A June Atmospheric River June 5, 2024

A winter Atmospheric River in June! What an event it was that added much needed moisture to many Idaho rivers. Following is a statewide summary about the impacts of this early June Atmospheric River Event. This rain on snow event increased streamflow in many rivers across the state that will push recession flows out a bit.

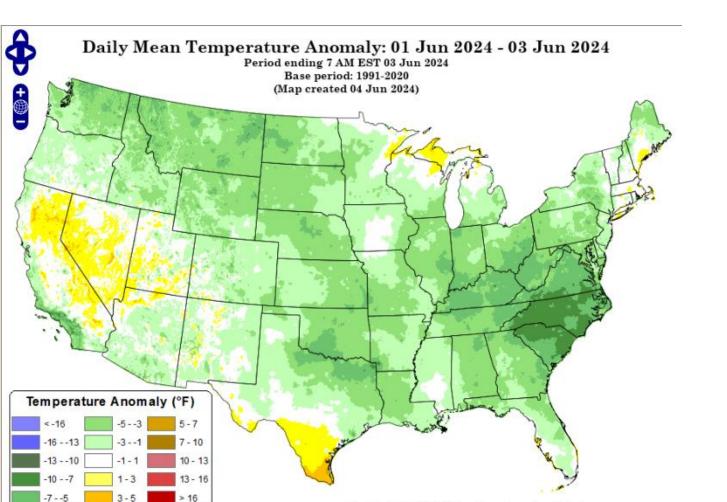
Combining daily rainfall and snowmelt resulted in 2.5 to 3.0" of Total Runoff Available at a few SNOTEL sites. The cool May temps delayed snowmelt allowing snow to remain in higher elevations that provided a runoff boost with the falling rain.

What a storm it was - who do you thank?

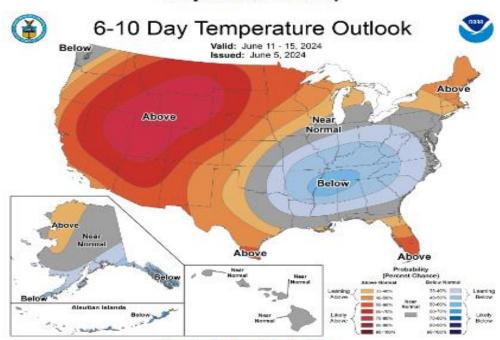
Those benefiting include fish, wildlife, river runners, salmon flows, hydropower production and more. The streamflow boost created another flow increase that will keep recession flows higher longer. However, some basins missed the positive impacts from this event. See the following streamflow hydrographs to see which rivers benefited while others continued with their downward recession trend.

Benefits include assisting with final fill of some reservoirs, delayed irrigation water use that may even result in better reservoir carryover storage for next year. Impacts include challenges for those on rapid rising rivers especially for those adventuring on the MF Salmon River and experiencing the New Velvet Rapid up close.

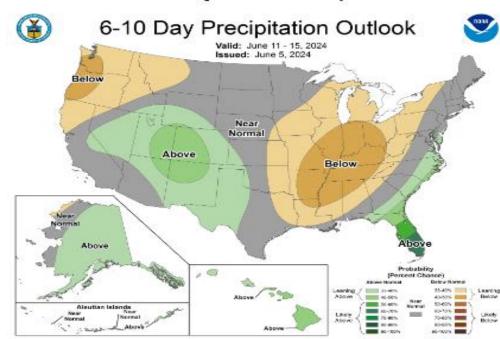
Below normal temps Jun 1-3 will flip in next few days with arrival of near record high temps that will push the remaining snow out of the mountains to generate another increase or sustain flows.



Temperature Probability



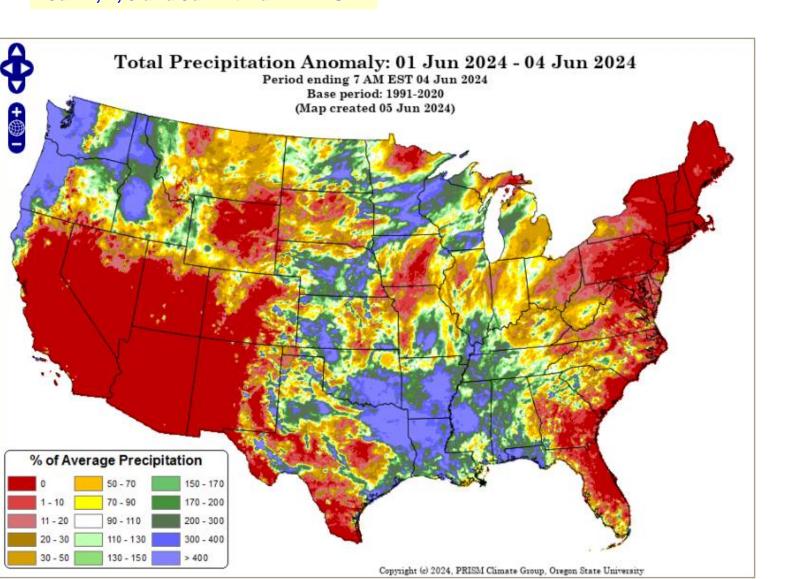
Precipitation Probability

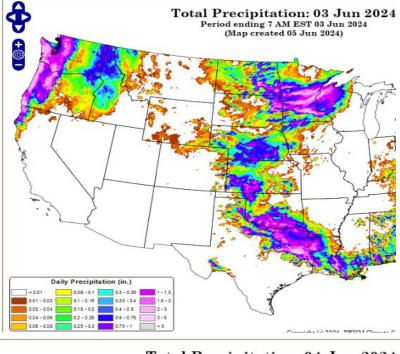


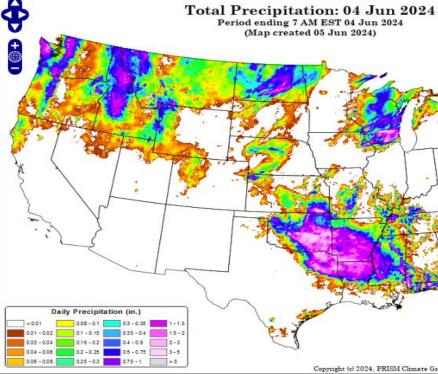
Daily Totals thru 7AM EST on June 3 and Jun 4.

24-hour amounts ending at 7AM EST each morning.

Map of Total Precipitation that fell Jun 1, 2, 3 and Jun 4 thru 7AM EST.







Idaho SNOTEL Precipitation Summary Update Report

Based on Mountain Data from NRCS SNOTEL Sites

Provisional data, subject to revision

Data based on the first reading of the day (typically 00:00) for Tuesday, June 04, 2024

Data ba	sed on	the first reading of	the day (ty	pically 00:	00) for Tuesda	y, June 04, 2	2024
Darin	El.	Month to Date			Water Year	to Date A	
	Elev (ft)	Precipitation (in)	lotal (in)	Monthly Total	Preci	pitation (in)	Total Annual (in) Total
NORTHERN F						()	
Basin Index	(%)			57			77
COEUR D'ALE	NE-S	ST. JOE RIVE	R BASI	N			
Basin Index	(%)			40			69
CLEARWATE	R BAS	SIN					
Basin Index	(%)			49			73
SALMON BAS	SIN						
Basin Index	(%)			38			76
WEISER BAS							
Basin Index	(%)			66			80
PAYETTE BAS	SIN						
Basin Index	(%)			76			81
BOISE BASIN	١						
Basin Index	(%)			100			85
BIG WOOD B	ASIN	ı					
Basin Index	(%)			29			75
LITTLE WOO	D BA	SIN					
Basin Index	(%)			5			71
BIG LOST BA	SIN						
Basin Index	(%)			13			73
LITTLE LOST							
Basin Index	(%)			2			69

Here's another way to look at rainfall amounts from this event. The Boise Basin received 100% of its Monthly Total for June the first 3 days of the month.

