How to	Source - Prepare Evaporation data for Source RO
Description	Create short term forecast and combine with observed and outlook
Comments	Please be aware that the screenshots may deviate slightly from the application
version	2016-01

Climate (Evaporation) are location based time series, created by merging 3 types of data:

- Observations (OPO)
- Long term forecast, based on a yearly pattern for 3 different regions (upper, middle and lower).
- Modifiers defined by the user, for example to represent a heatwave

To create the evaporation data:

1. Run the workflow to combine the available observations and long term forecast
2. Analyse recent temperature recordings for all locations in the *Plot overview* and the *Plots* display, to determine if a modifier is required for any of the 3 regions.
3. Modify (the short term forecast in) the resulting combined time series for each of the 3 regions as required (in the *Modifiers* display). The modifiers are multiplied with the EVAP time series.
    a. By default the modifier time series has a length of 2 weeks. This can be adjusted with the *start and end time*.
    b. The time series can be modified with different *Operations*:
        i. Time series: edit each time step separately
        ii. Add, Subtract, Multiply, Divide, Replace: define fixed value that is applied accordingly on the modifiers time series for the period between the user defined start and end time.
        iii. Missing: to set the modifier to missing for the period between the user defined start and end time. (Don't use this option)
        iv. Ignore time series: (Don't use this option)
    c. Modifiers can be applied per region, or for multiple regions simultaneously.
4. *Apply* modifiers and *Re-run* the workflow