

SUMMARY OF COLUMBIA RIVER FLOOD CONTROL DATA

1 FEB 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, 31 JAN.									
Elevation MSL	2385.2	1393.6	2408.4	1794.2	3513.2	1287.8	2075.3	1529.7	
Draft KAF	8145.3	5718.9	2093.5	1398.6	1002.4	179.5	24.9	1101.8	
TO MEET 28-9 FEB F.C.									
Feet	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	
Kaf	0.0	0.0	0.0	0.0	0.0	0.0	73.1	0.0	
Ksfd	0.0	0.0	0.0	0.0	0.0	0.0	36.9	0.0	
Cfs over inflow	0	0	0	0	0	0	1316	0	
FORECASTS, KAF									
Apr-Jul mp	na	na	na	na	na	na	3490	1817	
Apr-Jul %	na	na	na	na	na	na	55.3%	68.7%	
Apr-Jul change	na	na	na	na	na	na	-430	32	
Apr-Aug mp	9263	18690	4659	1740	na	45820	na	na	
Apr-Aug %	82.0%	81.6%	74.6%	85.1%	na	76.0%	na	na	
Apr-Aug change	-456	-1587	-223	36	na	-2410	na	na	
May-Sep mp	na	na	na	na	1356	na	na	na	
May-Sep %	na	na	na	na	73.9%	na	na	na	
May-Sep change	na	na	na	na	-201	na	na	na	
FLOOD CONTROL									
LRC, /a.									
Drafts, KAF									
Feb 28-9	890	881	1000	1010	193	0	98	599	601
Mar 15	na	na	800	na	na	na	na	na	na
Mar 31	1151	973	548	1010	163	537	49	398	373
Apr 15	1151	973	na	1010	149	537	25	294	187
Apr 30	1151	973	212	1010	134	537	0	294	0
Elevations MSL									
Feb 28-9	na	1437.1	2436.4	1828.6	3551.7	1290.0	2070.0	1565.0	1564.8
Mar 15	na	na	2441.1	na	na	na	na	na	na
Mar 31	na	1436.4	2446.9	1828.6	3553.1	1283.3	2073.6	1577.6	1579.1
Apr 15	na	1436.4	na	1828.6	3553.7	1283.3	2075.3	1583.8	1589.9
Apr 30	na	1436.4	2454.4	1828.6	3554.3	1283.3	2077.0	1583.8	na
FLOOD CONTROL, shifts									
Drafts, KAF									
shifted urc's									
Feb 28-9	na	na	na	na	na	98	0	599	
Mar 31	na	na	na	na	na	611	0	373	
Apr 15	na	na	na	na	na	668	0	187	
Elevations MSL									
Feb 28-9	na	na	na	na	na	1288.8	2077.0	1565.0	
Mar 31	na	na	na	na	na	1282.3	2077.0	1579.1	
Apr 15	na	na	na	na	na	1281.6	2077.0	1589.9	
SHIFT POTENTIAL, KAF									
Feb 28-9	0	0	98	2744	2/	DWR SYS F.C. MINUS LOC F.C. ie POTENTIAL STORAGE SHIFT TO GCL.			
Mar 31	25	562	611	4602	3/	GCL F.C. PLUS 1/.			
Apr 15	106	643	668	4602	4/	BRN F.C. PLUS 2/.			
Apr 30	NO SHIFT ALLOWED BY 30 APRIL.				4/	MAXIMUM TOTAL THAT CAN ADD UP TO.			

AT THE DALLES

Apr-Aug mp	65300	70.2%	storage	Peak to volume unreg,	365	KCFS
Apr-Aug change	-4500		correction	Initial controlled flow-		
May-Aug mp	55356		17420 KAF	(ICF)	222	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.