

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 **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 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/>



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

ESP with 10 Days QPF Ensemble: 2026-07-06 Issued: 2026-07-06

Forecast Period	Forecasts Are in KAF				30 Year Average (1991-2020)
	90 %	50 %	Average	10 %	
APR-SEP	1948	1954	94	1976	2088
APR-JUL	1852	1852	93	1852	1981
APR-AUG	1909	1911	94	1919	2043
JAN-SEP	2522	2528	108	2550	2343
JAN-JUL	2427	2427	109	2427	2236
OCT-SEP	3049	3055	119	3077	2567

Experimental Water Supply

HEFS with 15 days EQPF Ensemble: 2026-07-06 Issued: 2026-07-06

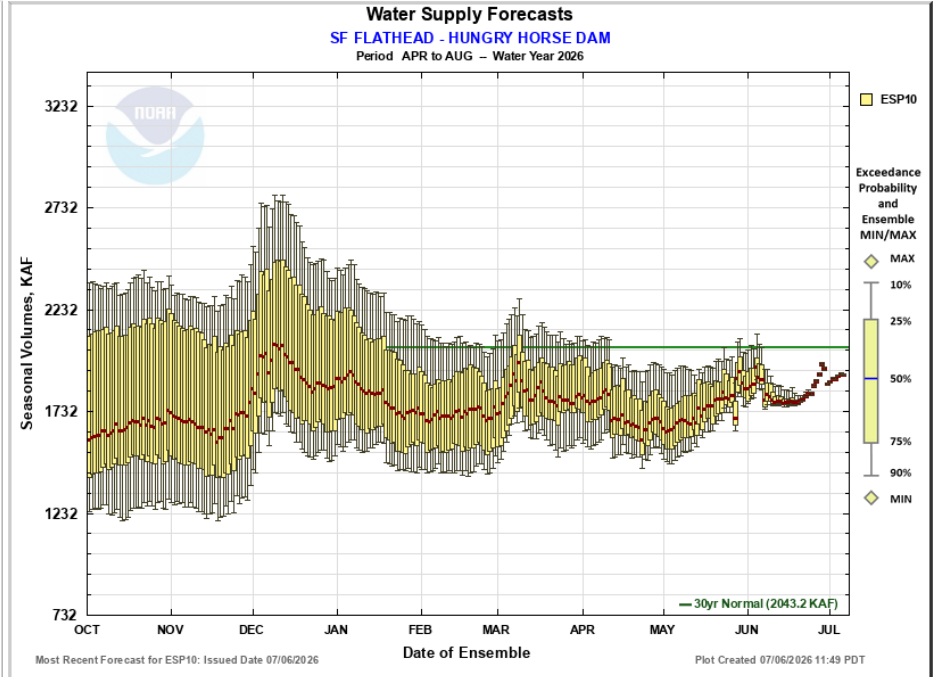
APR-SEP	1949	1958	94	1993	2088
APR-JUL	1853	1854	94	1866	1981
APR-AUG	1910	1914	94	1930	2043
JAN-SEP	2523	2532	108	2559	2343
JAN-JUL	2427	2429	109	2440	2236
OCT-SEP	3050	3059	119	3086	2567

Reference

ESP with 0 Days QPF Ensemble: 2026-07-06 Issued: 2026-07-06

APR-SEP	1949	1959	94	1993	2088
APR-JUL	1852	1853	94	1866	1981
APR-AUG	1910	1913	94	1930	2043
JAN-SEP	2524	2533	108	2568	2343
JAN-JUL	2426	2428	109	2440	2236
OCT-SEP	3050	3060	119	3094	2567

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)

