

SUMMARY OF COLUMBIA RIVER FLOOD CONTROL DATA

1 MAR 2006

	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	2400.6	1400.5	2411.1	1812.4	3529.4	1255.8	2030.2	1524.9	
Draft KAF	7007.7	5040.2	1996.8	1216.2	680.4	2514.9	542.6	1165.4	
TO MEET 31 MAR F.C.									
	15 MAR								
Feet	0.0	0.0	7.0	0.0	3.2	0.0	0.0	4.5	
Kaf	0.0	0.0	248.2	0.0	65.0	0.0	0.0	59.3	
Ksfd	0.0	0.0	125.1	0.0	32.8	0.0	0.0	29.9	
Cfs over inflow	0	0	8341	0	1057	0	0	964	
FORECASTS, KAF									
Apr-Jul mp	na	na	na	na	na	na	6940	2612	
Apr-Jul %	na	na	na	na	na	na	109.9%	99.4%	
Apr-Jul change	na	na	na	na	na	na	-1076	-95	
Apr-Aug mp	10015	21299	6350	1946	na	57877	na	na	
Apr-Aug %	88.7%	94.7%	101.6%	94.9%	na	96.0%	na	na	
Apr-Aug change	377	781	164	40	na	-603	na	na	
May-Sep mp	na	na	na	na	1958	na	na	na	
May-Sep %	na	na	na	na	106.7%	na	na	na	
May-Sep change	na	na	na	na	-65	na	na	na	
FLOOD CONTROL									
									LRC,/a.
Drafts, KAF									
Mar 15	na	na	2245	na	na	na	na	na	na
Mar 31	4080	3600	2245	1216	745	1824	481	1225	1065
Apr 15	4080	3600	2245	1216	828	3038	531	1368	942
Apr 30	4080	3600	2245	1216	910	3893	562	1147	na
Elevations MSL									
			d/		e/				
Mar 15	na	na	2404.1	na	na	na	na	na	na
Mar 31	na	1414.1	2404.1	1812.4	3526.2	1265.9	2036.5	1520.4	1532.4
Apr 15	na	1414.1	2404.1	1812.4	3522.1	1247.7	2031.4	1509.1	1541.3
Apr 30	na	1414.1	2404.1	1812.4	3518.0	1233.4	2028.2	1526.3	na
FLOOD CONTROL, shifts									
					shifted urc's, /b.				
Drafts, KAF									
Mar 31	na	na	na	na	na	2464	0	1065	
Apr 15	na	na	na	na	na	3995	0	942	
Elevations MSL									
Mar 31	na	na	na	na	na	1256.6	2077.0	1532.4	
Apr 15	na	na	na	na	na	1231.6	2077.0	1541.3	
SHIFT POTENTIAL, KAF									
	1/	2/	3/	4/	1/ DWR SYS F.C. MINUS LOC F.C. ie POTENTIAL STORAGE SHIFT TO GCL.				
Mar 31	159	1983	2464	4355	2/ GCL F.C. PLUS 1/.				
Apr 15	426	3464	3995	4355	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.					

DWORSHAK SHIFT ONLY TO GCL		
shifted urc's, /c.		
GCL		
Mar 31	1983	KAF
Apr 15	3464	KAF
Mar 31	1263.6	ft
Apr 15	1240.8	ft
DWR		
Mar 31	1065	KAF
Apr 15	942	KAF
Mar 31	1532.4	ft
Apr 15	1541.3	ft

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 AT THE DALLES
 Apr-Aug mp 91200 98.0% storage Peak to volume unreg, 558 KCFS
 Apr-Aug change -3100 correction Initial controlled flow-
 May-Aug mp 77312 23097 KAF (ICF) 344 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 "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. Shift operation based on Dworshak shift only to Grand Coulee.
 /d. Flood control elevations for LIBBY are based on VARQ flood control procedures.
 /e. Flood control elevations for HUNGRY HORSE are based on VARQ flood control procedures.
 Questions? Contact Ken Soderlind, 503-808-3950, John McCoskery, 503-808-3951, or Patti Etzel, 503-808-3958