

# Summary of Columbia River Basin Flood Risk Management Requirements, WY 2026

Issue Date: 07 May-2026

## Project Limits

Project	MCDB	ARDB	DCDB	LIB	HGH	DWR	BRN	GCL	
Max elevation, ft	2475	1444	1892	2459	3560	1600	2077	1290	
Min elevation, ft	2320	1378	1794.2	2287	3336	1445	1976	1208	
Usable Storage, kaf	12053.3	7100	1398.6	4979.5	2981	2015.7	975.3	5349.6	

## Apr 30 Project Conditions

Project	MCDB	ARDB	DCDB	LIB	HGH	DWR	BRN	GCL	
Elevation, ft (MSL)	2390.2	1410.9	1798.1	2369.7	3544.7	1571.0	2067.6	1253.4	
Draft, kaf	7787.3	3954.9	1367.3	3265.4	352.7	505.0	130.6	2727.3	
Usable Stor. Less Draft, kaf	4266.0	3145	31.3	1714.1	2628.3	1510.7	844.7	2622.3	

## Apr 30 Flood Risk Management

Project	MCDB	ARDB	DCDB	LIB	HGH	DWR	BRN	GCL	
Elevation Reduction, ft	-	-	-	-	-	-	-	-	
Storage Reduction, kaf	-	-	-	-	-	-	-	-	

## 1-MayWater Supply Forecast

Project	MCDB	ARDB	DCDB	LIB	HGH	DWR	BRN	GCL	TDA
Apr-Jul, kaf						1912	3410		
Apr-Jul %normal (2)						77%	67%		
Apr-Jul change, kaf (1)						-97	-2		
Apr-Aug, kaf	13804	26459	2445	7053				57019	78761
Apr-Aug %normal (2)	124%	120%	120%	116%				98%	88%
Apr-Aug change, kaf (1)	610	1485	29	-64				-3843	-5143
May-Sep, kaf					1480				
May-Sep %normal (2)					84%				
May-Sep change, kaf (1)					-59				

## System Draft Requirements

Project	MCDB+ARDB(4)	ARDB(4)	DCDB(4)	LIB	HGH	DWR	BRN	GCL	
Jan 31, kaf	1670	1670	-	3139	387	748	0	0	
Feb 28/29, kaf	2346	2346	-	2871	301	565	294	0	
Mar 31 kaf	3600	3600	-	2979	274	519	294	851	
Apr 15 kaf	-	-	-	-	315	433	120	1826	
Apr 30, kaf	3600	3600	-	3426	324	511	92	2594	

## System Draft Requirements (cont.) – Apr 30 (kaf)

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

## System Elevation Requirements

Project	MCDB	ARDB	DCDB	LIB	HGH	DWR	BRN	GCL	
Jan 31, ft	-	1430.7	-	2374.4	3543.1	1554.9	2077	1290	
Feb 28/29, ft	-	1425.1	-	2383.9	3547.0	1567.2	2054.2	1290.0	
Mar 31, ft	-	1414.1	-	2380.2	3548.2	1570.1	2054.2	1279.3	
Apr 15, ft	-	-	-	-	3546.4	1575.5	2068.4	1266.2	
Apr 30, ft	-	1414.1	-	2363.6	3546.0	1570.6	2070.5	1255.3	

## Flood Risk Management Summary at The Dalles, Oregon

Parameter	kaf	kcfs							
The Dalles Apr-Aug forecast	78761	-							
The Dalles May-Aug forecast	64129	-							
Initial Controlled Flow, ICF	-	321							
Estimated Unregulated Peak Discharge	-	475							

1. Change in official forecast from previous month.

2. All % Normal values are based on the 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.

5/7/2026

**X** William D Proctor

Signed by: USA

William D. Proctor, P.E.

Ch., Hydrologic Engineering and Power Branch

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