2025 Water Supply Snapshot (09/10/25)

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

9/10/25 RDA snapshot

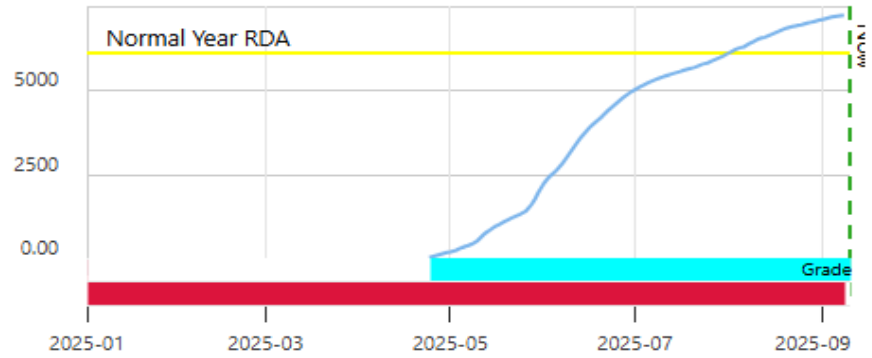
WATER YEAR 2025

Note

The following slides represent the accumulated Water Year 2025 diversions within each RDA geographical area based on the River Diversion Allowance dashboards described in the 2/17/23 Memo to FIIP. These are provided for informational purposes only -- RDA enforcement is not in effect until the effective dates provided in Appendix 3.4.

