

SUMMARY OF COLUMBIA RIVER FLOOD CONTROL DATA

1 JAN 2004

	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	2409.9	1401.1	2410.9	1848.1	3525.4	1284.9	2065.9	1517.8	
Draft KAF	6266.9	4978.9	2004.1	726.1	762.2	411.3	152.4	1259.0	
TO MEET 31 JAN F.C.									
Feet	0.0	0.0	0.0	8.3	0.0	0.0	0.0	0.0	
Kaf	0.0	0.0	0.0	123.9	0.0	0.0	0.0	0.0	
Ksfd	0.0	0.0	0.0	62.4	0.0	0.0	0.0	0.0	
Cfs over inflow	0	0	0	2014	0	0	0	0	
FORECASTS, KAF									
Apr-Jul mp	na	na	na	na	na	na	4280	2644	
Apr-Jul %	na	na	na	na	na	na	67.8%	100.0%	
Apr-Aug mp	11728	22967	5708	2190	na	59083	na	na	
Apr-Aug %	103.8%	100.3%	91.4%	106.8%	na	98.0%	na	na	
May-Sep mp	na	na	na	na	1828	na	na	na	
May-Sep %	na	na	na	na	99.6%	na	na	na	
FLOOD CONTROL									
									LRC, /a.
Drafts, KAF									
Jan 31	1662	1703	1566	850	373	0	0	968	990
Feb 28-9	2810	2603	1291	1270	484	0	314	1131	1148
Mar 15	na	na	1153	na	na	na	na	na	na
Mar 31	4080	3600	1153	1270	606	1502	328	1265	1094
Apr 15	4080	3600	na	1270	665	2715	309	1417	974
Apr 30	4080	3600	na	1270	725	3675	312	na	na
Elevations MSL									
Jan 31	na	1430.5	2422.5	1839.8	3543.8	1290.0	2077.0	1539.5	1537.9
Feb 28-9	na	1422.9	2429.4	1807.7	3538.7	1290.0	2052.4	1527.5	1526.2
Mar 15	na	na	2432.8	na	na	na	na	na	na
Mar 31	na	1414.1	2432.8	1807.7	3533.0	1270.4	2051.1	1517.3	1530.2
Apr 15	na	1414.1	na	1807.7	3530.1	1252.8	2052.8	1505.0	1539.0
Apr 30	na	1414.1	na	1807.7	3527.2	1237.2	2052.6	na	na
FLOOD CONTROL, shifts									
Drafts, KAF									
						shifted urc's			
Jan 31	na	na	na	na	na	0	0	968	
Feb 28-9	na	na	na	na	na	314	0	1131	
Mar 31	na	na	na	na	na	2001	0	1094	
Apr 15	na	na	na	na	na	3467	0	974	
Elevations MSL									
Jan 31	na	na	na	na	na	1290.0	2077.0	1539.5	
Feb 28-9	na	na	na	na	na	1286.1	2077.0	1527.5	
Mar 31	na	na	na	na	na	1263.3	2077.0	1530.2	
Apr 15	na	na	na	na	na	1240.8	2077.0	1539.0	
SHIFT POTENTIAL, KAF									
Jan 31	0	0	0	537	1/ DWR SYS F.C. MINUS LOC F.C. ie POTENTIAL STORAGE SHIFT TO GCL.				
Feb 28-9	0	0	314	2744	2/ GCL F.C. PLUS 1/.				
Mar 31	171	1673	2001	4602	3/ BRN F.C. PLUS 2/.				
Apr 15	442	3157	3467	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	89000	95.6%	storage		Peak to volume unreg,				541 KCFS
May-Aug mp	75447		correction		Initial controlled flow-				
			21780 KAF		(ICF)	340 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.

Questions? Contact Ken Soderlind, 503-808-3950, or Chan Modini, 503-808-3958