

DWORSHAK APRIL-JULY INFLOW FORECAST
as of 1200 7 Dec 2001
DATA START DATE = 0400 1 Oct 2001

End of Month	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ELBI ELK BUTTE	-	-	-						
HEMI HEMLOCK	-	-	-						
HOOM HOODOO BASIN	-	-	-						
PIRI PIERCE RG S	-	-	-						
SHAI SHANGHI SUM	-	-	-						
LSLI LOST LAKE	-	-	-						
EKRI ELK RIVER 1S	-	-	-						
DWR AVERAGE KAF	-	-	-						
ASOI July-Aug SOI	-1.4	-	-	-					
SSOI July-Sep SOI	-	-1.2	-	-					
OSOI July-Oct SOI	-	-	-1.6	-					
NSOI July-Nov SOI	-	-	-	-					
DSOI July-Dec SOI	-	-	-	-					
DWORSHAK FC SPACE				914					
DWORSHAK FC ELEV				1543.3					
DWORSHAK FOM ELEV	1516.7	1517.6	1521.5						

- = data not used in runoff forecast equation
 ELBI = ELK BUTTE ACCUMULATED SWE IN INCHES (snotel) elev 5550
 HEMI = HEMLOCK ACCUMULATED SWE IN INCHES (snotel) elev 5810
 HOOM = HOODOO BASIN ACCUMULATED SWE IN INCHES (snotel) elev 6050
 PIRI = PIERCE RANGER STATION ACCUMULATED SWE IN INCHES (snow course)
 LSLI = LOST LAKE ACCUMULATED SWE IN INCHES (snotel) elev 6110
 EKRI = ELK RIVER 1S ACCUMULATED MONTHLY PRECIP IN INCHES elev 2910
 DWRI = MONTHLY DWORSHAK INFLOW (KAF)
 JD = JANUARY DWORSHAK INFLOW (KAF)
 FD = FEBRUARY DWORSHAK INFLOW (KAF)
 MD = MARCH DWORSHAK INFLOW (KAF)
 AD = APRIL DWORSHAK INFLOW (KAF)
 FOM = FIRST OF MONTH

FORECAST EQUATIONS:

01OCT=276.4*ASOI+2690
 01NOV=191.5*SSOI+2667
 01DEC=144.2*OSOI+2687
 01JAN=12.7*ELBI+15.3*HEMI+13.3*HOOM+63.3*PIRI+89.7*NSOI+17.1*EKRI+1539
 01FEB=18.6*ELBI+15.6*HEMI+18.5*HOOM+44.1*PIRI+20.3*DSOI+.8*JD+540
 01MAR=14.2*ELBI+14.7*HEMI+15.5*HOOM+33.4*PIRI+21.8*DSOI+.9*JD+.2*FD+369
 01APR=15.1*ELBI+15.4*HEMI+14.6*HOOM+15.9*SHAI+22.6*DSOI+.8*JD+.3*FD+.3*MD-168
 01MAY=14.1*ELBI+12.3*HEMI+12.6*HOOM+13.9*SHAI+.3*AD-201
 01JUN=8.2*ELBI+7.3*HEMI+8.4*HOOM+5.7*LSLI+183

April-July Average inflow	2700	KAF	% Chance that OBSERVED will be > than given value						
			1%	5%	20%	50%	80%	95%	99%
01Oct April-July Forecast	2303	KAF	4010	3504	2918	2303	1688	1102	597
01Nov April-July Forecast	2437	KAF	4064	3582	3024	2437	1851	1292	811
01Dec April-July Forecast	2456	KAF	4112	3621	3053	2456	1860	1291	801
01Jan April-July Forecast		KAF							
01Feb April-July Forecast		KAF							
01Mar April-July Forecast		KAF							
01Apr April-July Forecast		KAF							
01May April-July Forecast		KAF							
01Jun April-July Forecast		KAF							

The given forecast values are to be considered the Corps of Engineers Official Forecast for Dworshak. If you have questions on this report, contact Patrick O'Brien 503-808-3961: patrick.s.o'brien@usace.army.mil or Chan Modini 503-808-3958: george.c.modini@usace.army.mil