

DWORSHAK APRIL-JULY INFLOW FORECAST  
as of 1200 05 Oct 2004  
DATA START DATE = 0400 1 Oct 2004

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	-1.5								
SSOI July-Sep SOI	-								
OSOI July-Oct SOI	-								
NSOI July-Nov SOI	-								
DSOI July-Dec SOI	-								
DWORSHAK FC SPACE				856					
DWORSHAK FC ELEV				1547.4					
DWORSHAK FOM ELEV	1520.9								

- = 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)  
 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 71-yr median inflow for the 1928-1999 period = 2702 KAF  
 April-July normal inflow for the 1971-2000 period = 2645 KAF

	% Chance that OBSERVED will be > than given value									
	% Median	% Normal	KAF	1%	5%	20%	50%	80%	95%	99%
01Oct April-July Forecast	84	86	2275	3982	3477	2891	2275	1660	1074	569
01Nov April-July Forecast										
01Dec April-July Forecast										
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.