through March (green squares).

Note that river ice action is NOT accounted for in our river forecast model

The National Hydrologic Assessment was issued this morning, 21 March 2024. https://www.noaa.gov/newsrelease/spring-outlook-warmer-for-mostof-us-wetter-in-southeast















Highlight of the Month: An Overview of the NWS National Water Prediction Service (NWPS)



Modernizing Hydrologic Web Dissemination

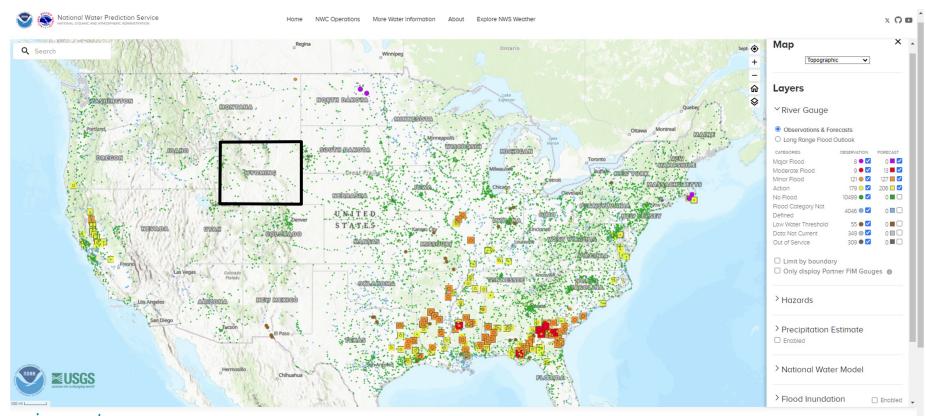
water.weather.gov water.noaa.gov

water.noaa.gov

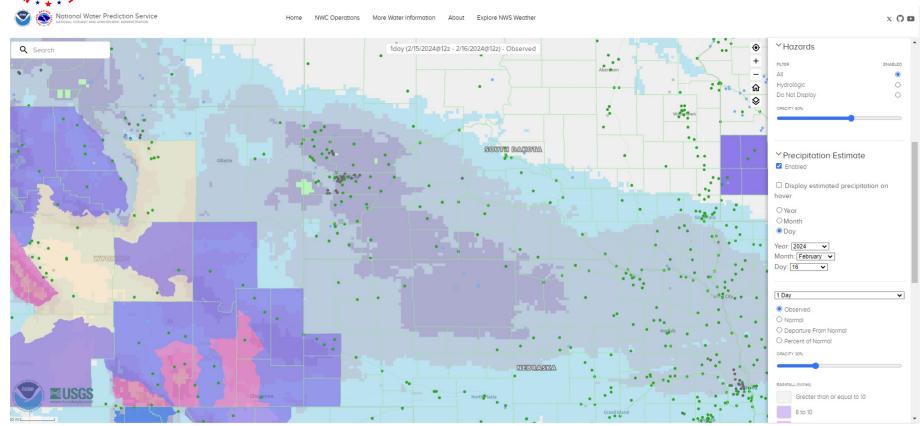
- The legacy Advanced Hydrologic Prediction Service (AHPS) webpage will soon be replaced with a new interface, the National Water Prediction Service (NWPS).
 - Hosted on a scalable Cloud infrastructure
 - Mobile friendly interface
 - Geospatial & API driven data services
- This is currently planned for March 27th,
 2024
- A preview site is currently available at:
 - preview.water.noaa.gov
- Additional resources at:
 - NWPS Fact Sheet

water.noaa.goV/state/wy (March 27th, 2024)

