

Confederated Salish and Kootenai Tribes

# Annual Water Measurement Program Report

Water Year 2025



West Miller Coulee near Ronan, MT (CSKT# 3570.00) 07/22/2025

March 11, 2026

## **Overview**

This report is prepared by the Confederated Salish and Kootenai Tribes (CSKT) Water Monitoring and Measurement Program to summarize cumulative volumes at surface water gaging stations and irrigation reservoirs on the Flathead Reservation. Produced annually, this report provides data to inform water resources management, operational compliance reporting, and irrigation water management.

## **Introduction**

This edition highlights continued improvements in data accuracy, hydrologic analyses, and operational coordination under the CSKT-Montana Water Compact (water right). The report expands upon prior analyses by evaluating observed hydrologic conditions relative to Water Year Type Determinations established by the Compact Implementation Technical Team (CITT) and year-to-year trends to provide a clear understanding of surface water availability, seasonal variability, and water management within the Flathead Indian Irrigation Project (FIIP) footprint.

The analysis pulls from the Program's robust gaging network on and off the Flathead Reservation, which has high-resolution, 15-minute discharge records. Streamflow summaries and comparisons to Compact-based benchmarks are provided to support future Tribal water rights administration and operational decisions across all Geographical Service Areas.

## **Progress Updates**

### **Water Management Tools**

The Program has developed several operational improvements during the year to enhance communication and in-season water management support. Incremental Minimum Enforceable Flow notifications are now sent directly to Flathead Indian Irrigation Project (FIIP) staff to encourage timely action when administered sites fall below required instream flows. In addition, newly developed percentile bands for stream gaging sites are now operational, offering improved context for comparing current flows to historical conditions, with ongoing expansion to additional sites.

For Program staff, a new data currency legend has been added to the WebPortal as a tool to quickly assess the timeliness of incoming data. The Program has also developed a discharge-measurement currency legend in WebPortal that provides clear visibility into the recency of discharge measurements at each station, improving planning and prioritization of field visits.

### **CSKT-MT Water Rights Settlement**

The CSKT-Montana Water Compact, which was ratified in 2015, continues to guide the Program's monitoring responsibilities on and off the Flathead Reservation. The Compact quantifies Tribal water rights and FIIP water rights by establishing enforceable thresholds such as Minimum Enforceable Flows, River Diversion Allowances, and Target Instream Flows, all while remaining adaptive to water availability on a seasonal basis. These rights are phased in by Geographical Area according to the schedule in Appendix 3.4 of the Compact.

The Program’s streamflow data and operational summaries remain pivotal to supporting Compact compliance, water right enforceability, and adaptive management decision-making. Continuous monitoring at stream, canal, and reservoir sites ensures that the Tribal water right is measured and defensible in implementing the Compact, while remaining a critical tool for water management.

## Hydrologic Conditions

### Natural Streamflow

The Tribes manage six natural flow gaging stations across the Reservation to track basin hydrologic conditions. Combined annual flow from stations with complete records totaled 61,325 acre-feet in water year 2025, representing a 5% increase from 2024 (55,110 acre-feet) but remaining 11% lower than 2023 (62,372 acre-feet). Flow volumes from Post Creek above McDonald Reservoir are presented in the table for reference but are excluded from annual totals and percent-change calculations due to incomplete data in 2023. Overall, most stations experienced reduced flows from 2023 to 2024, followed by partial recovery in 2025. Mill Creek above Bassoo Creek was the only station that declined in 2025 relative to 2024.

**Table 1:** The table summarizes annual flow volumes for natural flow gaging stations for water years 2023–2025 (excluding Post Creek above McDonald Reservoir) and includes year-to-year percent change. Color bars provide a visual reference for change magnitude, where red indicates decreased flow and green indicates increased flow relative to the comparison year.

Station Name	Station #	2023	2024	2025	% Change 23→24	% Change 24→25
Agency Creek ab Jocko "S" Canal	5167.00	8,145	7,541	7,647	-7%	1%
Hellroaring Creek ab Reservoir	0060.00	8,319	7,358	7,868	-12%	7%
North Crow Creek at Campground	3512.00	28,161	24,895	29,457	-12%	18%
South Crow Creek nr Ronan	3521.00	14,311	12,125	13,707	-15%	13%
Post Creek ab McDonald Reservoir	4860.00		36,526	36,208		
Mill Creek ab Bassoo Creek	3121.00	3,436	3,191	2,646	-7%	-17%
Total for Water Year		62,372	55,110	61,325	-11%	5%

### Atmospheric Temperature

The Flathead region experienced relatively mild conditions to begin the year, followed by a pronounced cold period. Persistent northerly storms in February brought Arctic air masses into western Montana, resulting in below-normal atmospheric temperatures. This early-season variability provided an identifiable contrast with rapid warming in late February, which continued into the spring season. May temperatures were above normal with some SNOTEL stations averaging 6.7°C (12°F) above 30-year averages in early to mid-May.

