

Project >>	MCDB	ARDB	LIB	DCDB	HGH	GCL	BRN	DWR
Project Limits								
Maximum Elevation, ft	2475.0	1444.0	2459.0	1892.0	3560.0	1290.0	2077.0	1600.0
Minimum Elevation, ft	2320.0	1378.0	2287.0	1794.2	3336.0	1208.0	1976.0	1445.0
Usable Storage, kaf	12053.3	7100.0	4979.5	1398.6	2981.0	5185.3	975.3	2015.7
Usable Storage, ksfd	6076.9	3579.6	2510.5	705.1	1502.9	2614.3	491.7	1016.3

Dec. 31 Project Conditions								
Elevation, ft (MSL)	2460.3	1408.4	2410.6	1866.8	3548.1	1287.7	2072.9	1534.4
Draft, kaf	1480.5	4221.7	2015.7	430.4	275.1	187.5	58.0	1037.5
Usable Stor. less Draft, kaf	10572.9	2878.2	2963.8	968.2	2705.9	4997.8	917.3	978.2

Draft Required to meet Jan. 31 Flood Risk Management								
Elevation Reduction, ft	-	-	0.6	27.4	6.9	-	-	-
Storage Reduction, kaf	181.5	-	21.7	426.6	152.4	-	-	-

1-Jan Water Supply Forecast									
Project >>	MCDB	ARDB	LIB	DCDB	HGH	GCL	BRN	DWR	TDA
Apr-Jul, kaf	-	-	-	-	-	-	4831	2136	-
Apr-Jul %-Normal 2	-	-	-	-	-	-	88%	88%	-
Apr-Jul Change , kaf 1	-	-	-	-	-	-	-	-	-
Apr-Aug, kaf	11758	23695	6297	2148	-	56539	-	-	87324
Apr-Aug %-Normal 2	107%	108%	107%	107%	-	100%	-	-	100%
Apr-Aug Change , kaf 1	-	-	-	-	-	-	-	-	-
May-Sep, kaf	-	-	-	-	1977	-	-	-	-
May-Sep %-Normal 2	-	-	-	-	117%	-	-	-	-
May-Sep Change , kaf 1	-	-	-	-	-	-	-	-	-

System Draft Requirements										
Project >>	MCDB	ARDB	LIB VarQ	DCDB	HGH VarQ	GCL	BRN	DWR Sys	DWR Loc	
Jan. 31, kaf	1662	1703	2037	857	428	0	0	801	811	
Feb. 28/29, kaf	2810	2603	2115	1215	588	0	342	809	821	
Mar. 15, kaf	-	-	-	1270	-	-	-	-	-	
Mar. 31, kaf	4080	3600	2155	1270	765	1042	383	683	625	
Apr. 15, kaf	-	-	-	-	851	2242	381	670	450	
Apr. 30, kaf	4080	3600	2155	1270	937	3325	386	670	-	

System Elevation Requirements										
Jan. 31, ft	-	1430.5	2410.0	1839.3	3541.3	1290.0	2077.0	1551.3	1550.6	
Feb. 28/29, ft	-	1422.9	2407.8	1812.5	3533.8	1290.0	2049.9	1550.7	1549.9	
Mar. 15, ft	-	-	-	1807.7	-	-	-	-	-	
Mar. 31, ft	-	1414.1	2406.7	1807.7	3525.2	1276.7	2046.1	1559.4	1563.3	
Apr. 15, ft	-	-	-	-	3521.0	1259.8	2046.2	1560.3	1574.5	
Apr. 30, ft	-	1414.1	2406.7	1807.7	3516.6	1243.1	2045.8	1560.3	-	

Flood Risk Management Summary at The Dalles, Oregon			
Apr-Aug, kaf	87324		
Apr-Aug %-Normal	99.8%		Upstream Storage Adjustment, kaf, Chart #2 (3) = 22627
Apr-Aug Change , kaf (1)	-		Initial Controlled Flow, ICF, kcfs, Chart #1 (3) = 319
May-Aug, kaf	73549		Estimated Unregulated Peak Discharge, kcfs, Chart #1-A (3) = 536

- Notes:**
- 1 Change in official forecast from the previous month.
 - 2 All %-Normal values are based on 30-year (1981-2010) Runoff Volume averages as determined by the Northwest River Forecast Center.
 - 3 See Charts 1 and 2 of Columbia River Treaty Flood Control Operating Plan, Corps of Engineers, Northwestern Division, Corps of Engineers.

Questions? Contact Kasi Rodgers, 503-808-3950, or Jason Ward, 503-808-3952.

Jason M. Ward, P. H.
Acting Ch., Hydrologic Engineering and Power Branch