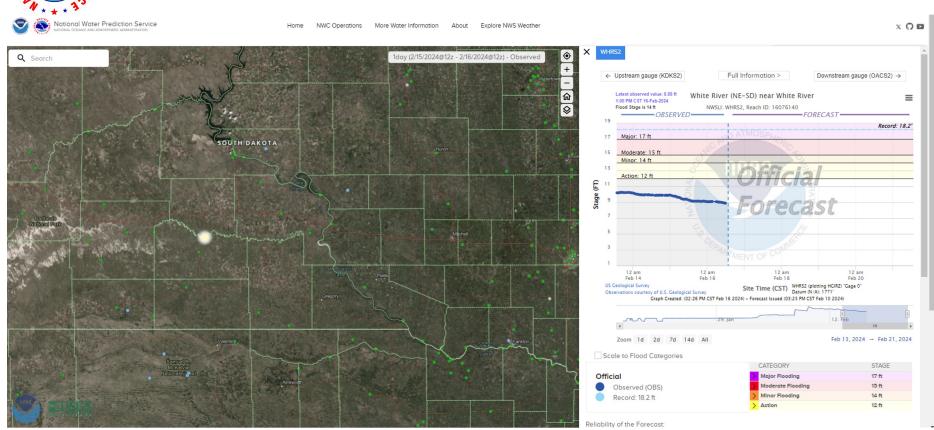








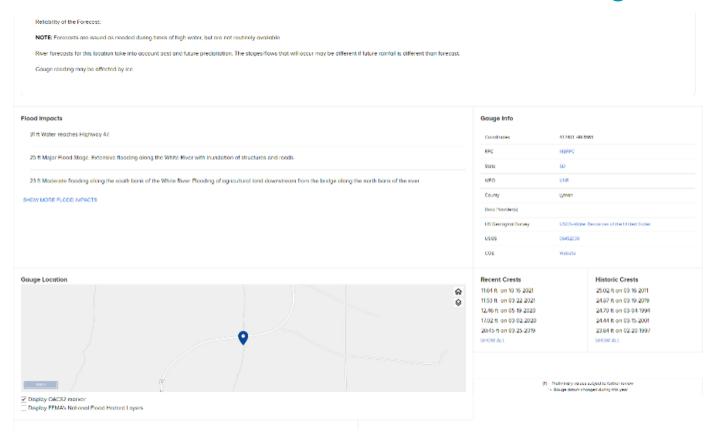


















Application Programming Interface (API)



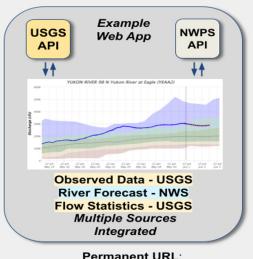
GIS REST Services in Cloud

API: A collection of web services whose input parameters and output formats are well-documented. allowing systems to integrate NWS water data.



The new National Water Prediction System (NWPS) is the NWS water Web App driven by our own API (Preview Here)

Core Partners and Third Party Web Apps can leverage the NWPS - API to integrate forecast data into **your** decision support tools.

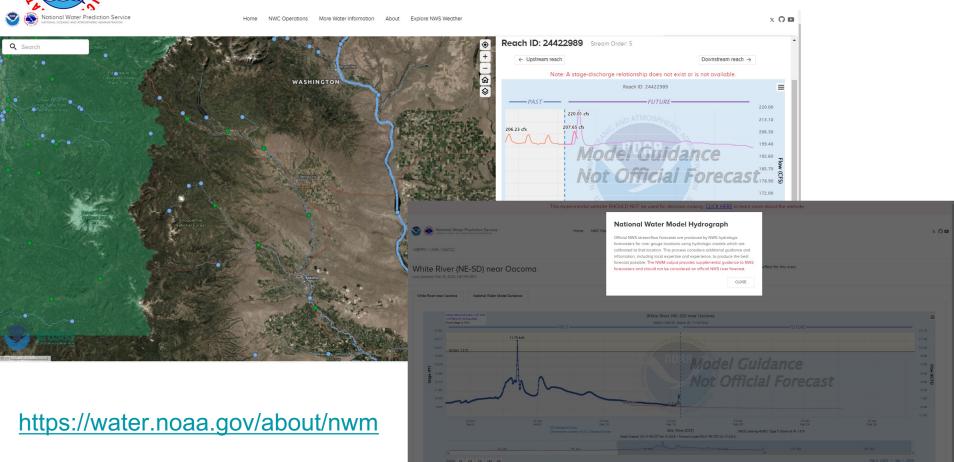


https://api.water.noaa.gov/nwps/v1/docs/



https://www.weather.gov/gis/cloudgiswebservices



















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Kevin Low

MO Basin River Forecast Center kevin.low@noaa.gov

Get Involved!

Submit a Condition Monitoring Observer Report

Liz Cresto

Bureau of Reclamation ecresto@usbr.gov

The Wyoming Conditions Monitoring Team (WCMT) organized and hosted this webinar. The WCMT is a collaborative effort of state, federal, tribal, and university partners that monitor conditions & impacts throughout the state on a weekly basis and communicate this information to the U.S. Drought Monitor among others.

Learn more at: https://drought.wyo.gov

Thank you!