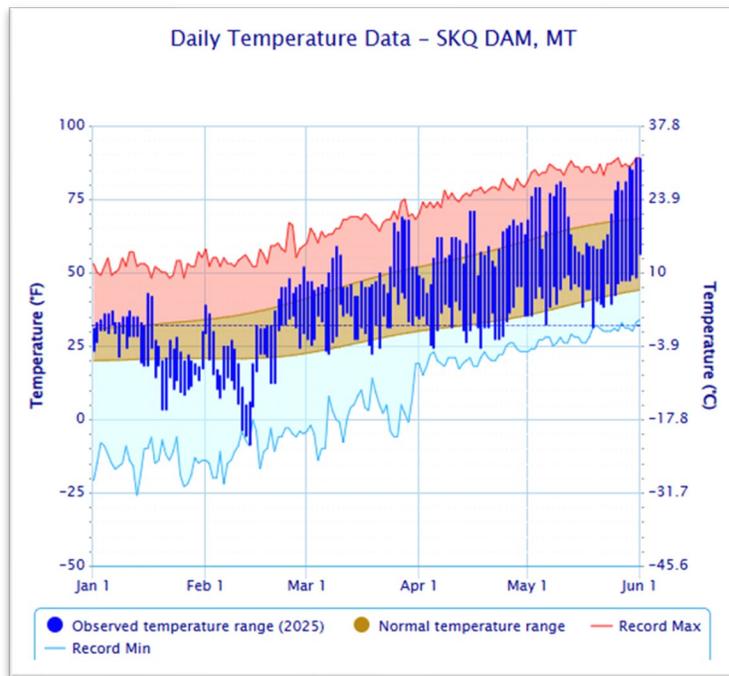


Figure 1. January through June 2025 air temperature from the NOAA weather station at Kerr Dam near Polson, MT. Retrieved October 2025 from <https://www.weather.gov/wrh/Climate?wfo=mso>.

### Precipitation

2025 started with drought conditions for the Flathead basin with January only accumulating 44 percent of normal precipitation levels. February and March responded with several storm events that increased precipitation to above normal, though a late February warming period elevated drought conditions from *Abnormally Dry* to *Moderate Drought* for the Flathead Basin. The wettest part of the year ended with the Flathead basin in an *Abnormally Dry* drought condition.

### Snowpack

Natural Resources Conservation Service (NRCS) SNOTEL data was reviewed to evaluate hydrologic conditions for the Flathead Reservation for water year 2025. In the Flathead Basin, annual streamflow volume and timing is predominately influenced by snow accumulation and melt patterns. Snow Water Equivalent (SWE) is the measurement used to determine how much liquid water is stored in snowpack. This stored water is released during snowmelt and is critical for many beneficial uses, including ecological processes, agriculture, and hydropower.

Snowpack in the Flathead Basin during 2025 began at or above median following early winter storms, despite dry conditions from October through December. January precipitation was well below normal while February storms increased snowpack to 80 percent of median. By April, snowpack remained near median, though there was variability in sites. Warm and dry conditions in May accelerated snowmelt across the higher elevations, depleting snow storage at lower elevations.

