

A scenic landscape featuring snow-capped mountains, a valley with green fields, and a body of water reflecting the scene. The mountains are rugged and covered in patches of snow, with a clear blue sky above. The foreground shows a calm body of water that perfectly reflects the mountains and the sky. The middle ground consists of a lush green valley with rolling hills and fields.

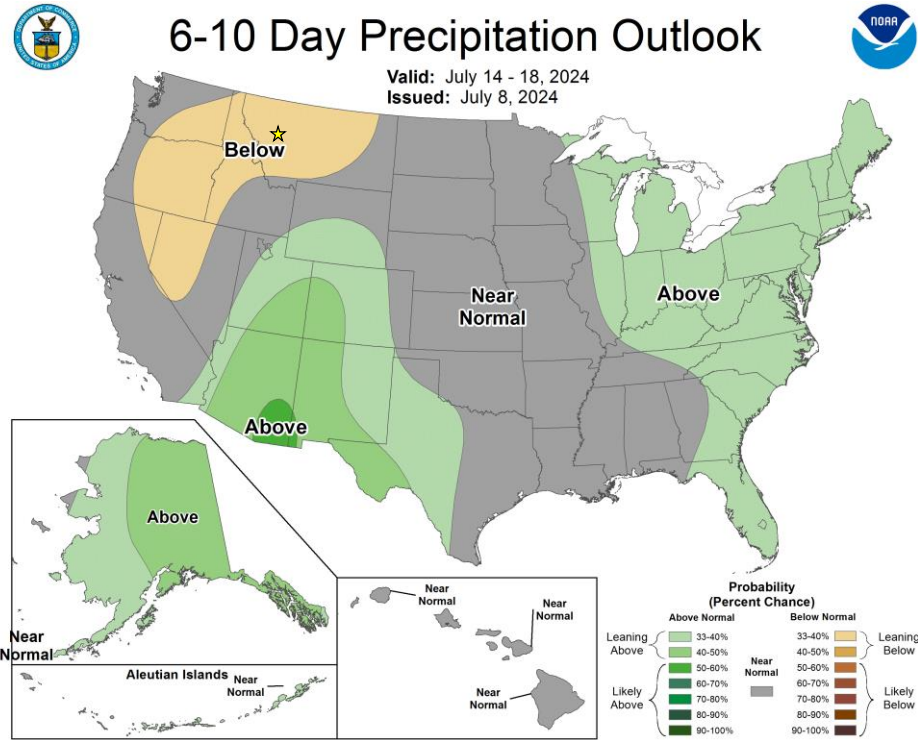
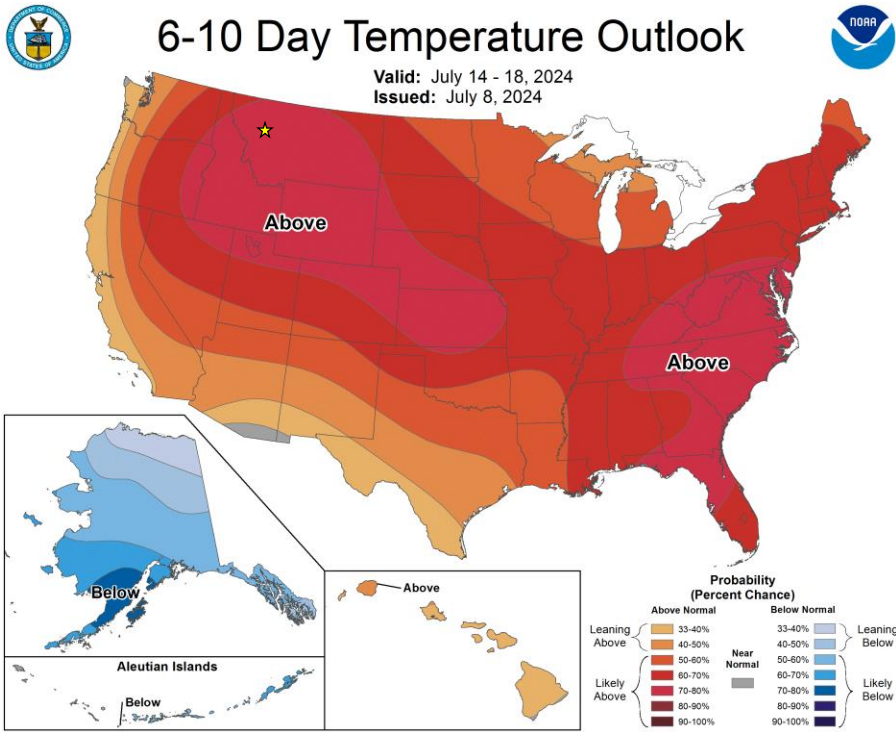
2024 Water Supply Update (07/10/24)

Approximate date	Purpose of Meeting
End of January	Review reservoir carryover and initial projection of water supply, tentatively categorize water-year type
End of February	Review reservoir carryover and initial projection of water supply, tentatively categorize water-year type, set March wet and normal year streamflow targets, modify MEF timing (if applicable) to match anticipated snowmelt runoff
End of March	Refine projection of water supply, tentatively categorize water-year type, and set April wet and normal streamflow targets, modify MEF timing (if applicable) to match anticipated snowmelt runoff
Mid-April	Refine projection of water supply, categorize water-year type, update wet and normal streamflow targets for the month, set initial RDAs based on water year type, modify MEF timing (if applicable) to match anticipated snowmelt runoff
Early May	Refine projection of water supply, update water-year type (if applicable), set wet and normal streamflow targets for the month, review initial RDAs based on water year type, taking into account any changes in water year type, modify MEF timing (if applicable) to match anticipated snowmelt runoff
Mid-May	Refine projection of water supply, update water-year type, update wet and normal streamflow targets for the month, update RDAs based on any changes in water year type, modify MEF timing (if applicable) to match anticipated snowmelt runoff
Early June	Refine projection of water supply, update water-year type (if applicable), set wet and normal streamflow targets for month, quantify portion of RDAs used to date, modify MEF timing (if applicable) to match anticipated snowmelt runoff
Mid June	Finalize projection of water supply and water-year type, update wet and normal streamflow targets for month, modify RDAs based on any changes in water year type, modify MEF timing (if applicable) to match anticipated snowmelt runoff
Early July	Set wet and normal streamflow targets for the month, evaluate RDAs, quantify portion of RDAs used to date
Mid July	Update wet and normal streamflow targets for the month
Early August	Set wet and normal streamflow targets for the month, evaluate RDAs, quantify portion of RDAs used to date
Early September	Set wet and normal streamflow targets for the month, quantify portion of RDAs used to date
Early October	Discuss annual reporting and water operations for the completed irrigation season, develop long-range forecast based on climatic indicators
Early December	Finalize annual reporting of water measurement, refine long-range forecast based on climatic indicators

