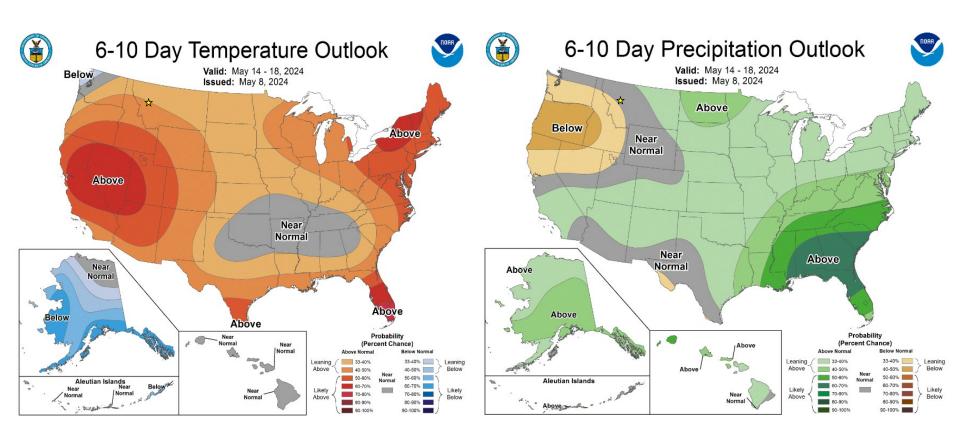


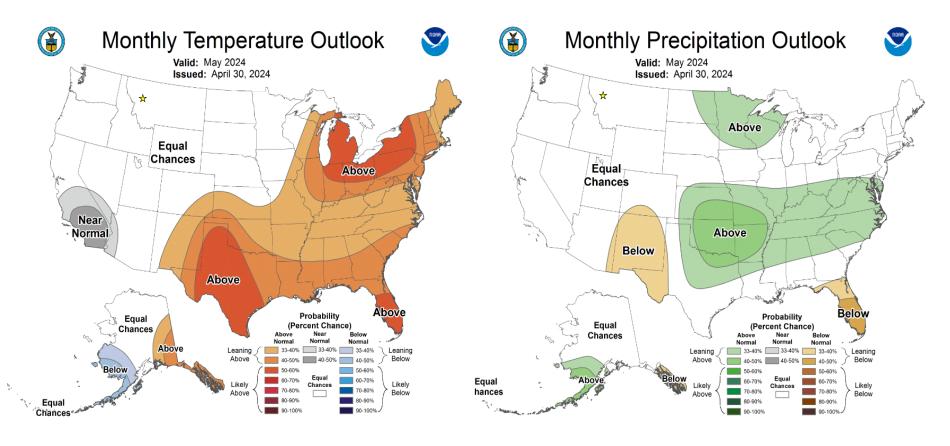
Approximate date	Purpose of Meeting
End of January	Review reservoir carryover and initial projection of water supply, tentatively categorize water-year type
End of February	Review reservoir carryover and initial projection of water supply, tentatively categorize water-year type, set March wet and normal 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

