

The Official Water Supply Forecasts for January through July are computed on the 3rd workday of the month. Flood Risk Management (FRM) is computed at standard intervals and posted at: <https://www.nwd.usace.army.mil/CRWM/Forecasts/>

The **JUNE** Water Supply Forecast sets BiOp actions as highlighted in the table below:

Forecast Point	Forecast period	Forecast	BiOp Actions to be Determined
Hungry Horse	April – August Provided by Reclamation	January, February, March	Sets min. flows at Hungry Horse and Columbia Falls
	May – September Provided by Reclamation	January, February, March	Sets VARQ FRM targets
		April	Sets VARQ FRM targets and VARQ refill flows
		May	Sets VARQ refill flows Sets end of September draft target
		June	Sets VARQ refill flows
The Dalles	April – September Provided by NWRFC	March	Sets Columbia River Water Management Program (CRWMP) adjustments at Grand Coulee
	April – August Provided by NWRFC	April	Sets spring flow objective at McNary Dam
		July	Sets end of August draft limit at Grand Coulee
Lower Granite	April – July Provided by NWRFC	April	Sets spring flow objective at Lower Granite
		June	Sets summer flow objective at Lower Granite
Libby	April – August Provided by Corps Seattle District	December	Sets end of December FRM draft requirement
		January, February, March	Sets VARQ FRM requirement
		April	Sets VARQ FRM requirement and VARQ refill flows
		May	Sets Libby min. sturgeon flow volume and min. bull trout flows for after sturgeon pulse through Sep Sets VARQ FRM targets and VARQ refill flows Sets end of September draft target
		June	VARQ refill flows
Dworshak	April – July Provided by NWRFC	January to March	Manage for reservoir FRM, VDL, and Flood Control Refill Curve (FCRC)
		April to June	Manage for reservoir FRM and FCRC

Source: 2026 Water Management Plan, page 15 - <https://public.crohms.org/tmt/documents/wmp/2026/>

4-Jun-2026

Hungry Horse Dam – Official Water Supply Forecast JUNE 2026

Below are the volumes for the June 2026 final forecast for Hungry Horse:

- Jun-Jul: 719 kaf (79%)
- Apr-Aug: 2,013 kaf (98%)
- May-Sep: 1,651 kaf (93%)
- Jan-Jul: 2,451 kaf (110%)

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U.S. Bureau of Reclamation | Columbia-Pacific Northwest Interior - Region 9
Water Management | Operations Group
Boise, ID 83706



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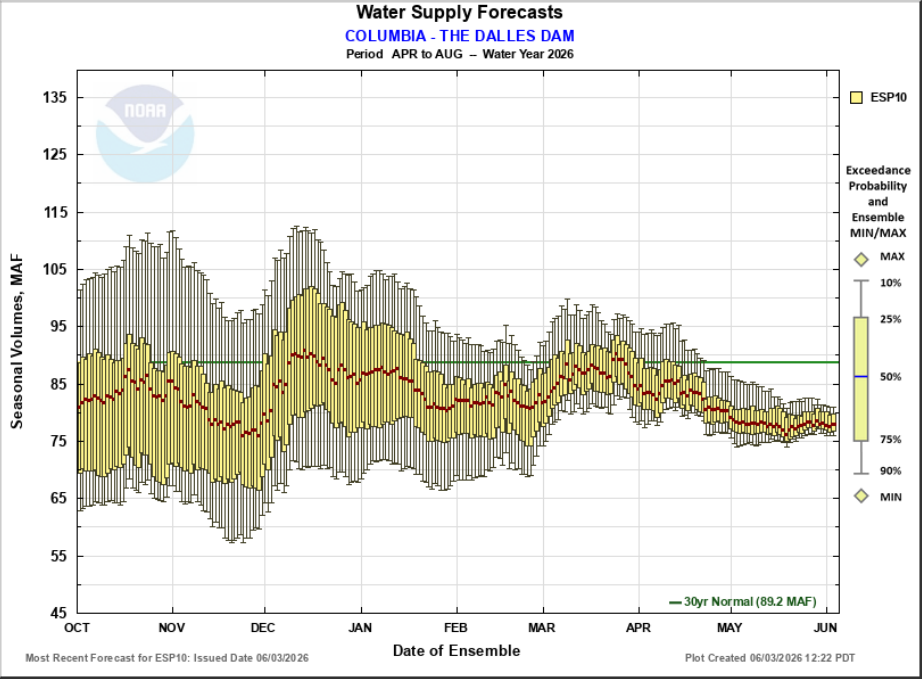
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COLUMBIA - THE DALLES DAM (TDAO3) Forecasts for Water Year 2026					
Official Water Supply					
ESP with 10 Days QPF Ensemble: 2026-06-03 Issued: 2026-06-03					
Forecast Period	Forecasts Are in KAF				30 Year Average (1991-2020)
	90 %	50 %	Average	10 %	
APR-SEP	81296	84011	89	86447	94166
APR-JUL	69537	71261	87	73761	81933
APR-AUG	76372	78399	88	81401	89196
JAN-SEP	106491	109207	94	111643	115946
JAN-JUL	94733	96457	93	98957	103714
OCT-SEP	126377	129093	98	131528	132314
Experimental Water Supply					
HEFS with 15 days EQPF Ensemble: 2026-06-03 Issued: 2026-06-03					
APR-SEP	82087	83770	89	88024	94166
APR-JUL	69721	71550	87	73971	81933
APR-AUG	76732	78581	88	82193	89196
JAN-SEP	107283	108966	94	113220	115946
JAN-JUL	94917	96746	93	99166	103714
OCT-SEP	127168	128852	97	133105	132314
Reference					
ESP with 0 Days QPF Ensemble: 2026-06-03 Issued: 2026-06-03					
APR-SEP	82472	84519	90	89184	94166
APR-JUL	70154	71956	88	75338	81933
APR-AUG	77203	79306	89	83717	89196
JAN-SEP	107667	109715	95	114380	115946
JAN-JUL	95349	97152	94	100534	103714
OCT-SEP	127553	129601	98	134265	132314