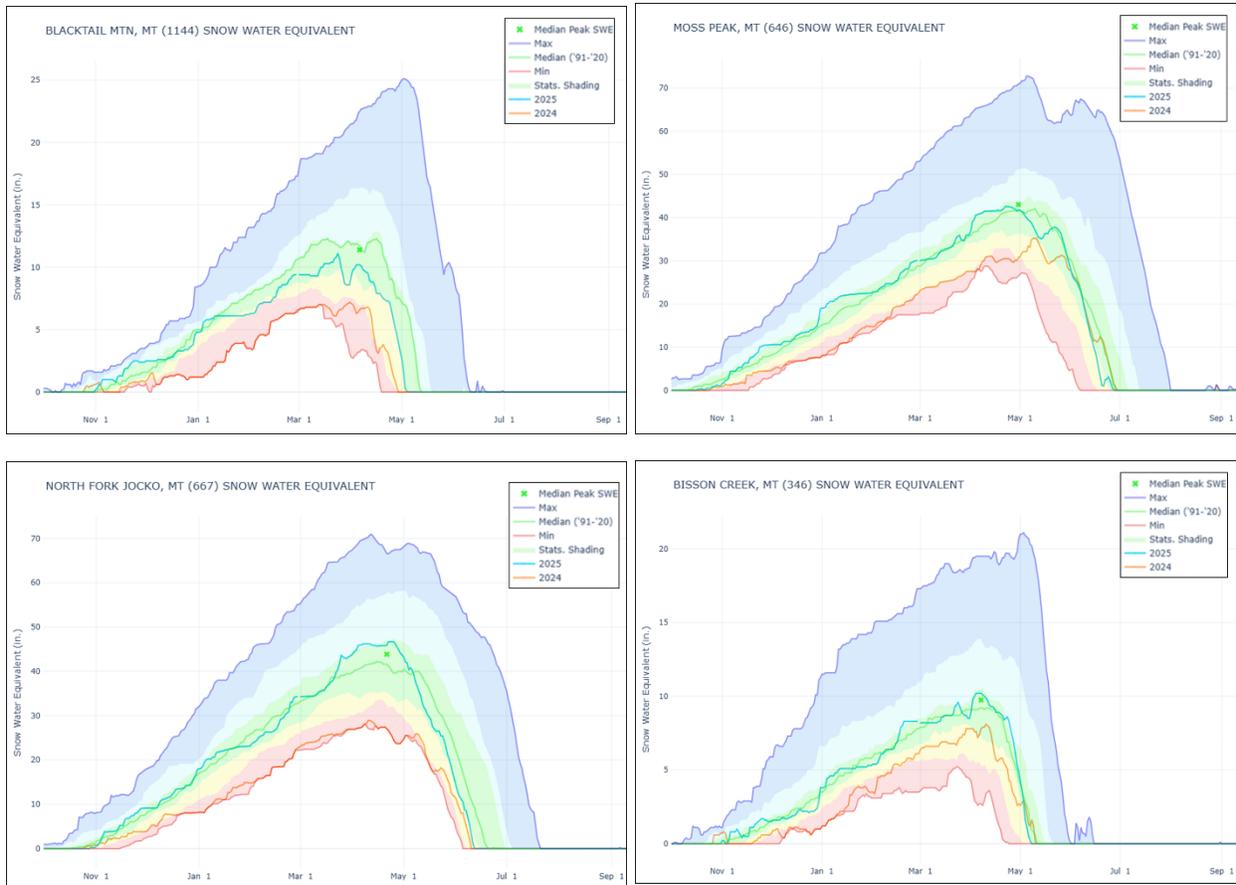


Figure 2. Graphs of Snow Water Equivalent during water year 2025 for NRCS SNOTEL stations on and near the Flathead Reservation. Much of the Flathead Basin experienced at or below median snowpack levels in 2025. Retrieved November 2025 from <https://www.nrcs.usda.gov/resources/data-and-reports/snow-and-water-interactive-map>.

**Water Year Type (Wet, Normal, Dry Year)**

The Compact is based on the Tribes’ priorities of meeting or improving fisheries objectives while also meeting FIIP’s historical farm deliveries. This balance occurs in part through meeting the MEFs, RDAs, MRPEs, and TIFs outlined in Appendix 3.1 and 3.2. The concept of Adaptive Management is also incorporated into these water rights, and is defined as:

*"an ongoing process of decision-making, based on water measurement and accounting designed to continuously manage and improve the allocation of water between Instream Flows, Minimum Reservoir Pool Elevations, and FIIP Water Use Rights pursuant to the Adaptive Management Appendix 3.5.a (Compact Article II).*

The Compact quantifies RDAs and TIFs for wet, normal, and dry years. Those volumes and flow rates were quantified by the parties to the Settlement by utilizing a surface water supply modeling approach. Wet, normal, and dry water year types are defined in detail in Compact Appendix 3.7, and are based on the modeled streamflow for the April through July forecasting period. The thresholds for water year type categorizations were determined utilizing surface water discharge data for the 1983-2002 study period. Appendix 3.7 defines wet years as cumulative streamflow volumes with exceedance levels above the 20<sup>th</sup>-percentile, normal years as volumes between the 80<sup>th</sup> and 20<sup>th</sup> percentile exceedance levels, and dry years as volumes below the 80<sup>th</sup> percentile exceedance level. Water year types are determined by Geographical Service Areas, with recognition that different water year types may occur simultaneously for each service area within a forecasting season.

Applying the thresholds from Appendix 3.7 to measured discharge from water year 2025 demonstrates that the Jocko and Mission Geographical Service Areas experienced a *normal year* of streamflow, while the Little Bitterroot Area experienced a *dry year* (Table 2).

**Table 2.** Hydrologic conditions determined by natural flow gages in each Geographical Service Area for water year 2025.

Hydrologic Condition	Jocko Area		Mission Area		Little Bitterroot Area	
	Gaging Station	April-July Flow	Gaging Station	April-July Flow	Gaging Station	April-July Flow
	South Fork Jocko River (USGS Gage)	27,392	South Crow Creek	9,842	Mill Creek ab Bassoo Creek	1,722
	Agency Creek ab Jocko S Canal	5,766	Mission Creek ab Reservoir (USGS Gage)	26,166		
			Hellroaring Creek ab Reservoir	4,160		
			North Crow Creek at Campground	22,063		
Cumulative Flow		33,158		62,231		1,722
Wet Year		> 41,500		> 66,500		> 4,900
Normal Year		29,000 - 41,500		46,500 - 66,500		2,200 - 4,900
Dry Year		< 29,000		< 46,500		< 2,200

## Findings

### Surface Water Discharge

Surface water discharge data are presented in tabular format in Supplement A. Data are stratified by Geographical Service Area. Tables include monthly cumulative discharge in acre-feet for each gaging season as well as annual cumulative discharge volumes. At canal locations, cumulative discharge volumes are also reported during the irrigation season (April 15 – September 15).