Payette received 76% of it's Pct of Monthly Total while the Little Wood and Little Lost received 5% or less.

Key Point – for rain on snow events like this, need to combined daily snow melt and precipitation amounts.

Reporting Frequency: Daily; Date Range: 2024-05-31 to 2024-

(As of: Tue Jun 04 18:36:00 GMT-08:00 2024)

Daily Snowmelt Amount

Daily Precip Amount

						_
Date ≎	Station Name ≎	Elevation (ft) \$	Snow Water Equivalent (in) Start of Day Values ≎	Change In Snow Water Equivalent (in) ≎	Precipitation Accumulation (in) Start of Day Values \$	Change In Precipitation Accumulation (in) A
2024-06-04	Bear Mountain	5400	23.2	-0.5	70.0	2.4
2024-06-04	Lost Lake	6110	26.1	-0.2	59.0	2.0
2024-06-04	Crater Meadows	5960	16.9	-1.0	54.7	1.9
2024-06-04	Hidden Lake	5040	3.9	-1.3	59.6	1.7
2024-06-04	Hemlock Butte	5810	0.7	-0.3	37.9	1.6
2024-06-04	Schweitzer Basin	6090	19.1	-1.0	39.4	1.6
2024-06-04	Cool Creek	6280	25.2	-1.3	49.0	1.5
2024-06-04	Hoodoo Basin	6050	17.9	-0.6	42.5	1.5
2024-06-04	Touchet	5530	0.0	0.0	43.1	1.4
2024-06-04	Twin Lakes	6400	7.4	-0.9	47.3	1.4
2024-06-04	Hawkins Lake	6450	1.5	-0.3	37.9	1.3
2024-06-04	Shanghi Summit	4600	0.0	0.0	39.5	1.3
2024-06-04	Elk Butte	5690	0.1	0.1	37.9	1.2
2024-06-04	Lookout	5190	0.1	0.1	31.5	1.2

Total Runoff

Available

2.9

2.2

2.9

3.0

1.9

2.6 2.8 2.1

1.4

2.3

This table of northern Idaho SNOTEL sites is sorted by the greatest Daily Precipitation amounts. Adding the Daily Snowmelt Amount (SWE change) to Daily Precip Amount shows **Total Runoff Available from each site for the day.** These precipitation amounts fell on June 3.

Looking only precipitation totals provides only part of the answer for water available that fed the rivers during this event.

Those below normal May temps delayed

snowmelt and allowed snow to remain in the higher elevations, ripe and ready to melt in early June.

Below is the 5-Day Delta Report for Bear Mountain that shows the daily snowmelt and total precipitation amount 3.3".

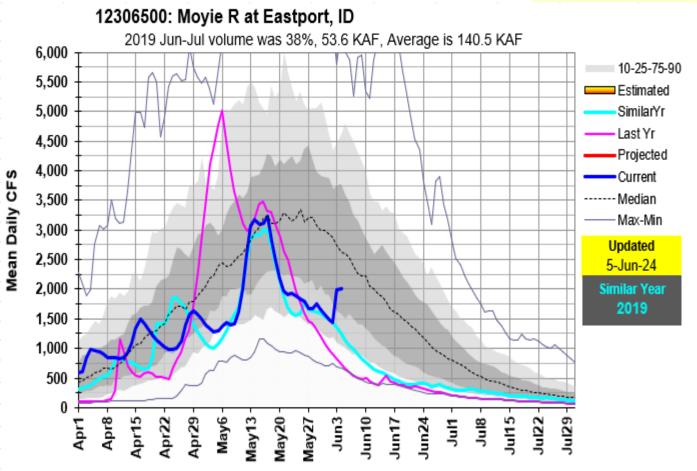
Reporting Frequency: Daily; Date Range: 2024-05-31 to 2024-06-04

(As of: Tue Jun 04 18:39:35 GMT-08:00 2024)

Date ≎	Station Name \$	Elevation (ft) \$	Snow Water Equivalent (in) Start of Day Values ≎	Change In Snow Water Equivalent (in) \$	Precipitation Accumulation (in) Start of Day Values \$	Change In Precipitation Accumulation (in) \$
2024-05-31	Bear Mountain	5400	26.6	-1.0	66.7	0.0
2024-06-01	Bear Mountain	5400	25.5	-1.1	66.7	0.0
2024-06-02	Bear Mountain	5400	24.5	-1.0	66.7	0.0
2024-06-03	Bear Mountain	5400	23.7	-0.8	67.6	0.9
2024-06-04	Bear Mountain	5400	23.2	-0.5	70.0	2.4

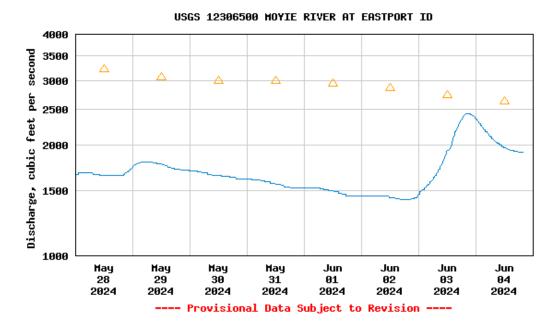
Now let's look at the rivers to see what happened starting in northern Idaho.

The Moyie was flowing low, in the 25%tile before the event. The event bumped flows up and will push recession falls out a bit. This is great news for many northern Idaho rivers including Priest River and more.



Similar Year are selected by Closest Pattern that matches this year's runoff.

(yes, it's a cool spreadsheet that does this analysis)



🛆 Median daily statistic (94 years) — Discharge

Create presentation-quality / stand-alone graph. Subscribe to WaterAlert

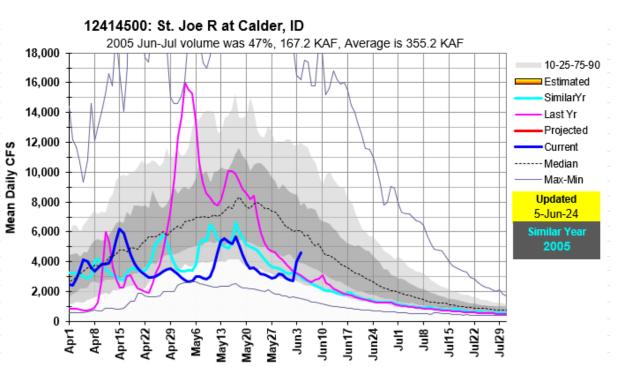
See this graph on the Monitoring Location Pages

Share this graph

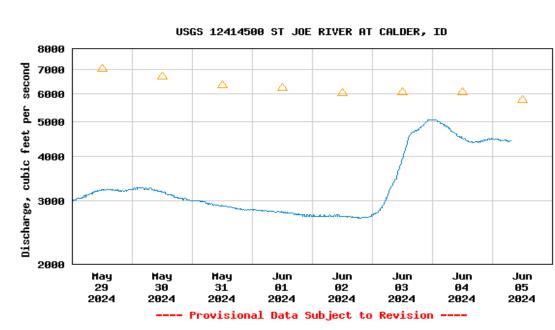
Daily discharge, cubic feet per second -- statistics for Jun 4 based on 94 water years of record_more

	25th	Most Recent			75th	
III .	•	Instantaneous	I I	1	percen-	
(1992)	tile	Value Jun 4	Median	Mean	tile	(1974)
667	1590	1910	2620	2780	3770	6470

12414500: St. Joe R at Calder, ID 2015 Jun-Jul volume was 26%, 91.9 KAF, Average is 355.2 KAF 18,000 10-25-75-90 16,000 Estimated SimilarYr 14,000 Last Yr Projected 12,000 Current ----- Median 10,000 Mean Daily - Max-Min Updated 8,000 5-Jun-24 6,000 imilar Year 2015 4,000 2,000 Apr29 May6 May13 May20 Jun3 Jun 10 Jul15 Jul22 May27 Jun17 Jun24 Jul Jul8 Jul29



Unfortunately, one of Idaho's wetter and rainier basin, the CDA, didn't receive as much rain. The St Joe and Spokane Rivers were flowing at the 25%tile and soon will be there again.