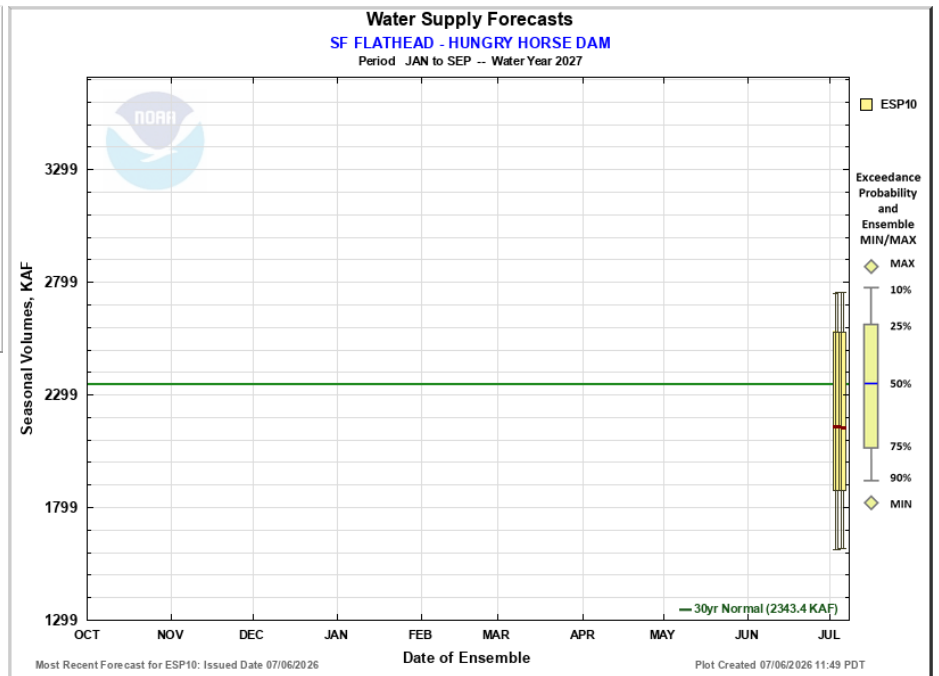
Forecast Ensemble

SF FLATHEAD - HUNGRY HORSE DAM (HHWM8)
 Forecasts for Water Year 2027
Official Water Supply

ESP with 10 Days QPF Ensemble: 2026-07-06 Issued: 2026-07-06

Forecast Period	Forecasts Are in KAF				30 Year Average (1991-2020)
	90 %	50 %	Average	10 %	
APR-SEP	1411	1862	89	2574	2088
APR-JUL	1321	1737	88	2451	1981
APR-AUG	1373	1793	88	2530	2043
JAN-SEP	1616	2153	92	2755	2343
JAN-JUL	1527	1984	89	2631	2236
OCT-SEP	1757	2373	92	3123	2567

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COLUMBIA - THE DALLES DAM (TDAO3)
 Forecasts for Water Year 2026
Official Water Supply

ESP with 10 Days QPF Ensemble: 2026-07-06 Issued: 2026-07-06

Forecast Period	Forecasts Are in KAF				30 Year Average (1991-2020)
	90 %	50 %	Average	10 %	
APR-SEP	77652	78478	83	79859	94166
APR-JUL	67352	67631	83	68084	81933
APR-AUG	73270	73892	83	74635	89196
JAN-SEP	102848	103674	89	105055	115946
JAN-JUL	92548	92827	90	93279	103714
OCT-SEP	122733	123559	93	124940	132314

