

SUMMARY OF COLUMBIA RIVER FLOOD CONTROL DATA

1 JAN 2005

	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	2429.7	1400.6	2410.7	1865.3	3542.2	1287.1	2073.8	1548.5	
Draft KAF	4523.9	5030.0	2011.4	454.4	407.5	235.9	46.0	840.7	
TO MEET 31 JAN F.C.									
Feet	0.0	0.0	0.0	26.0	0.0	0.0	0.0	0.0	
Kaf	0.0	0.0	0.0	402.6	0.0	0.0	0.0	0.0	
Ksfd	0.0	0.0	0.0	203.0	0.0	0.0	0.0	0.0	
Cfs over inflow	0	0	0	6547	0	0	0	0	
FORECASTS, KAF									
Apr-Jul mp	na	na	na	na	na	na	3170	1914	
Apr-Jul %	na	na	na	na	na	na	50.2%	72.3%	
Apr-Aug mp	10875	23000	5786	2003	na	54863	na	na	
Apr-Aug %	96.3%	102.3%	92.6%	97.7%	na	91.0%	na	na	
May-Sep mp	na	na	na	na	1647	na	na	na	
May-Sep %	na	na	na	na	89.7%	na	na	na	
FLOOD CONTROL									
									LRC, /a.
Drafts, KAF									
Jan 31	1279	1367	1629	857	306	0	0	712	728
Feb 28-9	2080	1964	1401	1270	357	0	34	652	668
Mar 15	na	na	1287	na	na	na	na	na	na
Mar 31	2968	2624	1287	1270	413	537	17	473	449
Apr 15	2968	2624	na	1270	439	537	9	403	267
Apr 30	2968	2624	na	1270	466	662	0	na	na
Elevations MSL									
			d/		e/				
Jan 31	na	1433.2	2420.9	1839.3	3546.8	1290.0	2077.0	1557.4	1556.3
Feb 28-9	na	1428.3	2426.7	1807.7	3544.5	1290.0	2074.6	1561.5	1560.4
Mar 15	na	na	2429.5	na	na	na	na	na	na
Mar 31	na	1422.7	2429.5	1807.7	3542.0	1283.3	2075.8	1573.0	1574.5
Apr 15	na	1422.7	na	1807.7	3540.8	1283.3	2076.4	1577.3	1585.3
Apr 30	na	1422.7	na	1807.7	3539.5	1281.7	2077.0	na	na
FLOOD CONTROL, shifts									
									shifted urc's, /b.
Drafts, KAF									
Jan 31	na	na	na	na	na	0	0	712	
Feb 28-9	na	na	na	na	na	34	0	652	
Mar 31	na	na	na	na	na	578	0	449	
Apr 15	na	na	na	na	na	681	0	267	
Elevations MSL									
Jan 31	na	na	na	na	na	1290.0	2077.0	1557.4	
Feb 28-9	na	na	na	na	na	1289.6	2077.0	1561.5	
Mar 31	na	na	na	na	na	1282.8	2077.0	1574.5	
Apr 15	na	na	na	na	na	1281.4	2077.0	1585.3	
SHIFT POTENTIAL, KAF									
	1/	2/	3/	4/		1/	DWR SYS F.C. MINUS LOC F.C. ie		POTENTIAL STORAGE SHIFT TO GCL.
Jan 31	0	0	0	537		2/	GCL F.C. PLUS 1/.		
Feb 28-9	0	0	34	2744		3/	BRN F.C. PLUS 2/.		
Mar 31	24	561	578	4602		4/	MAXIMUM TOTAL THAT	2/ or 3/	
Apr 15	136	673	681	4602			CAN ADD UP TO.		
Apr 30									

AT THE DALLES

Apr-Aug mp	74300	79.8%	storage	Peak to volume unreg,	432 KCFS
May-Aug mp	62986		correction	Initial controlled flow-	
			17156 KAF	(ICF)	281 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.

/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.

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