

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-wc.usace.army.mil/report/flood_risk/

The **JULY** 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 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, February, March	Manage for reservoir FRM, VDL, and Flood Control Refill Curve (FCRC)
		April, May, June	Manage for reservoir FRM and FCRC

Source: 2025 Water Management Plan, page 16 - <https://public.crohms.org/tmt/documents/wmp/2025/>



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Choose Date: 07/03/2025

Archive: Water Year

SF FLATHEAD - HUNGRY HORSE DAM (HHWM8) Forecasts for Water Year 2025

Official Water Supply

ESP with 10 Days QPF Ensemble: 2025-07-03 Issued: 2025-07-03

Forecast Period	Forecasts Are in KAF				30 Year Average (1991-2020)
	90 %	50 %	Average	10 %	
APR-SEP	1498	1501	72	1523	2088
APR-JUL	1410	1410	71	1411	1981
APR-AUG	1461	1461	72	1468	2043
JAN-SEP	1756	1759	75	1781	2343
JAN-JUL	1668	1668	75	1669	2236
OCT-SEP	1890	1893	74	1916	2567

Experimental Water Supply

HEFS with 15 days EQPF Ensemble: 2025-07-03 Issued: 2025-07-03

Forecast Period	90 %	50 %	Average	10 %	30 Year Average (1991-2020)
APR-SEP	1479	1489	71	1518	2088
APR-JUL	1394	1397	71	1410	1981
APR-AUG	1443	1448	71	1462	2043
JAN-SEP	1737	1747	75	1776	2343
JAN-JUL	1652	1656	74	1668	2236
OCT-SEP	1872	1882	73	1911	2567

Reference

ESP with 0 Days QPF Ensemble: 2025-07-03 Issued: 2025-07-03

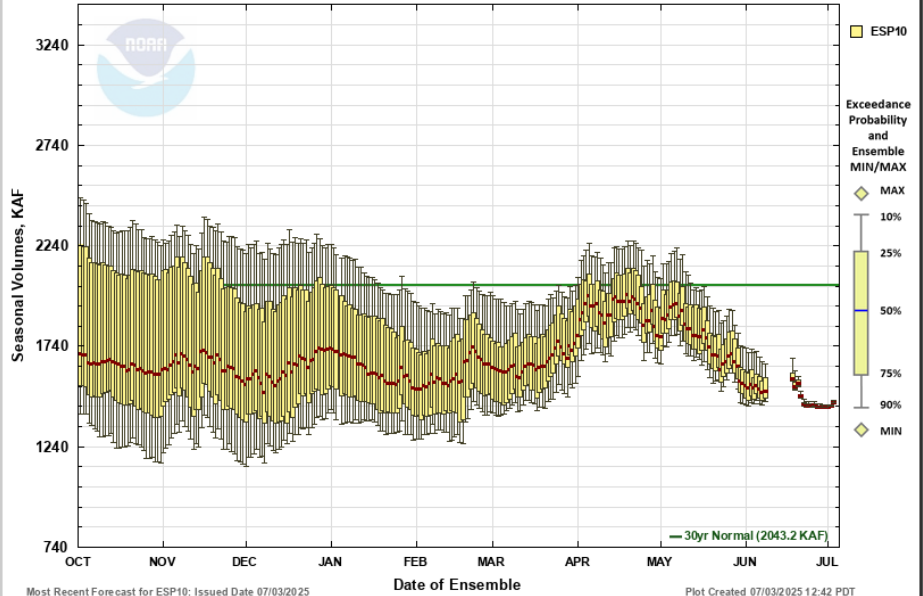
Forecast Period	90 %	50 %	Average	10 %	30 Year Average (1991-2020)
APR-SEP	1479	1491	71	1532	2088
APR-JUL	1393	1396	70	1416	1981
APR-AUG	1442	1448	71	1472	2043
JAN-SEP	1737	1749	75	1790	2343
JAN-JUL	1651	1654	74	1674	2236
OCT-SEP	1871	1883	73	1925	2567

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

Water Supply Forecasts

SF FLATHEAD - HUNGRY HORSE DAM

Period APR to AUG -- Water Year 2025



Max Scale Scale To Data Scale To Last 45 Days Show Min/Max Ensemble Volume Show Tooltips Help

