

SUMMARY OF COLUMBIA RIVER FLOOD CONTROL DATA

1 May 2005

	MCDB	ARDB	LIB	DCDB	HGH	GCL	BRN	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, 30 APR.								
Elevation MSL	2383.0	1410.2	2419.0	1805.6	3546.9	1255.5	2075.1	1592.4
Draft KAF	8302.9	4027.2	1701.6	1292.9	303.0	2534.8	27.5	141.4
LOOKBACK								
AT 30 APR F.C.								
Feet	na	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kaf	na	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ksfd	na	0	0	0	0	0	0	0
FORECASTS, KAF								
May-Jul mp	7289	14860	4152	1369	1092	na	1706	834
May-Jul %	86.9%	86.9%	81.1%	87.6%	64.0%	na	39.0%	42.1%
Apr-Jul mp	na	na	na	na	na	na	2440	1344
Apr-Jul %	na	na	na	na	na	na	38.7%	50.8%
Apr-Jul change	na	na	na	na	na	na	260	23
Apr-Aug mp	10136	20313	5096	1876	na	47628	na	na
Apr-Aug %	89.8%	90.4%	81.6%	91.5%	na	79.0%	na	na
Apr-Aug change	-218	-1218	-305	-91	na	0	na	na
May-Sep mp	na	na	na	na	1173	na	na	na
May-Sep %	na	na	na	na	64.0%	na	na	na
May-Sep change	na	na	na	na	-44	na	na	na
FLOOD CONTROL								
LOOKBACK								
Drafts, KAF			a/		b/			c/
Apr 30	392	706	517	1146	65	537	0	118
Elevations MSL			a/		b/			c/
Apr 30	na	1438.5	2447.6	1818.1	3557.3	1283.3	2077.0	1593.7
=====								
AT THE DALLES								
Apr-Aug mp	61900	66.5%	storage		Peak to volume unreg,			340 KCFS
Apr-Aug change	1100		correction		Initial controlled flow-			
May-Aug mp	52081		17826 KAF		(ICF)	200 KCFS		
=====								

- /a. Flood control elevations for LIBBY are based on VARQ flood control procedures.
- /b. Flood control elevations for HUNGRY HORSE are based on VARQ flood control procedures.
- /c. For this water year only, no shift operations are scheduled from Dworshak to Grand Coulee due to a level one operational constraint regarding snow covered area for Dworshak. This flood control space requirement - estimated for 30 April at elevation 1593.7 ft and draft of 118 kaf - is necessary to ensure that the spillway is able to safely pass flood waters if a design flood event were to occur. Snow covered area estimates are updated weekly.

Questions? Contact Ken Soderlind, 503-808-3950, John McCoskery, 503-808-3951, or Chan Modini, 503-808-3958