

SUMMARY OF COLUMBIA RIVER FLOOD CONTROL DATA

1 FEB 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.KSFD	6076.9	3579.6	2510.5	705.0	1503.4	2614.4	491.7	1016.4	
CURRENT, 31 JAN.									
Elevation MSL	2410.1	1399.3	2412.3	1831.0	3541.3	1277.4	2059.9	1539.8	
Draft KAF	6250.4	5162.1	1952.9	975.8	427.2	987.0	226.8	963.2	
TO MEET 28-9 FEB F.C.									
Feet	0.0	0.0	0.2	15.3	9.6	0.0	15.4	15.6	
Kaf	0.0	0.0	7.1	200.3	204.5	0.0	173.2	211.9	
Ksfd	0.0	0.0	3.6	101.0	103.1	0.0	87.3	106.8	
Cfs over inflow	0	0	128	3607	3683	0	3118	3815	

FORECASTS, KAF									
Apr-Jul mp	na	na	na	na	na	na	8016	2707	
Apr-Jul %	na	na	na	na	na	na	127.0%	103.0%	
Apr-Jul change	na	na	na	na	na	na	1326	107	
Apr-Aug mp	9638	20517	6186	1906	na	58480	na	na	
Apr-Aug %	85.4%	91.3%	99.0%	93.0%	na	97.0%	na	na	
Apr-Aug change	-315	-406	735	67	na	3014	na	na	
May-Sep mp	na	na	na	na	2024	na	na	na	
May-Sep %	na	na	na	na	110.3%	na	na	na	
May-Sep change	na	na	na	na	197	na	na	na	

FLOOD CONTROL									
Drafts, KAF									
Feb 28-9	2810	2603	1960	1176	632	0	400	1175	1187
Mar 15	na	na	1966	na	na	na	na	na	na
Mar 31	4080	3600	1966	1176	832	2537	497	1344	1150
Apr 15	4080	3600	1966	1176	929	3600	547	1487	1037
Apr 30	4080	3600	1966	1176	1011	4316	593	1218	0
Elevations MSL									
			d/		e/				
Feb 28-9	na	1422.9	2412.1	1815.7	3531.7	1290.0	2044.5	1524.2	1523.3
Mar 15	na	na	2412.0	na	na	na	na	na	na
Mar 31	na	1414.1	2412.0	1815.7	3521.9	1255.5	2035.0	1511.0	1526.1
Apr 15	na	1414.1	2412.0	1815.7	3517.0	1238.5	2029.8	1498.9	1534.5
Apr 30	na	1414.1	2412.0	1815.7	3512.7	1225.7	2024.8	1520.9	na

LRC,/a.

FLOOD CONTROL, shifts									
Drafts, KAF									
Feb 28-9	na	na	na	na	na	400	0	1175	
Mar 31	na	na	na	na	na	3227	0	1150	
Apr 15	na	na	na	na	na	4355	241	1037	
Elevations MSL									
Feb 28-9	na	na	na	na	na	1285.0	2077.0	1524.2	
Mar 31	na	na	na	na	na	1244.7	2077.0	1526.1	
Apr 15	na	na	na	na	na	1225.0	2058.7	1534.5	
SHIFT POTENTIAL, KAF									
Feb 28-9	1/	2/	3/	4/	1/ DWR SYS F.C. MINUS LOC F.C. ie				
POTENTIAL STORAGE SHIFT TO GCL.									
Feb 28-9	0	0	400	2744	2/ GCL F.C. PLUS 1/.				
Mar 31	194	2730	3227	4355	3/ BRN F.C. PLUS 2/.				
Apr 15	450	4050	4355	4355	4/ MAXIMUM TOTAL THAT	2/ or 3/			
Apr 30	NO SHIFT ALLOWED BY 30 APRIL.					CAN ADD UP TO.			

Dworshak Shift Only to GCL		
shifted urc's,	/c.	
GCL		
Feb 28-9	0	KAF
Mar 31	2730	KAF
Apr 15	4050	KAF
DWR		
Feb 28-9	1175	KAF
Mar 31	1150	KAF
Apr 15	1037	KAF
Feb 28-9	1524.2	ft
Mar 31	1526.1	ft
Apr 15	1534.5	ft

AT THE DALLES									
Apr-Aug mp	94300	101.3%	storage	Peak to volume unreg,			581	KCFS	
Apr-Aug change	6800		correction	Initial controlled flow-					
May-Aug mp	79940		22673 KAF	(ICF)	366	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.
- Questions? Contact Ken Soderlind, 503-808-3950, John McCoskery, 503-808-3951, or Patti Etzel, 503-808-3958