△ Median daily statistic (105 years) — Discharge

Create presentation-quality / stand-alone graph. Subscribe to WaterAlert

See this graph on the Monitoring Location Pages

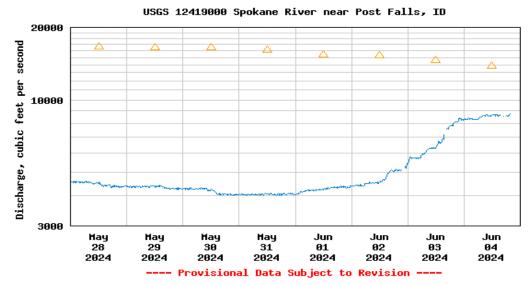
Share this graph

Daily discharge, cubic feet per second -- statistics for Jun 5 based on 105 water years of record more

	Min (2015)	percen-	Most Recent Instantaneous Value Jun 5			75th percen- tile	1 11
j	1470	3870	4430	5760	6290	7930	17500

12419000: Spokane R near Post Falls, ID 2005 Jun-Jul volume was 41%, 283.6 KAF, Average is 689.3 KAF 36,000 10-25-75-90 32,000 Estimated SimilarYr 28,000 Last Yr Projected 24,000 Current ----- Median 20,000 Mean Daily · Max-Min Updated 16,000 4-Jun-24 12,000 Similar Year 8,000 4,000 May13 May20 May27 12419000: Spokane R near Post Falls, ID 2015 Jun-Jul volume was 16%, 109.2 KAF, Average is 689.3 KAF 36,000 10-25-75-90 32,000 Estimated SimilarYr 28,000 Last Yr Projected 24,000 Mean Daily CFS Current ----- Median 20,000 Max-Min 16,000 Updated 4-Jun-24 12,000 Similar Year 2015 8,000 4,000 May13 Apr29 May6 Jul15 Jul22 May27

Current flow in Spokane River is about the same as 2005. Who remembers 2015 and how low the rivers got. Hopefully, rivers won't go that low, but the dry summer season is upon us.



△ Median daily statistic (111 years) — Discharge

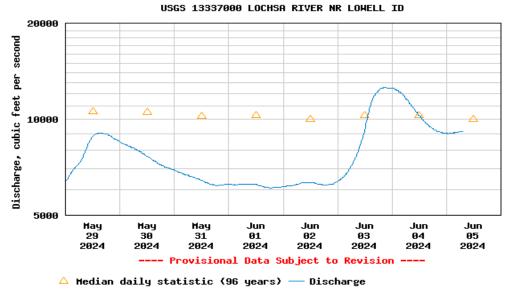
Create presentation-quality / stand-alone graph. Subscribe to MaterAlert

See this graph on the Monitoring Location Pages

Share this graph

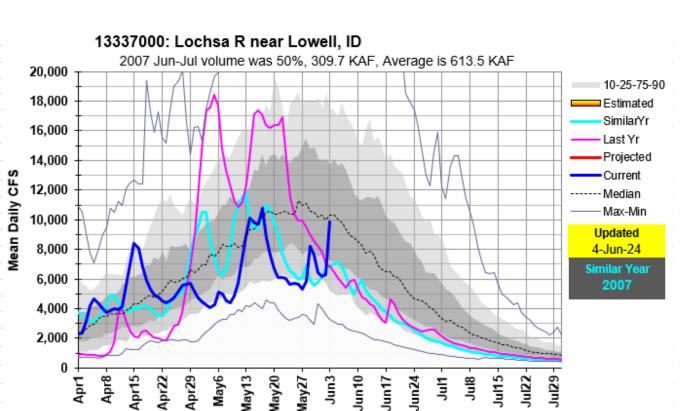
Daily discharge, cubic feet per second -- statistics for Jun 4 based on 111 water years of record more

	bused on 111 Water years of record more									
	25th	Most Recent			75th					
		Instantaneous			percen-					
(1926)	tile	Value Jun 4	Mean	Median	tile	(1917)				
1600	6430	8760	13700	13900	18000	34400				



The rains came to the Lochsa. The river peaked and NWS Forecast & trend shows slight increase from warm temps and the river plateauing as hot temps bleed the rest of the snow from the pack before full recession begins.

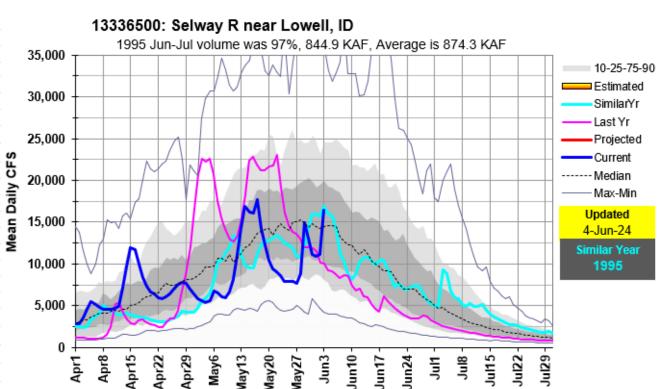
2007 was a similar snow year and illustrates the benefits of this moisture and it will keep flows higher, longer.





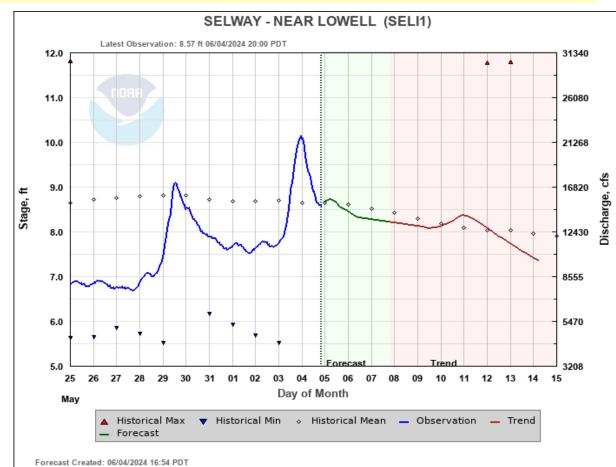
Forecast Created: 06/04/2024 16:54 PDT Plot Created: 06/04/2024 20:46 PDT



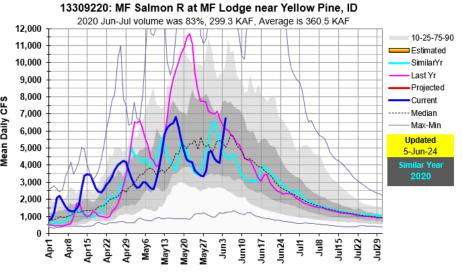


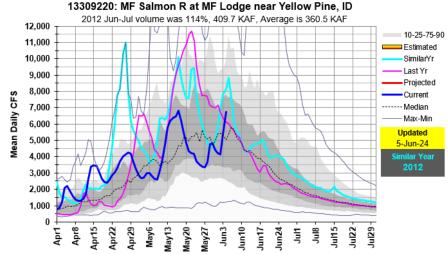
The Selway peaked at 21,000 cfs, not at 26,000 cfs like one NWS run had it. This shows the challenge of predicting runoff from rain on snow events when precip is several days out, varying rainfall intensities & snowmelt rates, and rain falling on snow verse melted out areas in the basin.