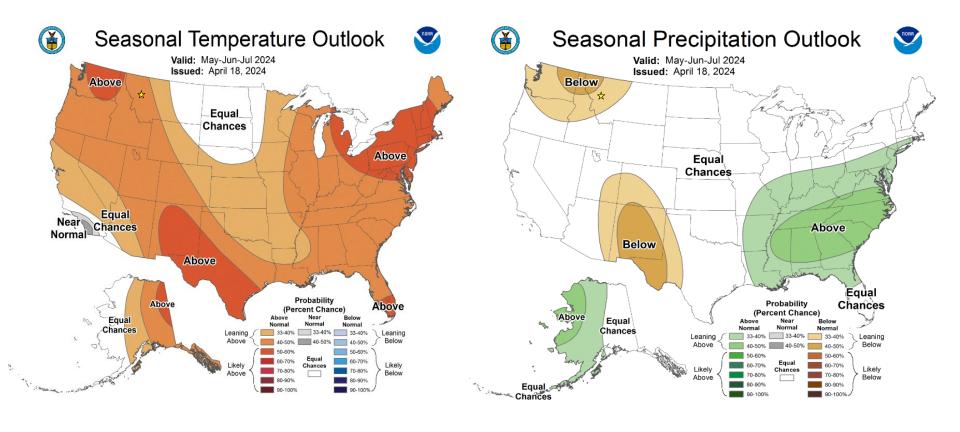
6-10 Day Outlook – Issued May 8, 2024

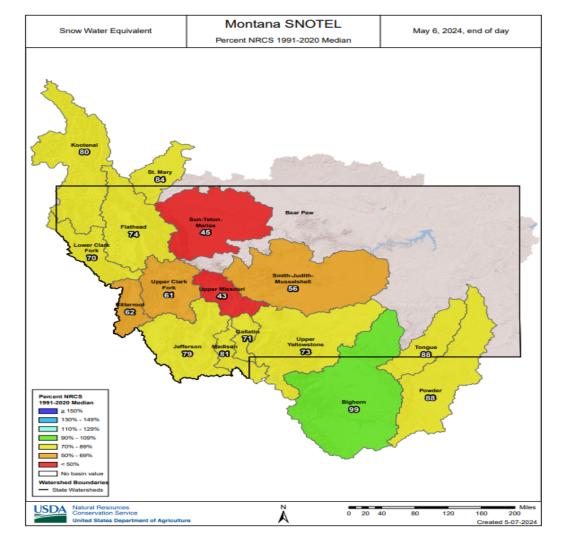


Monthly Outlooks – May 2024

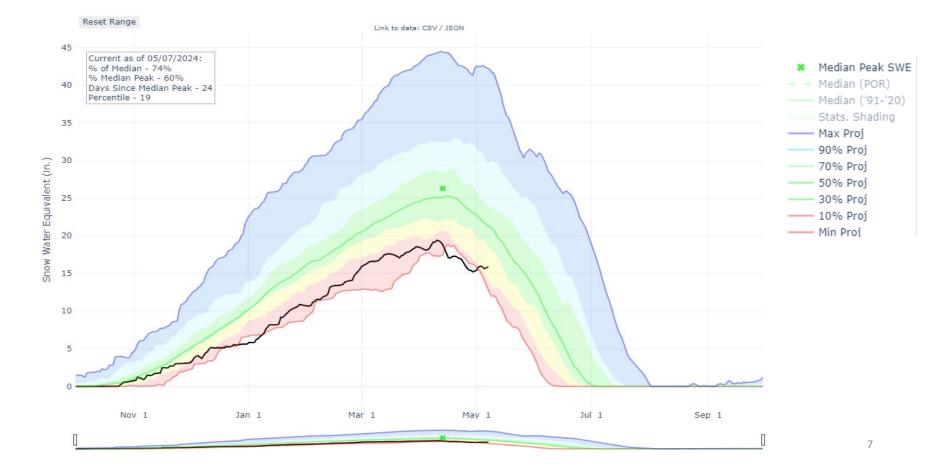


3 Month Outlooks – May-June-July 2024

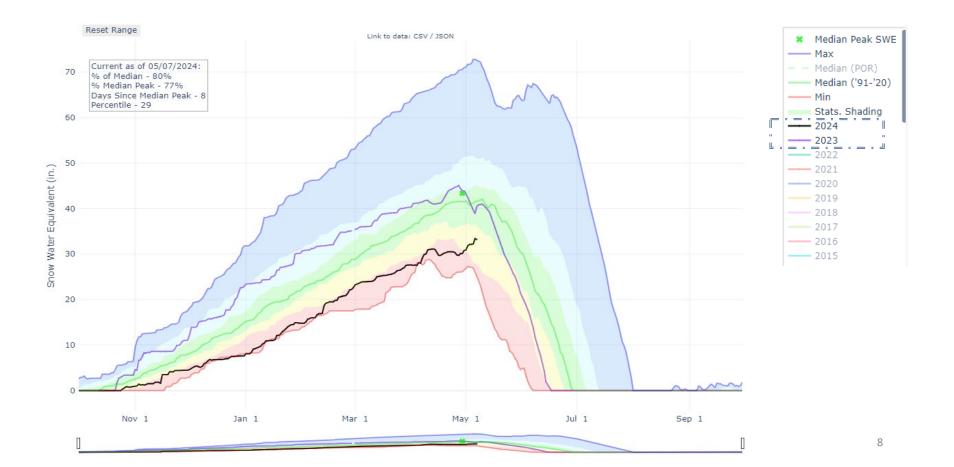




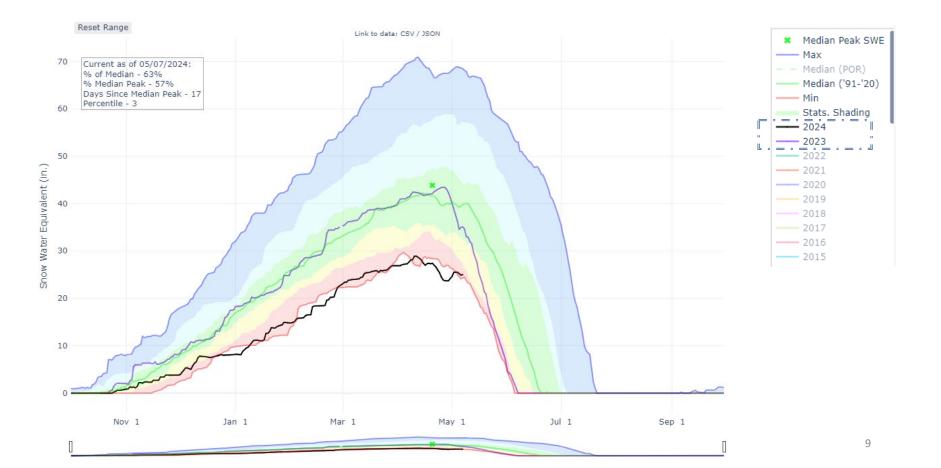
AWS Plot | SNOW WATER EQUIVALENT PROJECTION IN FLATHEAD



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



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



Streamflow Forecast Summary: May 1, 2024 (Medians based On 1991-2020 reference period)

5/7/2024 5:33:42 AM			•		3 1-2020 Telefel	. ,		_		
		Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast								
	Forecast	90%	70%	50%	ume will exceed	30%	10%	→ 30yr Median		
Flathead	Period	90% (KAF)	(KAF)	(KAF)	% Median	(KAF)	(KAF)	(KAF)		
NE EL II - LE - C		(NAF)	(NAF)	(NAF)		(NAF)	(KAF)	(NAF)		
NF Flathead R nr Col					=					
	MAY-JUL	890	970	1030	74%	1110	1210	1390		
O D Di()	MAY-SEP	1030	1140	1220	79%	1310	1440	1540		
Swan R nr Bigfork			000	0.40	740/		075	405		
	MAY-JUL	260	290	310	71%	335	375	435		
	MAY-SEP	305	340	365	72%	395	440	505		
Flathead R at Columb										