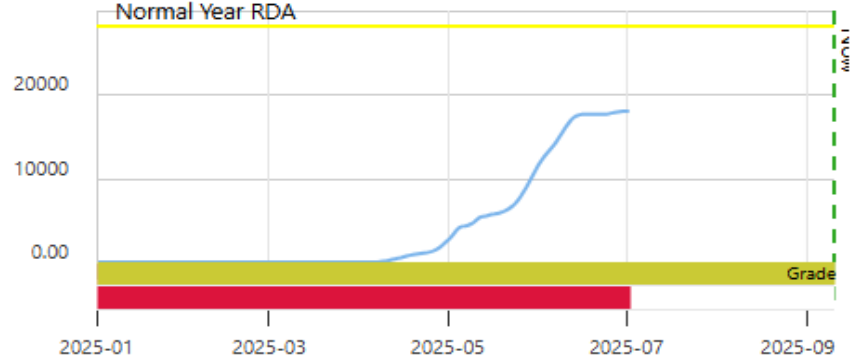
Agency_Finley Creek RDA

7,230 / 6,100 Acre Feet = 118%



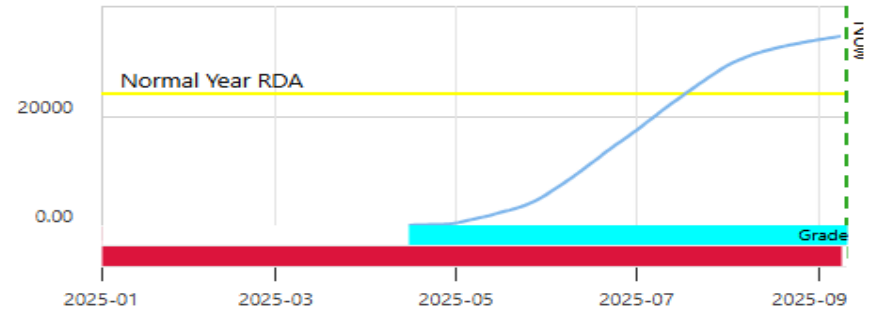
Tabor Feeder Canal RDA

18,000 / 28,200 Acre Feet = 64%



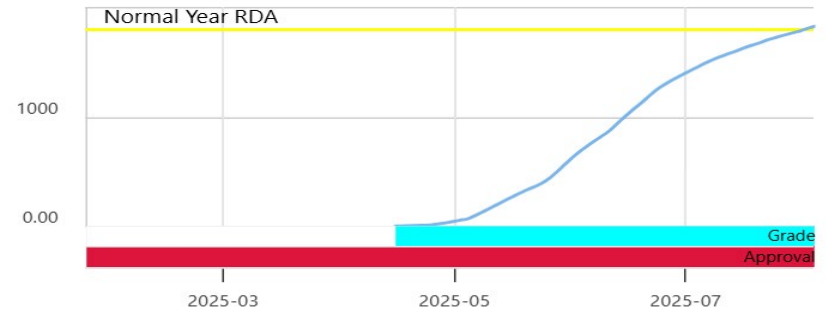
Upper Jocko River RDA

34,500 / 24,000 Acre Feet = 144%



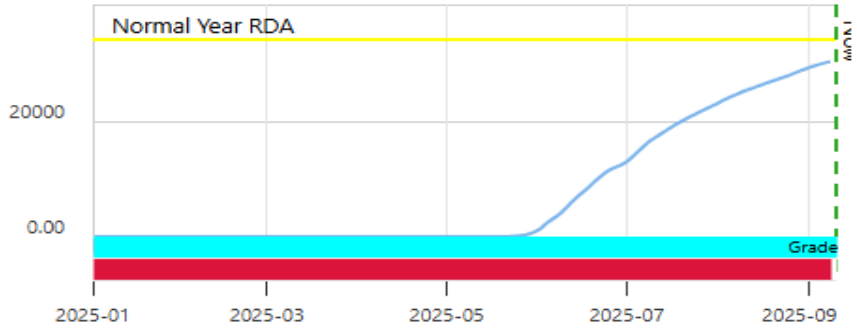
Revais Creek RDA

1,890 / 1,800 Acre Feet =105 %



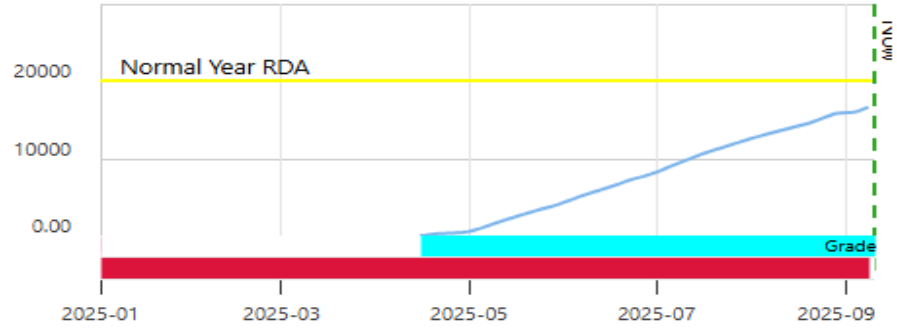
Upper Mission Creek RDA

30,200 / 33,800 Acre Feet = 89%



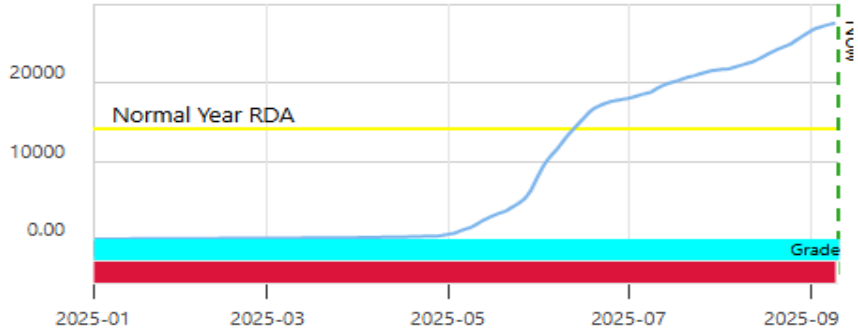
Lower Crow Creek RDA

16,600 / 20,000 Acre Feet = 83%



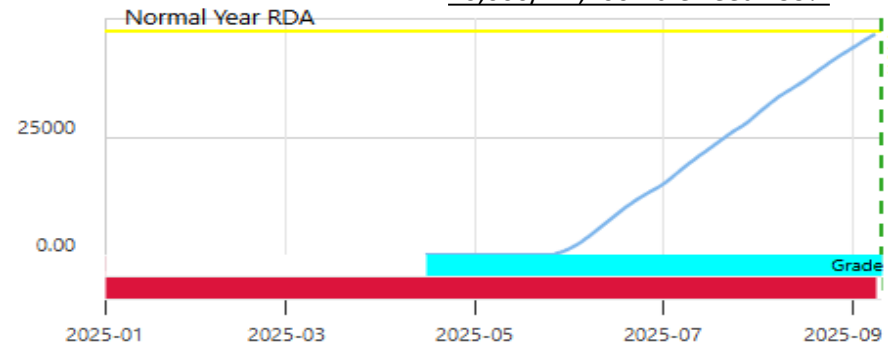
Upper Crow Creek RDA

27,600 / 14,000 Acre Feet = 197%



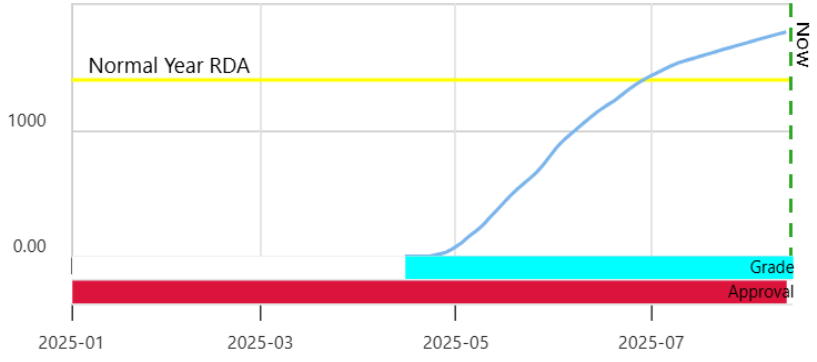
Pablo A Canal RDA

46,600/ 47,100 Acre Feet = 99%



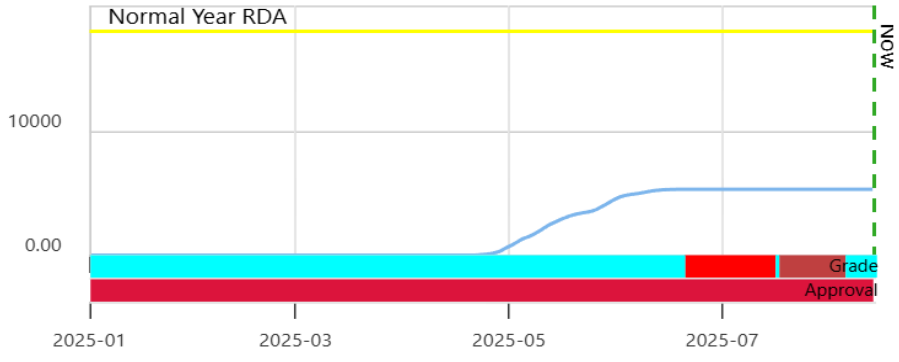
Hellroaring_Centipede_Bisson Cr RDA

1,800 / 1,400 Acre Feet = 129%



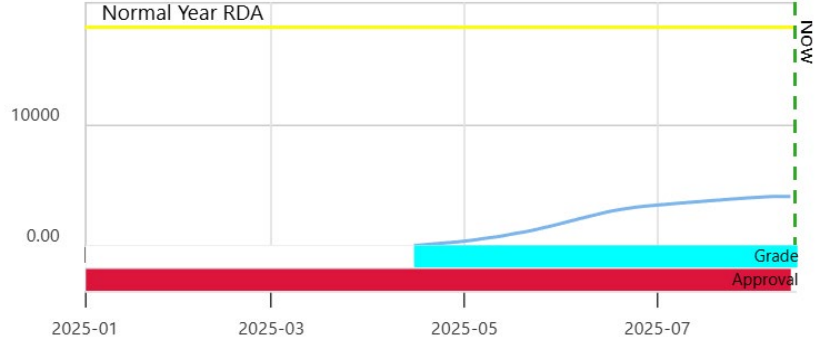
Placid Canal Diversion RDA

5,270 / 20,000 Acre Feet = 26%



Little Bitterroot River RDA

4,020 / 18,000 Acre Feet = 22%