1995 must have been a wet summer with a high recession flow like that. We'll pick a similar year another soon



Plot Created: 06/04/2024 20:52 PDT







Create <u>presentation-quality</u> / <u>stand-alone</u> graph. Subscribe to <u>@ Wat</u>

See this graph on the Monitoring Location Pages

Share this graph |

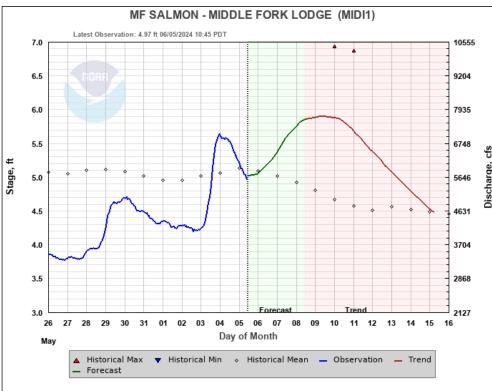
Daily discharge, cubic feet per second -- statistics for Jun 5 based on 34 water years of record more

Min (1977)	25th percen- tile	I .	Most Recent Instantaneous Value Jun 5		75th percen- tile	Max (2010)
1240	3350	5380	5580	5940	7610	15000

ge height, feet

Most recent instantaneous value: 4.97 06-05-2024 11:45 MDT

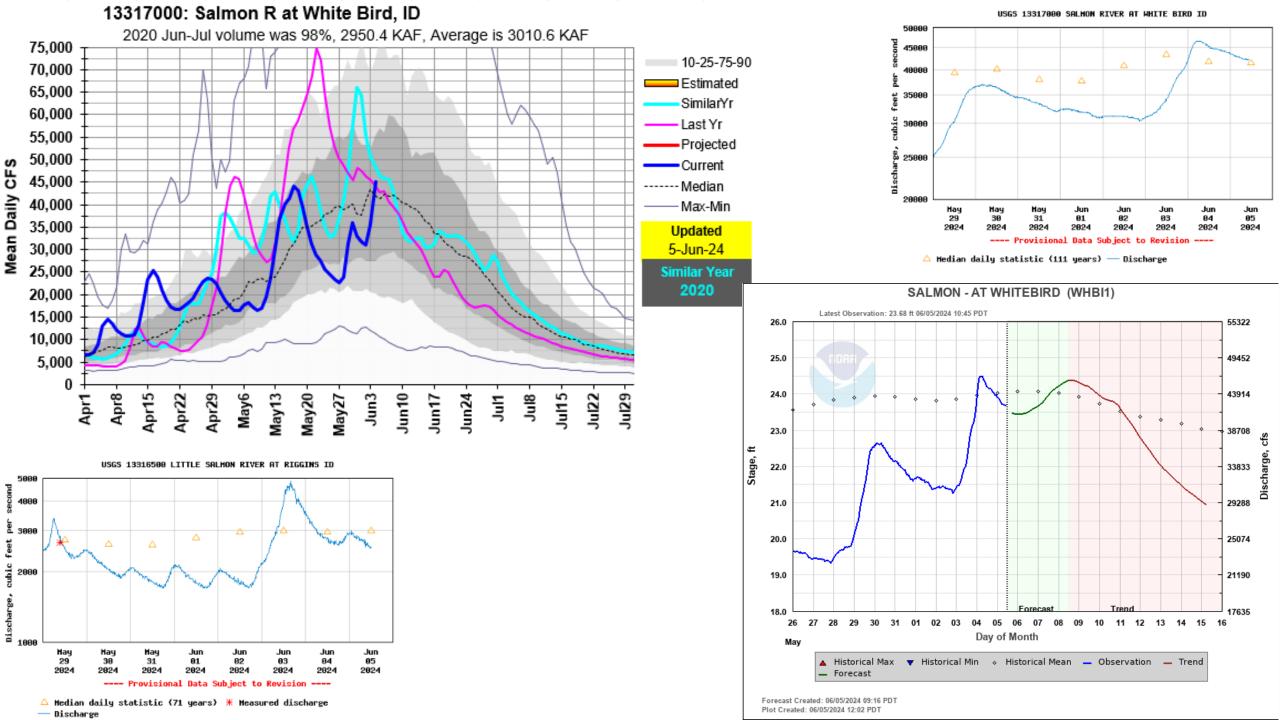




MF peaked at 7000 cfs, not 6+ ft like some runs showed. NWS Forecast & Trend shows another increase from record high temps pushing the remaining snow out. If daytime highs were closer to normal and not 20F degrees above normal, we would probably see the typically downward recession as the remaining snow gradually melts. Time will tell if this next increase will exceed the previous peak.

2020 & 2012 are years to watch for now until we see when full recession starts.

Forecast Created: 06/05/2024 09:16 PD* Plot Created: 06/05/2024 11:40 PDT



Moving to central Idaho, let's see where the precip fell and snow was available to melt.

Reporting Frequ (As of: Tue Jun 04 20:18:35 (**Provisional data, subject to	GMT-08:00 202	ily; Date Range: 2024-05-	31 to 2024	Daily Snowmeld Amount	+	Daily Precip Amount	=
Date ≎	Elevation (ft) \$	Station Name 💠	Snow Water Equivalent (in) Start of Day Values ≎	Change In Snow Water Equivalent (in) ▼	Precipitation Accumulation (in) Start of Day Values \$	Change In Precipitation Accumulation (in) A	
2024-06-04	7770	Trinity Mtn.	6.1	-1.4	37.9	2	.1
2024-06-04	7580	Atlanta Summit	0.0	0.0	33.5	1	.7
2024-06-04	6240	Puhi Flat	0.1	0.1	36.5	1.	.7
2024-06-04	6860	Deadwood Summit	12.3	-0.9	42.1	1.	.5
2024-06-04	6560	Big Creek Summit	0.9	-1.4	33.6	1	.4
2024-06-04	5400	Cozy Cove	0.0	0.0	25.3	1	.4
2024-06-04	6100	Mores Creek Summit			38.3	1	.4
2024-06-04	7040	Banner Summit	0.2	0.2	32.3	1	.3
2024-06-04	5690	Graham Guard Sta.	0.0	-0.1	24.6	1.	.2
2024-06-04	8960	Vienna Mine	8.3	-1.1	34.3	1	.1
2024-06-04	4890	Long Valley	0.0	0.0	19.7	0.	.9
2024-06-04	6250	Brundage Reservoir	0.4	0.4	37.7	0.	.9
2024-06-04	6540	Secesh Summit			36.5	0.	.9
2024-06-04	5350	Bear Basin	0.0	0.0	27.4	0	.8
2024-06-04	6340	Bogus Basin	0.5	0.5	33.5	0	.8
2024-06-03	6250	Brundage Reservoir	0.0	0.0	36.8	0	.7
2024-06-04	4800	Prairie			20.6	0	.7
2024-06-04	5740	Soldier R.S.	0.0	0.0	15.8	0	.6
2024-06-04	8420	Dollarhide Summit	0.2	0.2	21.2	0	.6
2024-06-04	5710	Camas Creek Divide			20.3	0	.6

Same as in northern Idaho, this table of SNOTEL sites is sorted by the greatest Daily Precipitation amounts. Luckily for this analysis, most of the precip fell from midnight to midnight on June 3. For total event precip, need to look over several days.

Adding the Daily Snowmelt Amount (SWE decrease) to Daily Precip Amount provides the Total Runoff Available from these sites. Better check my math.

Interesting, snow at Atlanta Summit, which burned in early 2000s, was melted out. Past observations showed this site melts out 7-14 days earlier after the fires. So, would peak flows been higher if more snow remained from less of the watershed burning?

Below is the 5-Day Delta Report for Trinity Mtn. that shows total precipitation for event was 2.3 inches.