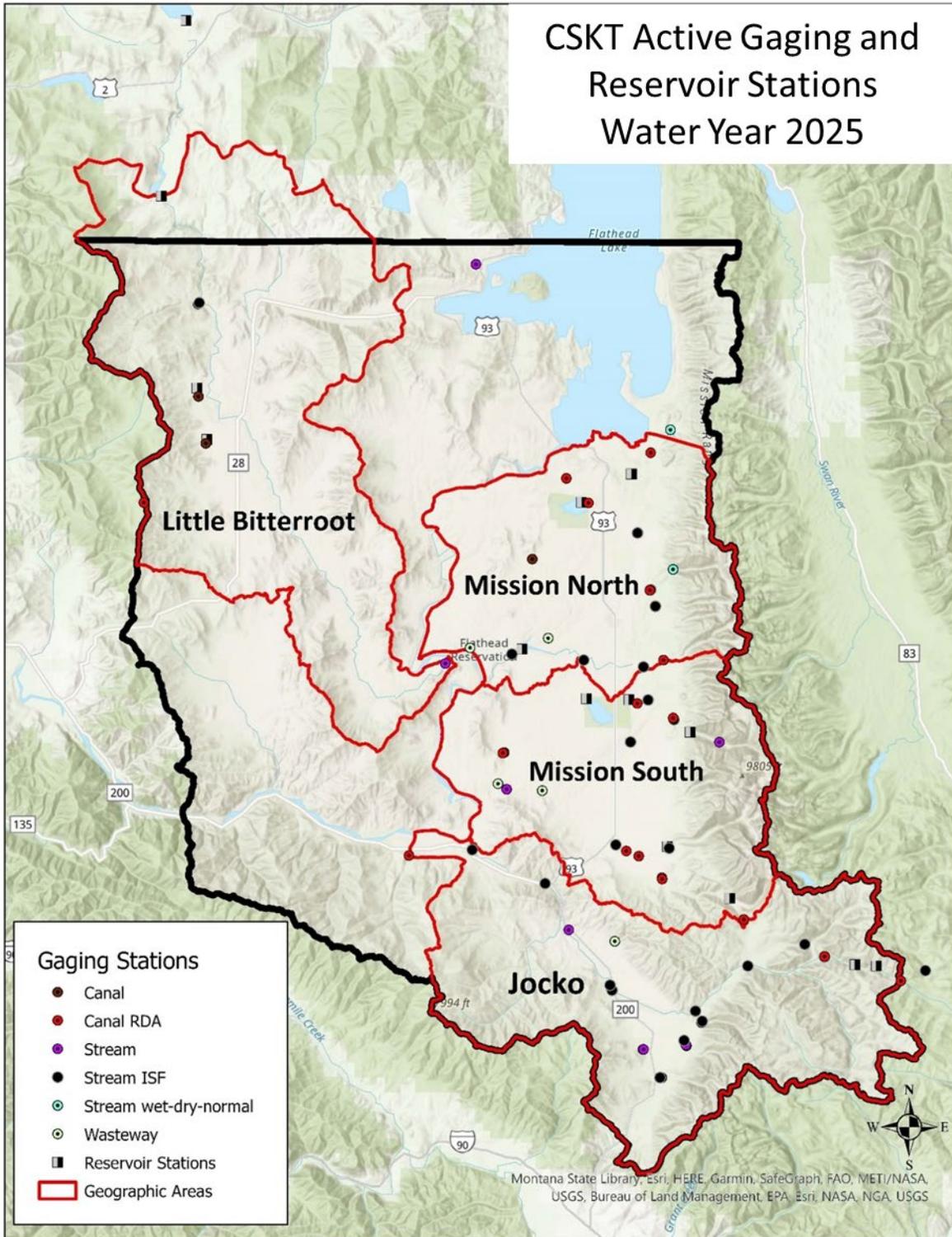
### Reservoir Levels and Volumes

Annual reservoir volumes are presented in Supplement B, and are displayed in hydrograph format, or reservoir storage graphs.

### River Diversion Allowances

A detailed summary of FIIP’s diversion of water is summarized in Supplement C of this report. Although the RDAs are not enforceable at this time, this summary is prepared and provided to FIIP on an annual basis during the interim period to allow the project to compare the current year’s diversions against future RDA water allocations, allowing them time for planning and adjustment in water management to align with upcoming water allocations.

# CSKT Active Gaging and Reservoir Stations Water Year 2025



**Supplement A**  
**Surface Water Discharge**

## Jocko Area

Jocko Area Canals															
Station Name	Station #	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Apr 15 - Sept 15	Annual Volume
Tabor Feeder Canal bl Middle Fork Jocko River	5105.10	***	***	***	***	***	***	85	1,432	1,414	***	***	***	2,931	2,931
Tabor Feeder Canal bl North Fork Jocko River	5105.20	***	***	***	***	***	***	2,261	8,688	7,061	***	***	***	18,010	18,010
Tabor Feeder Canal bl Twin Lakes	5105.70	***	***	***	***	***	***	***	11,048	8,410	50	***	***	19,507	19,508
Upper Jocko "S" Canal at Headworks	5131.00	***	***	***	***	***	***	***	***	797	2,360	1,101	42	4,300	4,300
Jocko "K" Canal bl Headworks	5140.00	1,466	732	***	***	***	***	123	4,324	9,620	9,342	3,293	1,543	28,244	30,443
Upper Jocko "S" at Big Knife Creek	5132.00	389	337	266	238	216	240	383	768	1,926	2,658	1,595	551	7,880	9,567
Jocko "N" Canal at East Fork Finley Creek	5162.00	***	***	***	***	***	***	***	122	462	29	***	***	613	613
Upper Jocko "J" Canal at Agency Creek	5167.10	***	***	***	***	***	***	***	311	968	617	407	69	2,358	2,372
Jocko "S" Canal bl Agency Creek	5167.50	181	173	149	81	73	60	59	734	1,240	829	555	174	3,497	4,308
Jocko "E" Canal at Agency Creek	5167.90	218	163	122	122	131	214	411	809	496	379	407	256	2,452	3,728
Jocko "E" Canal bl Finley Creek	5169.10	91	66	75	61	56	115	284	357	571	377	228	97	1,741	2,378
Jocko "K" Canal at Lamoose Creek	5140.90	40	59	***	***	***	***	12	116	206	121	54	***	508	608
Revais "R" Canal at Revais Creek	5410.10	105	97	173	121	128	184	53	563	744	325	174	79	1,886	2,746