Experimental Water Supply

HEFS with 15 days EQPF Ensemble: 2026-07-06 Issued: 2026-07-06

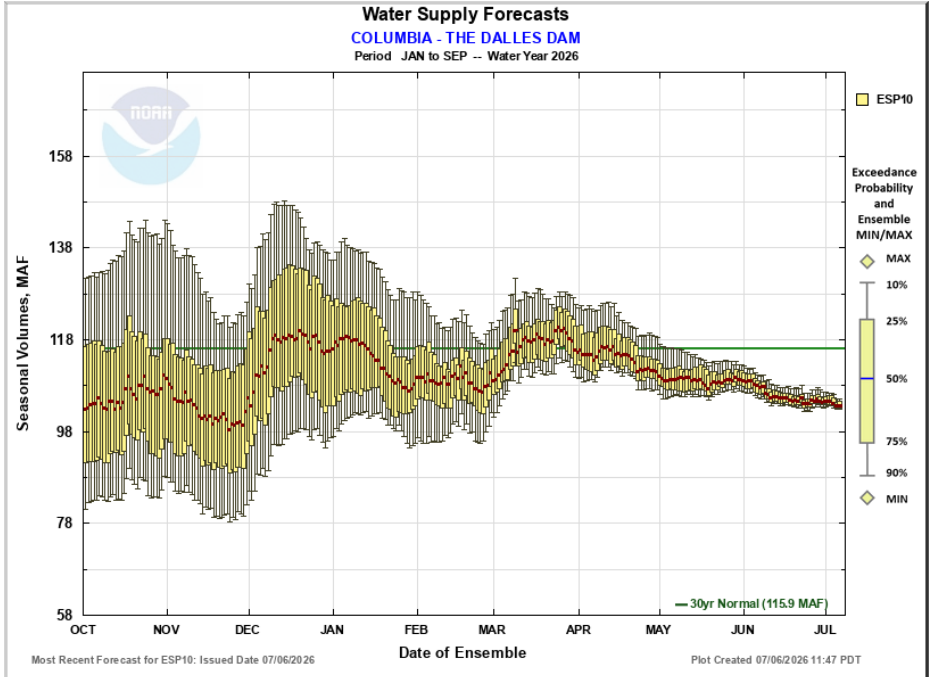
APR-SEP	77684	78334	83	79870	94166
APR-JUL	67220	67592	82	67857	81933
APR-AUG	73286	73781	83	74453	89196
JAN-SEP	102880	103530	89	105066	115946
JAN-JUL	92416	92788	89	93053	103714
OCT-SEP	122765	123415	93	124951	132314

Reference

ESP with 0 Days QPF Ensemble: 2026-07-06 Issued: 2026-07-06

APR-SEP	78047	79360	84	81523	94166
APR-JUL	67571	68227	83	68876	81933
APR-AUG	73681	74721	84	76016	89196
JAN-SEP	103243	104556	90	106719	115946
JAN-JUL	92767	93423	90	94072	103714
OCT-SEP	123128	124441	94	126604	132314

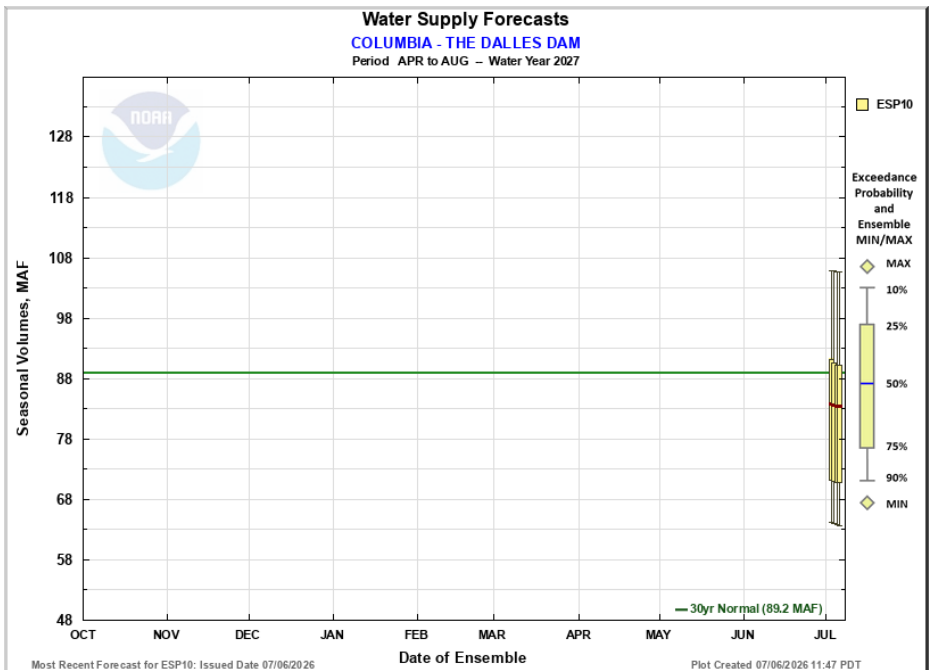
Move the mouse over the desired "Forecast Period" to display a graph.