Appendix

3.5 Timeline

6-10 Day Outlook – Issued July 8, 2024



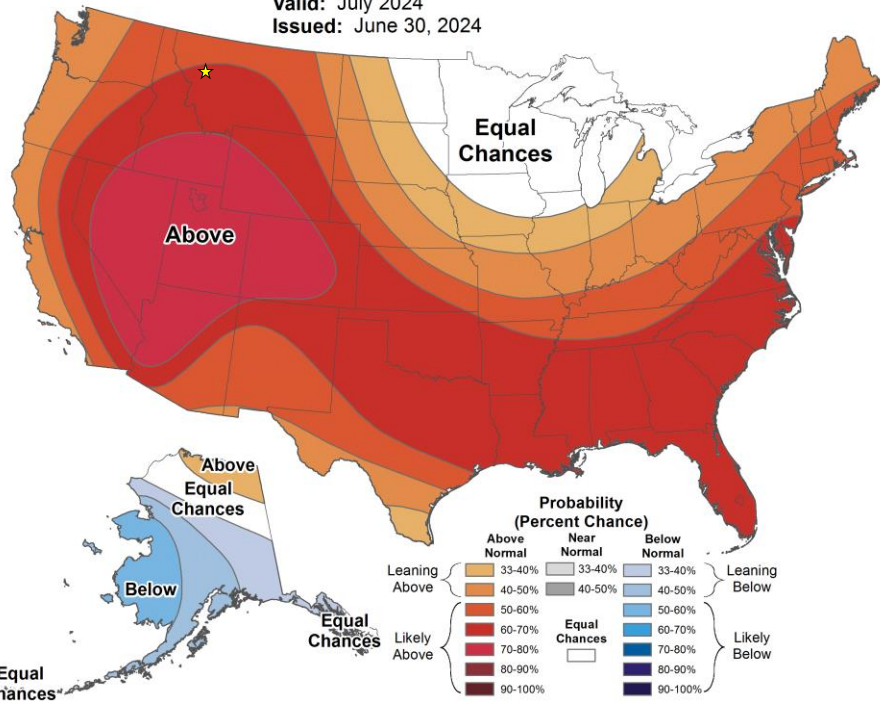
Monthly Outlooks – July 2024



Monthly Temperature Outlook



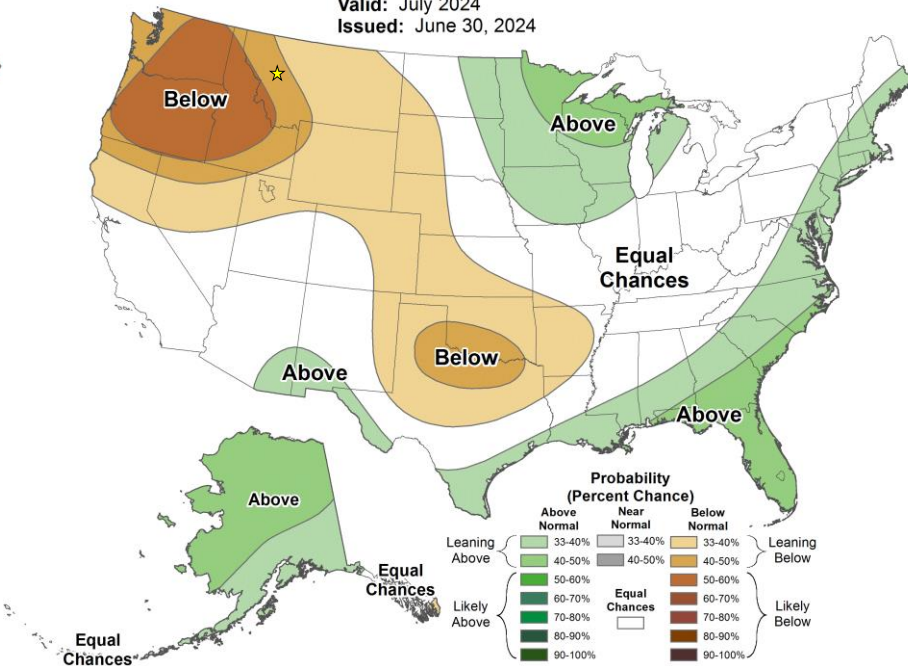
Valid: July 2024
Issued: June 30, 2024



Monthly Precipitation Outlook



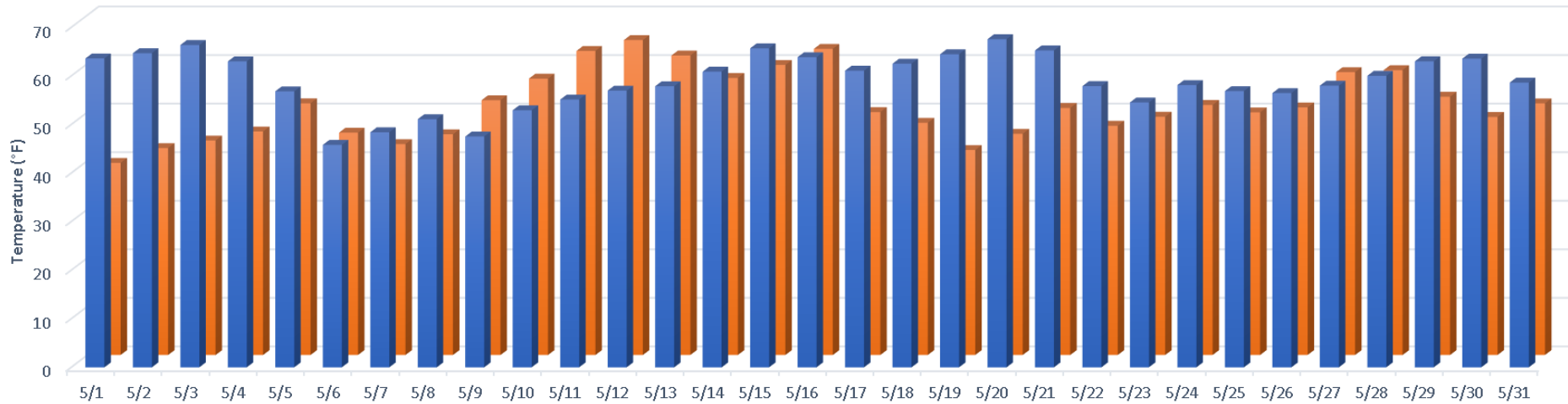
Valid: July 2024
Issued: June 30, 2024



MAY 2023 vs. MAY 2024 Average Daily Temps- St. Ignatius Agrimet

2023 Average: 59°F

2024 Average 51.4°F

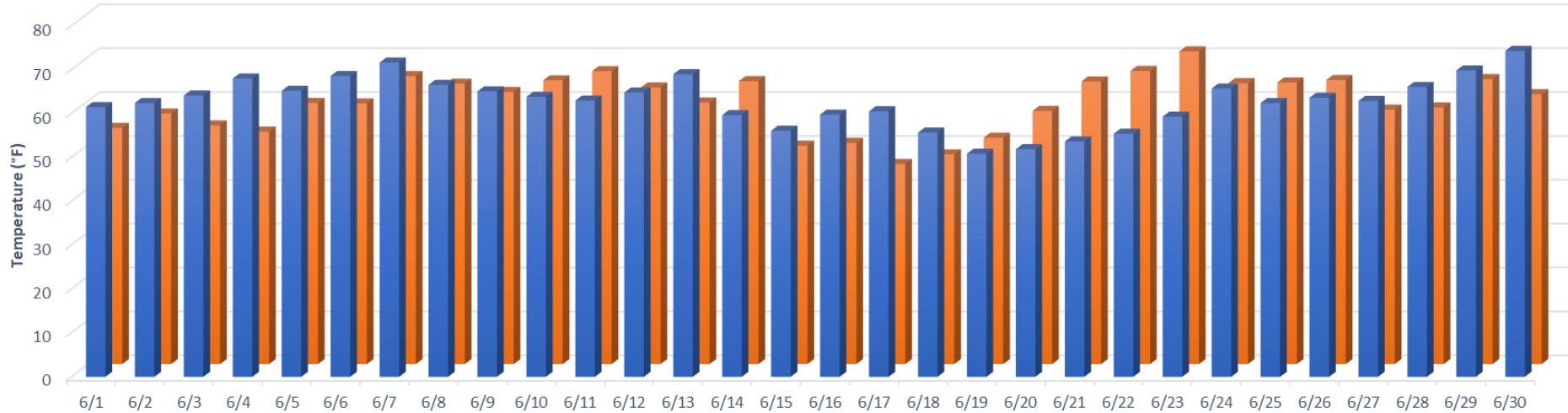
May 2000-2021 Mean Temperature: 53.5 °F

■ 2023 St. Ignatius Agrimet Temp ■ 2024 St. Ignatius Agrimet Temp

JUNE 2023 vs. JUNE 2024 Average Daily Temps- St. Ignatius Agrimet

2023 Average: 62.7°F

2024 Average 59.6°F



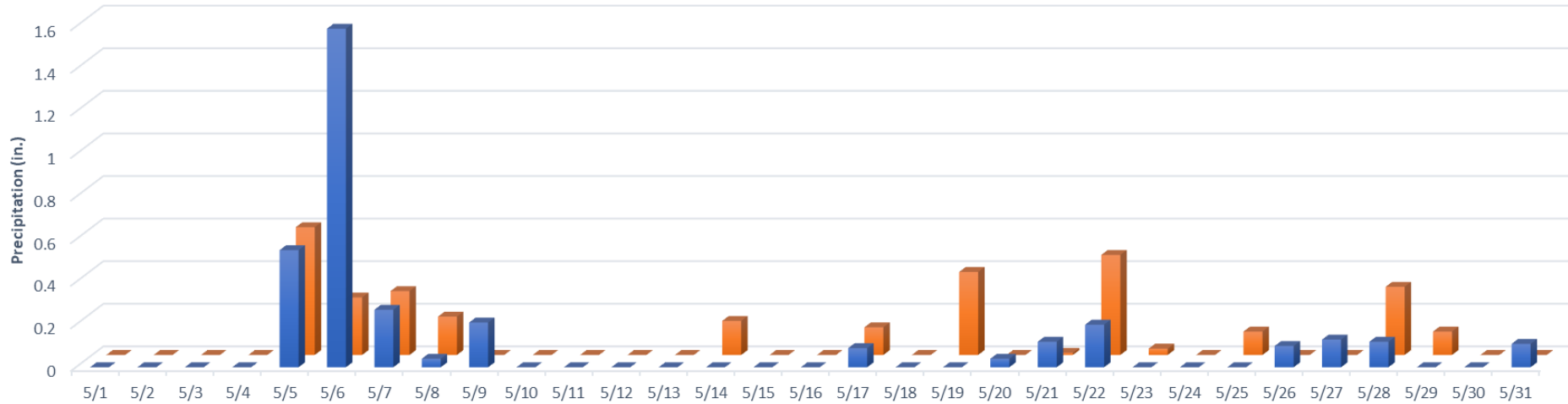
June 2000-2021 Mean Temperature: 60.7 °F