	MAY-JUL	2610	2900	3100	71%	3350	3740	4370		
	MAY-SEP	2900	3260	3500	71%	3780	4140	4900		
Flathead Lake Inflow										
	MAY-JUL	2460	3180	3510	70%	3840	4560	5040		
	MAY-SEP	2770	3620	4010	71%	4400	5250	5680		
Mission Ck nr St. Igna	atius									
	MAY-JUL	16.5	17.9	20	80%	23	28	25		
	MAY-SEP	19.8	20	24	80%	27	33	30		
MF Flathead R nr We	est Glacier									
	MAY-JUL	820	910	980	75%	1060	1170	1310		
	MAY-SEP	945	1050	1120	76%	1210	1350	1470		
SF Jocko R nr Arlee										
	MAY-JUL	15.4	17.8	19.8	60%	22	28	33		
	MAY-SEP	18.1	21	23	62%	26	32	37		
Hellroaring Creek ab	Reservoir nr Po	Ison								
	MAY-JUL	2.1	2.5	2.7	75%	3	3.5	3.6		
	MAY-SEP	3	3.4	3.7	80%	4	4.6	4.6		
South Crow Ck nr Ro	nan							1		
	MAY-JUL	5.4	6.2	7.6	78%	8.1	10.4	9.7		
	MAY-SEP	6.2	7	8.6	79%	9.7	11.8	10.9		
Mill Ck ab Bassoo ck	nr Niarada									
	MAY-JUL	0.96	1.45	1.73	54%	2.1	2.8	3.2		
	MAY-SEP	1.34	1.78	2	56%	2.4	2.9	3.6		
Sf Flathead R nr Hun	gry Horse									
	MAY-JUL	640	690	740	74%	785	860	1000		
	MAY-SEP	675	735	795	74%	845	925	1070		
Hungry Horse Reserv	oir Inflow ^{1,2}									
3.7.1.2.2.1.0001	MAY-JUL	795	1000	1100	72%	1200	1410	1530		
	MAY-SEP	885	1120	1230	74%	1340	1580	1660		