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Data Files[CSV \(ESP10 / APR-AUG\)](#)[Forecast Ensemble](#)
COLUMBIA - THE DALLES DAM (TDAO3)
 Forecasts for Water Year 2027
Official Water Supply

ESP with 10 Days QPF Ensemble: 2026-07-06 Issued: 2026-07-06

Forecast Period	Forecasts Are in KAF				30 Year Average (1991-2020)
	90 %	50 %	Average	10 %	
APR-SEP	67921	88317	94	111929	94166
APR-JUL	58154	76243	93	95869	81933
APR-AUG	63926	83643	94	105814	89196
JAN-SEP	82258	106704	92	134451	115946
JAN-JUL	72492	93534	90	118258	103714
OCT-SEP	95120	121104	92	153255	132314

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

ESP with 10 Days QPF Ensemble: 2026-07-06 Issued: 2026-07-06

Forecast Period	Forecasts Are in KAF				30 Year Average (1991-2020)
	90 %	50 %	Average	10 %	
APR-SEP	15930	15997	72	16188	22232
APR-JUL	13776	13784	69	13799	19946
APR-AUG	14837	14880	70	14964	21121
JAN-SEP	23431	23498	79	23689	29736
JAN-JUL	21277	21285	78	21300	27450
OCT-SEP	28668	28735	84	28926	34287

Experimental Water Supply

HEFS with 15 days EQPF Ensemble: 2026-07-06 Issued: 2026-07-06

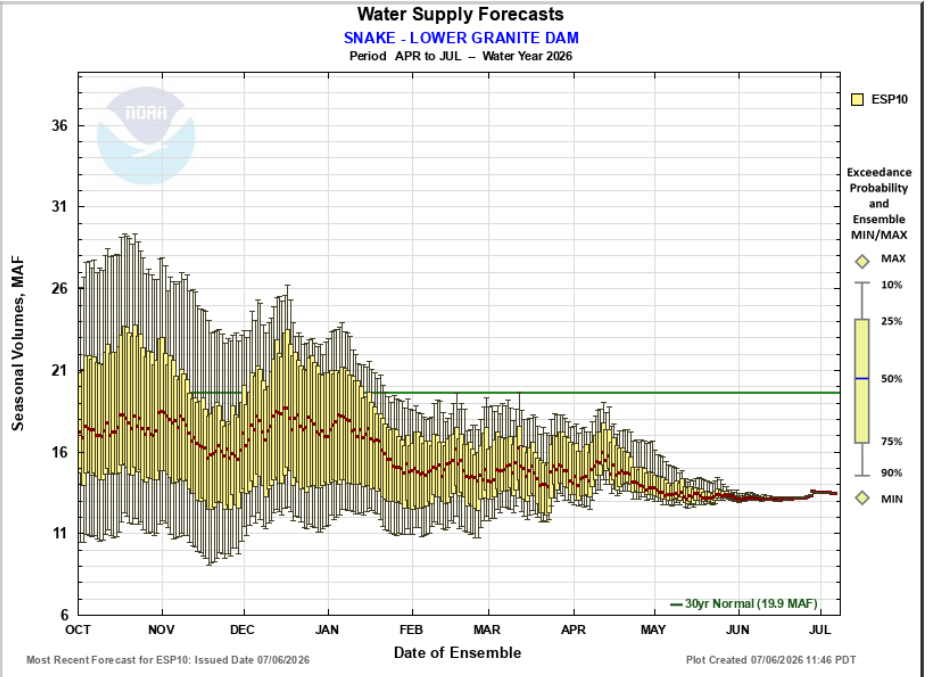
APR-SEP	15923	15991	72	16185	22232
APR-JUL	13770	13779	69	13795	19946
APR-AUG	14832	14876	70	14961	21121
JAN-SEP	23425	23492	79	23687	29736
JAN-JUL	21271	21280	78	21296	27450
OCT-SEP	28661	28729	84	28923	34287

