

SUMMARY OF COLUMBIA RIVER FLOOD CONTROL DATA

1 APR 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.KSPD	6076.9	3579.6	2510.5	705.0	1503.4	2614.4	491.7	1016.4	
CURRENT, 31 MAR.									
Elevation MSL	2386.9	1397.6	2404.2	1799.6	3526.5	1255.9	2030.2	1532.3	
Draft KAF	8026.1	5331.4	2240.7	1353.3	739.9	2508.3	542.6	1066.1	
TO MEET 15 APR F.C.									
Feet	0.0	0.0	0.0	0.0	1.5	13.6	0.0	21.0	
Kaf	0.0	0.0	0.0	0.0	30.0	864.3	0.0	274.1	
Ksfd	0.0	0.0	0.0	0.0	15.1	435.8	0.0	138.2	
Cfs over inflow	0	0	0	0	1009	29051	0	9212	
FROM 15 APR									
TO MEET 30 APR F.C.									
Feet	0.0	0.0	0.0	0.0	3.7	13.3	4.1	0.0	
Kaf	0.0	0.0	0.0	0.0	74.3	765.7	38.5	0.0	
Ksfd	0.0	0.0	0.0	0.0	37.5	386.1	19.4	0.0	
Cfs over inflow	0	0	0	0	2499	25737	1294	0	
FORECASTS, KAF									
Apr-Jul mp	na	na	na	na	na	na	8380	2593	
Apr-Jul %	na	na	na	na	na	na	132.8%	98.7%	
Apr-Jul change	na	na	na	na	na	na	1440	-18	
Apr-Aug mp	9959	21256	6076	1922	na	57275	na	na	
Apr-Aug %	88.2%	94.6%	97.2%	93.8%	na	95.0%	na	na	
Apr-Aug change	-56	-43	-274	-24	na	-602	na	na	
May-Sep mp	na	na	na	na	1912	na	na	na	
May-Sep %	na	na	na	na	104.2%	na	na	na	
May-Sep change	na	na	na	na	-46	na	na	na	
FLOOD CONTROL									
Drafts, KAF			d/		e/			f/	LRC,/a.
Apr 15	4080	3600	1779	1192	770	3325	539	1003	923
Apr 30	4080	3600	1779	1192	844	4138	577	1024	na
Elevations MSL			d/		e/			f/	
Apr 15	na	1414.1	2417.0	1814.4	3525.0	1243.1	2030.6	1536.9	1542.7
Apr 30	na	1414.1	2417.0	1814.4	3521.3	1229.0	2026.6	1535.4	na
FLOOD CONTROL, shifts									
Drafts, KAF									shifted urc's, /b.
Apr 15	na	na	na	na	na	4328	0	923	
Elevations MSL									
Apr 15	na	na	na	na	na	1225.5	2077.0	1542.7	
SHIFT POTENTIAL, KAF									
Apr 15	1/	2/	3/	4/	1/ DWR SYS F.C. MINUS LOC F.C. ie				
Apr 30	80	3405	3943	4355	2/ GCL F.C. PLUS 1/.				
					3/ BRN F.C. PLUS 2/.				
					4/ MAXIMUM TOTAL THAT 2/ or 3/				
					CAN ADD UP TO.				

	GCL	KAF
Apr 15	3405	KAF
Apr 15	1241.8	ft
Apr 15	923	KAF
Apr 15	1542.7	ft

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AT THE DALLES					
Apr-Aug mp	92700	99.6%	storage		Peak to volume unreg, 569 KCFS
Apr-Aug change	1500		correction		Initial controlled flow-
May-Aug mp	78584		22380 KAF	(ICF)	359 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 drafts and elevations for LIBBY are based on VARQ flood control procedures.
 - /e. Flood control drafts and elevations for HUNGRY HORSE are based on VARQ flood control procedures.
 - /f. 15 April and 30 April DWR target drafts and elevations based on deviation request.
- Questions? Contact Ken Soderlind, 503-808-3950, John McCoskery, 503-808-3951, or Patti Etzel, 503-808-3958