

Summary of Columbia River Basin Flood Risk Management Requirements, 1-Jan

WY 2026

Issue Date: 09-Jan-2026

Project Limits

Project >>	MCDB	ARDB	DCDB	LIB	HGH	DWR	BRN	GCL
Maximum Elevation, ft	2475.0	1444.0	1892.0	2459.0	3560.0	1600.0	2077.0	1290.0
Minimum Elevation, ft	2320.0	1378.0	1794.2	2287.0	3336.0	1445.0	1976.0	1208.0
Usable Storage, kaf	12053.3	7100.0	1398.6	4979.5	2981.0	2015.7	975.3	5349.6

Dec. 31 Project Conditions

Project >>	MCDB	ARDB	DCDB	LIB	HGH	DWR	BRN	GCL
Elevation, ft (MSL)	2446.0	1403.4	1860.5	2416.6	3549.2	1557.4	2070.4	1285.6
Draft, kaf	2924.8	4740.4	532.6	1792.1	252.0	711.7	93.2	356.0
Usable Stor. less Draft, kaf	9128.5	2359.5	866.0	3187.4	2729.0	1304.0	882.1	4993.6

Draft Required to meet Jan. 31 Flood Risk Management

Project >>	MCDB (4)	ARDB (4)	DCDB (4)	LIB	HGH	DWR	BRN	GCL
Elevation Reduction, ft	-	-	-	42.2	6.0	2.5	-	-
Storage Reduction, kaf	-	-	-	1346.7	135.1	36.3	-	-

1-Jan Water Supply Forecast

Project >>	MCDB	ARDB	DCDB	LIB	HGH	DWR	BRN	GCL	TDA
Apr-Jul, kaf	-	-	-	-	-	1968	5230	-	-
Apr-Jul %-Normal (2)	-	-	-	-	-	80%	102%	-	-
Apr-Jul Change, kaf (1)	-	-	-	-	-	-	-	-	-
Apr-Aug, kaf	12580	24734	2353	7595	-	-	-	58972	88029
Apr-Aug %-Normal (2)	113%	112%	115%	125%	-	-	-	101%	99%
Apr-Aug Change, kaf (1)	-	-	-	-	-	-	-	-	-
May-Sep, kaf	-	-	-	-	1867	-	-	-	-
May-Sep %-Normal (2)	-	-	-	-	106%	-	-	-	-
May-Sep Change, kaf (1)	-	-	-	-	-	-	-	-	-

System Draft Requirements

Project >>	MCDB + ARDB (4)	ARDB (4)	DCDB (4)	LIB	HGH	DWR (3)	BRN	GCL
Jan. 31, kaf	1670	1670	-	3139	387	748	0	0
Feb. 28/29, kaf	2561	2561	-	3927	511	706	362	0
Mar. 31, kaf	3600	3600	-	4186	648	492	415	1535
Apr. 15, kaf	-	-	-	-	714	312	432	2523
Apr. 30, kaf	3600	3600	-	4186	780	464	442	3179

System Draft Requirements (continued) - Apr. 30 (kaf)

Project >>	WEL	RRH	WAN+PRD	JDA
FRM Space Requirement, kaf	-	-	-	-

System Elevation Requirements

Project >>	MCDB (4)	ARDB (4)	DCDB (4)	LIB	HGH	DWR (3)	BRN	GCL
Jan. 31, ft	-	1430.7	-	2374.4	3543.1	1554.9	2077.0	1290.0
Feb. 28/29, ft	-	1423.2	-	2342.8	3537.4	1557.9	2048.1	1290.0
Mar. 31, ft	-	1414.1	-	2331.0	3531.0	1571.8	2043.1	1270.2
Apr. 15, ft	-	-	-	-	3527.8	1582.7	2041.4	1256.3
Apr. 30, ft	-	1414.1	-	2331.0	3524.5	1573.6	2040.5	1246.6

Flood Risk Management Summary at The Dalles, Oregon

Parameter	kaf	kcfs
The Dalles Apr-Aug Forecast	88029	-
The Dalles May-Aug Forecast	73600	-
Initial Controlled Flow, ICF	-	343
Estimated Unregulated Peak Discharge	-	541

Notes:

- 1 Change in official forecast from the previous month.
- 2 All %-Normal values are based on 30-year (1991-2020) Runoff Volume averages as determined by the Northwest River Forecast Center.
- 3 Dworshak and Grand Coulee System numbers include shift if applicable, when shift is maximal the System values at Dworshak are the same as Local
- 4 MCDB and DCDB do not have system FRM requirements unless an Article IV(3) call is active.
- 5 If FRM space is required at John Day or the middle Columbia projects, the date for maximum drawdown will be coordinated with operators in real-time. It is anticipated that all requested space would be available by the start of system refill.

Questions? Contact Michelle Yuen 503 467-1970 or Haytham Oueidat 503-351-5362.

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Maximum Flood Risk Storage Shift from DWR and/or BRN to GCL																		
Date	GCL Non-Shifted FC Draft (kaf)	GCL Maximum Draft Limit (kaf)	GCL Maximum Shift Potential (kaf)	DWR FC Draft - System (kaf)	DWR FC Draft - Local (kaf)	DWR FC Shift - Granted (kaf)	DWR / GCL FC Shift - Allowable (kaf)	DWR Shifted FC Draft (kaf)	DWR Shifted FC Elevation (ft)	GCL Shifted FC Draft (w/DWR Shift) (kaf)	GCL Shifted FC Elevation (w/DWR Shift) (ft)	GCL Maximum Shift Potential remaining (kaf)	BRN FC Shift - Granted (kaf)	BRN / GCL FC Shift - Allowable (kaf)	BRN Shifted FC Draft (kaf)	BRN Shifted FC Elevation (ft)	GCL Shifted FC Draft (w/DWR+BRN Shift) (kaf)	GCL Shifted FC Elevation(w/DWR+BRN Shift) (ft)
Jan. 31	0	2798	2798	730	748	0	0	748	1554.9	0	1290.0	2798	0	0	0	2077.0	0	1290.0
Feb. 28/29	0	2798	2798	682	706	0	0	706	1557.9	0	1290.0	2798	0	362	362	2048.1	0	1290.0
Mar. 31	1512	3234	1722	515	492	23	23	492	1571.8	1535	1270.2	1699	0	415	415	2043.1	1535	1270.2
Apr. 15	2371	2994	623	464	312	152	152	312	1582.7	2523	1256.3	471	0	432	432	2041.4	2523	1256.3
Apr. 30 b	3179	3179	0	464	-	0	0	464	1573.6	3179	1246.6	0	0	0	442	2040.5	3179	1246.6
Column Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Notes	-	a	2-1	-	-	4-5	Min 3,6	4-7	-	1+7	-	2-10	-	Min 12,13	-	-	10+14	-

Notes:

Under certain conditions the required flood risk draft at DWR and BRN may be shifted to GCL prior to 30-April. The shifted rule curve shown above represents the maximum allowable flood risk storage shift(s) for the current water year based on the current month's flood risk management requirements for each project and evacuation limitations at GCL; however, the actual volume shifted to GCL on any date is ultimately determined by the Bureau of Reclamation. The shift of volume for DWR to GCL has priority over the shift of volume from BRN to GCL in cases when GCL cannot accept the total combined volume.

b No shift is allowed, all projects to be back to their non-shifted flood risk draft requirement by 30-April.

Questions? Contact Michelle Yuen 503 467-1970 or Haytham Oueidat 503-808-3740.

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