

IX.4-DATATYPE SYSTEM FILE DATATYPE

Purpose

File DATATYPE contains the attributes of the time series data types [[Hyperlink](#)] that can be stored in the Processed Data Base [[Hyperlink](#)].

Description

The records are ASCII text.

Records that have a '*' in column 1 are treated as comments.

Non-comment records have the following structure:

<u>Variable</u>	<u>Type</u>	<u>Dimension</u>	<u>Character Position</u>	<u>Description</u>
Record 1 for each data type:				
TYPE	A4	1	1-4	Data type code
DESC1	A20	1	6-25	Level 1 description
DESC2	A20	1	26-45	Level 2 description
DESC3	A20	1	46-65	Level 3 description
Record 2 for each data type:				
TYPE	A4	1	1-4	Data type code
DIMN	A4	1	6-9	Data dimension code
SPACE	A4	1	11-13	Space scale: 'A' = areal 'P' = point 'P/A' = point or areal
TIME	A4	1	16-19	Time code: 'ACCM' = accumulated 'MEAN' = mean average 'INST' = instantaneous
APPL	A4	1	21-24	Application code: 'CALB' = Calibration System only 'FCST' = Forecast System only 'BOTH' = Calibration and Forecast Systems
NVAL	I*4	1	26-27	Number of values per data time

<u>Variable</u>	<u>Type</u>	<u>Dimension</u>	<u>Character Position</u>	<u>Description</u>
				interval
DATA CD	A4	1	29-32	Indicator if data type can be stored in a DATACARD format file: 'YES' = can be stored 'NO' = cannot be stored

If APPL is 'FCST' or 'BOTH' then the next record is:

TYPE	A4	1	1-4	Data type code
			6-9	'FCST'
UNIT	A4	1	11-14	Units in which Forecast Component does computations
MISS	A4	1	16-19	Missing allowed indicator: 'YES' = missing allowed 'NO' = missing not allowed
WRTC	A4	1	21-24	Code for component that can write data type: 'PP' = Preprocessor 'FC' = Forecast
NADD	I*4	1	26-27	Number of words of additional information in time series header

If APPL is 'CALB' or 'BOTH' then the next record is:

TYPE	A4	1	1-4	Data type code
			5-9	'CALB'