■ 2023 St. Ignatius Agrimet Temp ■ 2024 St. Ignatius Agrimet Temp

MAY 2023 vs. MAY 2024 Daily Precipitation - St. Ignatius Agrimet

2023 Total: 3.57 in.

2024 Total 3.08 in.



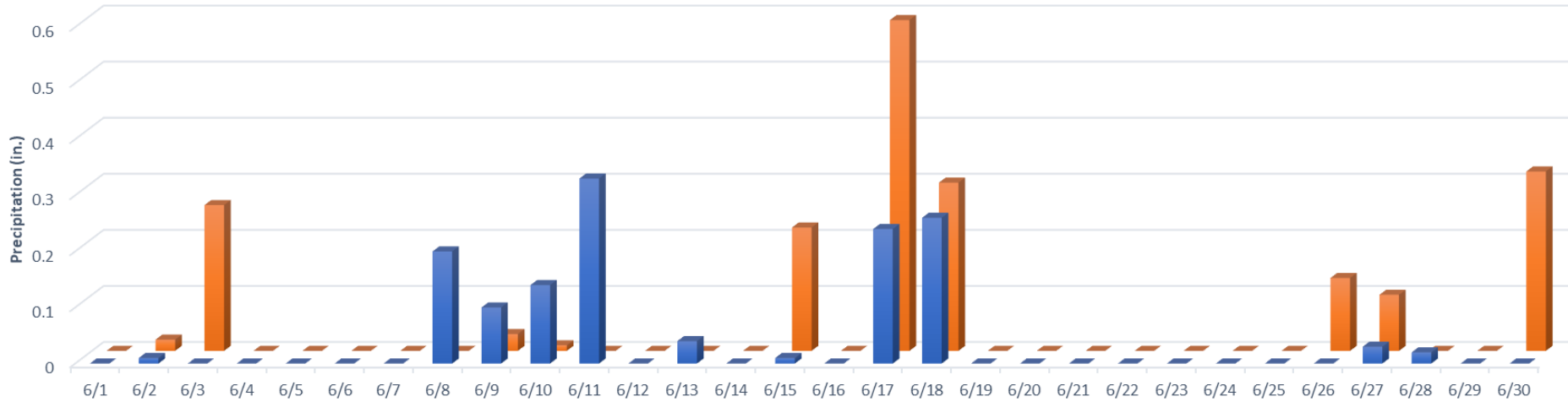
May 2000-2021 Mean Precipitation: 2.3 in.

■ 2023 St. Ignatius Agrimet Precip ■ 2024 St. Ignatius Agrimet Precip

JUNE 2023 vs. JUNE 2024 Daily Precipitation - St. Ignatius Agrimet

2023 Total: 1.38 in.

2024 Total 1.98 in.



June 2000-2021 Mean Precipitation: 2.1 in.

■ 2023 St. Ignatius Agrimet Precip ■ 2024 St. Ignatius Agrimet Precip

June 2024
STATS
(western MT)



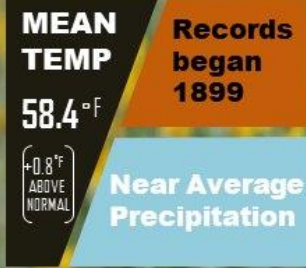
National Weather Service
Missoula, MT

@NWSMissoula X f

Kalispell

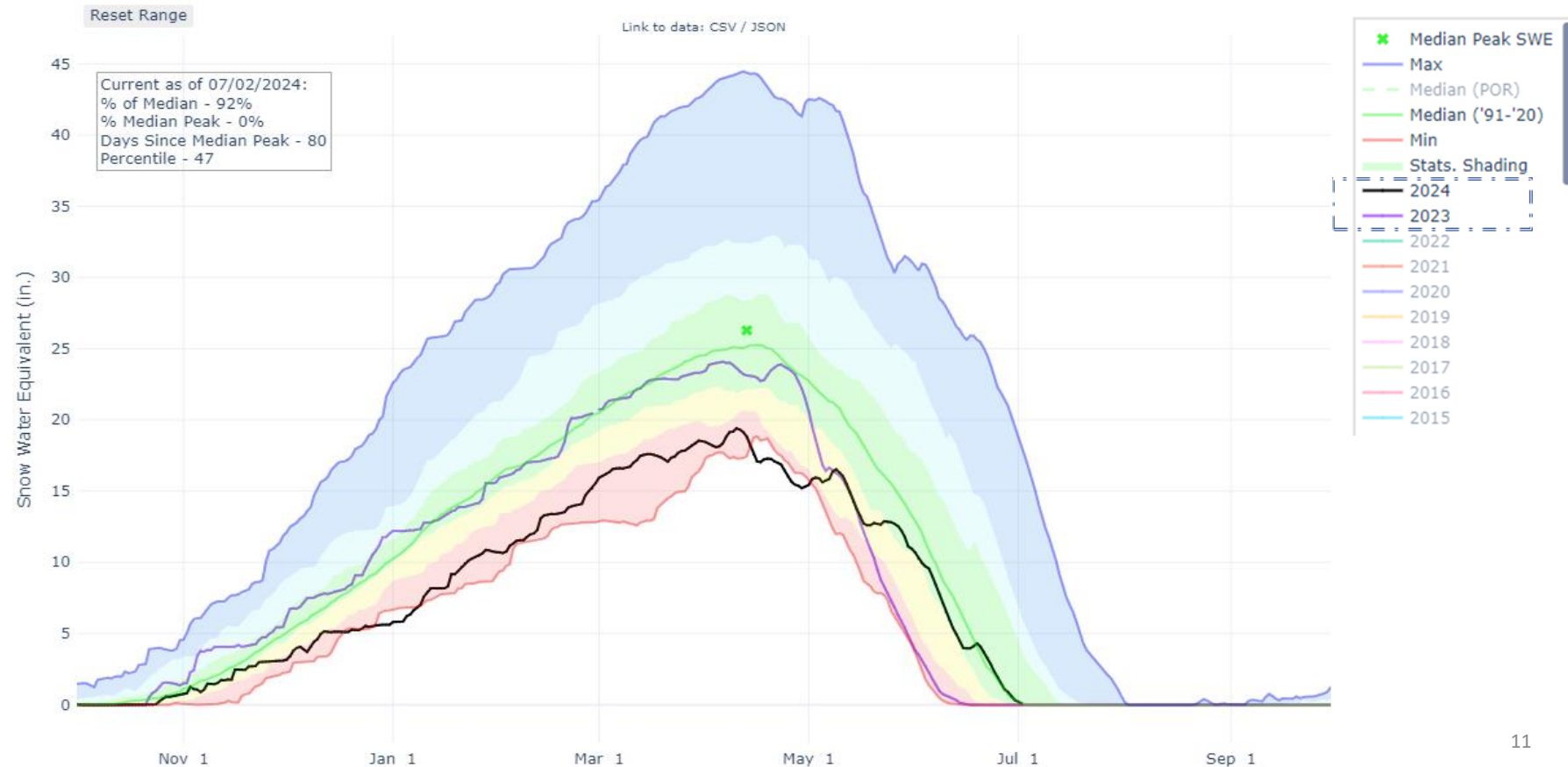
Missoula

Butte



St. Ignatius Agrimet
Near Average Precipitation
1.98"
(0.12" below normal)