Jocko Area Streams/Rivers															
Station Name	Station #	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Apr 15 - Sept 15	Annual Volume
Middle Fork Jocko River bl Tabor Feeder Canal	5100.00	678	540	524	514	543	970	1,708	2,955	3,154	6,169	2,182	728	16,895	20,665
North Fork Jocko River bl Tabor Feeder Canal	5130.00	129	200	220	192	254	1,591	1,605	9,560	3,550	1,121	300	127	16,262	18,849
Jocko River bl Upper "S" Canal	5131.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jocko River bl Jocko "K" Canal	5149.00	2,797	3,253	3,451	3,126	2,876	5,435	10,691	24,198	10,056	2,658	3,055	2,836	53,494	74,432
Big Knife Creek bl Jocko "S" Canal	5143.00	238	181	212	173	122	212	355	742	371	264	238	197	1,926	3,305
East Finley Creek bl Jocko "N" Canal	5165.00	230	181	182	168	141	184	448	2,122	893	468	276	228	4,147	5,521
Agency Creek ab Jocko "S" Canal	5167.00	270	224	183	148	116	216	464	2,360	2,162	780	442	282	6,177	7,647
Agency Creek bl Upper "J" Canal	5169.00	317	244	212	147	151	276	589	1,688	726	664	504	298	4,064	5,816
Finley Creek bl "E" Canal	5175.00	639	643	563	294	243	647	1,075	4,185	2,301	1,023	664	563	9,144	12,840
Finley Creek at Mouth	5178.00	676	659	653	613	549	780	1,367	4,522	2,360	1,081	645	432	9,636	14,337
Jocko River bl Lower "S" Canal	5180.00	5,772	5,732	5,435	4,411	2,763	4,800	10,175	26,380	12,159	6,982	7,339	6,307	62,124	98,255
Jocko Spring Creek near Mouth	5187.00	1,224	1,097	974	889	787	805	785	795	821	1,093	1,337	1,192	5,058	11,799
Valley Creek near Mouth	5192.00	381	391	301	244	217	401	664	1,884	714	305	208	182	3,594	5,892
Jocko River bl Jocko "J" Canal	5194.00	9,302	8,350	8,053	7,325	6,625	8,945	13,547	29,950	15,193	9,481	9,322	8,350	75,824	134,443
Jocko River near Mouth near Dixon Mt.	5195.00	9,064	8,509	7,993	7,180	6,526	8,271	12,793	30,942	15,451	9,124	9,521	8,251	76,455	133,625

Symbols Denoted: (\*\*\*) Zero flow (-) No data or not enough data to evaluate

## Mission South Area

Mission South Area Canals															
Station Name	Station #	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Apr 15 - Sept 15	Annual Volume
Pablo Feeder Canal bl Post Creek	4868.00	359	***	***	***	***	***	16	2,995	10,850	6,942	9,620	1,884	29,984	32,666
Kicking Horse Feeder Canal ab KH Reservoir	4869.20	***	***	***	***	***	***	***	411	4,522	3,114	365	659	8,781	9,071
Post "F" Canal at Headworks	4875.10	16	15	15	15	14	15	15	142	1,543	1,139	1,035	214	2,814	4,178
Post "F" Canal ab Hillside Reservoir	4875.90	22	***	***	***	***	69	27	44	752	865	579	417	2,655	2,775
Hillside Ditch at Headworks	4890.00	21	21	21	12	7	21	21	81	635	885	778	359	2,745	2,862
Moiese "A" Canal near Headworks	3585.00	246	***	***	***	***	***	474	3,650	3,273	3,451	2,658	1,053	14,495	14,805
Moiese Wasteway ab Pioneer Lane	3585.70	96	1	1	2	6	7	11	266	282	292	238	***	1,137	1,202
Mission "A" Canal bl Headworks	4814.10	363	***	***	***	***	***	***	2,717	7,379	6,486	11,246	1,454	28,998	29,645
Mission "B" Canal nr Headworks	4827.10	18	***	***	***	***	***	***	81	1,807	1,983	1,549	415	4,695	5,853
Mission "DA" Canal bl Headworks	4828.10	674	561	579	543	514	452	474	1,573	3,630	6,863	10,433	2,083	22,440	28,379
Mission "F" Canal at Headworks	4829.00	***	***	***	***	***	***	***	123	1,603	1,452	1,049	204	3,898	4,431
Mission "C" Canal nr St. Ignatius	4829.10	166	***	***	***	***	***	***	95	2,400	2,400	2,182	561	7,289	7,804