^{1) 90%} And 10% exceedance probabilities are actually 95% And 5%

Report Created:

5/7/2024 5:33:42 AM

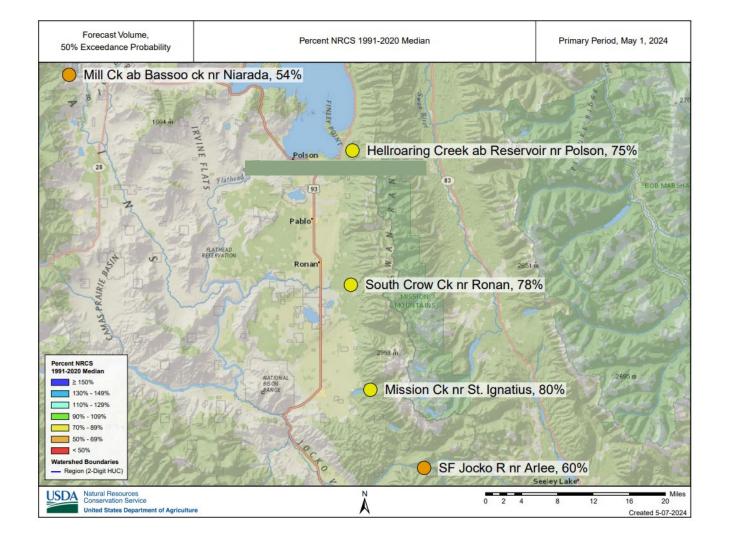
²⁾ Forecasts are For unimpaired flows. Actual flow will be dependent On management of upstream reservoirs And diversions

Report Created: Streamflow Forecast Summary: May 1, 2024 5/7/2024 5:33:42 AM (Medians based On 1991-2020 reference period)

5/7/2024 5:33:42 AM			•		71-2020 Telefel			_	
		F			abilities For Ris		nt		
	I	000/			ume will exceed		400/	J	
Flathead	Forecast	90%	70%	50%	% Median	30%	10%	30yr Mediar	
	Period	(KAF)	(KAF)	(KAF)		(KAF)	(KAF)	(KAF)	
NF Flathead R nr Col									
	MAY-JUL	890	970	1030	74%	1110	1210	1390	
	MAY-SEP	1030	1140	1220	79%	1310	1440	1540	
Swan R nr Bigfork									
	MAY-JUL	260	290	310	71%	335	375	435	
	MAY-SEP	305	340	365	72%	395	440	505	
Flathead R at Columb	oia Falls ²								
	MAY-JUL	2610	2900	3100	71%	3350	3740	4370	
	MAY-SEP	2900	3260	3500	71%	3780	4140	4900	
Flathead Lake Inflow	1,2								
	MAY-JUL	2460	3180	3510	70%	3840	4560	5040	
	MAY-SEP	2770	3620	4010	71%	4400	5250	5680	
Mission Ck nr St. Igna	atius								
•	MAY-JUL	16.5	17.9	20	80%	23	28	25	
	MAY-SEP	19.8	20	24	80%	27	33	30	
MF Flathead R nr We	st Glacier								
	MAY-JUL	820	910	980	75%	1060	1170	1310	
	MAY-SEP	945	1050	1120	76%	1210	1350	1470	
SF Jocko R nr Arlee									
	MAY-JUL	15.4	17.8	19.8	60%	22	28	33	
	MAY-SEP	18.1	21	23	62%	26	32	37	
Hellroaring Creek ab	Reservoir nr Po	lson							
	MAY-JUL	2.1	2.5	2.7	75%	3	3.5	3.6	
	MAY-SEP	3	3.4	3.7	80%	4	4.6	4.6	
South Crow Ck nr Ro	nan							1	
	MAY-JUL	5.4	6.2	7.6	78%	8.1	10.4	9.7	
	MAY-SEP	6.2	7	8.6	79%	9.7	11.8	10.9	
Mill Ck ab Bassoo ck	nr Niarada								
	MAY-JUL	0.96	1.45	1.73	54%	2.1	2.8	3.2	
	MAY-SEP	1.34	1.78	2	56%	2.4	2.9	3.6	
Sf Flathead R nr Hun	gry Horse ·								
	MAY-JUL	640	690	740	74%	785	860	1000	
	MAY-SEP	675	735	795	74%	845	925	1070	
Hungry Horse Reserv	oir Inflow ^{1,2}								
• •	MAY-JUL	795	1000	1100	72%	1200	1410	1530	
	MAY-SEP	885	1120	1230	74%	1340	1580	1660	

