

SUMMARY OF COLUMBIA RIVER FLOOD CONTROL DATA

1 APR 2001

	MCDB	ARDB	LIB	DCDB	HGH	GCL	BRN	DWR	DWR
PROJECT LIMITS									
Maximum El. MSL	2475.0	1444.0	2459.0	1892.0	3560.0	1290.0	2077.0	1600.0	
Minimum El. MSL	2320.0	1378.0	2287.0	1794.2	3336.0	1208.0	1976.0	1445.0	
Usable stor.KAF	12053.3	7100.0	4979.5	1398.6	2982.0	5185.5	975.4	2015.8	
Usable stor.KSFD	6076.9	3579.6	2510.5	705.0	1503.4	2614.4	491.7	1016.4	
CURRENT, 31 MAR.									
Elevation MSL	2357.6	1390.2	2387.5	1795.0	3491.1	1222.7	2073.8	1512.3	
Draft KAF	9969.3	6040.9	2767.7	1392.6	1396.1	4474.5	46.0	1328.0	
TO MEET 15 APR F.C.									
Feet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Ksfd	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Cfs over inflow	0	0	0	0	0	0	0	0	
FROM 15 APR									
TO MEET 30 APR F.C.									
Feet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Ksfd	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Cfs over inflow	0	0	0	0	0	0	0	0	
FORECASTS, KAF									
Apr-Jul mp	na	na	na	na	na	na	1890	1473	
Apr-Jul %	na	na	na	na	na	na	32.6%	54.5%	
Apr-Jul change	na	na	na	na	na	na	-500	-255	
Apr-Aug mp	8787	16990	3322	1607	na	37000	na	na	
Apr-Aug %	76.4%	73.0%	52.1%	78.2%	na	60.7%	na	na	
Apr-Aug change	97	349	-44	-12	na	400	na	na	
May-Sep mp	na	na	na	na	1116	na	na	na	
May-Sep %	na	na	na	na	58.4%	na	na	na	
May-Sep change	na	na	na	na	-58	na	na	na	
FLOOD CONTROL									
LRC, /a.									
Drafts, KAF									
Apr 15	200	1000	500	877	60	537	0	50	32
Apr 30	200	1000	500	877	44	537	0	50	na
Elevations MSL									
Apr 15	na	1436.2	2448.0	1838.0	3557.5	1283.3	2077.0	1597.4	1598.3
Apr 30	na	1436.2	2448.0	1838.0	3558.2	1283.3	2077.0	1597.4	na
FLOOD CONTROL, shifts									
Drafts, KAF									
Apr 15	na	na	na	na	na	555	0	32	
Elevations MSL									
Apr 15	na	na	na	na	na	1283.1	2077.0	1598.3	
SHIFT POTENTIAL, KAF									
Apr 15	1/	2/	3/	4/	1/	DWR SYS F.C. MINUS LOC F.C. ie POTENTIAL STORAGE SHIFT TO GCL.			
Apr 30	18	555	555	4602	2/	GCL F.C. PLUS 1/.			
					3/	BRN F.C. PLUS 2/.			
					4/	MAXIMUM TOTAL THAT 2/ or 3/ CAN ADD UP TO.			

AT THE DALLES									
Apr-Aug mp	49600	53.2%	storage		Peak to volume unreg,				248 KCFS
Apr-Aug change	-2600		correction		Initial controlled flow-				
May-Aug mp	42501		21268 KAF		(ICF)				200 KCFS

- /a. LRC is DWORSHAK LOCAL RULE CURVE.
- /b. Under certain conditions, the GCL, BRN and DWR rule curves may be "shifted".
The rule curves shown are the "maximun" allowable. All or part of the "max" volume may be "shifted". DWR has priority over BRN if all volume can't be shifted. "shifts" will be determined on a case by case basis, from year to year, and month to month.
- /c. Flood control elevations for HUNGRY HORSE are based on VARQ flood control procedures. Reference letter dated 9 January, 2001 from The Bureau of Reclamation to the Corps of Engineers requesting implementation of VARQ flood control procedure beginning January 2001.

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