Overlay

ESP10 HEFS ESP0

Data Files

CSV (ESP10 / APR-AUG)

Forecast Ensemble

SF FLATHEAD - HUNGRY HORSE DAM (HHWM8) Forecasts for Water Year 2026

Official Water Supply

ESP with 10 Days QPF Ensemble: 2025-07-03 Issued: 2025-07-03

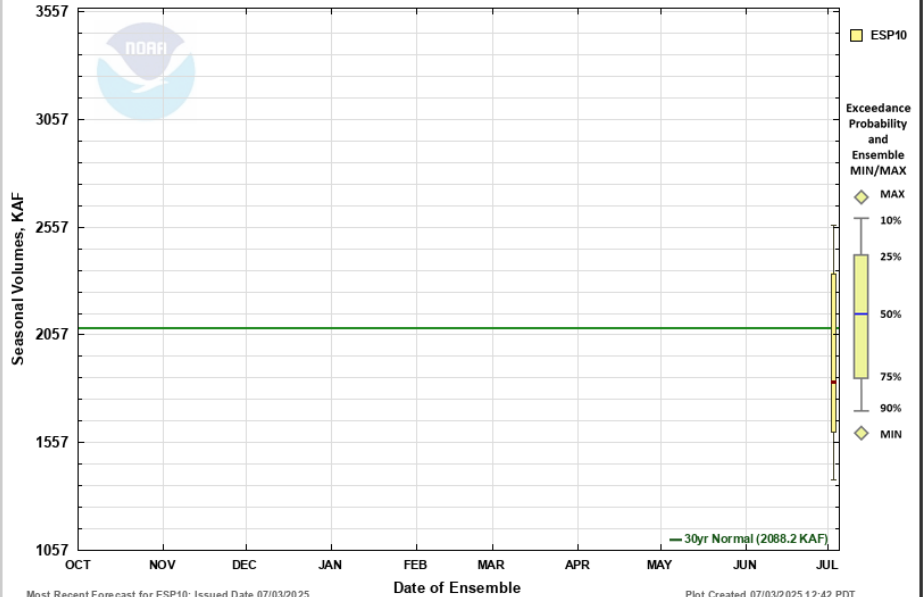
Forecast Period	Forecasts Are in KAF				30 Year Average (1991-2020)
	90 %	50 %	Average	10 %	
APR-SEP	1382	1837	88	2567	2088
APR-JUL	1295	1712	86	2440	1981
APR-AUG	1345	1778	87	2523	2043
JAN-SEP	1576	2110	90	2741	2343
JAN-JUL	1488	1949	87	2614	2236
OCT-SEP	1712	2326	91	3100	2567

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

Water Supply Forecasts

SF FLATHEAD - HUNGRY HORSE DAM

Period APR to SEP -- Water Year 2026



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COLUMBIA - THE DALLES DAM (TDAO3)
Forecasts for Water Year 2025
Official Water Supply

ESP with 10 Days QPF Ensemble: 2025-07-03 Issued: 2025-07-03

Forecast Period	Forecasts Are in KAF				30 Year Average (1991-2020)
	90 %	50 %	Average	10 %	
APR-SEP	71178	71772	76	73221	94166
APR-JUL	61580	61846	75	62267	81933
APR-AUG	66979	67456	76	68211	89196
JAN-SEP	90429	91023	79	92472	115946
JAN-JUL	80831	81097	78	81518	103714
OCT-SEP	104504	105098	79	106547	132314