^{1) 90%} And 10% exceedance probabilities are actually 95% And 5%

²⁾ Forecasts are For unimpaired flows. Actual flow will be dependent On management of upstream reservoirs And diversions



Utilizing May-July forecasts within the context of Appendix 3.7 values (April-July)

	May NRCS Streamflow Forecast, May - July 2024							hresholds
Geographic Area	Gage Site	70%	50%	30%	% Median	Dry Year Normal Year		Wet Year
Jocko	South Fork Jocko near Arlee	17,800	19,800	22,000	60%	<24,000	24,000 - 36,000	>36,000
	Mission Creek near St. Ignatius	17,900	20,000	23,000	80%	<21,100	21,100 - 29,000	>29,000
Mission	South Crow Creek near Ronan	6,200	7,600	8,100	78%	<7,700	7,700 - 11,800	>11,800
	Hellroaring Creek	2,500	2,700	3,000	75%	<3,350	3,350-4,750	>4,750
Little Bitterroot	Mill Creek above Bassoo Creek near Niarada	1,450	1,730	2,100	54%	<2,200	2,200 - 4,900	>4;900
		V	Vet					
		N	Normal					
		C	Dry				*all values are in a	acre feet

Observed (Measured) April Flows

Calculated as Mean Daily Discharges converted to Acre Feet Volumes

3521 South	Crow	0600 Hellro	paring	USGS S. Fork Jocko 3121 M		3121 Mill	Mill Creek	
Date	Mean Q	Date	Mean Q	Date	Mean Q	Date	Mean Q	
	(cfs)		(cfs)		(cfs)		(cfs)	
4/1/2024	8.4	4/1/2024	9.7	4/1/2024	18.7	4/1/2024	3.7	
4/2/2024	8.4	4/2/2024	9.9	4/2/2024	20.2	4/2/2024	3.8	
4/3/2024	9.0	4/3/2024	11.1	4/3/2024	26.8	4/3/2024	4.5	
4/4/2024	13.3	4/4/2024	11.7	4/4/2024	36.5	4/4/2024	5.6	
4/5/2024	15.9	4/5/2024	13.3	4/5/2024	48.7	4/5/2024	7.5	
4/6/2024	15.7	4/6/2024	13.1	4/6/2024	48.3	4/6/2024	8.3	
4/7/2024	14.0	4/7/2024	12.0	4/7/2024	44.9	4/7/2024	7.4	
4/8/2024	13.0	4/8/2024	10.7	4/8/2024	41.9	4/8/2024	6.9	
4/9/2024	12.6	4/9/2024	9.8	4/9/2024	44.8	4/9/2024	6.7	
4/10/2024	12.6	4/10/2024	9.0	4/10/2024	45.7	4/10/2024	6.8	
4/11/2024	12.8	4/11/2024	9.2	4/11/2024	50.1	4/11/2024	6.8	
4/12/2024	13.7	4/12/2024	9.8	4/12/2024	60.7	4/12/2024	7.0	
4/13/2024	18.4	4/13/2024	11.9	4/13/2024	87.2	4/13/2024	7.7	
4/14/2024	26.1	4/14/2024	15.2	4/14/2024	123.5	4/14/2024	8.9	
4/15/2024	31.6	4/15/2024	16.9	4/15/2024	141.9	4/15/2024	11.3	
4/16/2024	26.2	4/16/2024	16.5	4/16/2024	121.8	4/16/2024	14.6	
4/17/2024	22.8	4/17/2024	14.4	4/17/2024	101.2	4/17/2024	16.5	
4/18/2024	22.1	4/18/2024	12.4	4/18/2024	89.6	4/18/2024	15.8	
4/19/2024	20.0	4/19/2024	11.1	4/19/2024	81.5	4/19/2024	14.4	
4/20/2024	17.7	4/20/2024	9.9	4/20/2024	79.0	4/20/2024	13.5	
4/21/2024	16.4	4/21/2024	9.5	4/21/2024	74.7	4/21/2024	12.4	
4/22/2024	15.1	4/22/2024	9.0	4/22/2024	72.9	4/22/2024	11.2	
4/23/2024	14.4	4/23/2024	8.7	4/23/2024	74.5	4/23/2024	10.3	
4/24/2024	14.6	4/24/2024	8.7	4/24/2024	82.5	4/24/2024	9.5	
4/25/2024	16.1	4/25/2024	9.0	4/25/2024	87.6	4/25/2024	9.0	
4/26/2024	16.5	4/26/2024	9.2	4/26/2024	88.8	4/26/2024	9.6	
4/27/2024	16.7	4/27/2024	10.0	4/27/2024	101.3	4/27/2024	10.2	
4/28/2024	17.7	4/28/2024	10.8	4/28/2024	100.3	4/28/2024	11.2	
4/29/2024	17.1	4/29/2024	10.3	4/29/2024	95.8	4/29/2024	12.3	
4/30/2024	16.4	4/30/2024	9.9	4/30/2024	91.5	4/30/2024	13.5	
Acre Feet	983	Acre Feet	661	Acre Feet	4331	Acre Feet	287	

