

SUMMARY OF COLUMBIA RIVER FLOOD CONTROL DATA

1 APR 2004

	MCDB	ARDB	LIB	DCDB	HGH	GCL	BRN	DWR	DWR	GCL
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	2358.2	1395.4	2398.6	1799.7	3514.7	1264.4	2051.6	1530.1		
Draft KAF	9932.6	5544.3	2426.7	1352.4	973.5	1927.8	322.8	1095.9		
TO MEET 15 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		
FROM 15 APR										
TO MEET 30 APR F.C.										
Feet	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0		
Kaf	0.0	0.0	0.0	0.0	0.0	12.3	0.0	0.0		
Ksfd	0.0	0.0	0.0	0.0	0.0	6.2	0.0	0.0		
Cfs over inflow	0	0	0	0	0	413	0	0		
FORECASTS, KAF										
Apr-Jul mp	na	na	na	na	na	na	3130	2265		
Apr-Jul %	na	na	na	na	na	na	49.6%	85.6%		
Apr-Jul change	na	na	na	na	na	na	-1400	-129		
Apr-Aug mp	10697	21767	5305	2001	na	52451	na	na		
Apr-Aug %	94.8%	96.8%	84.9%	97.6%	na	87.0%	na	na		
Apr-Aug change	194	682	-54	97	na	-1809	na	na		
May-Sep mp	na	na	na	na	na	1474	na	na		
May-Sep %	na	na	na	na	na	80.4%	na	na		
May-Sep change	na	na	na	na	na	-244	na	na		
FLOOD CONTROL										
Drafts, KAF										
Apr 15	2786	2459	703	1270	244	537	6	847	572	
Apr 30	2786	2459	664	1270	243	549	0	847	na	
Elevations MSL										
Apr 15	na	1424.1	2443.4	1807.7	3549.5	1283.3	2076.6	1548.0	1566.8	
Apr 30	na	1424.1	2444.3	1807.7	3549.6	1283.1	2077.0	1548.0	na	
FLOOD CONTROL, shifts										
Drafts, KAF										
Apr 15	na	na	na	na	na	819	0	572		
Elevations MSL										
Apr 15	na	na	na	na	na	1279.6	2077.0	1566.8		
SHIFT POTENTIAL, KAF										
Apr 15	1/	2/	3/	4/	1/ DWR SYS F.C. MINUS LOC F.C. ie					
POTENTIAL STORAGE SHIFT TO GCL.										
Apr 15	276	813	819	4602	2/ GCL F.C. PLUS 1/.					
Apr 30	NO SHIFT ALLOWED BY 30 APRIL.				3/ BRN F.C. PLUS 2/.					
4/ MAXIMUM TOTAL THAT 2/ or 3/ CAN ADD UP TO.										

LRC,/a.

DWRSHAK SHIFT ONLY TO GCL		
shifted urc's, /c.		
GCL		
Apr 15	813	KAF
Apr 15	1279.7	ft
DWR		
Apr 15	572	KAF
Apr 15	1566.8	ft

AT THE DALLES										
Apr-Aug mp	73400	78.9%	storage	Peak to volume unreg,				425 KCFS		
Apr-Aug change	-9100		correction	Initial controlled flow-						
May-Aug mp	62223		20240 KAF	(ICF)				252 KCFS		

/a. LRC is DWRSHAK 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 Dwrshak 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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