Experimental Water Supply

HEFS with 15 days EQPF Ensemble: 2025-07-03 Issued: 2025-07-03

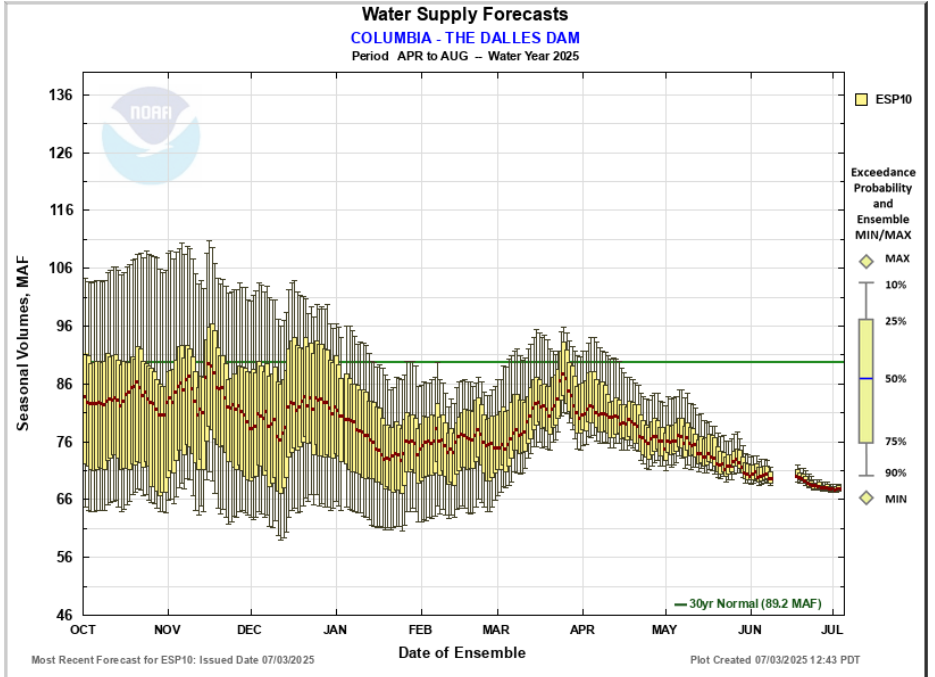
Forecast Period	90 %	50 %	Average	10 %	30 Year Average (1991-2020)
APR-SEP	71277	72049	77	73661	94166
APR-JUL	61648	62001	76	62432	81933
APR-AUG	67029	67761	76	68406	89196
JAN-SEP	90528	91300	79	92912	115946
JAN-JUL	80899	81252	78	81683	103714
OCT-SEP	104603	105375	80	106987	132314

Reference

ESP with 0 Days QPF Ensemble: 2025-07-03 Issued: 2025-07-03

Forecast Period	90 %	50 %	Average	10 %	30 Year Average (1991-2020)
APR-SEP	71373	72378	77	74575	94166
APR-JUL	61632	62271	76	62970	81933
APR-AUG	67213	67985	76	69210	89196
JAN-SEP	90624	91629	79	93826	115946
JAN-JUL	80883	81522	79	82221	103714
OCT-SEP	104699	105704	80	107901	132314

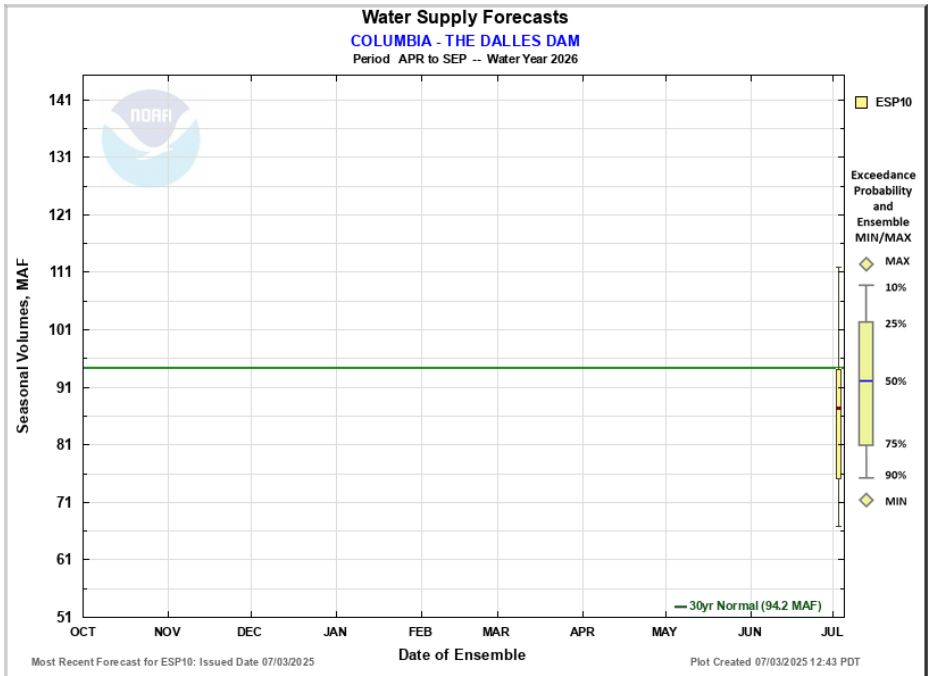
Move the mouse over the desired "Forecast Period" to display a graph.