AWS Plot | SNOW WATER EQUIVALENT IN FLATHEAD

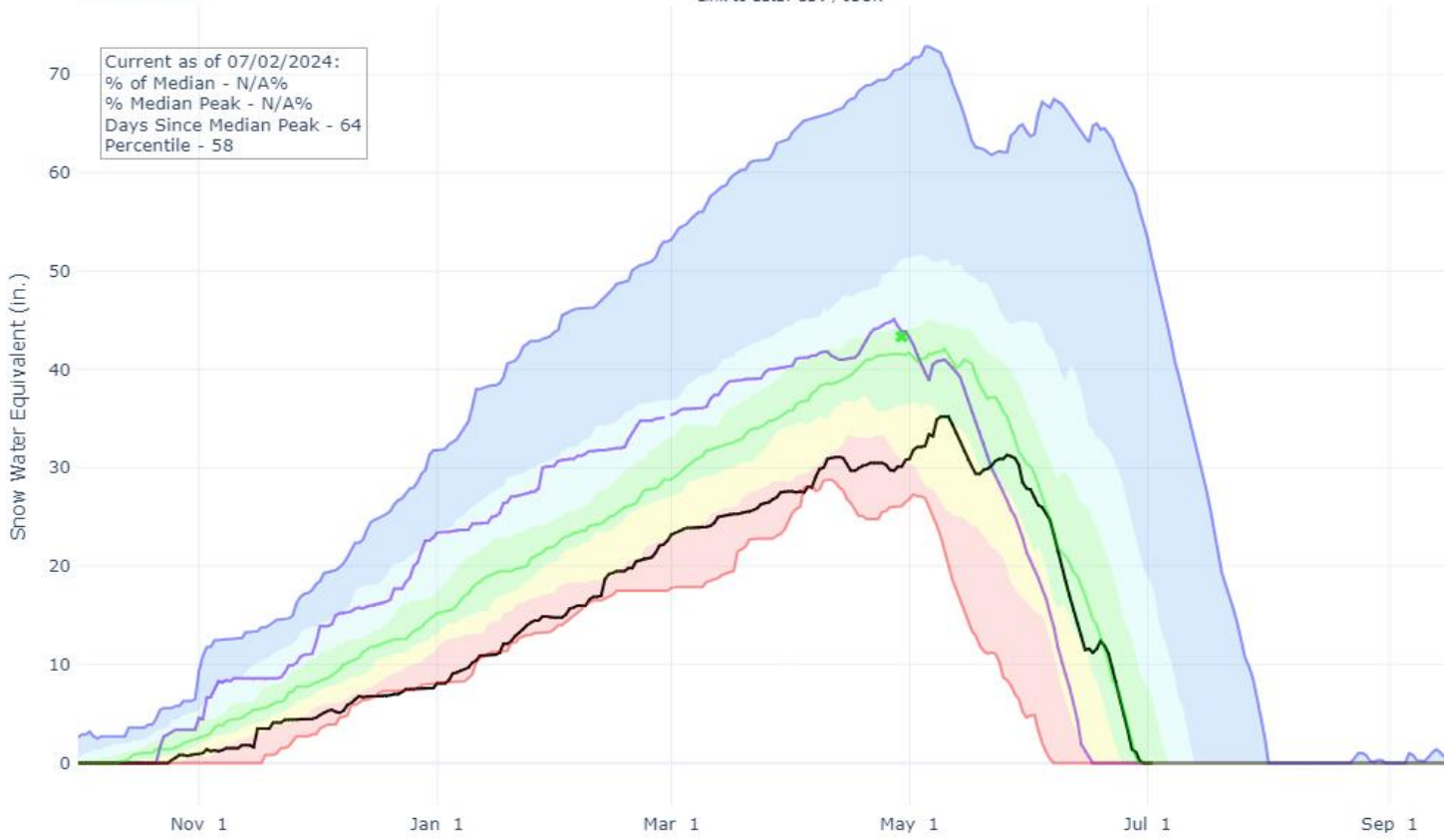


AWS Plot | MOSS PEAK, MT (646) SNOW WATER EQUIVALENT

Reset Range

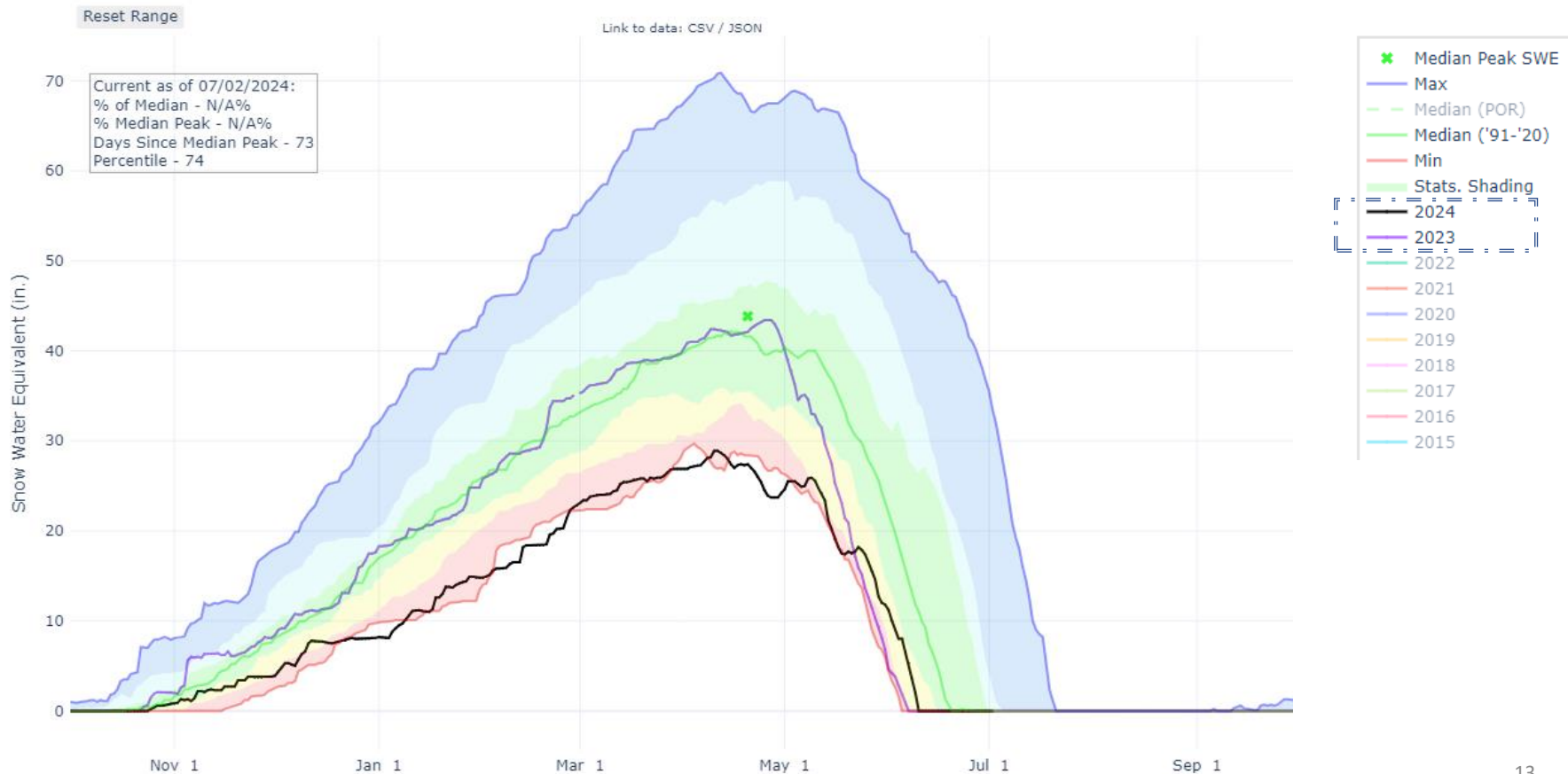
[Link to data: CSV / JSON](#)

Current as of 07/02/2024:
 % of Median - N/A%
 % Median Peak - N/A%
 Days Since Median Peak - 64
 Percentile - 58



- ✱ Median Peak SWE
- Max
- Median (POR)
- Median ('91-'20)
- Min
- Stats. Shading
- 2024
- 2023
- 2022
- 2021
- 2020
- 2019
- 2018
- 2017
- 2016
- 2015

