

DWORSHAK APRIL-JULY INFLOW FORECAST  
as of 1200 3 Dec 2003  
DATA START DATE = 0400 1 Oct 2003

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	-0.1	-	-	-					
SSOI July-Sep SOI	-	-0.2	-	-					
OSOI July-Oct SOI	-	-	-0.5	-					
NSOI July-Nov SOI	-	-	-	-					
DSOI July-Dec SOI	-	-	-	-					
DWORSHAK FC SPACE				956					
DWORSHAK FC ELEV				1540.3					
DWORSHAK FOM ELEV	1518.5	1515.9	1515.2						

- = 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 normal inflow for the 1971-2000 period =		2645				KAF			
% Chance that OBSERVED will be > than given value									
	% Normal	KAF	1%	5%	20%	50%	80%	95%	99%
01Oct April-July Forecast	101	2662	4369	3863	3278	2662	2047	1461	956
01Nov April-July Forecast	99	2629	4255	3773	3215	2629	2042	1484	1002
01Dec April-July Forecast	99	2615	4270	3780	3212	2615	2018	1450	960
01Jan April-July Forecast									
01Feb April-July Forecast									
01Mar April-July Forecast									
01Apr April-July Forecast									
01May April-July Forecast									
01Jun April-July Forecast									

The given forecast values are to be considered the Corps of Engineers  
Official Forecast for Dworshak. If you have questions on this report, Contact  
Ken Soderlind, 503-808-3950, Chan Modini, 503-808-3958, Arun Mylvahanan, 503-808-3961  
Footnote:

1/ Forecasts for months other than the current month may be different than the official  
forecast released earlier. Differences are due to updated streamflow, precip, or snow data.