☐ Max Scale ☒ Scale To Data ☐ Scale To Last 45 Days ☐ Show Min/Max Ensemble Volume ☐ Show Tooltips Help
Overlay
☒ ESP10 ☐ HEFS ☐ ESP0
Data Files[CSV \(ESP10 / APR-AUG\)](#)[Forecast Ensemble](#)
COLUMBIA - THE DALLES DAM (TDAO3)
Forecasts for Water Year 2026
Official Water Supply

ESP with 10 Days QPF Ensemble: 2025-07-03 Issued: 2025-07-03

Forecast Period	Forecasts Are in KAF				30 Year Average (1991-2020)
	90 %	50 %	Average	10 %	
APR-SEP	66836	87364	93	111908	94166
APR-JUL	57100	75730	92	95273	81933
APR-AUG	62902	82565	93	105435	89196
JAN-SEP	80938	105375	91	133231	115946
JAN-JUL	71202	92443	89	118190	103714
OCT-SEP	94334	119915	91	152240	132314

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


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Choose Date: 07/03/2025



Archive: Water Year ▾

SNAKE - LOWER GRANITE DAM (LGDW1) Forecasts for Water Year 2025

Official Water Supply

ESP with 10 Days QPF Ensemble: 2025-07-03 Issued: 2025-07-03

Forecast Period	Forecasts Are in KAF				30 Year Average (1991-2020)
	90 %	50 %	% Average	10 %	
APR-SEP	17982	18062	81	18258	22232
APR-JUL	15850	15868	80	15888	19946
APR-AUG	16921	16971	80	17045	21121
JAN-SEP	25103	25183	85	25379	29736
JAN-JUL	22970	22989	84	23008	27450
OCT-SEP	28682	28761	84	28958	34287

Experimental Water Supply

HEFS with 15 days EQPF Ensemble: 2025-07-03 Issued: 2025-07-03

Forecast Period	Forecasts Are in KAF				30 Year Average (1991-2020)
	90 %	50 %	% Average	10 %	
APR-SEP	17977	18053	81	18255	22232
APR-JUL	15843	15866	80	15889	19946
APR-AUG	16915	16964	80	17044	21121
JAN-SEP	25097	25173	85	25375	29736
JAN-JUL	22963	22987	84	23009	27450
OCT-SEP	28676	28752	84	28954	34287

Reference

ESP with 0 Days QPF Ensemble: 2025-07-03 Issued: 2025-07-03

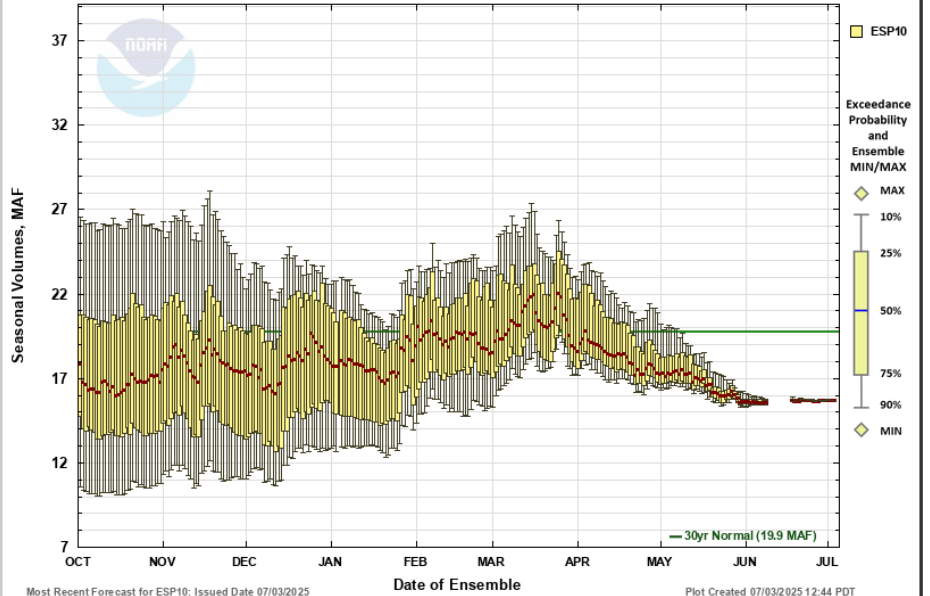
Forecast Period	Forecasts Are in KAF				30 Year Average (1991-2020)
	90 %	50 %	% Average	10 %	
APR-SEP	17981	18076	81	18284	22232
APR-JUL	15843	15873	80	15927	19946
APR-AUG	16914	16980	80	17089	21121
JAN-SEP	25102	25196	85	25404	29736
JAN-JUL	22963	22993	84	23048	27450
OCT-SEP	28681	28775	84	28983	34287

