

V.1 INTRODUCTION TO USER INFORMATION FOR FORECAST COMPONENT TIME SERIES, OPERATIONS AND RATING CURVES

Part V contains user information about the definition of time series, Operations and Rating Curves used by the Forecast Component.

Operations are the primary building blocks for simulations whether they are long period historical simulations as part of model calibration, short period simulations for operational forecasting or multiple simulations with likely future input to generate extended predictions. The Operations are defined in the order they are to be used. The ordered list of Operations is referred to as the Operations Table. The Operations Table allows the user specifies which Operations are used and the sequence in which they are used. Part VIII contains system documentation for each Operation and instructions on how to add a new Operation.

Time series are used to store the data needed by Operations. The time series to be used in a simulation are identified prior to defining the Operations so that the input routines for the Operations can check to make sure that all needed time series exist and have the proper attributes.

Rating Curves are used by some Operations to make stage-discharge conversions. In addition, the Rating Curve definition contains general information about the flow-point that is used by display Operations. Rating Curves must be defined before being used in an Operation.

Chapter V.2 contains the information needed to define time series.

Chapter V.3 contains the information needed to define Operations and includes:

- o a general input summary for defining Operations
- o a list of all available Operations
- o a description and input summary for each Operation

Chapter V.4 contains the information needed to define Rating Curves.