

III.10-TS2OH PROGRAM TO READ PROGRAM PRDUTIL COMMAND TSDATA OUTPUT
AND WRITE A DATACARD FORMAT FILE (TS2OH)

Purpose

Program TS2OH reads a program PRDUTIL [\[Hyperlink\]](#) command TSDATA output file and writes a DATACARD format [\[Hyperlink\]](#) file.

The program PRDUTIL command TSDATA is used to read time series data from archived [\[Hyperlink\]](#) Processed Data Base files [\[Hyperlink\]](#) to get data at a shorter data time interval than that available from the USGS.

Station identifiers longer than 10 characters are truncated. The data precision is obtained from the TSDATA output with a maximum of 6 decimal places. If the first character of the data dimension code is 'C' then the dimension cubic (L3) is assumed; otherwise the default is the dimension length (L).

Program TS2OH can also read an existing DATACARD file, merge the data with a TSDATA output and write updated DATACARD file. The data values in the file must be in 1 column.

The format of the DATACARD file name is:

<stationid>.<datatype>.<begdate>.<enddate>.datacard

where stationid is the station identifier
datatype is the data type code
begdate is the beginning date of the data as YYYYMMDD
enddate is the ending date of the data as YYYYMMDD

For example:

ADAM4.STG.19960401.19960508.datacard

When files are being merged the new time series data values from the TSDATA output replaces time-matching old data values except when the new data is '**NONE**' (-999) at the beginning. For each run of the program the station-types must be unique in the TSDATA output and in the directory of files to be merged.

The program can only processes data with a data time interval of 1, 6, 12 or 24 hours:

- o if the data time interval is 24 or 12 then the first value of the report is for the period 12Z to 12Z and is referred to as 12Z
- o if the data time interval is 6 then the first value is for the period 12Z to 18Z and is referred to as 18Z
- o if the data time interval is 1 then the first value is for the period 12Z to 13Z and is referred to as 13Z

Program Execution Information

See Chapter I.2-UNIX-CALB [[Hyperlink](#)] for program execution information.