AWS Plot | NORTH FORK JOCKO, MT (667) SNOW WATER EQUIVALENT



Observed (Measured) April Flows

Calculated as Mean Daily
Discharges converted
to Acre Feet Volumes

3521 South Crow		0600 Hellroaring		USGS S. Fork Jocko		3121 Mill Creek		USGS Mission Creek	
Date	Mean Q (cfs)	Date	Mean Q (cfs)	Date	Mean Q (cfs)	Date	Mean Q (cfs)	Date	Mean Q (cfs)
4/1/2024	8.4	4/1/2024	9.7	4/1/2024	18.7	4/1/2024	3.7	4/1/2024	14.6
4/2/2024	8.4	4/2/2024	9.9	4/2/2024	20.5	4/2/2024	3.8	4/2/2024	14.8
4/3/2024	9.0	4/3/2024	11.1	4/3/2024	27.2	4/3/2024	4.5	4/3/2024	18.7
4/4/2024	13.3	4/4/2024	11.7	4/4/2024	37.3	4/4/2024	5.6	4/4/2024	26
4/5/2024	15.9	4/5/2024	13.3	4/5/2024	48	4/5/2024	7.5	4/5/2024	32.3
4/6/2024	15.7	4/6/2024	13.1	4/6/2024	49.5	4/6/2024	8.3	4/6/2024	33.4
4/7/2024	14.0	4/7/2024	12.0	4/7/2024	46.6	4/7/2024	7.4	4/7/2024	33.1
4/8/2024	13.0	4/8/2024	10.7	4/8/2024	43.1	4/8/2024	6.9	4/8/2024	29.7
4/9/2024	12.6	4/9/2024	9.8	4/9/2024	43.3	4/9/2024	6.7	4/9/2024	27.1
4/10/2024	12.6	4/10/2024	9.0	4/10/2024	44.5	4/10/2024	6.8	4/10/2024	25.6
4/11/2024	12.8	4/11/2024	9.2	4/11/2024	47.5	4/11/2024	6.8	4/11/2024	24.4
4/12/2024	13.7	4/12/2024	9.8	4/12/2024	54.3	4/12/2024	7.0	4/12/2024	25.2
4/13/2024	18.4	4/13/2024	11.9	4/13/2024	71.7	4/13/2024	7.7	4/13/2024	32
4/14/2024	26.1	4/14/2024	15.2	4/14/2024	103	4/14/2024	8.9	4/14/2024	47
4/15/2024	31.6	4/15/2024	16.9	4/15/2024	139	4/15/2024	11.3	4/15/2024	61
4/16/2024	26.2	4/16/2024	16.5	4/16/2024	135	4/16/2024	14.6	4/16/2024	62.1
4/17/2024	22.8	4/17/2024	14.4	4/17/2024	111	4/17/2024	16.5	4/17/2024	55.7
4/18/2024	22.1	4/18/2024	12.4	4/18/2024	94.6	4/18/2024	15.8	4/18/2024	48.8
4/19/2024	20.0	4/19/2024	11.1	4/19/2024	85.5	4/19/2024	14.4	4/19/2024	42.1
4/20/2024	17.7	4/20/2024	9.9	4/20/2024	79.6	4/20/2024	13.5	4/20/2024	36.6
4/21/2024	16.4	4/21/2024	9.5	4/21/2024	76.9	4/21/2024	12.4	4/21/2024	33.7
4/22/2024	15.1	4/22/2024	9.0	4/22/2024	73.5	4/22/2024	11.2	4/22/2024	31.5
4/23/2024	14.4	4/23/2024	8.7	4/23/2024	73	4/23/2024	10.3	4/23/2024	29.6
4/24/2024	14.6	4/24/2024	8.7	4/24/2024	77.3	4/24/2024	9.5	4/24/2024	29.3
4/25/2024	16.1	4/25/2024	9.0	4/25/2024	85.7	4/25/2024	9.0	4/25/2024	33.1
4/26/2024	16.5	4/26/2024	9.2	4/26/2024	88.7	4/26/2024	9.6	4/26/2024	36.4
4/27/2024	16.7	4/27/2024	10.0	4/27/2024	93.7	4/27/2024	10.2	4/27/2024	38.5
4/28/2024	17.7	4/28/2024	10.8	4/28/2024	103	4/28/2024	11.2	4/28/2024	40.5
4/29/2024	17.1	4/29/2024	10.3	4/29/2024	98.3	4/29/2024	12.3	4/29/2024	38.6
4/30/2024	16.4	4/30/2024	9.9	4/30/2024	93.1	4/30/2024	13.5	4/30/2024	36.9
Acre Feet	983	Acre Feet	661	Acre Feet	4292	Acre Feet	569	Acre Feet	2060

Observed (Measured) May Flows

Calculated as Mean Daily
Discharges converted
to Acre Feet Volumes

3521 South Crow		0600 Hellroaring		USGS S. Fork Jocko		3121 Mill Creek		USGS Mission Creek	
Date	Mean Q (cfs)	Date	Mean Q (cfs)	Date	Mean Q (cfs)	Date	Mean Q (cfs)	Date	Mean Q (cfs)
5/1/2024	15.5	5/1/2024	9.6	5/1/2024	92	5/1/2024	14.1	5/1/2024	34.5
5/2/2024	15.2	5/2/2024	9.1	5/2/2024	89.9	5/2/2024	14.1	5/2/2024	33.9
5/3/2024	14.5	5/3/2024	8.7	5/3/2024	86.2	5/3/2024	13.5	5/3/2024	30.7
5/4/2024	13.8	5/4/2024	8.7	5/4/2024	83.5	5/4/2024	12.9	5/4/2024	29.4
5/5/2024	14.2	5/5/2024	9.6	5/5/2024	89.3	5/5/2024	12.3	5/5/2024	31
5/6/2024	27.8	5/6/2024	18.1	5/6/2024	111	5/6/2024	11.8	5/6/2024	47.8
5/7/2024	25.3	5/7/2024	15.8	5/7/2024	107	5/7/2024	11.1	5/7/2024	47.3
5/8/2024	25.0	5/8/2024	14.9	5/8/2024	109	5/8/2024	11.3	5/8/2024	52.4
5/9/2024	25.1	5/9/2024	14.6	5/9/2024	109	5/9/2024	11.3	5/9/2024	45.7
5/10/2024	29.8	5/10/2024	16.1	5/10/2024	116	5/10/2024	11.4	5/10/2024	53.3
5/11/2024	38.1	5/11/2024	19.0	5/11/2024	137	5/11/2024	11.7	5/11/2024	69.3
5/12/2024	46.7	5/12/2024	22.7	5/12/2024	163	5/12/2024	14.0	5/12/2024	106
5/13/2024	59.1	5/13/2024	28.6	5/13/2024	194	5/13/2024	18.3	5/13/2024	153
5/14/2024	66.7	5/14/2024	32.9	5/14/2024	229	5/14/2024	20.7	5/14/2024	186
5/15/2024	64.1	5/15/2024	31.7	5/15/2024	250	5/15/2024	21.3	5/15/2024	181
5/16/2024	64.2	5/16/2024	34.1	5/16/2024	253	5/16/2024	21.1	5/16/2024	173
5/17/2024	83.2	5/17/2024	39.9	5/17/2024	277	5/17/2024	21.2	5/17/2024	194
5/18/2024	69.6	5/18/2024	27.5	5/18/2024	245	5/18/2024	19.9	5/18/2024	144
5/19/2024	53.4	5/19/2024	21.2	5/19/2024	230	5/19/2024	18.6	5/19/2024	108
5/20/2024	45.0	5/20/2024	18.1	5/20/2024	209	5/20/2024	16.8	5/20/2024	85.4
5/21/2024	38.4	5/21/2024	16.3	5/21/2024	197	5/21/2024	15.8	5/21/2024	73.7
5/22/2024	37.9	5/22/2024	17.0	5/22/2024	197	5/22/2024	15.1	5/22/2024	74.2
5/23/2024	39.5	5/23/2024	17.0	5/23/2024	201	5/23/2024	13.8	5/23/2024	77.1
5/24/2024	36.5	5/24/2024	17.7	5/24/2024	194	5/24/2024	12.6	5/24/2024	73.2
5/25/2024	34.8	5/25/2024	17.6	5/25/2024	191	5/25/2024	11.7	5/25/2024	69.9
5/26/2024	33.4	5/26/2024	17.0	5/26/2024	191	5/26/2024	10.9	5/26/2024	66.9
5/27/2024	30.6	5/27/2024	16.4	5/27/2024	183	5/27/2024	10.1	5/27/2024	64.2
5/28/2024	33.0	5/28/2024	18.4	5/28/2024	187	5/28/2024	9.8	5/28/2024	76.8
5/29/2024	63.1	5/29/2024	28.8	5/29/2024	237	5/29/2024	9.5	5/29/2024	185
5/30/2024	71.9	5/30/2024	23.4	5/30/2024	231	5/30/2024	9.0	5/30/2024	156
5/31/2024	58.4	5/31/2024	19.6	5/31/2024	208	5/31/2024	8.8	5/31/2024	108
Acre Feet	2527	Acre Feet	1211	Acre Feet	10707	Acre Feet	862	Acre Feet	5616

