

VI.5.3C-FREEDATE PROGRAM FCST FREE CARRYOVER DATE FUNCTION (FREEDATE)

Purpose

Function FREEDATE is a utility Function that frees (un-protects) a date of carryover on the Forecast Component files.

Function FREEDATE is used in conjunction with Function SAVEDATE which protects a date of carryover.

There are a fixed number of slots available to hold dates of carryover on the Forecast Component files. Carryover is stored in these slots whenever a save carryover run is made with the Forecast Component. The slots are assigned by first filling any unused slots. When all slots are in use the slot holding the oldest date of carryover is assigned to new carryover to be saved and the oldest carryover is overwritten. If a date of carryover is protected (with the SAVEDATE Function) it is not available to be assigned to a new date of carryover. Only the remaining unprotected slots can be used to hold new carryover dates. When a data has been protected it will not be overwritten with a new date of carryover but it can be updated if it falls within the period of a save carryover run.

After a while the data on the Processed Data Base will no longer include the date of protected carryover. Function FREEDATE is used to make a slot available for new carryover dates.

HCL Input

Input to Function FREEDATE is through Hydrologic Command Language (HCL).

The input consists of Techniques and their Arguments (see Section VI.5.3C-FREEDATE-TECH [[Hyperlink](#)]).

Sample HCL Input

The following example will free (unprotect) the carryover date for June 6, 1982 for the Carryover Group TULSARFC.

```
@SETOPTIONS
  FREEDATE 062682
  FREEGRP TULSARFC
@COMPUTE FREEDATE
@STOP
```

Output

There are two types of output from Function FREEDATE. The first is printer output describing which carryover date has been freed or messages if any errors occurred. The second output is to the Forecast

Component files changing values on the files to free the date of carryover.

Error Messages

Error and warning messages printed by Function FREEDATE are described in Section VI.5.3C-FREEDATE-ERROR [[Hyperlink](#)].