4.1.1 ESPTrace Manager

The ESPTrace Manager displays an initial list of Forecast Groups and Segments available for analysis in ESPADP.

A plus sign (+) appearing next to the name of the Forecast Group indicates that this group contains Segments which contain ESP time series. ESPADP uses the *.Apps_defaults* token *espts_dir* to locate ESP time series. File ending in *CS* or *HS* in the *espts_dir* are assumed to be binary format ESP V1.01 output. Files ending in *OBS* are assumed to be historical observed DATACARD format.

A scroll bar allows the user to access Forecast Group names extending below the field of view within the ESPTrace Manager. The user can **scroll down** either with the mouse or with the arrow keys on the keyboard. A single click of the left mouse button provides information on the selected Forecast Group or Segment in the Trace Information Display area. Additionally, the list expands, displaying a list of Segments within a Forecast Group if a Forecast Group is selected, or will open up a list of available traces if a Segment is selected. Double-clicking the left mouse button or hitting the enter key will launch a trace display when clicking on a trace. Again, a + next to the name of a Segment indicates the availability of time series for a Segment.

The *Trace Information Window*, just below the ESPTrace Manager, displays information about the selected Forecast Group, Segment, or trace ensemble. Information about the Forecast Group includes the Forecast Group name and carryover group name. Information about a Segment includes the information about its Forecast Group, in addition to the Segment name. Information available for trace ensembles includes the creation date, the forecast start date and time, the forecast end date and time, the historical years of data available and the available time series (CS, HS and/or OBS).

Trace ensembles which are displayed under Segment names conform to the following format:

SEGMENT.LOCATION.DATATYPE.INTERVAL

For example, NEWI4SAC.NEWI4SAC.SSTG.06 represents a trace ensemble containing six hourly stage data for Segment NEWI4SAC. This trace ensemble may contain a conditional simulation, a historical simulation and observed data. A **double mouse click** on a trace ensemble will launch an independent trace display containing the available time series. The trace display is discussed in detail in Section 4.2.

Options
There are no user options for the ESPTrace Manager or Trace Information Window displays.

User Notes
Single clicking on an open Segment or Forecast Group will close the respective listing. The trace ensemble information provided in the Trace Information Window is taken from the trace ensemble header written by ESP.