6.1

-1.4

(in) 💠

37.9

0.0

0.0

2.1

Reporting Frequency: Daily; Date Range: 2024-05-31 to 2024-06-04

7770 Trinity Mtn.

(As of: Tue Jun 04 18:39:35 GMT-08:00 2024) **Provisional data, subject to revision**

2024-06-04

Total Runoff

Available

3.5

1.7

1.7

2.4

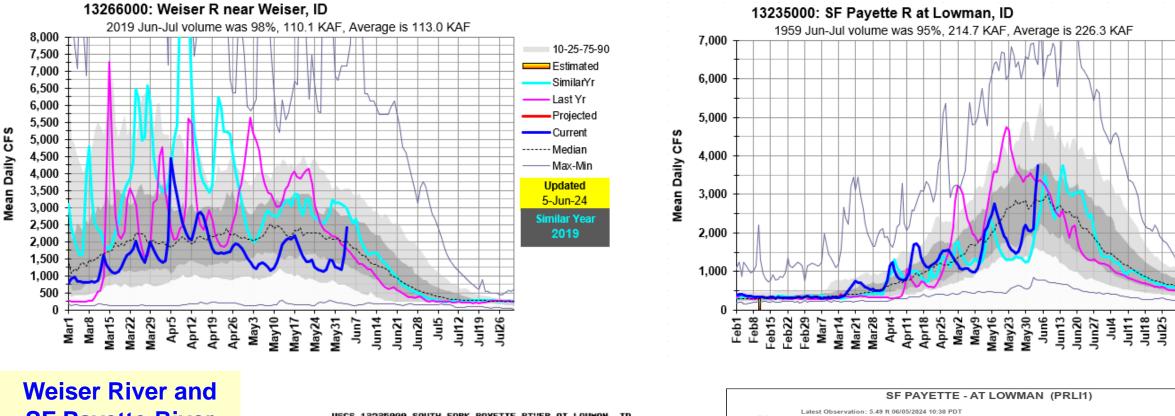
2.8

1.4 1.4 1.5

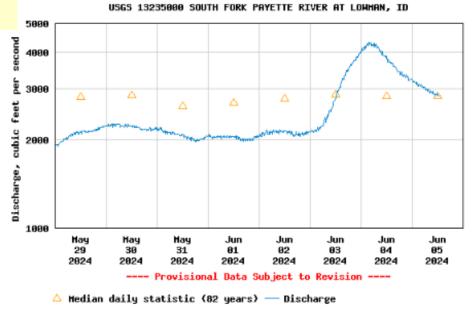
1.3

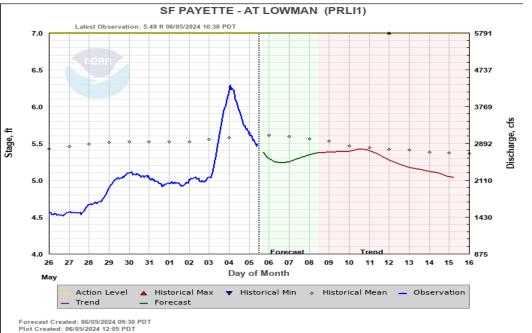
2.20.9

Provisional data, subject to	revision**	,				
Date ≎	Sta	ation Name 🌣	Elevation (ft) \$	Snow Water Equivalent (in) Start of Day Values \$	Change In Snow Water Equivalent (in) \$	Precipitation Accumulation (in) Start of Day Values \$
2024-05-31	7770	Trinity Mtn.		10.9	-0.8	35.6
2024-06-01	7770	Trinity Mtn.		10.0	-0.9	35.6
2024-06-02	7770	Trinity Mtn.		8.6	-1.4	35.6
2024-06-03	7770	Trinity Mtn.		7.5	-1.1	35.8