Reference

ESP with 0 Days QPF Ensemble: 2026-07-06 Issued: 2026-07-06

APR-SEP	15926	16002	72	16228	22232
APR-JUL	13763	13779	69	13824	19946
APR-AUG	14832	14884	70	14991	21121
JAN-SEP	23427	23504	79	23729	29736
JAN-JUL	21264	21280	78	21326	27450
OCT-SEP	28664	28740	84	28966	34287

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


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Overlay
☒ ESP10 ☐ HEFS ☐ ESP0
Data Files

CSV (ESP10 / APR-JUL)

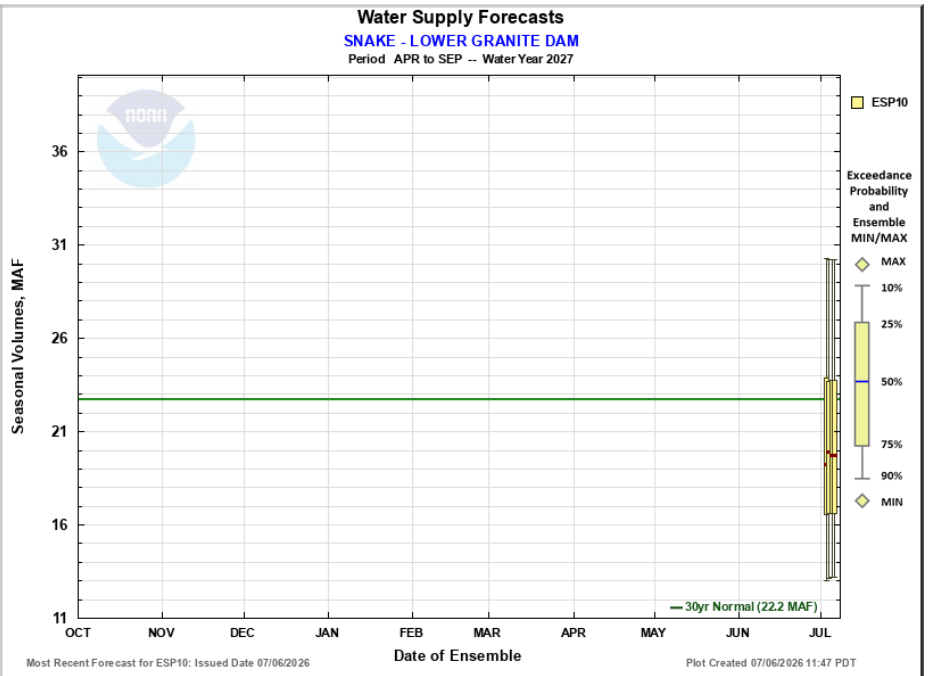
Forecast Ensemble

SNAKE - LOWER GRANITE DAM (LGDW1)
 Forecasts for Water Year 2027
Official Water Supply

ESP with 10 Days QPF Ensemble: 2026-07-06 Issued: 2026-07-06

Forecast Period	Forecasts Are in KAF				30 Year Average (1991-2020)
	90 %	50 %	Average	10 %	
APR-SEP	12698	19230	86	29738	22232
APR-JUL	10938	17104	86	26788	19946
APR-AUG	11789	18183	86	28371	21121
JAN-SEP	18574	26104	88	38305	29736
JAN-JUL	16793	24114	88	35116	27450
OCT-SEP	23386	30575	89	43806	34287

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


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

ESP with 10 Days QPF Ensemble: 2026-07-06 Issued: 2026-07-06

Forecast Period	Forecasts Are in KAF				30 Year Average (1991-2020)
	90 %	50 %	Average	10 %	
APR-SEP	6809	6914	108	7058	6429
APR-JUL	6085	6093	109	6109	5570
APR-AUG	6546	6582	108	6631	6080
JAN-SEP	7918	8023	113	8167	7086
JAN-JUL	7194	7202	116	7218	6227
OCT-SEP	8866	8971	112	9115	7981

