

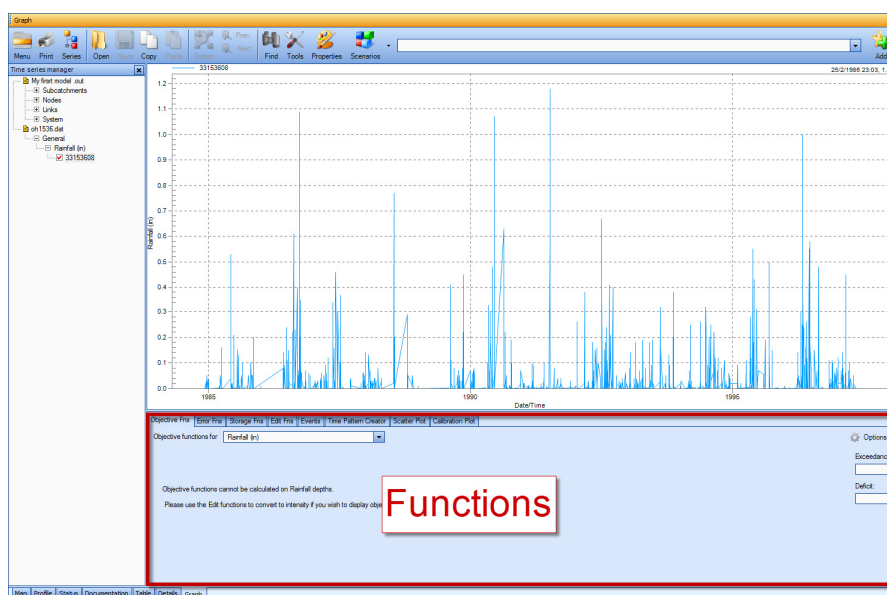
### H3 - Creating an events file using an observed rainfall hyetograph

This how-to page reviews how to define an events file. Events can be used for calibration using the SRTC tool and event analysis.



1. Open the **Graph** panel in PCSWMM and check if the **Functions** panel is displayed.
2. If functions window does not appear at the bottom of the graph plot click the **Menu** button




in the **Graph** panel and select **Show functions**.



3. In your graph panel plot the observed rainfall hyetograph.

**Note:** If the time series manager is not being displayed click on the **Series**  button. You can also choose if you want to have the time series manager floating or docked by clicking on the **Dock**  button.

4. Click on the Events tab and click on the **Options**  button in the events tab and select Auto-Select events; for the min interevent time select how many hour (we generally have used 12 h in past calibration projects), also put in your event threshold and how far you want to extend your events.

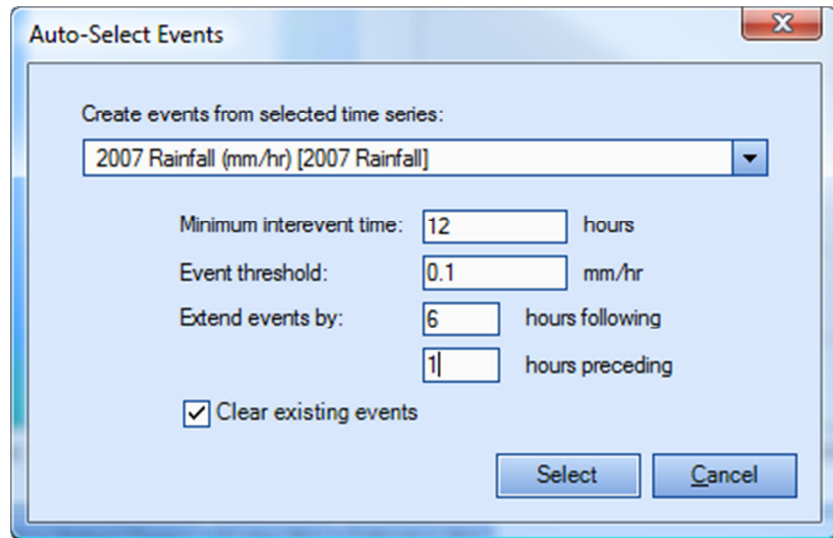



Figure 1 - Auto-Select events window

5. Events can also be added manually. To add your own events right click and hold at the beginning of the event and drag until the end of the event and then click on the **Add**  button located in the events tab. This will add that event to your list of events.

Once the events have been added you can manually change the start and stop times for each event.

Last updated: November 10, 2011

Version: 4.3