



How to	Plots display and Table View
Description	Step by step description of how to perform a specific task in ROWS.
Comments	The <i>italic</i> phrases correspond to the red markings in the screenshots. Please be aware that the screenshots may deviate slightly from the application
version	2015-02



The *Plots* display offers graphical representation of scalar time series data. It is always available in the Explorer tabs, more displays can be opened from the Explorer toolbar or Tools menu.



To view one or more time series of observed data:

- Select the filter in the left hand list box of the *Data Viewer display* which contains the parameters/locations to be viewed.
- Choose a location in the *Map display* by clicking on the icon.
Alternatively select the locations from the list of locations in the list box on the left hand side
- Select a parameter from the list of parameters available at that location. If the parameter name is grayed out this parameter is not available at that location.
Note: Multiple location/parameter selections can be made using the <CTRL> or <SHIFT> key when selecting.
- Select the *Plots* tab  to create a plot of the selected location and parameter combination.
Note 'new' plots (named Plots 1, 2 etc.) can be 'locked'  while the main Plots window will keep updating with new selections.

Shortcuts with the mouse:

Scroll wheel	Zoom in and out
Right mouse button (click)	Context menu (e.g. copy to clipboard)
Right mouse button (hold down)	Pan, works in Plots, Spatial and Map

The Plots display toolbar offers many options, with even more in the drop down list of the buttons.



Some important Buttons

	Show/hide table		Undo changes
	Show/hide Thresholds and labels		Save changes
	Show/hide Rating Curves		Go to edit mode
	Pivot plot and table		Create modifiers
	Zoom out to full length		Show previous forecasts
	Toggle elevation/unit		Show/hide time serie
	Adjust display time		

The show / hide graph button contains additional features in a drop-down list.

	Toggle graph	Ctrl+G
	Scale to show unreliable data	Ctrl+U
	Show data labels	Ctrl+D
	Toggle Filter and Shortcuts	Ctrl+Shift+G
	hide unreliaables	Ctrl+Shift+H
	Show legend at vertical axis	Ctrl+J
	Show legend at horizontal axis	Ctrl+K
	Hide legend	Ctrl+O
	No thresholds	Ctrl+1
	Scale to show relevant thresholds	Ctrl+2
	Scale to show all thresholds	Ctrl+3
	Validation	Ctrl+Alt+V
	Users	Ctrl+Alt+U
	Comments	Ctrl+Alt+C

In this list it is possible to adjust the scaling of the graph to include unreliable data . Clean the unreliable data from the graph by selecting the option to hide unreliable data .

Other features in this list include the options to show validation flags, user comments and the user that edited the data.



Table View in Plots shows the exact times and values of the time series in the graph. Colors in table header correspond to colors in graph

Date color	Meaning	Table font	
Green	first data value at start of day	Black	Original data
Light blue	historical data before System time	Dark blue	Modified data
Dark blue	forecast data after System time	Magenta	Manual entered data
	09-04-2014 08:00 54.298 MAN Corrected flag	Dark blue	Edited (corrected) data
	10-04-2014 08:00 55.540 ROR	bold	Modified flag of data
	11-04-2014 08:00 55.541 Modified		
	12-04-2014 08:00 55.500 Manual Entry		
	13-04-2014 08:00 55.297 Manual Entry		
	14-04-2014 08:00 54.296 ROF		
	15-04-2014 08:00 54.298 Corrected value		