10-25-75-90

SimilarYr

Projected

Last Yr

Current

Max-Min

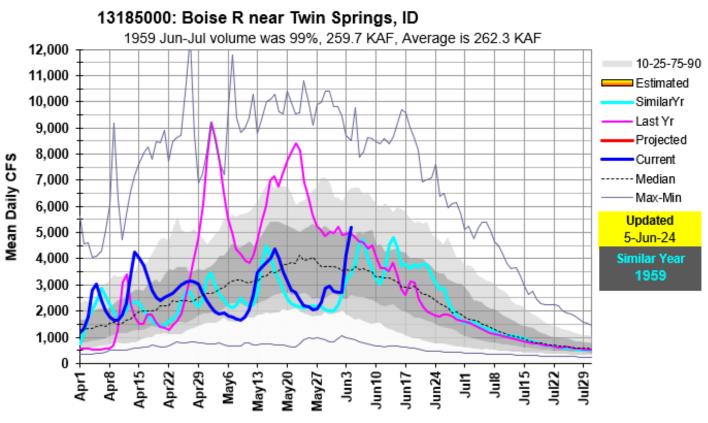
Updated

5-Jun-24

Similar Year

----- Median

Estimated

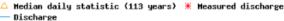


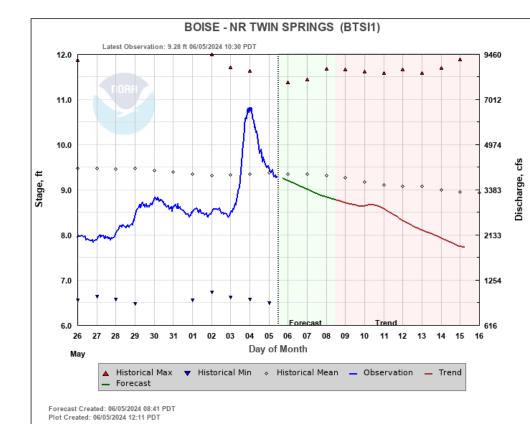


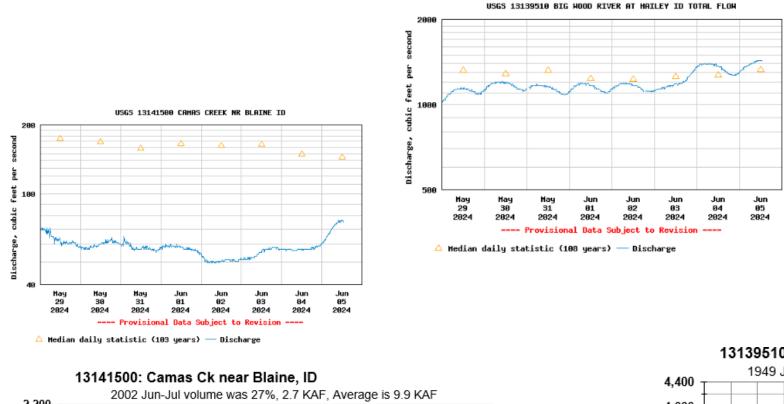


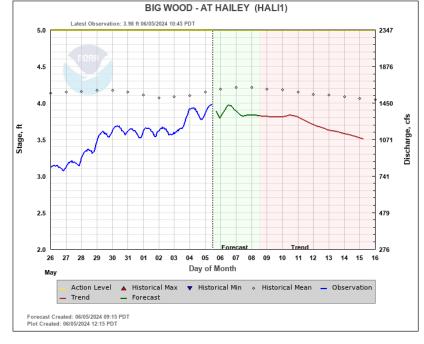
Forecast Created: 06/05/2024 08:41 PDT

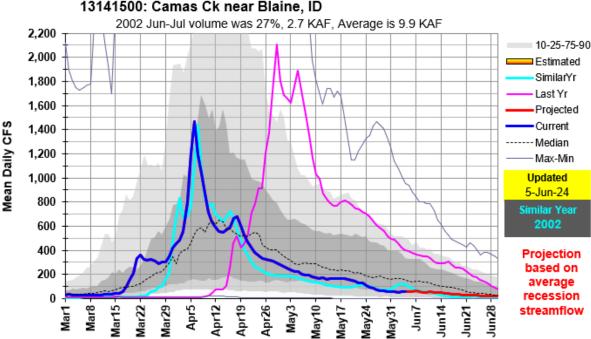




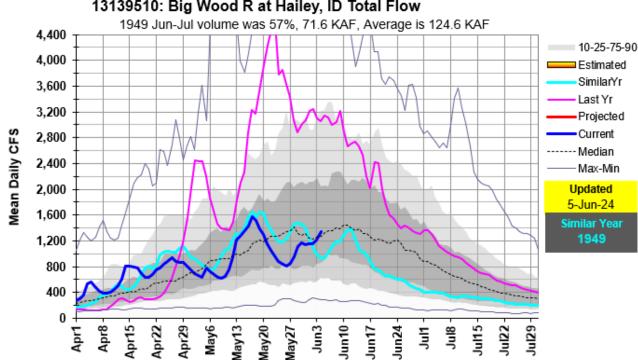


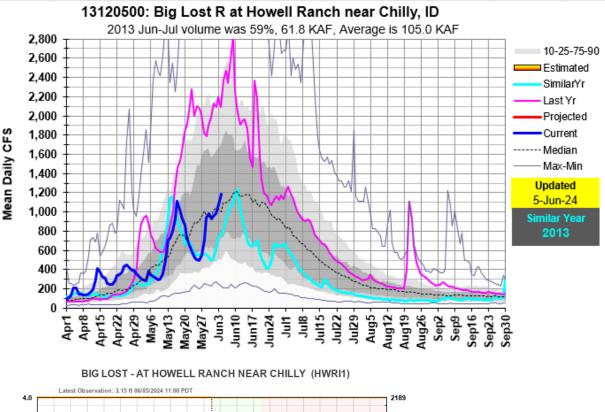


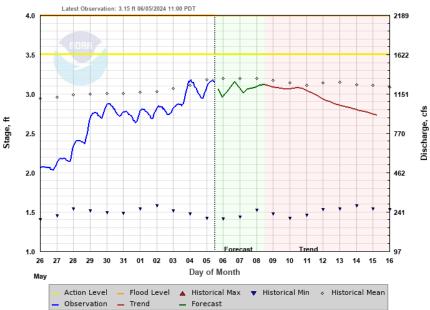




13139510: Big Wood R at Hailey, ID Total Flow



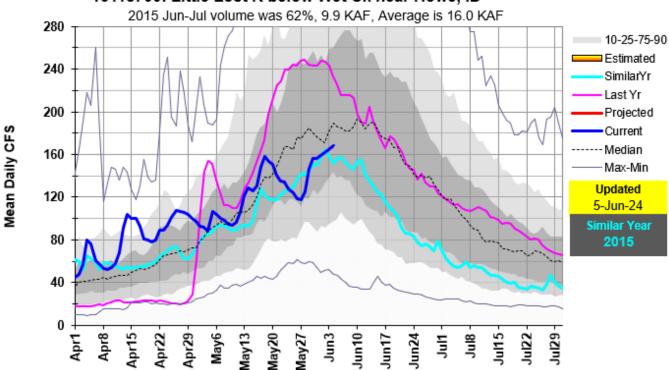








13118700: Little Lost R below Wet Ck near Howe, ID



Moving to southern Idaho – not much precip fell nor much snow left to melt, so rivers continued their downward recession trend.

Reporting Frequency: Daily; Date Range: 2024-05-31 to 202

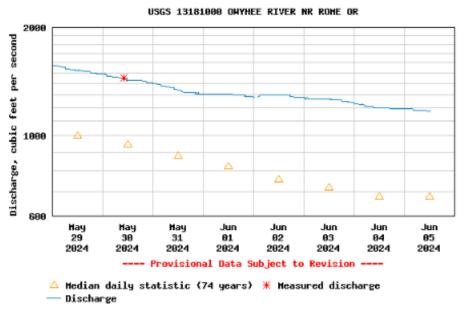
Daily Snowmelt Amount Daily Precip Amount Total Runoff Available

(As of: Tue Jun 04 20:39:41 GMT-08:00 2024)
Provisional data. subject to revision

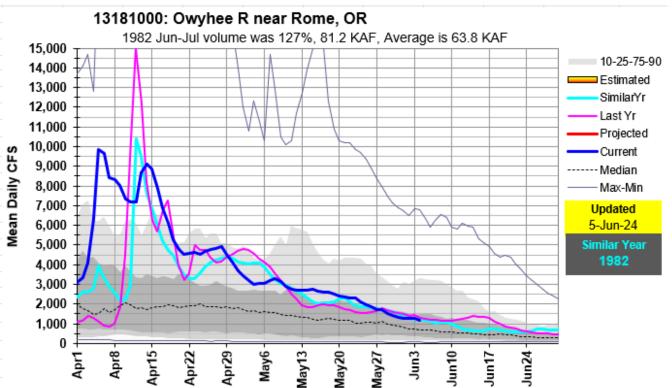
Provisional data, subject to						
Date ≎	Elevation (ft) \$	Station Name \$	Snow Water Equivalent (in) Start of Day Values ≎	Change In Snow Water Equivalent (in) \$	Precipitation Accumulation (in) Start of Day Values \$	Change In Precipitation Accumulation (in) •
2024-06-04	8140	Franklin Basin	0.0	0.0	40.7	0.9
2024-06-04	8474	Tony Grove Lake	10.8	-1.0	48.8	0.9
2024-06-01	8040	Bear Creek	0.0	0.0	29.9	0.8
2024-06-04	7250	Klondike Narrows	0.0	0.0	33.8	0.8
2024-06-04	6740	Oxford Spring	0.0	0.0	26.7	0.8
2024-06-04	6720	Pine Creek Pass	0.0	0.0	32.6	0.8
2024-06-04	7500	Bostetter R.S.	0.1	0.1	27.8	0.6
2024-06-04	6880	Magic Mountain	0.3	0.3	31.0	0.6
2024-05-31	8040	Bear Creek	0.0	0.0	29.1	0.5
2024-06-04	6800	Somsen Ranch	0.0	0.0	25.1	0.5
2024-06-04	7705	Garden City Summit	0.0	0.0	25.4	0.4
2024-06-04	7980	Howell Canyon	1.0	-1.2	41.5	0.4
2024-06-02	8040	Bear Creek	0.0	0.0	30.2	0.3

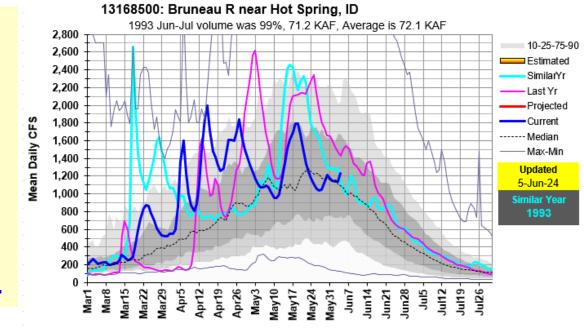
0.9 1.9 0.8 0.8

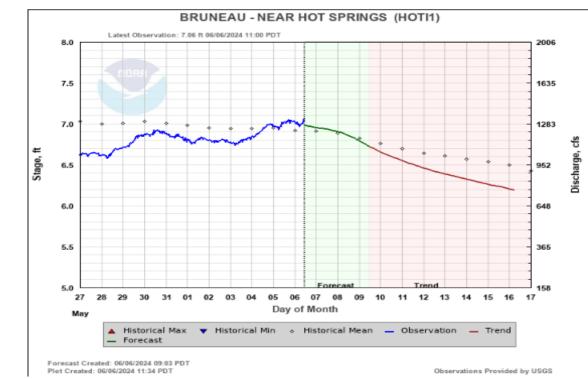
Table of SNOTEL sites sorted by the greatest Daily Precipitation amounts for sites from the Owyhee basin to Bear River basin.



The Owyhee had back-to-back amazing runoff years.
The Bruneau is even showing a slight uptick in flow from the higher snow still feeding the rivers.



