VI.5.3C-MAT-TECH PROGRAM FCST FUNCTION MAT HCL TECHNIQUES

This Section describes the Hydrologic Command Language (HCL) Techniques used by the Operational Forecast Program Function MAT.

A detailed description of each Technique is in Section VI.5.3D [Hyperlink].

Techniques for the MAT Function can be categorized as:

- o often used
- o not often used
- o not used for forecasting

Technique	Notes	Description
Techniques Often Used		
Techniques to specify the run period:		
STARTRUN	1/ 2/	Sets the time for start of run
ENDRUN	1/ 2/	Sets the time for end of run
LSTCMPDY	1/ 2/	Sets time for end of computational (observed data) period
LSTALLOW	1/ 2/	Sets the future time limit for the Technique LSTCMPDY
Techniques Not Often Used		
MAT display control Techniques:		
DIURNAL	2/	Selects from a list of predefined sets of weights used to disaggregate the daily maximum and minimum temperatures into 6 hour values
PRTTFUT	2/	Specifies whether to print forecast temperature data
PRTTINST	2/	Specifies whether to print observed instantaneous temperature data
PRTMAT	2/	Specifies whether to print computed MAT values
PRTT24	2/	Specifies whether to print observed maximum/minimum temperature data
PRLASTDY	1/ 2/	Specifies if only the last day is to be displayed
General display control Techniques:		
METRIC	1/ 2/	Sets the English/Metric option for output

Technique	Notes	Description
NOUTDS	1/ 2/	Specifies if output should be in daylight or standard time
NOUTZ	1/ 2/	Sets the time zone number for output

Techniques Not Used For Forecasting

Debug control Techniques:

PPDEBUG	1/ 2/	Sets the debug codes for Preprocessor Component routines
PPTRACE	1/ 2/	Sets the trace level for Preprocessor Component routines

Notes:

1/ The Technique is used by other Functions and will apply to all Functions unless changed between COMPUTE commands.

2/ Techniques are either Universal or Nonuniversal depending on whether their values can be changed during the COMPUTE of a Function. Universal Techniques are assigned a single value for the COMPUTE of a Function. Nonuniversal Techniques can be changed within the COMPUTE of a Function.

All Techniques are Universal.