May-July Forecasts + April Observed Flows to Project April-July Volumes

	Table 1: May 2024 Water Year and NRCS Streamflow Forecast									
	May NRCS Forecast - (May -	July 2024 + April Measured Flows)				Site-Specific Water Year Thresholds				
Geographic Area	Gage Site	70%	50%	30%	% Median	Dry Year	Normal Year	Wet Year		
Jocko	South Fork Jocko near Arlee	22,230	24,130	27,330	60%	<24,000	24,000 - 36,000	>36,000		
Mission	Mission Creek near St. Ignatius**	19,933	22,033	25,033	80%	<21,100	21,100 - 29,000	>29,000		
	South Crow Creek near Ronan	7,183	8,583	9,083	78%	<7,700	7,700 - 11,800	>11,800		
	Hellroaring Creek	3,161	3,361	3,661	75%	<3,350	3,350-4,750	>4,750		
Little Bitterroot	Mill Creek above Bassoo Creek near Niarada	1,737	2,017	2,387	54%	<2,200	2,200 - 4,900	>4,900		
			Wet							
	Normal Dry					*all values are in a **Mission Cr. base				

2024 Water Supply Outlook Summary (05/09/24) PRAFT - Not Approved by CITT

°Flathead Basin-Wide (74% Median) indicates below average snowpack conditions as of 5/7/24.

*Outlooks do not signal a drastic improvement for temperature or precipitation.

°May-July streamflow forecasts, combined with observed April flows, indicate streamflow volumes that fit within the dry end of the normal-year category (50% exceedance probability) for South Fork Jocko, Mission Creek, South Crow Creek, and Hellroaring, while Mill Creek forecasts indicate a Dry year determination.

	Table 1: May 2024 Water Year and NRCS Streamflow Forecast									
	May NRCS Forecast - (May -	Site-Specific Water Year Thresholds								
Geographic Area	Gage Site	70%	50%	30%	% Median	Dry Year	Normal Year	Wet Year		
Jocko	South Fork Jocko near Arlee	22,230	24,130	27,330	60%	<24,000	24,000 - 36,000	>36,000		
-	Mission Creek near St. Ignatius**	19,933	22,033	25,033	80%	<21,100	21,100 - 29,000	>29,000		
Mission	South Crow Creek near Ronan	7,183	8,583	9,083	78%	<7,700	7,700 - 11,800	>11,800		
1	Hellroaring Creek	3,161	3,361	3,661	75%	<3,350	3,350-4,750	>4,750		
Little Bitterroot	Mill Creek above Bassoo Creek near Niarada	1,737	2,017	2,387	54%	<2,200	2,200 - 4,900	>4,900		
			Wet							
			Normal Dry				*all values are in a **Mission Cr. base			