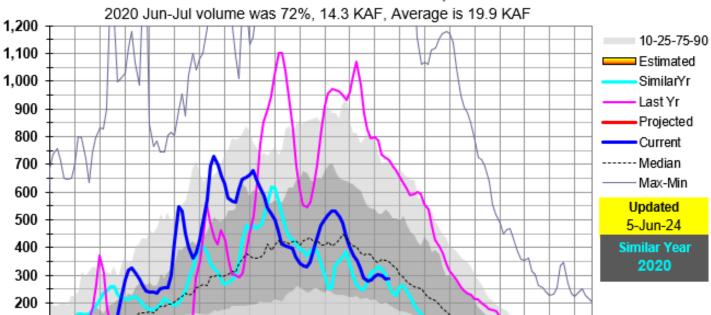




13105000: Salmon Falls Ck near San Jacinto, NV

Mean Daily CFS

100



May24

May17

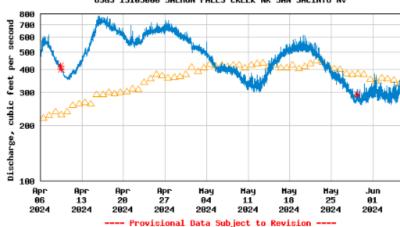
May31

Jun7 Jun14 Jun21 Jul5

Jul19

USGS 13105000 SALMON FALLS CREEK NR SAN JACINTO NV

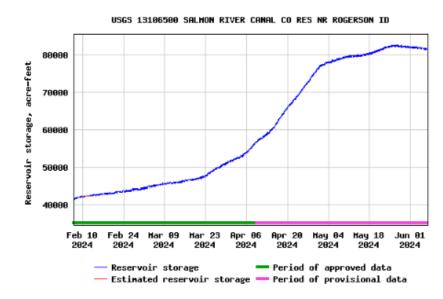
Apr19 Apr26 May3 May10



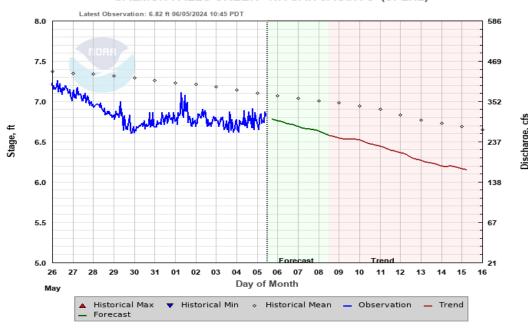
△ Median daily statistic (109 years) * Measured discharge — Discharge

Reservoir storage, acre-feet

Most recent instantaneous value: 81740 06-06-2024 11:30 MDT



SALMON FALLS CREEK - NR SAN JACINTO (SFLN2)



Forecast Created: 06/05/2024 09:40 PDT Plot Created: 06/05/2024 12:29 PDT

Upper Snake – plus 1 day. Had to wait a day to run delta reports as storm moved east.

Reporting Frequency: Daily; Date Range: 2024-06-01 to 20.

Daily Snowmelt Amount

Daily Precip Amount

Total Runoff **Available**

(As of: Wed Jun 05 11:40:31 GMT-08:00 2024) **Provisional data, subject to revision**

	(ft) \$	Station Name ≎	Water Equivalent (in) Start of Day Values ≎	Change In Snow Water Equivalent (in) ▼	Precipitation Accumulation (in) Start of Day Values \$	Change In Precipitation Accumulation (in) •	_
2024-06-04	7670	Cottonwood Creek	0.0	0.0	33.3	1.5	1.5
2024-06-04	7710	White Elephant	1.5	-1.0	36.1	1.3	2.3
2024-06-04	8200	Phillips Bench	11.9	-0.7	36.3	1.2	1.9
2024-06-04	8650	Blind Bull Sum	19.1	0.0	21.2	0.8	0.8
2024-06-04	6720	Pine Creek Pass	0.0	0.0	32.6	0.8	0.8
2024-06-05	8500	Triple Peak			32.3	0.8	0.8
2024-06-04	7850	Lewis Lake Divide	6.6	-1.3	42.1	0.7	2.0
2024-06-04	8170	Black Bear	24.0	-0.5	45.4	0.7	1.2
2024-06-04	7265	Grassy Lake	2.7	-1.0	40.9	0.6	1.6

Table of SNOTEL sites sorted by the greatest **Daily Precipitation amounts in Upper Snake.**

This report was run Jun 5 to pick up previous day's precip that was still falling.

Precip amounts varied in Upper Snake with highest daily amounts of 1.5" falling Jun 3 at **Cottonwood Creek in Wyoming.**

Upper Snake had more reaming snow.

Reporting Frequency: Daily; Date Range: 2024-06-01 to 2

Daily Snowmelt Amount Daily Precip Amount

Total
Runoff
Available

2.7

(As of: Wed Jun 05 11:40:31 GMT-08:00 2024) **Provisional data, subject to revision**

Provisional data, subject to			_			
Date ≎	Elevation (ft) \$	Station Name 💠	Snow Water Equivalent (in) Start of Day Values ≎	Change In Snow Water Equivalent (in) ▼	Precipitation Accumulation (in) Start of Day Values \$	Change In Precipitation Accumulation (in) A
2024-06-05	8650	Blind Bull Sum	16.5	-2.6	21.1	-0.1
2024-06-05	7850	Lewis Lake Divide	4.7	-1.9	42.1	0.0
2024-06-05	7265	Grassy Lake	1.0	-1.7	40.9	0.0
2024-06-01	8080	Willow Creek	9.1	-1.7	42.3	0.0
2024-06-02	7850	Lewis Lake Divide	9.0	-1.6	41.3	0.0
2024-06-02	8080	Willow Creek	7.6	-1.5	42.4	0.1
2024-06-05	8080	Willow Creek	4.0	-1.5	43.0	0.0
2024-06-02	8170	Black Bear	25.3	-1.4	44.6	0.0
2024-06-05	9260	Grand Targhee	34.2	-1.4	38.8	0.0
2024-06-02	7710	White Elephant	3.9	-1.4	34.8	0.0
2024-06-03	7710	White Elephant	2.5	-1.4	34.8	0.0
2024-06-04	7850	Lewis Lake Divide	6.6	-1.3	42.1	0.7

Not as much rain fell in Upper Snake but more snow was present to melt and sustain flows or generate another peak.

Adding the Daily Snowmelt (SWE decrease) to Daily Precip Amount provides the Total Runoff Available from these sites.

Below is the 5-Day Delta Report for Grand Targhee that shows melt rates are increasing and based on past analysis will reach 2"/day with these hot temps.

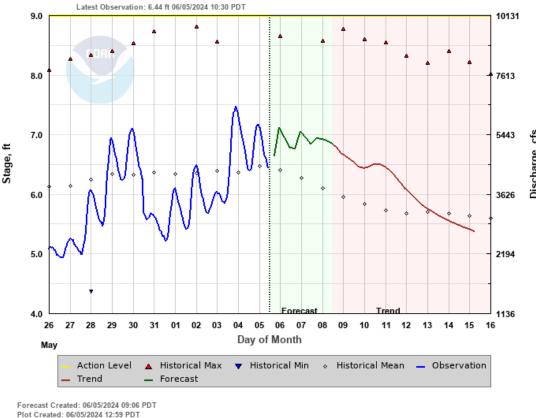
2.0
Reporting Frequency: Daily; Date Range: 2024-06-01 to 2024-06-05

