

SUMMARY OF COLUMBIA RIVER FLOOD CONTROL DATA

1 MAR 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, 28-9 FEB.									
Elevation MSL	2397.2	1401.5	2412.6	1812.1	3545.9	1275.4	2070.7	1565.1	
Draft KAF	7267.2	4937.9	1941.9	1219.7	325.4	1136.1	88.9	597.4	
TO MEET 31 MAR F.C.									
	15 MAR								
Feet	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	
Kaf	0.0	0.0	0.0	21.8	0.0	0.0	0.0	0.0	
Ksfd	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	
Cfs over inflow	0	0	0	355	0	0	0	0	
FORECASTS, KAF									
Apr-Jul mp	na	na	na	na	na	na	1740	1423	
Apr-Jul %	na	na	na	na	na	na	27.6%	53.8%	
Apr-Jul change	na	na	na	na	na	na	-850	-217	
Apr-Aug mp	10445	22274	5371	1972	na	45820	na	na	
Apr-Aug %	92.5%	99.1%	86.0%	96.2%	na	76.0%	na	na	
Apr-Aug change	-553	-516	-259	-42	na	-7837	na	na	
May-Sep mp	na	na	na	na	1144	na	na	na	
May-Sep %	na	na	na	na	62.4%	na	na	na	
May-Sep change	na	na	na	na	-274	na	na	na	
FLOOD CONTROL									
								LRC,/a.	
Drafts, KAF									
Mar 15	na	na	800	na	na	na	na	na	na
Mar 31	392	706	761	1242	103	537	0	230	125
Apr 15	392	706	736	1242	78	537	0	50	10
Apr 30	392	706	710	1242	54	537	0	50	na
Elevations MSL									
			d/		e/				
Mar 15	na	na	2441.1	na	na	na	na	na	na
Mar 31	na	1438.5	2442.0	1810.2	3555.6	1283.3	2077.0	1587.5	1593.3
Apr 15	na	1438.5	2442.6	1810.2	3556.7	1283.3	2077.0	1597.4	1599.5
Apr 30	na	1438.5	2443.2	1810.2	3557.7	1283.3	2077.0	1597.4	na
FLOOD CONTROL, shifts									
						shifted urc's, /b.			
Drafts, KAF									
Mar 31	na	na	na	na	na	642	0	125	
Apr 15	na	na	na	na	na	577	0	10	
Elevations MSL									
Mar 31	na	na	na	na	na	1281.9	2077.0	1593.3	
Apr 15	na	na	na	na	na	1282.8	2077.0	1599.5	
SHIFT POTENTIAL, KAF									
	1/	2/	3/	4/	1/ DWR SYS F.C. MINUS LOC F.C. ie				
					POTENTIAL STORAGE SHIFT TO GCL.				
Mar 31	105	642	642	4602	2/ GCL F.C. PLUS 1/.				
Apr 15	40	577	577	4602	3/ BRN F.C. PLUS 2/.				
Apr 30	NO SHIFT ALLOWED BY 30 APRIL.				4/ MAXIMUM TOTAL THAT 2/ or 3/ CAN ADD UP TO.				

DWORSHAK SHIFT ONLY TO GCL		
shifted urc's, /c.		
GCL		
Mar 31	642	KAF
Apr 15	577	KAF
Mar 31	1281.9	ft
Apr 15	1282.8	ft
DWR		
Mar 31	125	KAF
Apr 15	10	KAF
Mar 31	1593.3	ft
Apr 15	1599.5	ft

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AT THE DALLES					
Apr-Aug mp	57200	61.4%	storage	Peak to volume unreg,	305 KCFS
Apr-Aug change	-12000		correction	Initial controlled flow-	
May-Aug mp	48490		18031 KAF	(ICF)	200 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.
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