Move the mouse over the desired "Forecast Period" to display a graph.



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Forecast Ensemble





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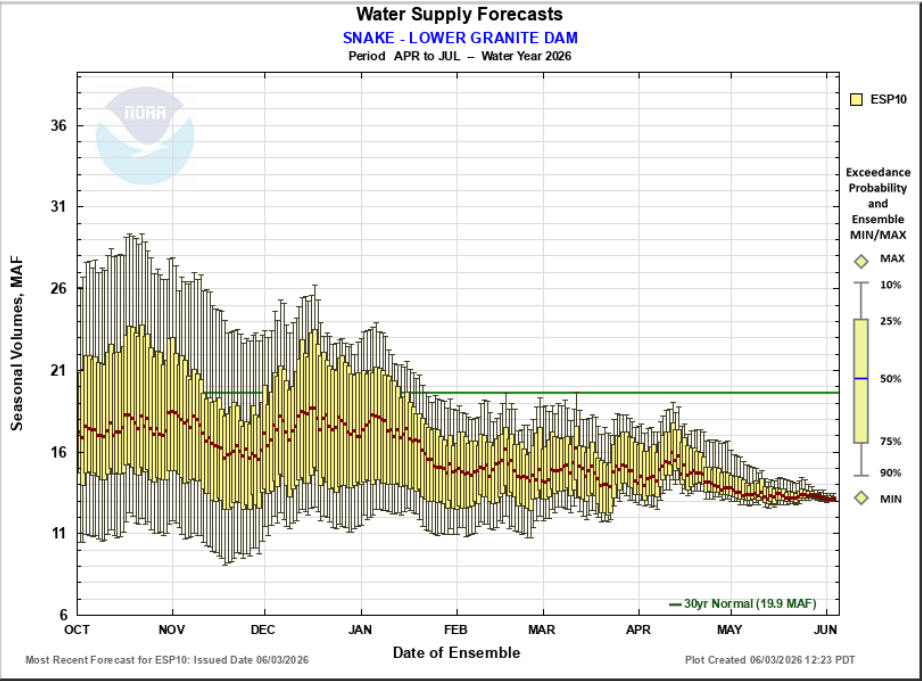
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SNAKE - LOWER GRANITE DAM (LGDW1)					
Forecasts for Water Year 2026					
Official Water Supply					
ESP with 10 Days QPF Ensemble: 2026-06-03 Issued: 2026-06-03					
Forecast Period	Forecasts Are in KAF				30 Year Average (1991-2020)
	90 %	50 %	Average	10 %	
APR-SEP	15370	15604	70	16039	22232
APR-JUL	13279	13432	67	13753	19946
APR-AUG	14332	14524	69	14856	21121
JAN-SEP	22871	23106	78	23541	29736
JAN-JUL	20780	20933	76	21254	27450
OCT-SEP	28108	28342	83	28777	34287
Experimental Water Supply					
HEFS with 15 days EQPF Ensemble: 2026-06-03 Issued: 2026-06-03					
APR-SEP	15335	15626	70	16120	22232
APR-JUL	13261	13428	67	13818	19946
APR-AUG	14280	14497	69	14993	21121
JAN-SEP	22836	23127	78	23622	29736
JAN-JUL	20762	20930	76	21319	27450
OCT-SEP	28073	28364	83	28858	34287
Reference					
ESP with 0 Days QPF Ensemble: 2026-06-03 Issued: 2026-06-03					
APR-SEP	15396	15889	71	16786	22232
APR-JUL	13312	13668	69	14552	19946
APR-AUG	14323	14777	70	15645	21121
JAN-SEP	22897	23390	79	24287	29736
JAN-JUL	20814	21169	77	22054	27450
OCT-SEP	28134	28627	83	29524	34287