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

Water Supply Forecasts

SNAKE - LOWER GRANITE DAM

Period APR to JUL -- Water Year 2025



Max Scale Scale To Data Scale To Last 45 Days Show Min/Max Ensemble Volume Show Tooltips Help

Overlay

ESP10 HEFS ESP0

Data Files

CSV (ESP10 / APR-JUL)

Forecast Ensemble

SNAKE - LOWER GRANITE DAM (LGDW1) Forecasts for Water Year 2026

Official Water Supply

ESP with 10 Days QPF Ensemble: 2025-07-03 Issued: 2025-07-03

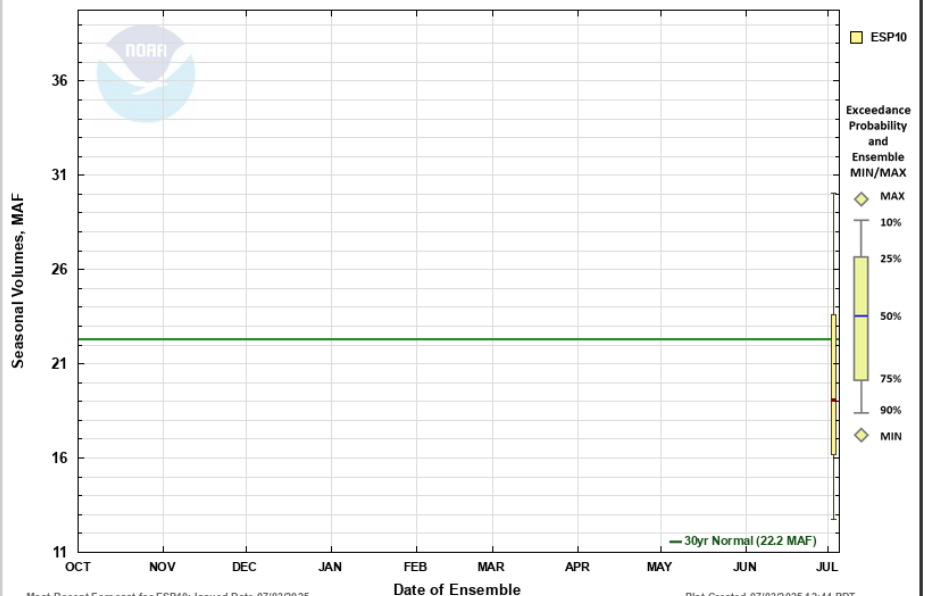
Forecast Period	Forecasts Are in KAF				30 Year Average (1991-2020)
	90 %	50 %	% Average	10 %	
APR-SEP	12675	19037	86	30001	22232
APR-JUL	10918	16954	85	27120	19946
APR-AUG	11768	18009	85	28650	21121
JAN-SEP	18759	26690	90	39271	29736
JAN-JUL	16976	24597	90	36100	27450
OCT-SEP	23678	31444	92	44879	34287

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

Water Supply Forecasts

SNAKE - LOWER GRANITE DAM

Period APR to SEP -- Water Year 2026



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KOOTENAI - LIBBY DAM (LYDM8)
Forecasts for Water Year 2025
Official Water Supply