Mission South Area Streams/Rivers															
Station Name	Station #	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Apr 15 - Sept 15	Annual Volume
Crow Creek bl Moiese "A" Canal	3595.00	2,102	1,759	2,102	1,736	1,543	7,795	4,284	2,102	1,815	1,702	1,565	1,434	15,497	29,939
Post Creek ab McDonald Reservoir	4860.00	1,341	1,206	958	782	676	1,050	1,834	6,724	9,977	6,891	3,174	1,595	28,707	36,208
Post Creek ab Pablo Feeder Canal	4867.00	1,747	1,569	1,652	1,613	1,466	1,365	1,787	3,035	18,288	11,286	7,200	4,066	43,767	55,074
Post Creek nr Fort Connah	4876.00	1,648	1,579	1,617	1,384	1,279	1,496	1,714	2,539	3,412	1,886	1,704	1,555	10,528	21,813
Marsh Creek ab Kicking Horse Feeder Canal	4870.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mission Creek bl Mission "A" Canal	4815.00	1,482	1,380	1,406	1,343	1,222	1,301	1,609	3,094	7,180	6,764	5,236	2,420	21,029	34,437
Mission Creek at St. Ignatius	4831.00	1,797	1,684	1,472	1,349	1,035	1,095	1,311	2,499	2,420	1,801	1,545	1,664	9,809	19,672
Dublin Gulch at Bison Range	4892.00	2	7	8	9	3	60	60	12	171	180	104	48	630	664
Mission Creek at National Bison Range	4895.00	7,597	7,438	8,509	7,696	7,200	5,355	7,636	8,886	10,493	8,569	9,025	8,390	44,678	96,794
Coleman Coulee	4897.00	5	8	7	6	10	148	35	5	776	647	444	442	2,227	2,533

Symbols Denoted: (\*\*\*) Zero flow (-) No data or not enough data to evaluate

## Mission North Area

Mission North Area Canals															
Station Name	Station #	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Apr 15 - Sept 15	Annual Volume
Twin Feeder Canal at Centipede Creek	66.00	125	***	***	***	***	***	38	645	587	278	190	102	1,845	1,965
Pablo Feeder Canal ab Pablo Drop	4868.80	***	***	***	***	***	133	710	7,874	8,489	2,182	819	11	17,282	20,218
Pablo "A" Canal bl Pablo Reservoir	4868.91	900	***	***	***	***	***	***	1,031	13,388	15,174	14,182	4,284	40,780	48,959
Pablo "A" Canal at Round Butte weir	4868.97	534	***	***	***	***	***	***	579	7,458	7,835	7,041	2,460	25,366	25,907
Ronan "B" Canal at Headworks	3567.10	44	***	***	***	***	***	***	116	740	1,192	1,043	260	1,602	3,395
Pablo Feeder Canal bl North Crow Creek	4868.30	133	2	***	***	***	***	1,343	6,764	12,615	7,260	5,435	851	33,646	34,403
Pablo Feeder Canal bl South Crow Creek	4868.10	***	***	***	***	***	***	***	***	6,783	5,593	5,970	732	19,079	19,078
South Crow Feeder Canal at Headworks	3529.00	383	20	39	45	41	68	345	7,061	9,501	2,519	3,907	1,045	17,393	24,974

Mission North Area Streams/Rivers															
Station Name	Station #	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Apr 15 - Sept 15	Annual Volume
Hellroaring Creek ab Reservoir	0060.00	492	466	432	401	385	591	700	1,720	1,109	631	522	419	1,845	7,868
Mud Creek bl Ronan "B" Canal	3568.00	88	154	141	122	121	171	178	466	387	307	343	116	1,333	2,594
Mud Creek ab Crow Reservoir	3571.00	742	1,027	1,055	1,016	1,422	1,654	1,509	1,075	541	748	1,016	565	4,368	12,370
West Miller Coulee	3570.00	65	15	19	26	180	232	123	15	264	480	520	323	1,595	2,262
North Crow Creek at Campground	3512.00	895	936	795	676	609	1,180	1,811	9,521	7,914	2,817	1,414	889	18,914	29,457
North Crow Creek bl Pablo Feeder Canal	3515.00	589	829	698	631	585	877	934	2,360	2,777	783	980	672	7,759	12,715
Middle Crow Creek bl Pablo Feeder Canal	3519.00	118	62	48	48	46	50	94	250	424	292	323	127	1,248	1,882
South Crow Creek nr Ronan	3521.00	446	512	428	399	333	597	912	3,471	3,769	1,690	690	460	10,205	13,707
South Crow Creek bl South Crow Feeder Canal	3530.00	480	470	436	385	321	613	744	924	893	1,498	704	524	4,744	7,992
Crow Creek bl Crow Pump	3540.00	1,795	2,043	1,785	1,710	1,638	2,719	2,420	3,590	4,284	2,916	2,202	1,747	15,115	28,849
Hopkins Draw	3285.00	101	9	1	2	1	3	4	4	419	526	468	232	1,617	1,770

Symbols Denoted: (\*\*\*) Zero flow (-) No data or not enough data to evaluate

## Little Bitterroot Area

Little Bitterroot Area Canals															
Station Name	Station #	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Apr 15 - Sept 15	Annual Volume
Camas "A" Canal bl Mill Creek	3111.00	***	***	***	***	21	335	417	1,446	1,498	559	92	***	3,927	4,368
Camas "B" Canal at Headworks	3176.10	***	***	***	***	***	***	***	526	823	815	230	***	2,393	2,394
Camas "C" Canal at Headworks	3177.10	***	***	***	***	***	***	***	603	496	226	67	***	1,391	1,392

