

SUMMARY OF COLUMBIA RIVER FLOOD CONTROL DATA

1 APR 2002

	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	2345.0	1394.9	2370.7	1794.4	3509.5	1262.1	2039.0	1515.2	
Draft KAF	10711.0	5593.6	3240.0	1397.2	1072.7	2087.7	456.5	1292.1	
TO MEET 15 APR F.C.									
Feet	0.0	0.0	15.7	0.0	0.0	0.3	0.0	67.6	
Kaf	0.0	0.0	401.1	0.0	0.0	22.8	0.0	700.3	
Ksfd	0.0	0.0	202.2	0.0	0.0	11.5	0.0	353.1	
Cfs over inflow	0	0	13480	0	0	767	0	23538	
FROM 15 APR									
TO MEET 30 APR F.C.									
Feet	0.0	0.0	0.0	0.0	0.0	16.9	0.0	0.0	
Kaf	0.0	0.0	0.0	0.0	0.0	1105.9	0.0	0.0	
Ksfd	0.0	0.0	0.0	0.0	0.0	557.6	0.0	0.0	
Cfs over inflow	0	0	0	0	0	37171	0	0	
FORECASTS, KAF									
Apr-Jul mp	na	na	na	na	na	na	3630	3154	
Apr-Jul %	na	na	na	na	na	na	62.6%	116.8%	
Apr-Jul change	na	na	na	na	na	na	-460	396	
Apr-Aug mp	10544	21568	6300	1989	na	60000	na	na	
Apr-Aug %	91.7%	92.7%	98.8%	96.9%	na	98.4%	na	na	
Apr-Aug change	272	97	384	-12	na	-290	na	na	
May-Sep mp	na	na	na	na	1982	na	na	na	
May-Sep %	na	na	na	na	108.0%	na	na	na	
May-Sep change	na	na	na	na	162	na	na	na	
FLOOD CONTROL									
									LRC, /a.
Drafts, KAF									
Apr 15	4080	3600	3641	1259	857	2110	190	1992	1465
Apr 30	4080	3600	3449	1259	944	3216	172	1620	na
Elevations MSL									
Apr 15	na	1414.1	2354.9	1808.7	d/ 3520.7	1261.8	2062.9	1447.6	1500.8
Apr 30	na	1414.1	2362.6	1808.7	3516.2	1244.9	2064.4	1486.5	na
FLOOD CONTROL, shifts									
Drafts, KAF									
Apr 15	na	na	na	na	na	shifted 2638	0	1465	
Elevations MSL									
Apr 15	na	na	na	na	na	c/ 1253.9	2077.0	1500.8	
SHIFT POTENTIAL, KAF									
Apr 15	1/ 528	2/ 2638	3/ 2828	4/ 4602	1/ DWR SYS F.C. MINUS LOC F.C. ie POTENTIAL STORAGE SHIFT TO GCL.				
Apr 30	NO SHIFT ALLOWED BY 30 APRIL.				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	87800	94.2%	storage	Peak to volume unreg,	532	KCFS
Apr-Aug change	1600		correction	Initial controlled flow-		
May-Aug mp	75233		23378 KAF	(ICF)	326	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 "maximum" 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 elevation at GCL represents shift from DWR

/d. 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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