

## 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	<u>1/</u> <u>2/</u>	Sets the time for start of run
ENDRUN	<u>1/</u> <u>2/</u>	Sets the time for end of run
LSTCMPDY	<u>1/</u> <u>2/</u>	Sets time for end of computational (observed data) period
LSTALLOW	<u>1/</u> <u>2/</u>	Sets the future time limit for the Technique LSTCMPDY

### **Techniques Not Often Used**

MAT display control Techniques:

PRTTFUT	<u>2/</u>	Specifies whether to print forecast temperature data
PRTTINST	<u>2/</u>	Specifies whether to print observed instantaneous temperature data
PRTMAT	<u>2/</u>	Specifies whether to print computed MAT values
PRTT24	<u>2/</u>	Specifies whether to print observed maximum/minimum temperature data
PRLASTDY	<u>1/</u> <u>2/</u>	Specifies if only the last day is to be displayed

General display control Techniques:

METRIC	<u>1/</u> <u>2/</u>	Sets the English/Metric option for output
NOUTDS	<u>1/</u> <u>2/</u>	Specifies if output should be in daylight or standard time
NOUTZ	<u>1/</u> <u>2/</u>	Sets the time zone number for output

Technique Notes Description

**Techniques Not Used For Forecasting**

Debug control Techniques:

PPDEBUG	<u>1/</u> <u>2/</u>	Sets the debug codes for Preprocessor Component routines
PPTRACE	<u>1/</u> <u>2/</u>	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.