

SUMMARY OF COLUMBIA RIVER FLOOD CONTROL DATA

1 JAN 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 DEC.									
Elevation MSL	2396.7	1389.3	2410.7	1807.5	3520.0	1284.2	2070.2	1523.6	
Draft KAF	7306.5	6128.1	2012.8	1272.8	869.7	466.4	95.4	1182.1	
TO MEET 31 JAN F.C.									
Feet	0.0	0.0	20.8	0.0	0.0	0.0	0.0	0.0	
Kaf	0.0	0.0	686.1	0.0	0.0	0.0	0.0	0.0	
Ksfd	0.0	0.0	345.9	0.0	0.0	0.0	0.0	0.0	
Cfs over inflow	0	0	11159	0	0	0	0	0	
FORECASTS, KAF									
Apr-Jul mp	na	na	na	na	na	na	4530	2766	
Apr-Jul %	na	na	na	na	na	na	78.2%	102.5%	
Apr-Aug mp	10639	22145	6063	1938	na	57100	na	na	
Apr-Aug %	92.6%	95.2%	95.1%	94.4%	na	93.6%	na	na	
May-Sep mp	na	na	na	na	1566	na	na	na	
May-Sep %	na	na	na	na	82.0%	na	na	na	
FLOOD CONTROL LRC, /a.									
Drafts, KAF									
Jan 31	1662	1703	2699	819	278	0	0	1016	1031
Feb 28-9	2810	2603	3183	1208	303	0	327	1216	1224
Mar 15	na	na	3344	na	na	na	na	na	na
Mar 31	4080	3600	3344	1208	331	932	353	1417	1202
Apr 15	4080	3600	na	1208	344	2127	336	1599	1095
Apr 30	4080	3600	na	1208	358	3230	339	na	na
Elevations MSL									
Jan 31	na	1430.5	2389.8	1841.9	3548.0	1290.0	2077.0	1536.0	1534.9
Feb 28-9	na	1422.9	2372.8	1813.1	3546.9	1290.0	2051.3	1521.1	1520.5
Mar 15	na	na	2366.7	na	na	na	na	na	na
Mar 31	na	1414.1	2366.7	1813.1	3545.6	1278.1	2048.9	1504.9	1522.1
Apr 15	na	1414.1	na	1813.1	3545.1	1261.5	2050.4	1488.6	1530.2
Apr 30	na	1414.1	na	1813.1	3544.4	1244.6	2050.1	na	na
FLOOD CONTROL, shifts									
Drafts, KAF shifted urc's									
Jan 31	na	na	na	na	na	0	0	1016	
Feb 28-9	na	na	na	na	na	327	0	1216	
Mar 31	na	na	na	na	na	1500	0	1202	
Apr 15	na	na	na	na	na	2967	0	1095	
Elevations MSL									
Jan 31	na	na	na	na	na	1290.0	2077.0	1536.0	
Feb 28-9	na	na	na	na	na	1286.0	2077.0	1521.1	
Mar 31	na	na	na	na	na	1270.4	2077.0	1522.1	
Apr 15	na	na	na	na	na	1248.8	2077.0	1530.2	
SHIFT POTENTIAL, KAF									
Jan 31	1/ 0	2/ 0	3/ 0	4/ 537	1/ DWR SYS F.C. MINUS LOC F.C. ie POTENTIAL STORAGE SHIFT TO GCL.				
Feb 28-9	0	0	327	2744	2/ GCL F.C. PLUS 1/.				
Mar 31	215	1147	1500	4602	3/ BRN F.C. PLUS 2/.				
Apr 15	504	2630	2967	4602	4/ MAXIMUM TOTAL THAT 2/ or 3/ CAN ADD UP TO.				
Apr 30	NO SHIFT ALLOWED BY 30 APRIL.								

AT THE DALLES

Apr-Aug mp	86900	93.2%	storage	Peak to volume unreg,	526	KCFS
May-Aug mp	74462		correction	Initial controlled flow-		
			22101 KAF	(ICF)	330	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.

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