

SUMMARY OF COLUMBIA RIVER FLOOD CONTROL DATA

1 FEB 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, 31 JAN.									
Elevation MSL	2411.7	1398.8	2411.7	1835.9	3544.5	1288.0	2069.5	1557.2	
Draft KAF	6117.9	5212.4	1974.9	906.6	356.7	163.3	105.1	715.1	
TO MEET 28-9 FEB F.C.									
Feet	0.0	0.0	0.0	23.4	0.0	0.0	0.0	0.0	
Kaf	0.0	0.0	0.0	308.4	0.0	0.0	0.0	0.0	
Ksfd	0.0	0.0	0.0	155.5	0.0	0.0	0.0	0.0	
Cfs over inflow	0	0	0	5552	0	0	0	0	
FORECASTS, KAF									
Apr-Jul mp	na	na	na	na	na	na	2590	1642	
Apr-Jul %	na	na	na	na	na	na	41%	62%	
Apr-Jul change	na	na	na	na	na	na	-580	-272	
Apr-Aug mp	10998	22790	5630	2013	na	53657	na	na	
Apr-Aug %	97%	101%	90%	98%	na	89%	na	na	
Apr-Aug change	123	-210	-156	10	na	-1206	na	na	
May-Sep mp	na	na	na	na	1418	na	na	na	
May-Sep %	na	na	na	na	77%	na	na	na	
May-Sep change	na	na	na	na	-228	na	na	na	
FLOOD CONTROL									
LRC, /a.									
Drafts, KAF									
Feb 28-9	1406	1350	1182	1215	212	0	0	503	509
Mar 15	na	na	1021	na	na	na	na	na	na
Mar 31	1938	1688	1021	1270	192	537	0	263	261
Apr 15	1938	1688	na	1270	183	537	0	97	105
Apr 30	1938	1688	na	1270	173	537	0	na	na
Elevations MSL									
Feb 28-9	na	1433.4	2432.1	1812.5	3550.9	1290.0	2077.0	1571.2	1570.8
Mar 15	na	na	2435.9	na	na	na	na	na	na
Mar 31	na	1430.6	2435.9	1807.7	3551.8	1283.3	2077.0	1585.6	1585.7
Apr 15	na	1430.6	na	1807.7	3552.2	1283.3	2077.0	1594.8	1594.4
Apr 30	na	1430.6	na	1807.7	3552.6	1283.3	2077.0	na	na
shifted urc's, /b.									
FLOOD CONTROL									
Drafts, KAF									
Feb 28-9	na	na	na	na	na	0	0	503	
Mar 31	na	na	na	na	na	538	0	261	
Apr 15	na	na	na	na	na	537	0	97	
Elevations MSL									
Feb 28-9	na	na	na	na	na	1290.0	2077.0	1571.2	
Mar 31	na	na	na	na	na	1283.3	2077.0	1585.7	
Apr 15	na	na	na	na	na	1283.3	2077.0	1594.8	
SHIFT POTENTIAL, KAF									
	1/	2/	3/	4/	1/ DWR SYS F.C. MINUS LOC F.C. ie POTENTIAL STORAGE SHIFT TO GCL.				
Feb 28-9	0	0	0	2744	2/ GCL F.C. PLUS 1/.				
Mar 31	1	538	538	4602	3/ BRN F.C. PLUS 2/.				
Apr 15	0	537	537	4602	4/ MAXIMUM TOTAL THAT 2/ or 3/ CAN ADD UP TO.				
Apr 30	NO SHIFT ALLOWED BY 30 APRIL.								

DWORSHAK SHIFT ONLY TO GCL		
shifted urc's, /c.		
	GCL	
Feb 28-9	0	KAF
Mar 31	538	KAF
Apr 15	537	KAF
DWR		
Feb 28-9	503	KAF
Mar 31	261	KAF
Apr 15	97	KAF
Feb 28-9	1571.2	ft
Mar 31	1585.7	ft
Apr 15	1594.8	ft

- /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.
 - /f. Duncan 28 Feb flood control target elev based on deviation request from BCH dated 29 Dec 2004
- Questions? Ken Soderlind, 503-808-3950; Chan Modini, 503-808-3958; or Arun Mylvahanan, 503-808-396:

AT THE DALLES		Peak to volume unreg,	
Apr-Aug mp	69200	74.3%	storage
Apr-Aug change	-5100		correction
May-Aug mp	58662		16623 KAF
			394 KCFS.
			Initial controlled flow-
			(ICF) 253 KCFS