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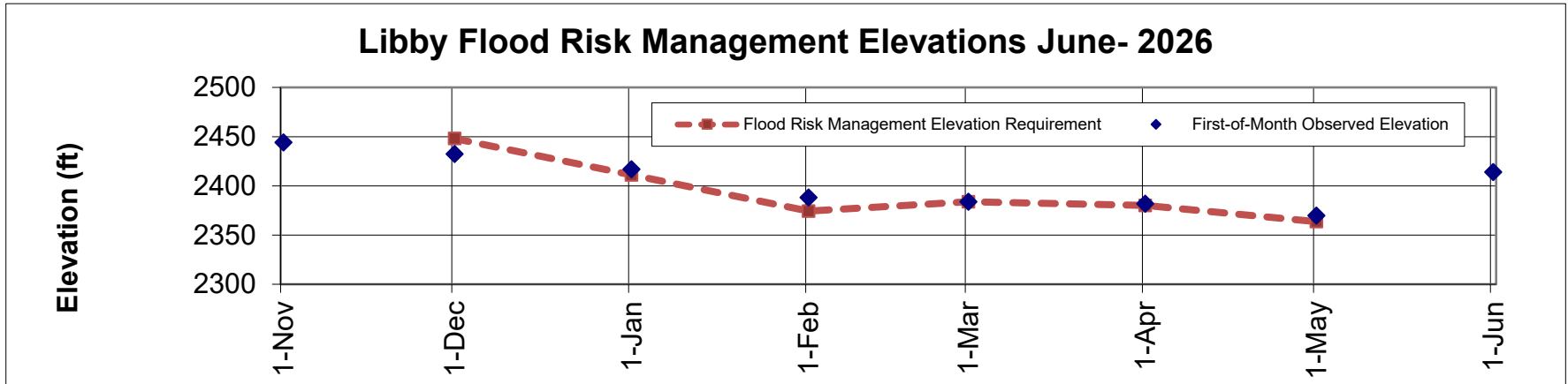
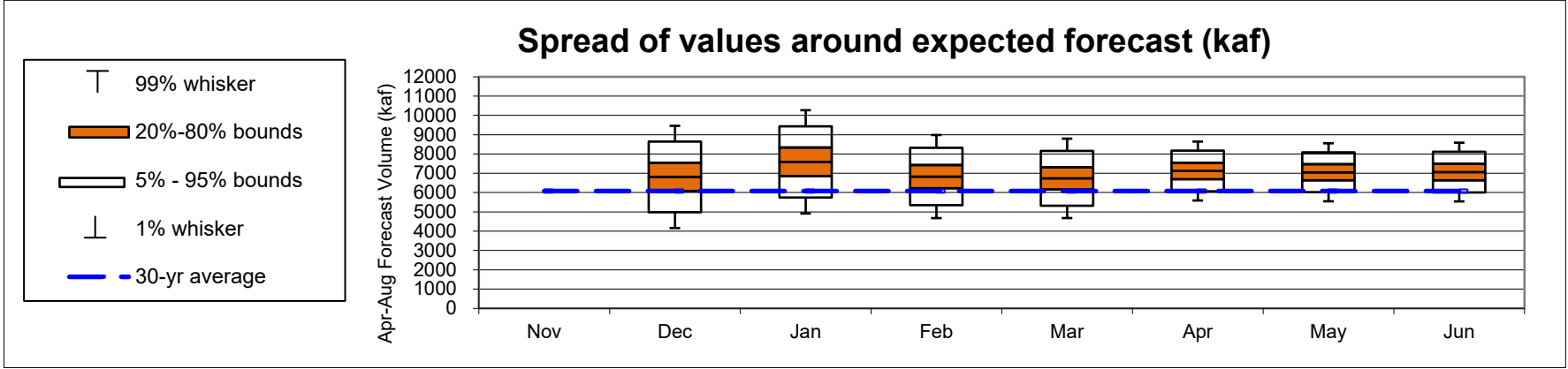
Libby : June Runoff Forecast & Flood Risk Management Calculation

