

SUMMARY OF COLUMBIA RIVER FLOOD CONTROL DATA

1 JAN 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, 31 DEC.									
Elevation MSL	2412.4	1403.8	2412.1	1861.9	3538.7	1287.7	2077.0	1524.2	
Draft KAF	6061.9	4697.1	1961.4	509.6	484.2	187.5	-0.6	1175.1	
TO MEET 31 JAN F.C.									
Feet	0.0	0.0	0.0	16.8	0.0	0.0	0.0	0.0	
Kaf	0.0	0.0	0.0	262.7	0.0	0.0	0.6	0.0	
Ksfd	0.0	0.0	0.0	132.5	0.0	0.0	0.3	0.0	
Cfs over inflow	0	0	0	4273	0	0	10	0	
FORECASTS, KAF									
Apr-Jul mp	na	na	na	na	na	na	6690	2601	
Apr-Jul %	na	na	na	na	na	na	106.0%	99.0%	
Apr-Aug mp	9953	20924	5487	1839	na	55466	na	na	
Apr-Aug %	88.2%	93.1%	87.8%	89.7%	na	92.0%	na	na	
May-Sep mp	na	na	na	na	1826	na	na	na	
May-Sep %	na	na	na	na	99.6%	na	na	na	
FLOOD CONTROL									
									LRC,/a.
Drafts, KAF									
Jan 31	1662	1703	1400	772	372	0	0	950	975
Feb 28-9	2810	2603	1000	1109	482	0	400	1100	1120
Mar 15	na	na	800	na	na	na	na	na	na
Mar 31	4080	3600	796	1109	605	1323	463	1211	1055
Apr 15	4080	3600	na	1109	663	2535	513	1351	931
Apr 30	4080	3600	na	1109	723	3554	525	na	na
Elevations MSL									
			d/		e/				
Jan 31	na	1430.5	2426.7	1845.1	3543.8	1290.0	2077.0	1540.7	1538.9
Feb 28-9	na	1422.9	2436.4	1821.1	3538.8	1290.0	2044.5	1529.8	1528.3
Mar 15	na	na	2441.1	na	na	na	na	na	na
Mar 31	na	1414.1	2441.2	1821.1	3533.0	1272.9	2038.4	1521.5	1533.1
Apr 15	na	1414.1	na	1821.1	3530.2	1255.5	2033.3	1510.5	1542.1
Apr 30	na	1414.1	na	1821.1	3527.3	1239.3	2032.0	na	na
FLOOD CONTROL, shifts									
									shifted urc's, /b.
Drafts, KAF									
Jan 31	na	na	na	na	na	0	0	950	
Feb 28-9	na	na	na	na	na	400	0	1100	
Mar 31	na	na	na	na	na	1941	0	1055	
Apr 15	na	na	na	na	na	3468	0	931	
Elevations MSL									
Jan 31	na	na	na	na	na	1290.0	2077.0	1540.7	
Feb 28-9	na	na	na	na	na	1285.0	2077.0	1529.8	
Mar 31	na	na	na	na	na	1264.2	2077.0	1533.1	
Apr 15	na	na	na	na	na	1240.7	2077.0	1542.1	
SHIFT POTENTIAL, KAF									
	1/	2/	3/	4/		1/	DWR SYS F.C. MINUS LOC F.C. ie		
Jan 31	0	0	0	537			POTENTIAL STORAGE SHIFT TO GCL.		
Feb 28-9	0	0	400	2744	2/	GCL F.C. PLUS 1/.			
Mar 31	155	1478	1941	4602	3/	BRN F.C. PLUS 2/.			
Apr 15	420	2956	3468	4602	4/	MAXIMUM TOTAL THAT	2/ or 3/		
Apr 30	NO SHIFT ALLOWED BY 30 APRIL.				CAN ADD UP TO.				

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 AT THE DALLES
 Apr-Aug mp 87500 94.0% storage Peak to volume unreg, 530 KCFS
 May-Aug mp 74176 correction Initial controlled flow-
 21294 KAF (ICF) 334 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