Experimental Water Supply

HEFS with 15 days EQPF Ensemble: 2026-07-06 Issued: 2026-07-06

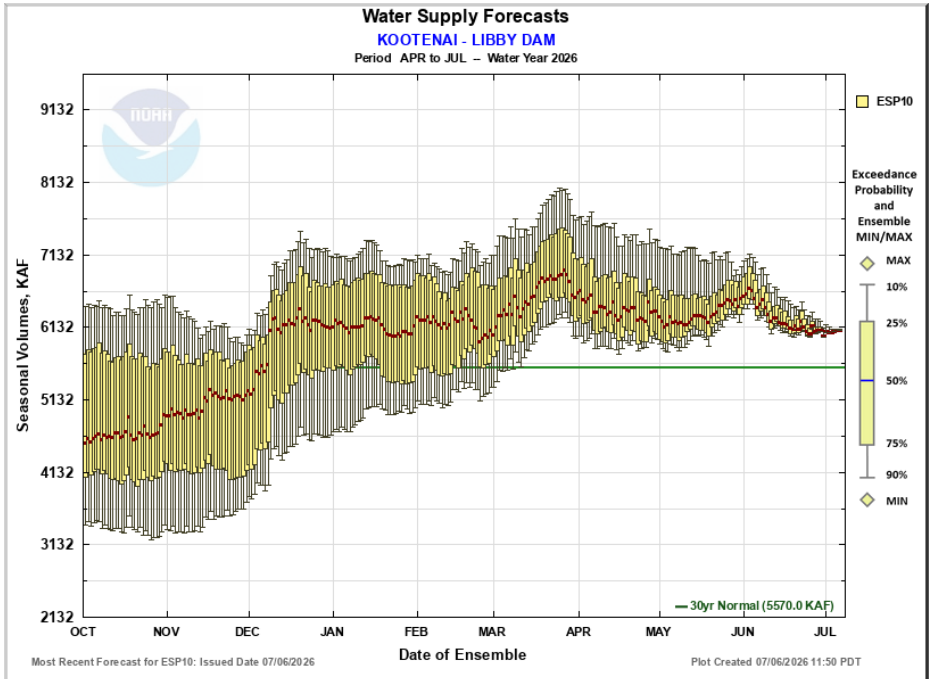
APR-SEP	6822	6939	108	7068	6429
APR-JUL	6099	6114	110	6130	5570
APR-AUG	6568	6604	109	6655	6080
JAN-SEP	7931	8048	114	8177	7086
JAN-JUL	7208	7223	116	7238	6227
OCT-SEP	8879	8996	113	9126	7981

Reference

ESP with 0 Days QPF Ensemble: 2026-07-06 Issued: 2026-07-06

APR-SEP	6832	6975	108	7296	6429
APR-JUL	6092	6127	110	6297	5570
APR-AUG	6560	6631	109	6889	6080
JAN-SEP	7941	8084	114	8405	7086
JAN-JUL	7201	7236	116	7406	6227
OCT-SEP	8889	9032	113	9353	7981

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


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Overlay

ESP10 HEFS ESP0

Data Files

CSV (ESP10 / APR-AUG)