Alder Diversion RDA

817 / 3,500 Acre Feet = 23%

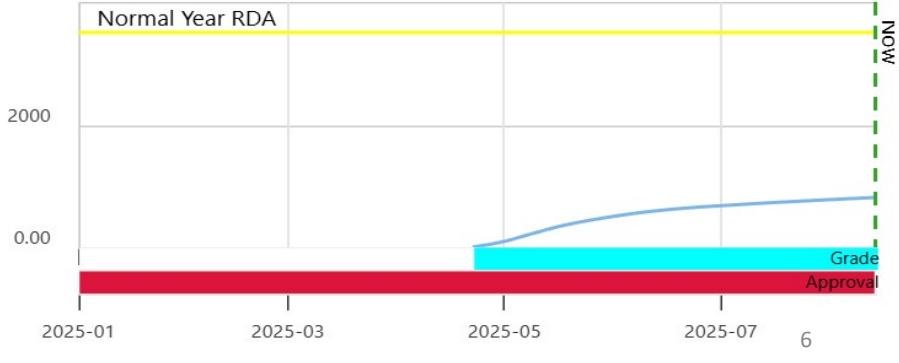


Table 1: April 2025 Water Year NRCS Streamflow Forecasts vs. Observed Flows at Each Gage

		April NRCS Forecast				Site-Specific Water Year Thresholds		
Geographic Area	Gage Site	70%	50%	30%	Observed Apr-Jul	Dry Year	Normal Year	Wet Year
Jocko	South Fork Jocko near Arlee	30,000	33,000	37,000	27,316	<24,000	24,000 - 36,000	>36,000
	Agency Creek	5,100	5,600	6,300	5,562	<4,640	4,640-6,880	>6,880
Mission	Hellroaring Creek	4,000	4,300	4,900	4,108	<3,350	3,350-4,750	>4,750
	North Crow Creek near Ronan	16,600	18,500	20,000	22,107	<14,400	14,400-22,700	>22,700
	South Crow Creek near Ronan	9,600	10,600	11,800	9,754	<7,700	7,700 - 11,800	>11,800
	Mission Creek	24,000	26,000	28,000	27,024	<21,100	21,100 - 29,000	>29,000
Little Bitterroot	Mill Creek above Bassoo Creek near Niarada	3,000	3,700	4,600	1,731	<2,200	2,200 - 4,900	>4,900

Wet
Normal
Dry

*all values are in acre feet

Appendix 3.7

5 Recommendations

