

SUMMARY OF COLUMBIA RIVER FLOOD CONTROL DATA

1 MAR 2003

	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, 28-9 FEB.									
Elevation MSL	2361.0	1402.1	2405.7	1794.3	3509.8	1286.7	2067.7	1552.2	
Draft KAF	9759.6	4876.4	2189.0	1397.9	1066.5	268.0	129.0	787.7	
TO MEET 31 MAR F.C.									
15 MAR									
Feet	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	
Kaf	0.0	0.0	0.0	0.0	0.0	269.0	0.0	0.0	
Ksfd	0.0	0.0	0.0	0.0	0.0	135.6	0.0	0.0	
Cfs over inflow	0	0	0	0	0	4375	0	0	
FORECASTS, KAF									
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Apr-Jul mp	na	na	na	na	na	na	3100	1790	
Apr-Jul %	na	na	na	na	na	na	49.1%	67.7%	
Apr-Jul change	na	na	na	na	na	na	-390	-27	
Apr-Aug mp	8844	17566	4181	1708	na	44011	na	na	
Apr-Aug %	78.3%	76.7%	66.9%	83.6%	na	73.0%	na	na	
Apr-Aug change	-419	-1125	-564	-32	na	-1809	na	na	
May-Sep mp	na	na	na	na	1359	na	na	na	
May-Sep %	na	na	na	na	74.1%	na	na	na	
May-Sep change	na	na	na	na	3	na	na	na	
FLOOD CONTROL									
IRCA, /a.									
Drafts, KAF									
Mar 15	na	na	800	na	na	na	na	na	na
Mar 31	392	706	500	978	163	537	10	377	354
Apr 15	392	706	300	978	149	537	5	264	169
Apr 30	392	706	100	978	134	537	0	264	na
Elevations MSL									
Mar 15	na	na	2441.1	na	na	na	na	na	na
Mar 31	na	1438.5	2448.0	1830.9	3553.0	1283.3	2076.3	1578.9	1580.3
Apr 15	na	1438.5	2452.5	1830.9	3553.6	1283.3	2076.7	1585.5	1590.9
Apr 30	na	1438.5	2456.8	1830.9	3554.3	1283.3	2077.0	1585.5	na
FLOOD CONTROL, shifts									
Drafts, KAF									
shifted urc's									
Mar 31	na	na	na	na	na	560	0	354	
Apr 15	na	na	na	na	na	631	0	169	
Elevations MSL									
c/									
Mar 31	na	na	na	na	na	1283.0	2077.0	1580.3	
Apr 15	na	na	na	na	na	1282.1	2077.0	1590.9	
SHIFT POTENTIAL, KAF									
Mar 31	1/	2/	3/	4/	1/ DWR SYS F.C. MINUS LOC F.C. ie POTENTIAL STORAGE SHIFT TO GCL.				
Mar 31	23	560	570	4602	2/ GCL F.C. PLUS 1/.				
Apr 15	94	631	636	4602	3/ BRN F.C. PLUS 2/.				
Apr 30	NO SHIFT ALLOWED BY 30 APRIL.				4/ MAXIMUM TOTAL THAT 2/ or 3/ CAN ADD UP TO.				

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AT THE DALLES									
Apr-Aug mp	63700	68.4%	storage	Peak to volume unreg,				353 KCFS	
Apr-Aug change	-1600		correction	Initial controlled flow-					
May-Aug mp	54000		15946 KAF	(ICF)				223 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

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