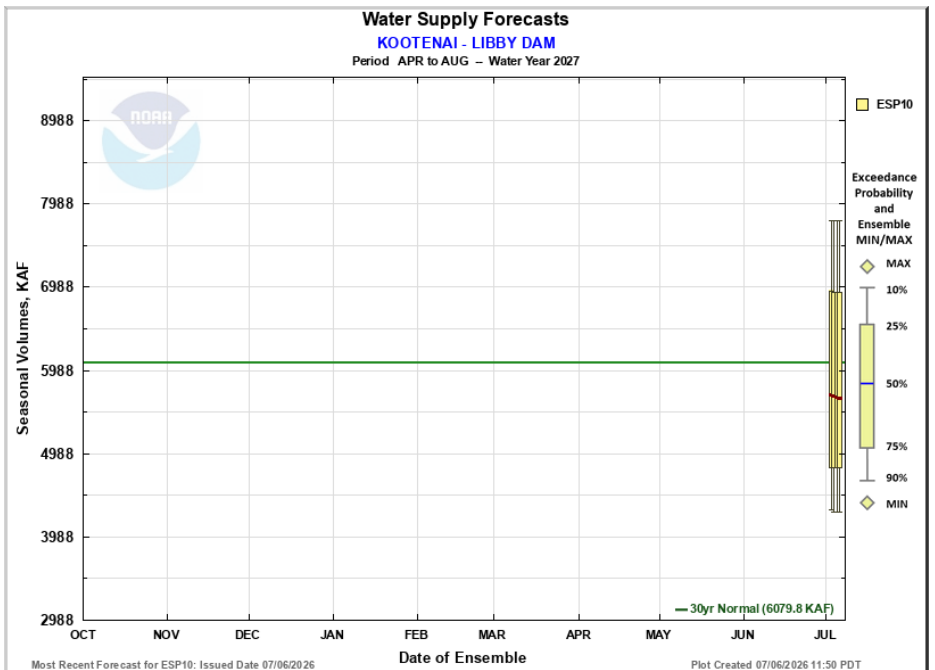
Forecast Ensemble

KOOTENAI - LIBBY DAM (LYDM8)
 Forecasts for Water Year 2027
Official Water Supply

ESP with 10 Days QPF Ensemble: 2026-07-06 Issued: 2026-07-06

Forecast Period	Forecasts Are in KAF				30 Year Average (1991-2020)
	90 %	50 %	Average	10 %	
APR-SEP	4609	6095	95	8242	6429
APR-JUL	3849	5173	93	7133	5570
APR-AUG	4286	5660	93	7786	6080
JAN-SEP	5148	6711	95	8889	7086
JAN-JUL	4425	5796	93	7780	6227
OCT-SEP	5854	7625	96	10030	7981

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

ESP with 10 Days QPF Ensemble: 2026-07-06 Issued: 2026-07-06

Forecast Period	Forecasts Are in KAF				30 Year Average (1991-2020)
	90 %	50 %	% Average	10 %	
APR-SEP	1967	1971	75	1986	2620
APR-JUL	1855	1856	75	1859	2474
JAN-SEP	3268	3272	92	3287	3543
JAN-JUL	3157	3157	93	3160	3397
OCT-SEP	4153	4157	104	4173	3998

Experimental Water Supply

HEFS with 15 days EQPF Ensemble: 2026-07-06 Issued: 2026-07-06

Forecast Period	Forecasts Are in KAF				30 Year Average (1991-2020)
	90 %	50 %	% Average	10 %	
APR-SEP	1965	1971	75	1986	2620
APR-JUL	1855	1855	75	1858	2474
JAN-SEP	3267	3272	92	3287	3543
JAN-JUL	3156	3156	93	3159	3397
OCT-SEP	4152	4157	104	4172	3998