ESP with 10 Days QPF Ensemble: 2025-07-03 Issued: 2025-07-03

Forecast Period	Forecasts Are in KAF				30 Year Average (1991-2020)
	90 %	50 %	Average	10 %	
APR-SEP	4236	4314	67	4428	6429
APR-JUL	3721	3729	67	3747	5570
APR-AUG	4032	4061	67	4125	6080
JAN-SEP	4712	4790	68	4903	7086
JAN-JUL	4196	4205	68	4222	6227
OCT-SEP	5504	5582	70	5695	7981

Experimental Water Supply

HEFS with 15 days EQPF Ensemble: 2025-07-03 Issued: 2025-07-03

APR-SEP	4244	4332	67	4484	6429
APR-JUL	3724	3737	67	3764	5570
APR-AUG	4040	4070	67	4181	6080
JAN-SEP	4719	4807	68	4960	7086
JAN-JUL	4200	4212	68	4240	6227
OCT-SEP	5511	5599	70	5752	7981

Reference

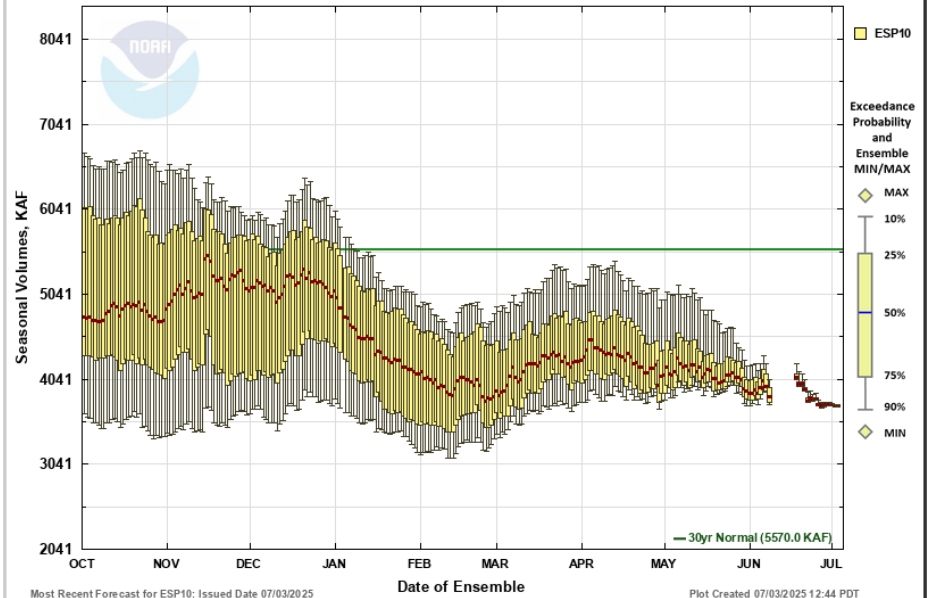
ESP with 0 Days QPF Ensemble: 2025-07-03 Issued: 2025-07-03

APR-SEP	4252	4342	68	4514	6429
APR-JUL	3722	3740	67	3828	5570
APR-AUG	4038	4074	67	4223	6080
JAN-SEP	4727	4817	68	4989	7086
JAN-JUL	4197	4216	68	4304	6227
OCT-SEP	5519	5609	70	5781	7981

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

Water Supply Forecasts**KOOTENAI - LIBBY DAM**

Period APR to JUL -- Water Year 2025


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Overlay

ESP10 HEFS ESP0

Data Files

CSV (ESP10 / APR-AUG)