Observed (Measured) June Flows

Calculated as Mean Daily
Discharges converted
to Acre Feet Volumes

3521 South Crow		0600 Hellroaring		USGS S. Fork Jocko		3121 Mill Creek		USGS Mission Creek	
Date	Mean Q (cfs)	Date	Mean Q (cfs)	Date	Mean Q (cfs)	Date	Mean Q (cfs)	Date	Mean Q (cfs)
6/1/2024	50.5	6/1/2024	18.5	6/1/2024	196	6/1/2024	8.7	6/1/2024	64
6/2/2024	48.3	6/2/2024	18.9	6/2/2024	191	6/2/2024	8.7	6/2/2024	63
6/3/2024	58.6	6/3/2024	25.9	6/3/2024	209	6/3/2024	9.4	6/3/2024	102
6/4/2024	75.4	6/4/2024	25.8	6/4/2024	213	6/4/2024	9.2	6/4/2024	130
6/5/2024	69.9	6/5/2024	23.7	6/5/2024	200	6/5/2024	8.6	6/5/2024	100
6/6/2024	69.4	6/6/2024	22.8	6/6/2024	195	6/6/2024	8.2	6/6/2024	110
6/7/2024	75.4	6/7/2024	23.9	6/7/2024	194	6/7/2024	7.9	6/7/2024	139
6/8/2024	74.0	6/8/2024	24.2	6/8/2024	193	6/8/2024	7.7	6/8/2024	167
6/9/2024	75.7	6/9/2024	22.6	6/9/2024	187	6/9/2024	7.4	6/9/2024	154
6/10/2024	78.7	6/10/2024	22.6	6/10/2024	185	6/10/2024	7.0	6/10/2024	183
6/11/2024	80.9	6/11/2024	21.9	6/11/2024	176	6/11/2024	6.7	6/11/2024	172
6/12/2024	76.5	6/12/2024	20.3	6/12/2024	164	6/12/2024	6.4	6/12/2024	143
6/13/2024	67.1	6/13/2024	18.3	6/13/2024	153	6/13/2024	6.2	6/13/2024	111
6/14/2024	58.9	6/14/2024	17.1	6/14/2024	144	6/14/2024	6.0	6/14/2024	101
6/15/2024	56.5	6/15/2024	16.7	6/15/2024	139	6/15/2024	5.9	6/15/2024	104
6/16/2024	53.8	6/16/2024	15.3	6/16/2024	134	6/16/2024	5.9	6/16/2024	65
6/17/2024	50.4	6/17/2024	15.0	6/17/2024	133	6/17/2024	5.7	6/17/2024	44
6/18/2024	47.1	6/18/2024	15.3	6/18/2024	132	6/18/2024	5.9	6/18/2024	35
6/19/2024	43.1	6/19/2024	14.9	6/19/2024	125	6/19/2024	5.7	6/19/2024	29
6/20/2024	38.8	6/20/2024	13.7	6/20/2024	115	6/20/2024	5.3	6/20/2024	26
6/21/2024	36.7	6/21/2024	13.1	6/21/2024	109	6/21/2024	5.1	6/21/2024	31
6/22/2024	37.9	6/22/2024	13.0	6/22/2024	104	6/22/2024	4.8	6/22/2024	49
6/23/2024	40.4	6/23/2024	12.8	6/23/2024	99.1	6/23/2024	4.6	6/23/2024	67
6/24/2024	47.7	6/24/2024	12.5	6/24/2024	94.4	6/24/2024	4.3	6/24/2024	92
6/25/2024	50.4	6/25/2024	12.4	6/25/2024	90.9	6/25/2024	4.2	6/25/2024	77
6/26/2024	49.4	6/26/2024	11.8	6/26/2024	88.6	6/26/2024	4.1	6/26/2024	65
6/27/2024	49.8	6/27/2024	14.5	6/27/2024	94.4	6/27/2024	4.3	6/27/2024	77
6/28/2024	49.1	6/28/2024	13.3	6/28/2024	90.5	6/28/2024	4.3	6/28/2024	59
6/29/2024	44.7	6/29/2024	12.5	6/29/2024	84.6	6/29/2024	4.0	6/29/2024	43
6/30/2024	42.0	6/30/2024	13.4	6/30/2024	81.8	6/30/2024	4.3	6/30/2024	48
Acre Feet	3367	Acre Feet	1045	Acre Feet	8562	Acre Feet	371	Acre Feet	5256

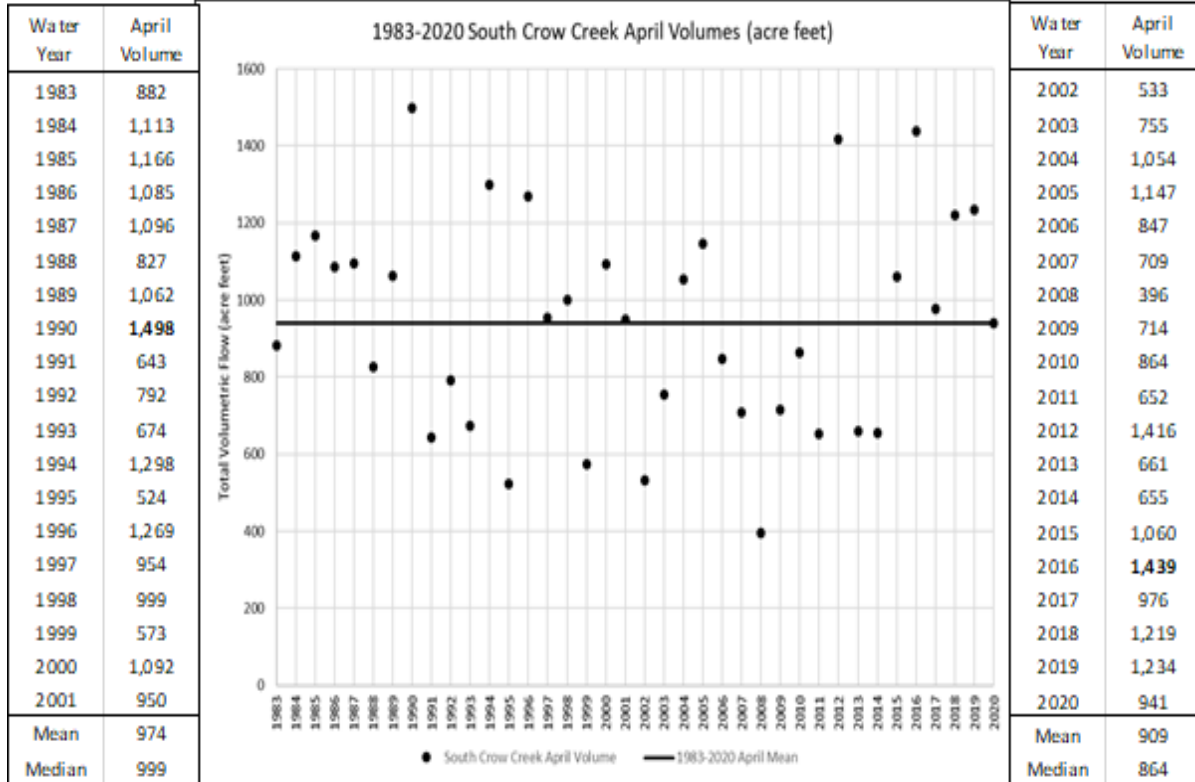
Observed (Measured) April - June Total Flows

3521 South Crow		0600 Hellroaring		USGS S. Fork Jocko		3121 Mill Creek		USGS Mission Creek	
Month	Acre Feet	Month	Acre Feet	Month	Acre Feet	Month	Acre Feet	Month	Acre Feet
April	983	April	661	April	4,292	April	569	April	2,060
May	2,527	May	1,211	May	10,707	May	862	May	5,616
June	3,367	June	1,045	June	8,562	June	371	June	5,256
Total	6,900	Total	2,900	Total	23,600	Total	1,800	Total	12,900

Note** The above "Total" Row represents the April-June volumetric totals

Volumes are rounded to 2-3 significant digits to be consistent with input values.

