

# LONG TERM PAVEMENT PERFORMANCE PROGRAM DIRECTIVE



For The Technical Direction Of The LTPP Program



**Program Area: Monitoring**

**Directive Number: AWS-2**

**Date: November 18, 1994**

**Supersedes: n/a**

**Subject: AWS Data File Format and CR10 Datalogger Clock**

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This directive specifies the data file format to be used in the retrieval of climatic data from SPS weather stations and provides a warning regarding the resetting of the CR10 datalogger clock to account for daylight savings time or vice-versa.

## AWS Data File Format

Climatic data collected at SPS automated weather stations are stored internally in the CR10 datalogger in binary format. When these data are retrieved from the SM192 Storage Module onto diskette or other medium, three file format options for retrieving the weather data are provided -- binary format, printable ASCII format, and comma delineated ASCII format. Of these, the comma delineated ASCII format offers the best compromise in terms of storage space and ease with which the data can be imported into popular spreadsheet programs.

Therefore, effectively immediately, the comma delineated format shall be used in the retrieval of climatic data at SPS weather stations. To do this, when prompted for the Data Collection Format by the SMCOM, select **Option C** for **Comma Delineated** format. Prompt for data collection format will appear after user has selected SMCOM option (always **Option A** to collect **ALL** data from the storage module) and has specified a descriptive name for the root collection file name.

## CR10 Datalogger Clock

**UNDER NO CIRCUMSTANCE SHOULD THE CLOCK IN THE AWS CR10 DATALOGGER BE RESET TO ADJUST FOR DAYLIGHT SAVINGS TIME OR VICE-**

VERSA. If problems are encountered at an SPS weather station which necessitate resetting of the CR10 datalogger clock, please ensure the time entered is consistent with that which has been used since the weather station was installed and began collecting data.

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