Little Bitterroot Area Streams/Rivers															
Station Name	Station #	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Apr 15 - Sept 15	Annual Volume
Mill Creek ab Bassoo Creek	3121.00	98	120	133	72	127	212	464	837	288	133	78	84	1,706	2,646
Little Bitterroot River bl Camas "A" Canal	3131.00	270	300	284	281	393	437	478	502	432	379	218	206	1,890	4,180
Little Bitterroot River at Mouth	3198.00	242	506	645	631	2,083	1,386	651	66	47	38	29	19	437	6,343
Dayton Creek nr Dayton Mt	1640.00	30	65	62	37	10	222	545	300	52	28	7	2	594	1,360

## Off-Reservation Gaging Stations

Placid Canal															
Station Name	Station #	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Apr 15 - Sept 15	Annual Volume
Placid Canal ab Black Lake	5101.00	***	***	***	***	***	***	581	3,689	758	***	***	***	5,028	5,028

Placid Creek															
Station Name	Station #	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Apr 15 - Sept 15	Annual Volume
Placid Creek bl Placid Canal	5000.00	121	140	159	186	185	960	1,289	1,041	803	252	113	70	3,569	5,319

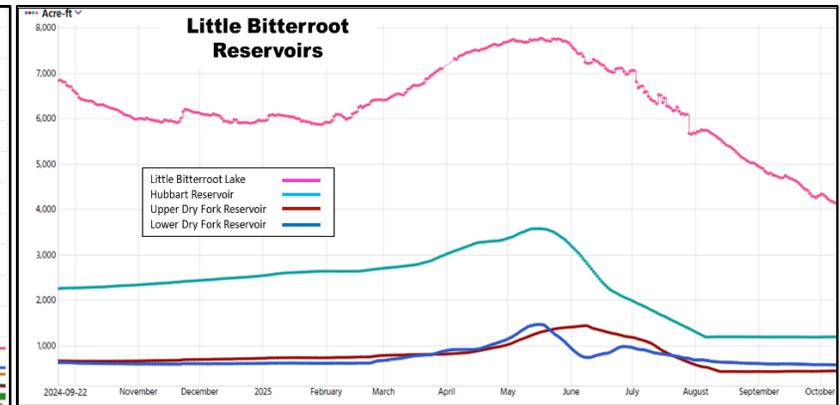
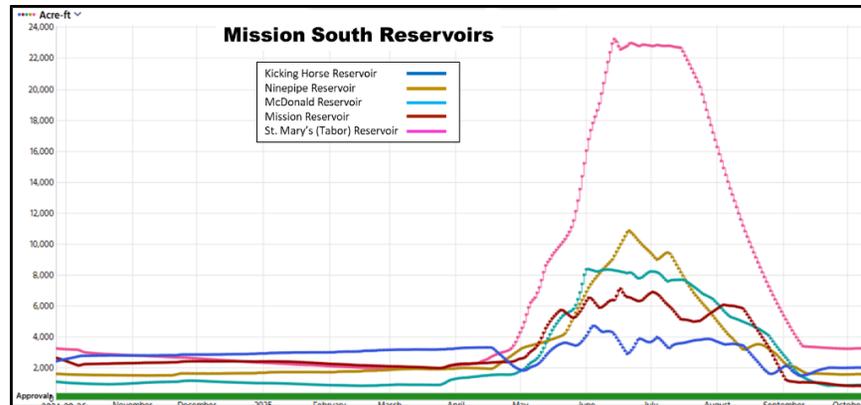
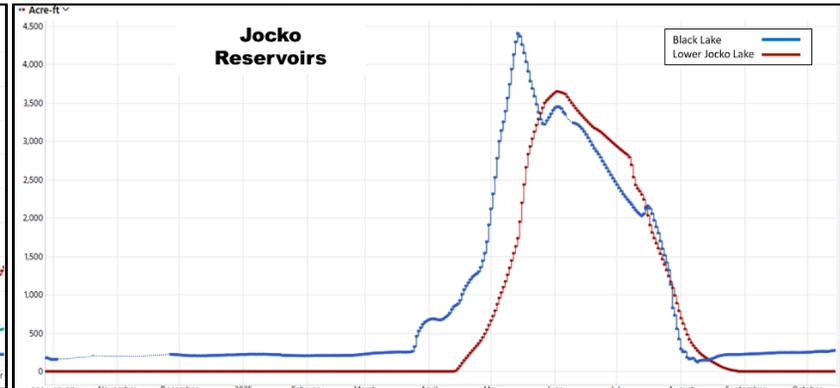
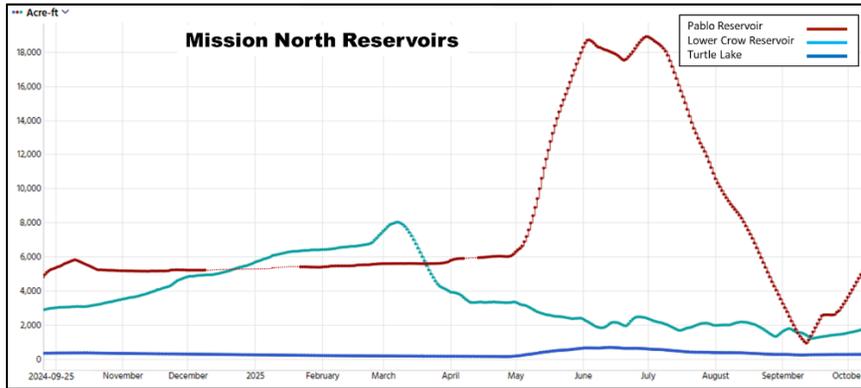
McGinnis Diversion															
Station Name	Station #	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Apr 15 - Sept 15	Annual Volume
McGinnis Diversion	3171.00	***	***	***	***	***	***	***	19	***	***	***	***	19	19