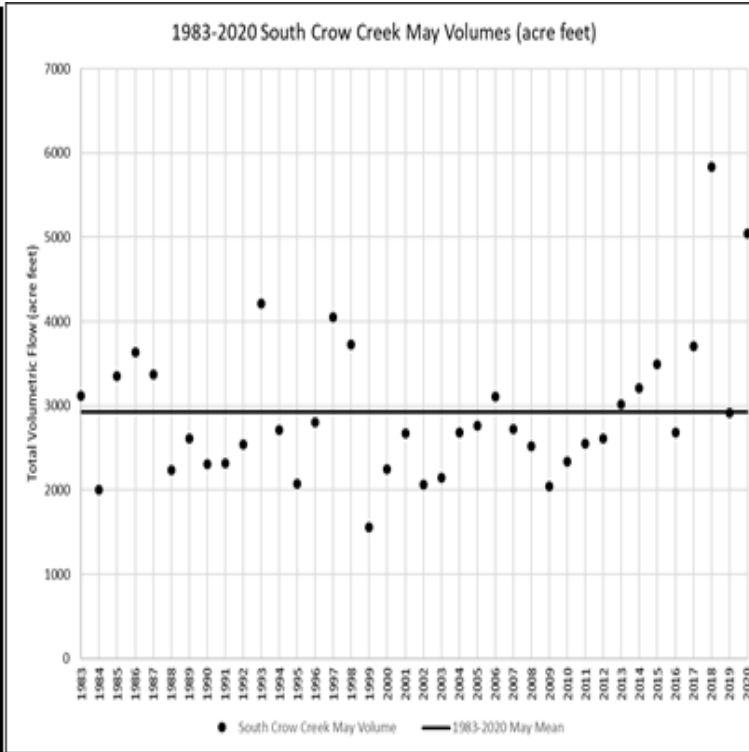
South Crow Historical Monthly



3521 South Crow	
Month	Acre Feet
April	983
May	2,527
June	3,367
Total	6,900

South Crow Historical Monthly

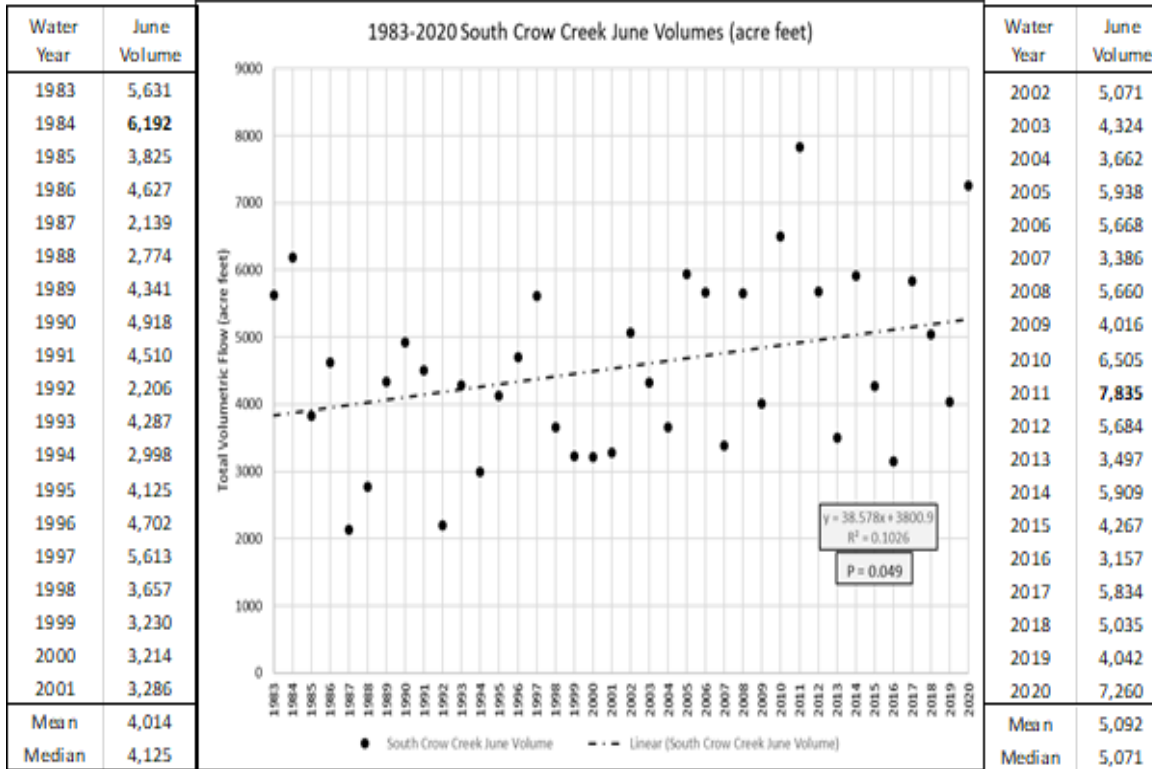
Water Year	May Volume
1983	3,123
1984	2,005
1985	3,353
1986	3,637
1987	3,367
1988	2,232
1989	2,609
1990	2,303
1991	2,317
1992	2,543
1993	4,218
1994	2,716
1995	2,078
1996	2,801
1997	4,049
1998	3,722
1999	1,557
2000	2,242
2001	2,670
Mean	2,818
Median	2,670



Water Year	May Volume
2002	2,069
2003	2,142
2004	2,683
2005	2,766
2006	3,113
2007	2,726
2008	2,520
2009	2,041
2010	2,340
2011	2,547
2012	2,616
2013	3,017
2014	3,209
2015	3,493
2016	2,682
2017	3,706
2018	5,832
2019	2,921
2020	5,042
Mean	3,024
Median	2,726

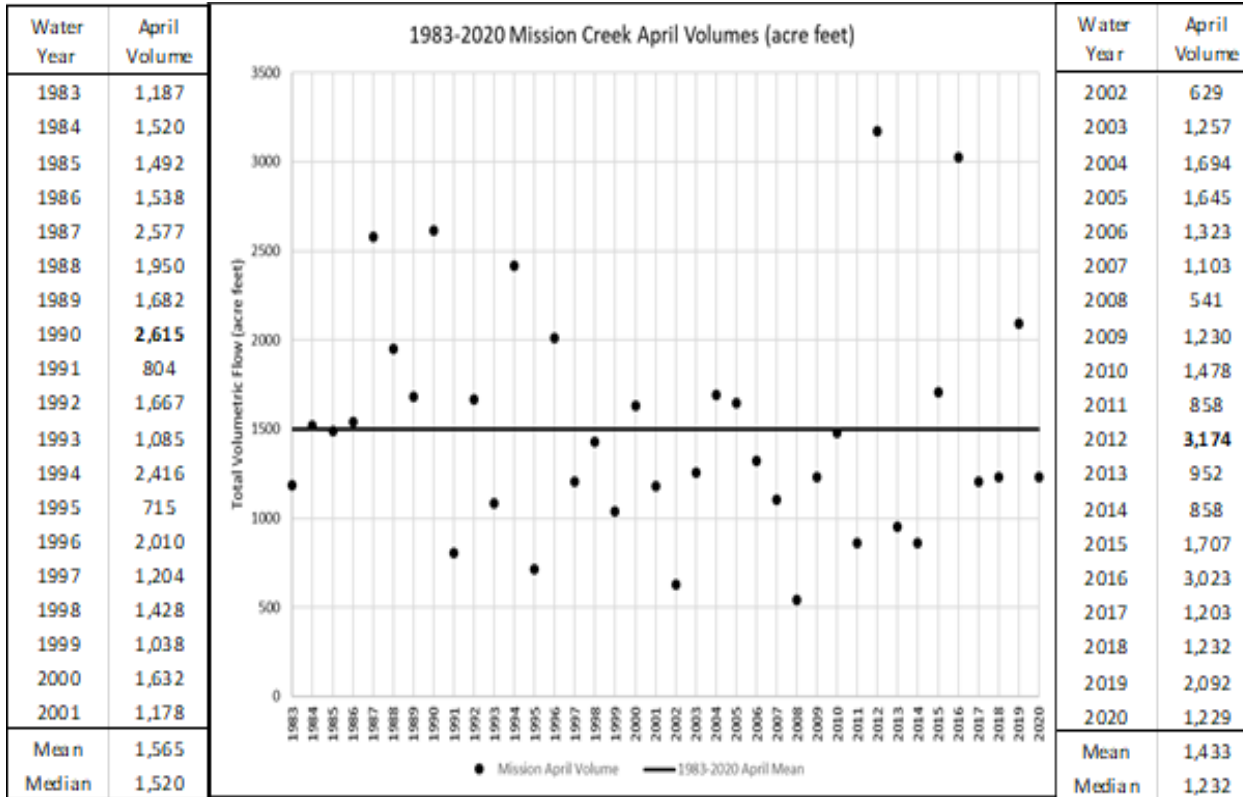
3521 South Crow	
Month	Acre Feet
April	983
May	2,527
June	3,367
Total	6,900

South Crow Historical Monthly



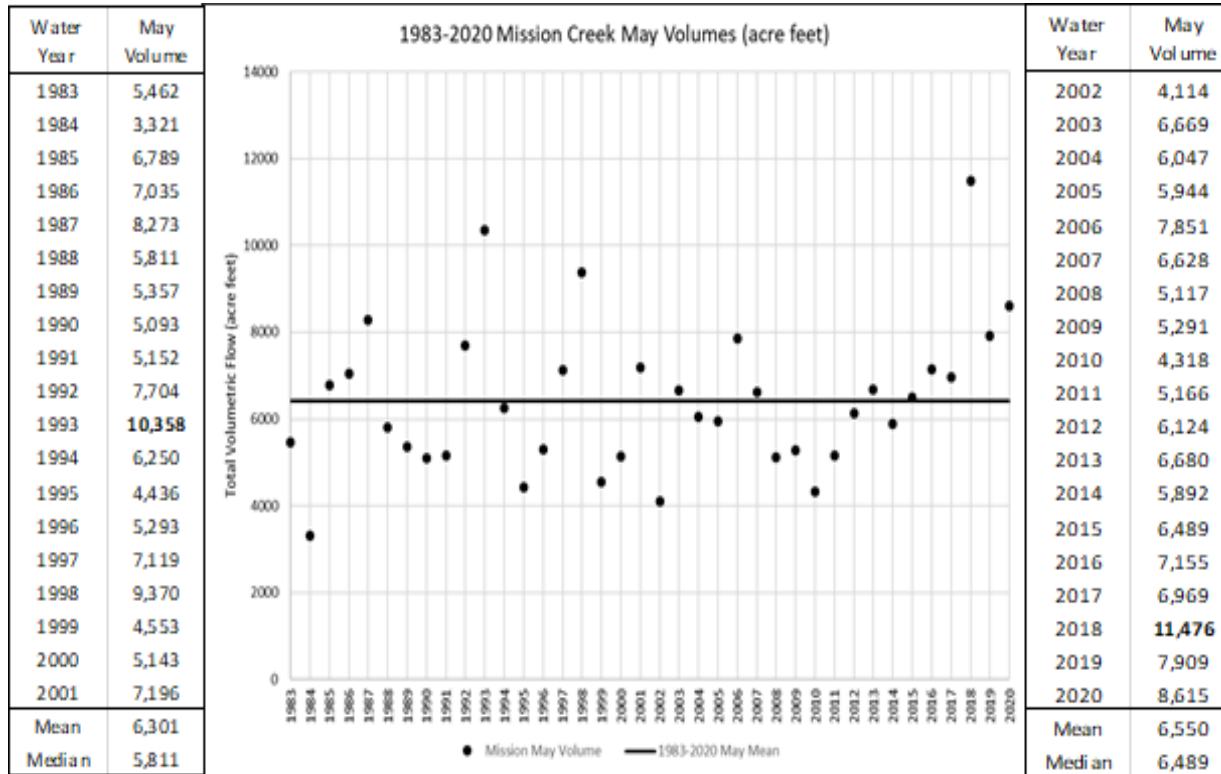
3521 South Crow	
Month	Acres Feet
April	983
May	2,527
June	3,367
Total	6,900