Forecast Ensemble

KOOTENAI - LIBBY DAM (LYDM8)
Forecasts for Water Year 2026
Official Water Supply

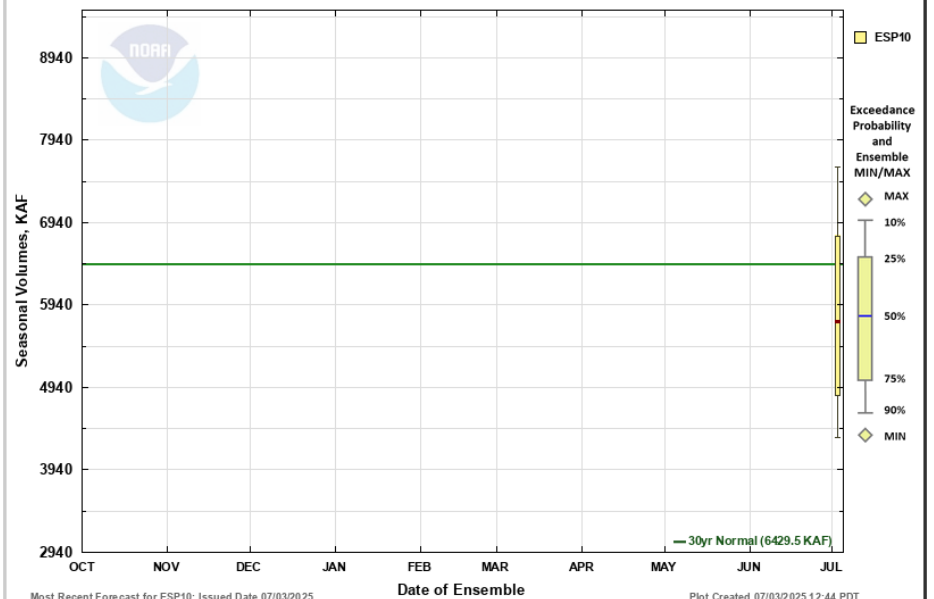
ESP with 10 Days QPF Ensemble: 2025-07-03 Issued: 2025-07-03

Forecast Period	Forecasts Are in KAF				30 Year Average (1991-2020)
	90 %	50 %	Average	10 %	
APR-SEP	4328	5739	89	7608	6429
APR-JUL	3599	4880	88	6555	5570
APR-AUG	4031	5335	88	7157	6080
JAN-SEP	4777	6291	89	8108	7086
JAN-JUL	4090	5416	87	7153	6227
OCT-SEP	5353	7025	88	9155	7981

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

Water Supply Forecasts**KOOTENAI - LIBBY DAM**

Period APR to SEP -- Water Year 2026


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NF CLEARWATER - DWORSHAK DAM (DWR11) Forecasts for Water Year 2025

Official Water Supply

ESP with 10 Days QPF Ensemble: 2025-07-03 Issued: 2025-07-03

Forecast Period	Forecasts Are in KAF				30 Year Average (1991-2020)
	90 %	50 %	% Average	10 %	
APR-SEP	1877	1881	72	1897	2620
APR-JUL	1774	1774	72	1779	2474
JAN-SEP	2737	2741	77	2757	3543
JAN-JUL	2635	2635	78	2639	3397
OCT-SEP	3077	3082	77	3097	3998

Experimental Water Supply

HEFS with 15 days EQPF Ensemble: 2025-07-03 Issued: 2025-07-03

APR-SEP	1877	1882	72	1898	2620
APR-JUL	1774	1775	72	1780	2474
JAN-SEP	2737	2742	77	2758	3543
JAN-JUL	2634	2635	78	2641	3397
OCT-SEP	3078	3082	77	3099	3998