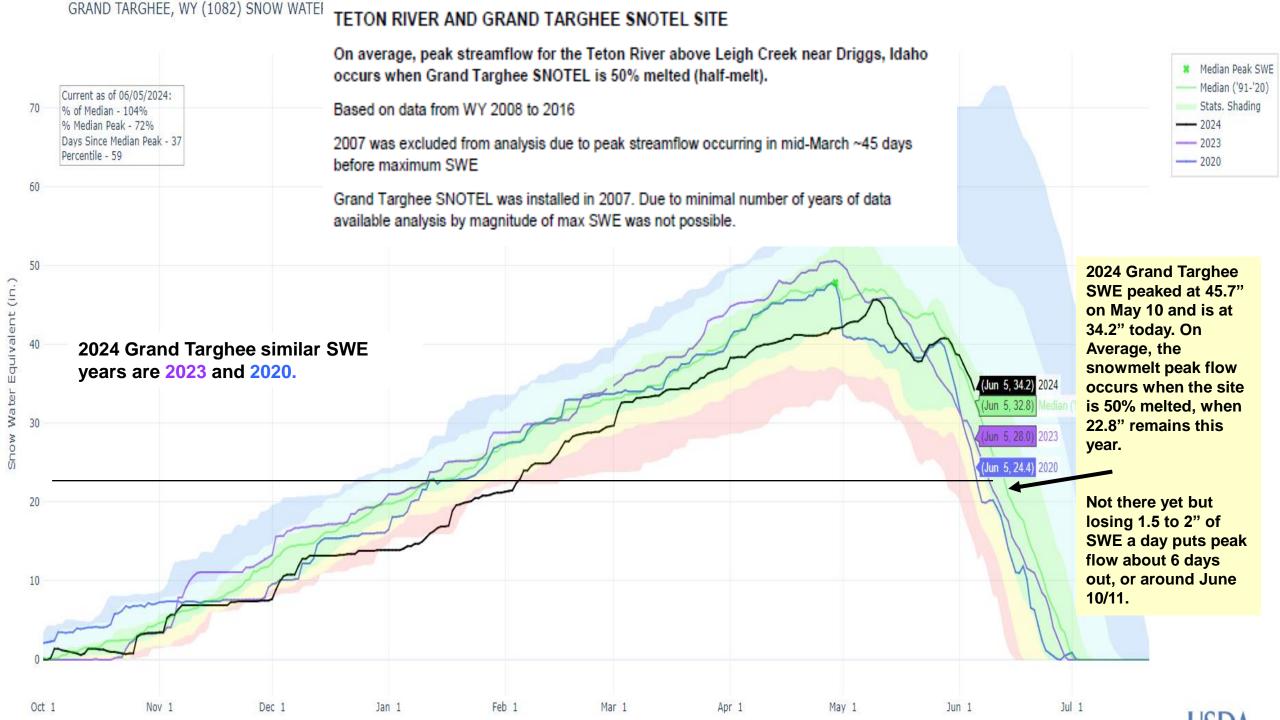
(As of: Wed Jun 05 11:51:04 GMT-08:00 2024)

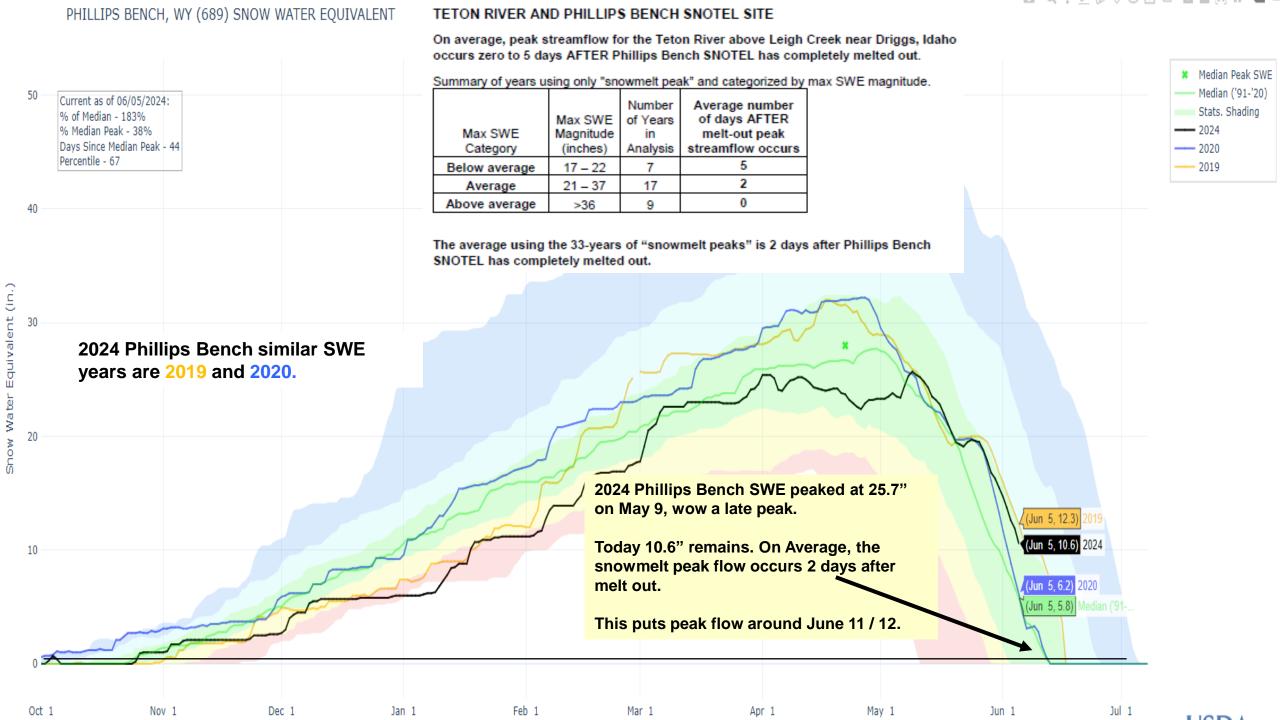
Provisional data, subject to revision									
Date ≎		clevation (ft) \$ Station Name \$		Snow Water Equivalent (in) Start of Day Values ≎	Change In Snow Water Equivalent (in) \$	Precipitation Accumulation (in) Start of Day Values \$	Change In Precipitation Accumulation (in) \$	Snow Depth (in) Start of Day Values ≎	Change In Snow Depth (in) \$
2024-06-01	9260	Grand Targhee		38.6	-0.2	38.6	0.0	84	-2
2024-06-02	9260	Grand Targhee		37.5	-1.1	38.6	0.0	81	-3
2024-06-03	9260	Grand Targhee		36.5	-1.0	38.6	0.0	79	-2
2024-06-04	9260	Grand Targhee		35.6	-0.9	38.8	0.2	76	-3
2024-06-05	9260	Grand Targhee		34.2	-1.4	38.8	0.0	73	-3

13010065: Snake R above Jackson Lake at Flagg Ranch, WY 2019 Jun-Jul volume was 102%, 237.6 KAF, Average is 232.5 KAF 6,500 10-25-75-90 6,000 Estimated 5,500 SimilarYr 5,000 Last Yr Projected 4,500 Mean Daily CFS Current 4,000 ----- Median 3,500 - Max-Min 3,000 Updated 5-Jun-24 2,500 Similar Year 2,000 2019 1,500 1,000 500 Apr15 May6 Jun10 Jun17 Jun24 Jul8 Jul15 Jul22 Jul29 USGS 13010065 SNAKE RIVER AB JACKSON LAKE AT FLAGG RANCH MY Stage, cubic Discharge, Арг 27 13 2024 2024 2024 2024 2024 2024 2024 2024 2024 Median daily statistic (40 years) ★ Measured discharge — Discharge

SNAKE - AB JACKSON L AT FLAGG R (FLGW4)







1,000

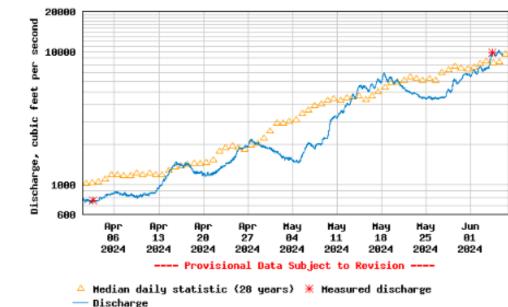
800

600

400

200





Max-Min

Updated 5-Jun-24

Similar Year 2016



Jun 10

Jul

May6

You know the spring runoff party is over when the Buffalo Fork peaks as its always the last to reach its snowmelt peak flow.

Bench.

Thanks Lyle S. for this fun hydro fact!

Let's hope La Nina brings plenty of snow and another exciting runoff season like this year. Soon we'll be talking about the Winter of 2024 - 2025!