WY 2026

Runoff Forecast	June	1991-2020 Average	1991 - 2020 Percent of Average	1929-2020 Average	1929 - 2020 Percent of Average
Most Probable Runoff Volume: Apr-Aug (kaf)	7064	6080	116%	6259	113%
Most Probable Runoff Volume: Apr-Jul (kaf)	6524	5570	117%	5708	114%
Most Probable Runoff Volume: May-Jul (kaf)	5692	5014	114%	5183	110%

Forecast/Reservoir Data	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Apr-Aug Runoff Forecast (kaf)		6811	7595	6831	6738	7117	7053	7064
First-of-Month Elev (ft)	2444.1	2432.3	2416.7	2388.1	2383.7	2381.8	2369.7	2414.0

Seasonal FRM Requirements	30-Nov	31-Dec	31-Jan	28-Feb	31-Mar	30-Apr		
Flood Risk Management Space (kaf)	500	2000	3138	2871	2978	3425		
Flood Risk Management Elevation (ft)	2448.0	2411.0	2374.4	2383.9	2380.2	2363.6		



Notes:

1. The given forecast is the official Corps of Engineers forecast for Libby. If you have any questions please contact David Varner (206) 316-3155, Leon Basdekas (208) 353-2564, Jason Chang (206) 764-3528, Lumas Helaire (206) 316-3875, Ethan Cheng (206) 572-2798, Piper Klinger (206) 764-6843, or David Doll (206) 316-3003.
2. If a prior month's forecast as published in this document is different than what was originally published in the issue month, then the earlier forecast has been adjusted to reflect updated values for precipitation or streamflow.
3. Nearby Cranbrook A (Auto), BC dataset was used in place of Cranbrook A, BC due to a missing data point in the latter.

Libby : June Runoff Forecast & Flood Risk Management Calculation Apr-Aug Runoff Forecast Calculation:

Variable	Month(s)	Units	Observed Value A	Percent of Average (1991-2020)	Regression Coefficient B	Marginal Runoff (KAF) =A*B
SOI	ΣJun:Jul					
Eureka RS, MT	ΣOct:May Prcp	inches	12.2	135%	37.7	458.7
West Glacier, MT	ΣOct:May Prcp	inches	29.1	129%	22.5	652.7
Cranbrook A, BC	ΣOct:May Prcp	millimeters	222.7	92%	2.0	452.1
Fernie, BC	ΣOct:May Prcp	millimeters	1080.7	128%	0.5	542.5
Hawkins Lake, MT	1-Jun SWE	inches	0.0	0%	10.1	0.0
Stahl Peak, MT	1-Jun SWE	inches	17.3	63%	10.3	178.3
East Creek, BC	1-Jun SWE	millimeters	839.5	122%	0.4	362.9
Moyie Mountain, BC	1-Jun SWE	millimeters	0.2	0%	0.8	0.2
Sunshine Village, AB	1-Jun SWE	millimeters	582.0	129%	0.6	361.6
Akamina Pass, AB	1-Jun SWE	millimeters	33.5	53%	0.7	22.8
South Racehorse Creek, AB	1-Jun SWE	millimeters	9.0	9%	0.6	5.8
Intercept			1		978.0	978.0
Forecast Inflow	June-August	kaf				4015.6
Observed Inflow	April - May	kaf	3048.6			3048.6
May Forecast	April - August	kaf				7064.2

Data used in Libby Water Supply Forecast

Climate Data				Jun-22		Jul-22		
SOI				0.3		0.6		

Precipitation Data	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
Eureka RS, MT (inch)	1.2	2.1	2.5	0.4	1.0	1.0	1.8	2.3
West Glacier, MT (inch)	3.5	5.7	5.1	1.4	1.3	4.5	3.7	3.9
Cranbrook A, BC (mm)	19.4	36.2	57.1	12.5	28.2	14.9	22.9	31.5
Fernie, BC (mm)	113.0	221.7	189.7	93.5	82.0	215.4	75.4	89.9

