

V.2.2 FORECAST COMPONENT DATA TYPE CODES

The type of data stored in each time series used by the Forecast Component is designated by a data type code. Associated with each data type code is a set of attributes. It is the attributes that are critical when selecting data types to be used with each Operation.

For each Operation described in Section V.3.3 there is a table specifying the attributes of the data type that must be used for each time series that provides input or is generated by the Operation. In some cases there are multiple data types with the same attributes so that the user can select a type that is most descriptive of the application.

The list of allowable data type codes for the Forecast Component are given in Table 4 in Chapter I.4-DATATYPE-TS [[Hyperlink](#)]. For each data type code the following information is given:

- o the data type code
- o the data type description
- o the dimension of the data type
- o the standard units of the data values used internally in the Forecast Component
- o the number of values in the time series per time interval
- o whether the time series is allowed to contain missing data values
- o the time scale of the data in the time series
- o the process code indicating which component can write the data type