Alder Diversion															
Station Name	Station #	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Apr 15 - Sept 15	Annual Volume
Alder Diversion	3174.00	73	82	20	***	***	***	90	415	187	92	69	11	861	1,039

Symbols Denoted: (\*\*\*) Zero flow (-) No data or not enough data to evaluate

**Supplement B**

**Reservoir Volumes by Service Area**



**Supplement C**

**River Diversion Allowances – 2025 Summary**



## River Diversion Allowances

### Water Year 2025 Diversion Summary

March 11, 2026

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#### Background

This memo provides a brief description of River Diversion Allowances (RDAs) and summarizes Flathead Indian Irrigation Project (FIIP) RDA diversions for the 2025 irrigation season utilizing water year 2025 data collected and managed by the CSKT Water Monitoring & Measurement Program.

#### River Diversion Allowances

The CSKT-MT Water Compact defines River Diversion Allowances as “initially the volume of water identified in Appendix 3.2 and defined for wet, normal and dry Natural Flow years that is necessary to be diverted or pumped to supply the FIIP Water Use Right” (CSKT Compact, Article II). River Diversion Allowances are reported by RDA Administrative Areas for administered locations as well as administered plus incremental inflow locations. Administered locations are irrigation headworks or pumping facilities where water measurement and seasonal accounting of the RDA volumes will occur. Specific information regarding River Diversion Allowances, including individual water allocations, is further described in Compact Appendix 3.2.

RDAs, Minimum Enforceable Flows, Target Instream Flows, and Minimum Reservoir Elevations become enforceable following the schedule in Appendix 3.4. Generally, RDAs will be phased in by geographic service area following a period of years after the Effective Date of the Compact, which was **September 17, 2021**.

Geographic Area	Schedule for Implementation of RDAs
Mission Valley South	Effective Date + 5 years
Mission Valley North	Effective Date + 7 years
Jocko Valley	Effective Date + 8 years
Little Bitterroot Valley	Effective Date + 9 years

Although none of the RDAs are enforceable as of the writing of this document, this summary is prepared on an annual basis during the interim period to allow the project to compare the current year’s diversions against future RDA water allocations, allowing them time for planning and adjustment in water management to align with upcoming water allocations.

Details regarding the calculation of specific River Diversion Allowance Administrative Areas are provided in the February 2023 CSKT memo on River Diversion Allowance Dashboard Development<sup>1</sup>.

The following table and graphs provide a summary of river diversions for irrigation season 2025.

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<sup>1</sup> River Diversion Allowances Dashboard Development and Water Year 2022 RDA Diversions. February 17, 2023. CSKT Natural Resources Department.

## Summary of Water Year 2025 River Diversion Allowances

RDA Administrative Area	Normal Year RDA (acre-feet)	Total Diversion (acre-feet)	Percent of RDA Allocation	Date RDA Exceeded	Irrigation Season Served
<b>Mission South</b>					
Upper Mission Creek	33,800	30,700	91%		100%
Lower Mission Creek	1,000	*	*		
Lower Crow Creek	20,000	17,200	86%		100%
<b>Mission North</b>					
Flathead River Pumping Plant (FPP)	65,000	<i>No FPP data provided by FIIP for WY24 as of publication of this document</i>			100%
Hellroaring/Centipede/Bisson Creek	1,400	1,810	129%	7/11/2025	59%
Pablo A Canal	47,100	48,000	102%	9/9/2025	100%
Upper Crow Creek	14,000	27,600	197%	6/13/2025	53%
Pablo Feeder Canal	66,400	*	*		
<b>Jocko</b>					
Tabor Feeder Canal	28,200	18,000	64%		100%
Upper Jocko River	24,000	34,900	145%	7/18/2025	65%
Agency/Finley Creek	6,100	7,440	122%	7/29/2025	93%
Lower Jocko River	1,700	*	*		
Revais Creek	1,800	1,880	104%	8/20/2025	100%
<b>Little Bitterroot</b>					
Little Bitterroot River	18,000	3,920	22%		100%
<b>Off-Reservation</b>					
Placid Canal	10,000	5,020	50%		100%
Alder Diversion	3,500	859	25%		100%
McGinnis Diversion	1,800	19	1%		100%

\* No data or not enough data to evaluate

^ Not all Administered Locations reported

& The Flathead River Pumping Plant RDA is not restricted to the April 15 - September 15 period. Data reported as of 3/11/2026.

# RDA Charts – 2025



Charts exported from CSKT Water Data website: <https://csktwaterdata.org>

