

SUMMARY OF COLUMBIA RIVER FLOOD CONTROL DATA

1 MAR 1999

	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	2398.2	1389.9	2334.8	1794.8	3505.5	1264.0	2042.3	1489.2	
Draft KAF	7195.2	6069.9	4103.5	1394.2	1145.3	1957.9	422.8	1592.8	
TO MEET 31 MAR F.C.									
	15 MAR								
Feet	0.0	0.0	23.9	0.0	0.0	16.3	35.5	44.2	
Kaf	0.0	0.0	477.7	0.0	0.0	1081.1	327.2	423.2	
Ksfd	0.0	0.0	240.8	0.0	0.0	545.1	165.0	213.3	
Cfs over inflow	0	0	16055	0	0	17583	5322	6882	
FORECASTS, KAF									

Apr-Jul mp	na	na	na	na	na	na	8380	3641	
Apr-Jul %	na	na	na	na	na	na	144.6%	134.9%	
Apr-Jul change	na	na	na	na	na	na	2460	421	
Apr-Aug mp	12244	26154	7093	2249	na	71900	na	na	
Apr-Aug %	106.5%	112.4%	111.2%	109.5%	na	117.9%	na	na	
Apr-Aug change	317	960	169	97	na	3100	na	na	
May-Sep mp	na	na	na	na	2170	na	na	na	
May-Sep %	na	na	na	na	113.6%	na	na	na	
May-Sep change	na	na	na	na	52	na	na	na	
FLOOD CONTROL									
	LRC, /a.								
Drafts, KAF									
Mar 15	na	na	4581	na	na	na	na	na	na
Mar 31	2080	5100	4581	1270	1116.6	3039	750	2016	1940
Apr 15	2080	5100	na	1270	1302	3964	850	2016	1900
Apr 30	2080	5100	na	1270	1488.1	4602	975	1988	na
Elevations MSL									
Mar 15	na	na	2310.9	na	na	na	na	na	na
Mar 31	na	1399.9	2310.9	1807.7	3507.1	1247.7	2006.8	1445.0	1453.3
Apr 15	na	1399.9	na	1807.7	3496.7	1232.2	1994.0	1445.0	1457.7
Apr 30	na	1399.9	na	1807.7	3485.4	1220.2	1976.0	1448.1	na
FLOOD CONTROL, shifts									
Drafts, KAF									
	shifted urc's								
Mar 31	na	na	na	na	na	3865	0	1940	
Apr 15	na	na	na	na	na	4602	328	1900	
Elevations MSL									
Mar 31	na	na	na	na	na	1233.9	2077.0	1453.3	
Apr 15	na	na	na	na	na	1220.2	2051.1	1457.7	
SHIFT POTENTIAL, KAF									
	1/	2/	3/	4/	1/ DWR SYS F.C. MINUS LOC F.C. ie POTENTIAL STORAGE SHIFT TO GCL.				
Mar 31	76	3115	3865	4602	2/ GCL F.C. PLUS 1/.				
Apr 15	116	4080	4930	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.				

AT THE DALLES

Apr-Aug mp	115000	123.3%	storage	Peak to volume unreg	735 KCFS
Apr-Aug change	10000		correction	Initial controlled flow-	
May-Aug mp	98540		29412 KAF	(ICF)	451 KCFS

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/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.

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