Snow Water Equiv	1-Nov	1-Dec	1-Jan	1-Feb	1-Mar	1-Apr	1-May	1-Jun
Hawkins Lake, MT (inch)				17.7	20.4	21.4	22.9	0.0
Stahl Peak, MT (inch)			20.9	24.5	28.7	34.1	39.3	17.3
East Creek, BC (mm)				924.6	1056.0	1390.2	1304.0	839.5
Moyie Mountain, BC (mm)			207.5	279.6	377.4	394.6	132.4	0.2
Sunshine Village, AB (mm)			436.0	498.0	565.0	768.0	798.0	582.0
Akamina Pass, AB (mm)				336.2	379.7	464.6	197.1	33.5
South Racehorse Creek, AB (mm)				261.0	330.0	464.5	442.7	9.0

Streamflow	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Libby Inflow Volume (kaf)			329.9	214.9	560.8	832.0	2216.6	

Reservoir Elevation	1-Nov	1-Dec	1-Jan	1-Feb	1-Mar	1-Apr	1-May	1-Jun
Libby FOM Elev (feet)	2444.1	2432.3	2416.7	2388.1	2383.7	2381.8	2369.7	2414.0

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NF CLEARWATER - DWORSHAK DAM (DWR11)

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Forecast Period	Forecasts Are in KAF				30 Year Average (1991-2020)
	90 %	50 %	Average	10 %	
APR-SEP	1874	1924	73	1994	2620
APR-JUL	1765	1814	73	1865	2474
JAN-SEP	3176	3225	91	3296	3543
JAN-JUL	3066	3115	92	3166	3397
OCT-SEP	4061	4111	103	4181	3998

Experimental Water Supply

HEFS with 15 days EQPF Ensemble: 2026-06-03 Issued: 2026-06-03

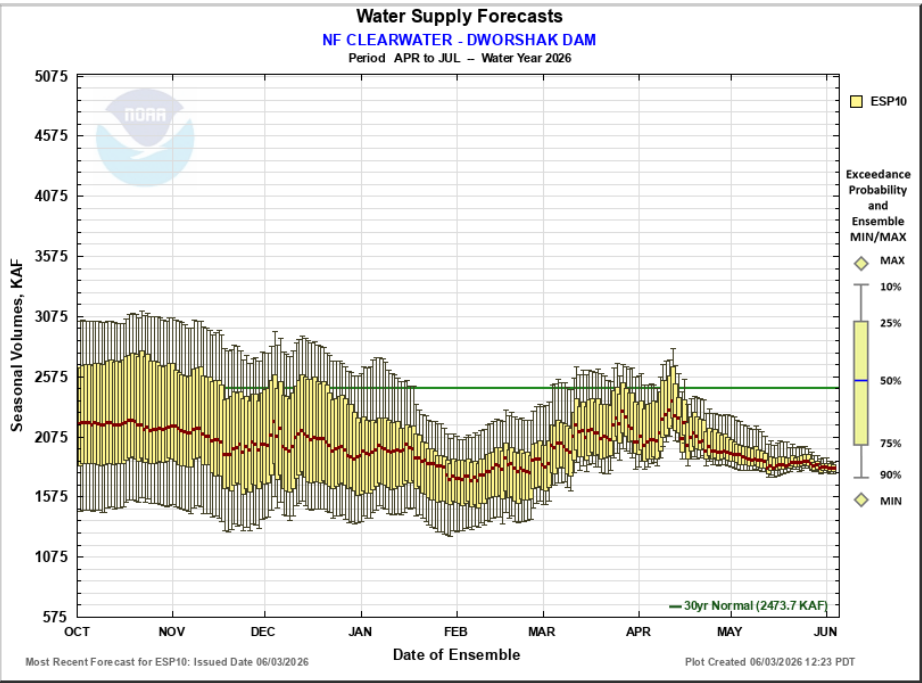
APR-SEP	1878	1934	74	2036	2620
APR-JUL	1768	1819	74	1913	2474
JAN-SEP	3180	3235	91	3338	3543
JAN-JUL	3070	3120	92	3214	3397
OCT-SEP	4065	4121	103	4223	3998

Reference

ESP with 0 Days QPF Ensemble: 2026-06-03 Issued: 2026-06-03

APR-SEP	1898	1964	75	2083	2620
APR-JUL	1787	1849	75	1957	2474
JAN-SEP	3199	3265	92	3384	3543
JAN-JUL	3089	3150	93	3258	3397
OCT-SEP	4084	4151	104	4270	3998

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