Mission Creek Historical Monthly



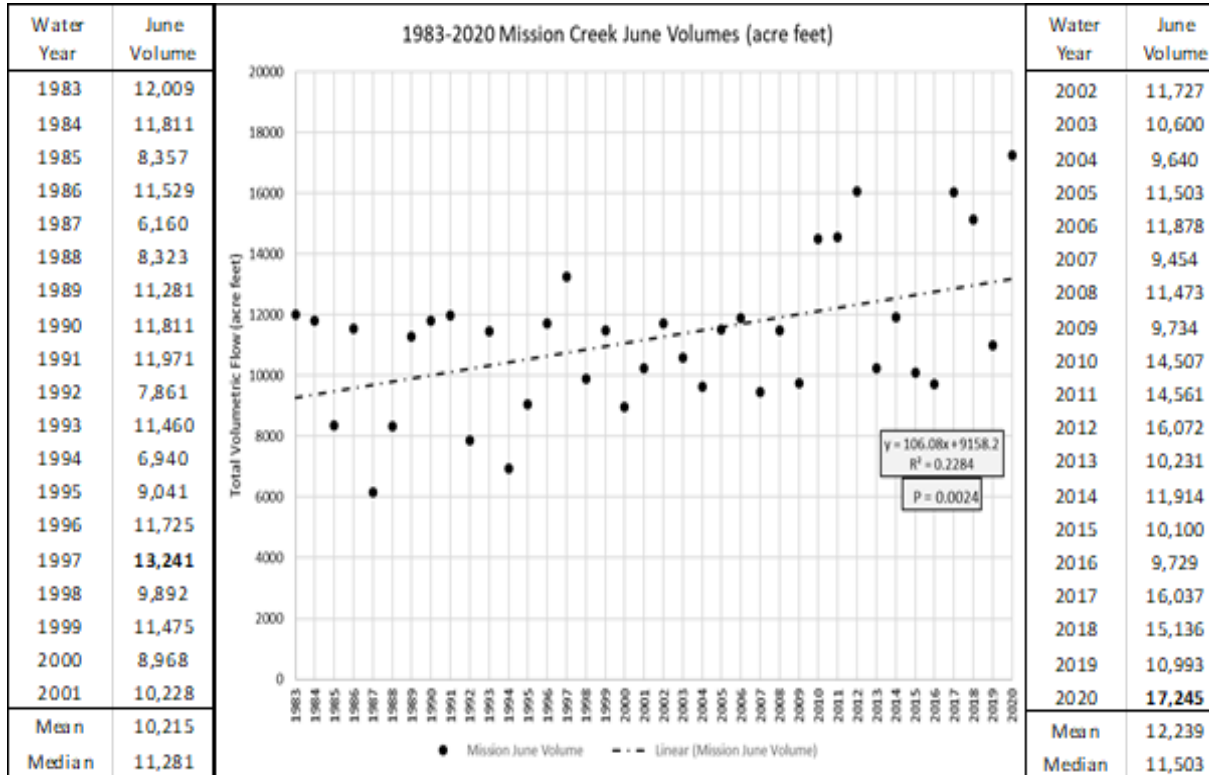
USGS Mission Creek	
Month	Acre Feet
April	2,060
May	5,616
June	5,256
Total	12,900

Mission Creek Historical Monthly



USGS Mission Creek	
Month	Acre Feet
April	2,060
May	5,616
June	5,256
Total	12,900

Mission Creek Historical Monthly



USGS Mission Creek	
Month	Acre Feet
April	2,060
May	5,616
June	5,256
Total	12,900

3521 South Crow		0600 Hellroaring		USGS S. Fork Jocko		3121 Mill Creek		USGS Mission Creek	
% Low End of Normal Threshold	90%	% Low End of Normal Threshold	87%	% Low End of Normal Threshold	98%	% Low End of Normal Threshold	82%	% Low End of Normal Threshold	61%*

** Includes 36 days of estimated data.*

➤ 5/22/24 to 6/26/2024

2024 Forecast Comparison

APRIL 1 Forecast					
Geographic Area	Gage Site	70%	50%	30%	% Median
Jocko	South Fork Jocko near Arlee	22,000	25,000	29,000	71%
Mission	Mission Creek near St. Ignatius	23,000	25,000	27,000	96%
	South Crow Creek near Ronan	8,600	9,300	10,500	93%
	Hellroaring Creek	3,200	3,500	4,000	85%
Little Bitterroot	Mill Creek above Bassoo Creek near Niarada	2,100	2,600	3,100	55%

MAY 1 Forecast (Observed April Flows + May-July Forecast)					
Geographic Area	Gage Site	70%	50%	30%	% Median
Jocko	South Fork Jocko near Arlee	22,230	24,130	27,330	69%
Mission	Mission Creek near St. Ignatius	19,930	22,030	25,030	85%
	South Crow Creek near Ronan	7,180	8,580	9,080	86%
	Hellroaring Creek	3,160	3,360	3,660	82%
Little Bitterroot	Mill Creek above Bassoo Creek near Niarada	2,020	2,290	2,670	49%

MAY 14 Forecast (Observed April Flows + Revised May-July Forecast)					
Geographic Area	Gage Site	70%	50%	30%	% Median
Jocko	South Fork Jocko near Arlee	24,790	27,090	29,790	77%
Mission	Mission Creek near St. Ignatius	23,060	24,360	26,060	93%
	South Crow Creek near Ronan	8,280	9,080	9,880	91%
	Hellroaring Creek	3,360	3,660	3,960	89%
	Little Bitterroot	Mill Creek above Bassoo Creek near Niarada	2,170	2,570	3,070

JUNE Forecast (Observed April/May Flows + June thru July Forecast)					
Geographic Area	Gage Site	70%	50%	30%	% Median
Jocko	South Fork Jocko near Arlee	27,400	29,400	31,400	75%
Mission	Mission Creek near St. Ignatius	21,300	23,100	24,900	85%
	South Crow Creek near Ronan	9,000	9,600	10,200	86%
	Hellroaring Creek	3,660	3,830	4,100	88%
Little Bitterroot	Mill Creek above Bassoo Creek near Niarada	2,200	2,380	2,590	93%

Gage Site	Dry Year	Normal Year	Wet Year
South Fork Jocko near Arlee	<24,000	24,000 - 36,000	>36,000
Mission Creek near St. Ignatius	<21,100	21,100 - 29,000	>29,000
South Crow Creek near Ronan	<7,700	7,700 - 11,800	>11,800
Hellroaring Creek	<3,350	3,350-4,750	>4,750
Mill Creek above Bassoo Creek near Niarada	<2,200	2,200 - 4,900	>4,900

April-June Observed									
3521 South Crow	0600 Hellroaring	USGS S. Fork Jocko	3121 Mill Creek	USGS Mission Creek					
Acre Feet	Acre Feet	Acre Feet	Acre Feet	Acre Feet					
Total	6,900	Total	2,900	Total	23,600	Total	1,800	Total	12,900

2024 Water Supply Outlook Summary (07/10/24)

- ° The wet and cool conditions in May were favorable for maintaining the below-average snowpack. However, the SWE totals remain below average when measured volumetrically.
 - ° An extended heat wave is expected in the Northern Rockies from July 6th-13th.
 - ° The outlook for July 2024 suggests above-average temperatures and below-average precipitation.
- ° June through July streamflow forecasts, combined with observed April through May flows, indicate streamflow volumes that fit within the dry end of the normal-year category (50% exceedance probability) for all forecast locations. These values indicate improvements over previous forecasts.