Using the recorded April through July streamflow at the active natural flow monitoring gages around the periphery of the Project (indicator gages), the Hydrologic Condition for the Jocko, Mission, and Little Bitterroot areas can be quantified as follows:

Table 5.1: Hydrologic Condition Based on April-July Flow at Indicator Gages

Hydrologic Condition	*Jocko Area*	*Mission Area*	*Little Bitterroot Area*
	Combined April through July flow at: • South Fork Jocko River (USGS Gage 12381400) • Agency Creek above Jocko S Canal (CSKT Gage 5167.00)	Combined April through July flow at: • South Crow Creek (USGS Gage 12375900) • Mission Creek above Reservoir (USGS Gage 12377150) • Hellroaring Creek above Reservoir (CSKT Gage 0060.00) • North Crow Creek at Campground (CSKT Gage 3512.00)	April through July Flow at: • Mill Creek above Bassoo Creek (USGS Gage 12374250)
Wet Year	> 41,500 AF	> 66,500 AF	> 4,900 AF
Normal Year	29,000 AF – 41,500 AF	46,500 AF – 66,500 AF	2,200 AF – 4,900 AF
Dry Year	< 29,000 AF	< 46,500 AF	< 2,200 AF

Combined: → 32,878 Normal | 62,993 Normal | 1,731 Dry