SUMMARY OF COLUMBIA RIVER FLOOD CONTROL DATA **1 APR 2003**

	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 MAR.									
Elevation MSL	2344.3	1402.8	2404.3	1794.6	3509.3	1283.8	2072.5	1580.5	
Draft KAF	10751.2	4804.4	2237.3	1395.6	1075.9	497.8	64.1	349.9	
TO MEET 15 APR F.C.									
Feet	0.0	0.0	0.0	0.0	0.0	0.5	0.0	38.6	
Kaf	0.0	0.0	0.0	0.0	0.0	39.2	0.0	584.3	
Ksfd	0.0	0.0	0.0	0.0	0.0	19.8	0.0	294.6	
Cfs over inflow FROM 15 APR	0	0	0	0	0	1317	0	19640	
TO MEET 30 APR F.C.									
Feet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Ksfd	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Cfs over inflow	0	0	0	0	0	0	0	0	
FORECASTS, KAF									
Apr-Jul mp	na	na	na	na	na	na	3370	2323	
Apr-Jul %	na	na	na	na	na	na	53.4%	87.8%	
Apr-Jul change	na	na	na	na	na	na	270	533	
Apr-Aug mp	9818	19672	4955	1821	na	50040	na	na	
Apr-Aug %	86.9%	85.9%	79.3%	89.1%	na	83.0%	na	na	
Apr-Aug change	974	2106	786	113	na	6029	na	na	
May-Sep mp	na	na	na	na	1680	na	na	na	
May-Sep %	na	na	na	na	91.6%	na	na	na	
May-Sep change	na	na	na	na	322	na	na	na	
FLOOD CONTROL									LRC,/a.
Drafts, KAF									
Apr 15	2584	2276	528	1091	481	537	19	934	634
Apr 30	2584	2276	419	1091	514	537	0	934	na
Elevations MSL			d/		e/				
Apr 15	na	1425.7	2447.4	1822.5	3538.8	1283.3	2075.7	1541.9	1562.7
Apr 30	na	1425.7	2449.8	1822.5	3537.3	1283.3	2077.0	1541.9	na
FLOOD CONTROL, shifts									
Drafts, KAF						shifted urc's			
Apr 15	na	na	na	na	na	837	0	634	
Elevations MSL						c/			
Apr 15	na	na	na	na	na	1279.4	2077.0	1562.7	
SHIFT POTENTIAL, KAF	1/	2/	3/	4/					
Apr 15	300	837	856	4602					
Apr 30	NO SHIFT ALLOWED BY 30 APRIL.								

1/ DWR SYS F.C. MINUS LOC F.C. ie POTENTIAL STORAGE SHIFT TO GCL.
2/ GCL F.C. PLUS 1/.
3/ BRN F.C. PLUS 2/.
4/ MAXIMUM TOTAL THAT 2/ or 3/ CAN ADD UP TO.

AT THE DALLES						
Apr-Aug mp	72400	77.8%	storage	Peak to volume unreg,	**418**	KCFS
Apr-Aug change	8700		correction	Initial controlled flow-		
May-Aug mp	61375		**17617** KAF	(ICF)	**266**	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.
/c. Flood control elevation at GCL represents shift from DWR
/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. Reference letter dated 9 January, 2001 from The Bureau of Reclamation to the Corps of Engineers requesting implementation of VARQ flood control procedure beginning January 2001.

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