

DWORSHAK APRIL-JULY INFLOW FORECAST  
as of 1200 7 Dec 2000  
DATA START DATE = 0400 1 Oct 2000

End of Month	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ELBI ELK BUTTE	-	-	-						
HEMI HEMLOCK	-	-	-						
HOOM HOODOO BASI	-	-	-						
PIRI PIERCE RG S	-	-	-						
SHAI SHANGHI SUM	-	-	-						
LSLI LOST LAKE	-	-	-						
EKRI ELK RIVER 1	-	-	-						
DWR AVERAGE KAF	-	-	-						
ASOI July-Aug SC	0.0								
SSOI July-Sep SC		1.0							
OSOI July-Oct SC			2.0						
NSOI July-Nov SC				4.0					
DSOI July-Dec SC									
DWORSHAK FC SPACE				1091					
DWORSHAK FC ELEV				1530.4					
DWORSHAK FOM ELEV	1519.2	1519.8	1519.0						

- = 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 ELEVATION

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	2690	KAF	4396	3891	3305	2690	2075	1489	984
01Nov April-July Forecast	2859	KAF	4485	4003	3445	2859	2272	1714	1232
01Dec April-July Forecast	2975	KAF	4631	4140	3572	2975	2379	1810	1320
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 Chan Modini 503-808-3958: george.c.modini@usace.army.mil or Russ Morrow 503-808-3951: russell.l.morrow@usace.army.mil