

VI.5.3C OPERATIONAL FORECAST PROGRAM (FCST) FUNCTIONS

This Section describes the processes that are included in the Operational Forecast Program (FCST).

These processes are called Functions and are linked to the Hydrologic Command Language (HCL) so that the run-time input structure is the same for all Functions.

Technical descriptions of the models and techniques used in some of the Functions are in Part II [[Hyperlink](#)].

The Operations used in the Forecast Function (FCEXEC) and Extended Streamflow Prediction Function (ESP) are described in Part V [[Hyperlink](#)].

Techniques are the HCL mechanism for setting the options available in the Functions.

Section VI.5.3D [[Hyperlink](#)] contains a description of the available Techniques.

The Functions are:

<u>Function</u>	<u>Description</u>	<u>Type</u>	
CGSTATUS	Carryover Groups Status	Utility	[Hyperlink]
ESP	Extended Streamflow Prediction	Forecast	[Hyperlink]
FCEXEC	Forecast Execution	Forecast	[Hyperlink]
FMAP	Future Mean Areal Precipitation	Preprocessor	[Hyperlink]
FREEDATE	Free Carryover Date	Utility	[Hyperlink]
MAP	Mean Areal Precipitation	Preprocessor	[Hyperlink]
MAPE	Mean Areal Potential Evaporation	Preprocessor	[Hyperlink]
MAPX	Gridded Mean Areal Precipitation	Preprocessor	[Hyperlink]
MAT	Mean Areal Temperature	Preprocessor	[Hyperlink]
PRINTOPS	Print Operations Carryover	Utility	[Hyperlink]
RRS	River, Reservoir and Snow	Preprocessor	[Hyperlink]
SAVEDATE	Save Carryover Date	Utility	[Hyperlink]

Preprocessor Functions are Functions that produce time series data that are used by the Forecast Functions.

Forecast Functions are Functions that produce short-term or long-term

forecasts of river and reservoir conditions.

Utility Functions are Functions that display or change data values.