Reference

ESP with 0 Days QPF Ensemble: 2026-07-06 Issued: 2026-07-06

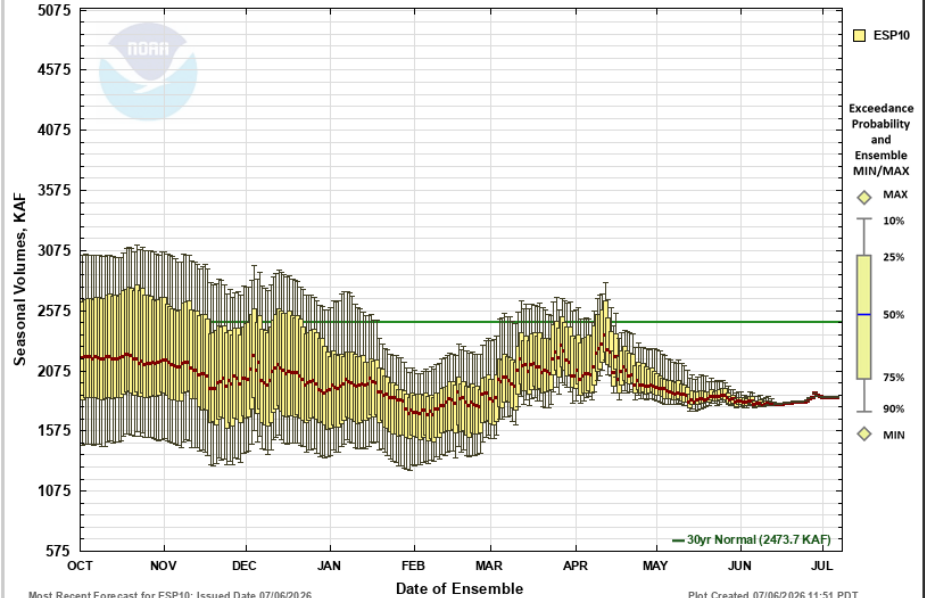
Forecast Period	Forecasts Are in KAF				30 Year Average (1991-2020)
	90 %	50 %	% Average	10 %	
APR-SEP	1967	1972	75	1990	2620
APR-JUL	1855	1857	75	1862	2474
JAN-SEP	3268	3273	92	3292	3543
JAN-JUL	3157	3158	93	3164	3397
OCT-SEP	4154	4158	104	4177	3998

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 2026


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Overlay

ESP10

HEFS

ESP0

Data Files

CSV (ESP10 / APR-JUL)

Forecast Ensemble

NF CLEARWATER - DWORSHAK DAM (DWR11)
Forecasts for Water Year 2027
Official Water Supply

ESP with 10 Days QPF Ensemble: 2026-07-06 Issued: 2026-07-06

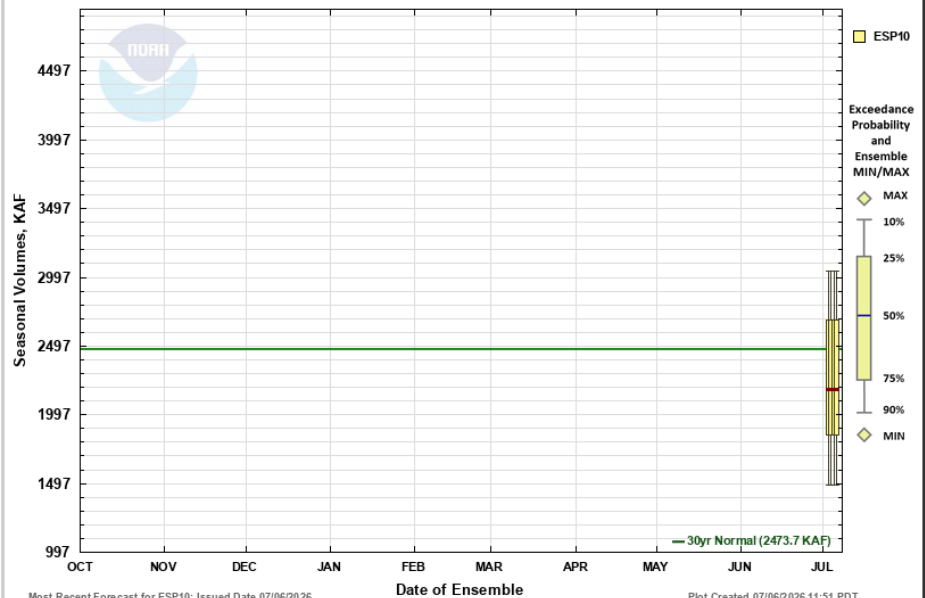
Forecast Period	Forecasts Are in KAF				30 Year Average (1991-2020)
	90 %	50 %	% Average	10 %	
APR-SEP	1594	2312	88	3229	2620
APR-JUL	1489	2181	88	3046	2474
JAN-SEP	2272	3364	95	4244	3543
JAN-JUL	2169	3230	95	4097	3397
OCT-SEP	2562	3673	92	4765	3998

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Water Supply Forecasts

NF CLEARWATER - DWORSHAK DAM

Period APR to JUL - Water Year 2027


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