Reference

ESP with 0 Days QPF Ensemble: 2025-07-03 Issued: 2025-07-03

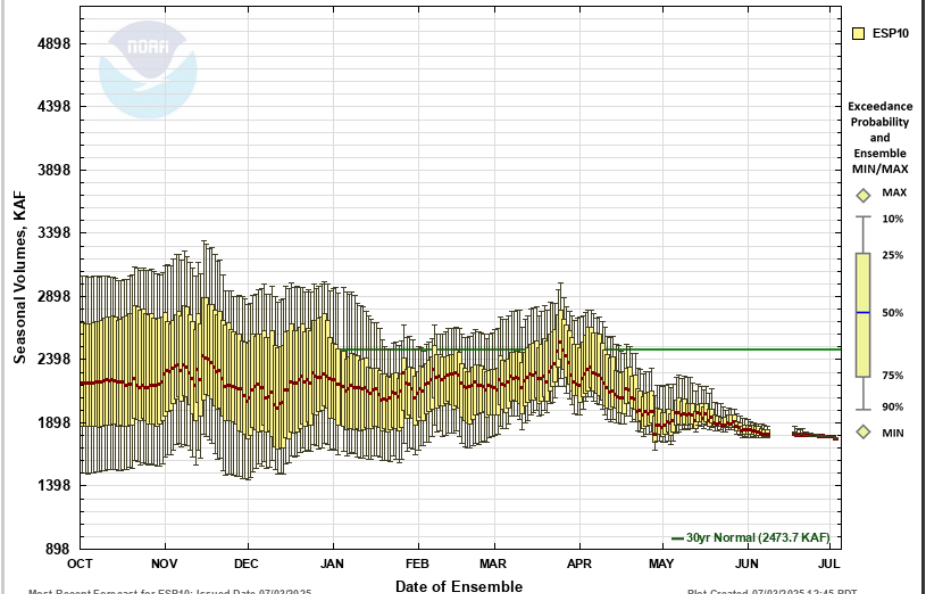
APR-SEP	1877	1883	72	1922	2620
APR-JUL	1774	1775	72	1794	2474
JAN-SEP	2738	2744	77	2783	3543
JAN-JUL	2634	2636	78	2655	3397
OCT-SEP	3078	3084	77	3123	3998

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

Water Supply Forecasts

NF CLEARWATER - DWORSHAK DAM

Period APR to JUL -- Water Year 2025



☐ Max Scale ☒ Scale To Data ☐ Scale To Last 45 Days ☐ Show Min/Max Ensemble Volume ☐ Show Tooltips Help

Overlay

ESP10

HEFS

ESP0

Data Files

CSV (ESP10 / APR-JUL)

Forecast Ensemble

NF CLEARWATER - DWORSHAK DAM (DWR11) Forecasts for Water Year 2026

Official Water Supply

ESP with 10 Days QPF Ensemble: 2025-07-03 Issued: 2025-07-03

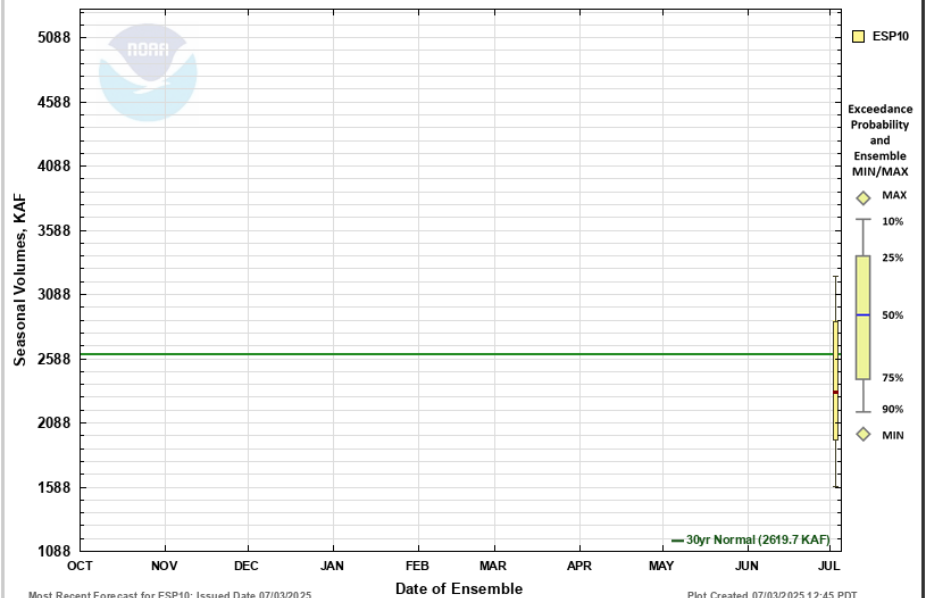
Forecast Period	Forecasts Are in KAF				30 Year Average (1991-2020)
	90 %	50 %	% Average	10 %	
APR-SEP	1596	2328	89	3228	2620
APR-JUL	1491	2189	88	3058	2474
JAN-SEP	2269	3324	94	4230	3543
JAN-JUL	2165	3187	94	4087	3397
OCT-SEP	2549	3655	91	4688	3998

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

Water Supply Forecasts

NF CLEARWATER - DWORSHAK DAM

Period APR to SEP -- Water Year 2026



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