Main Interface Description

Required Parameters

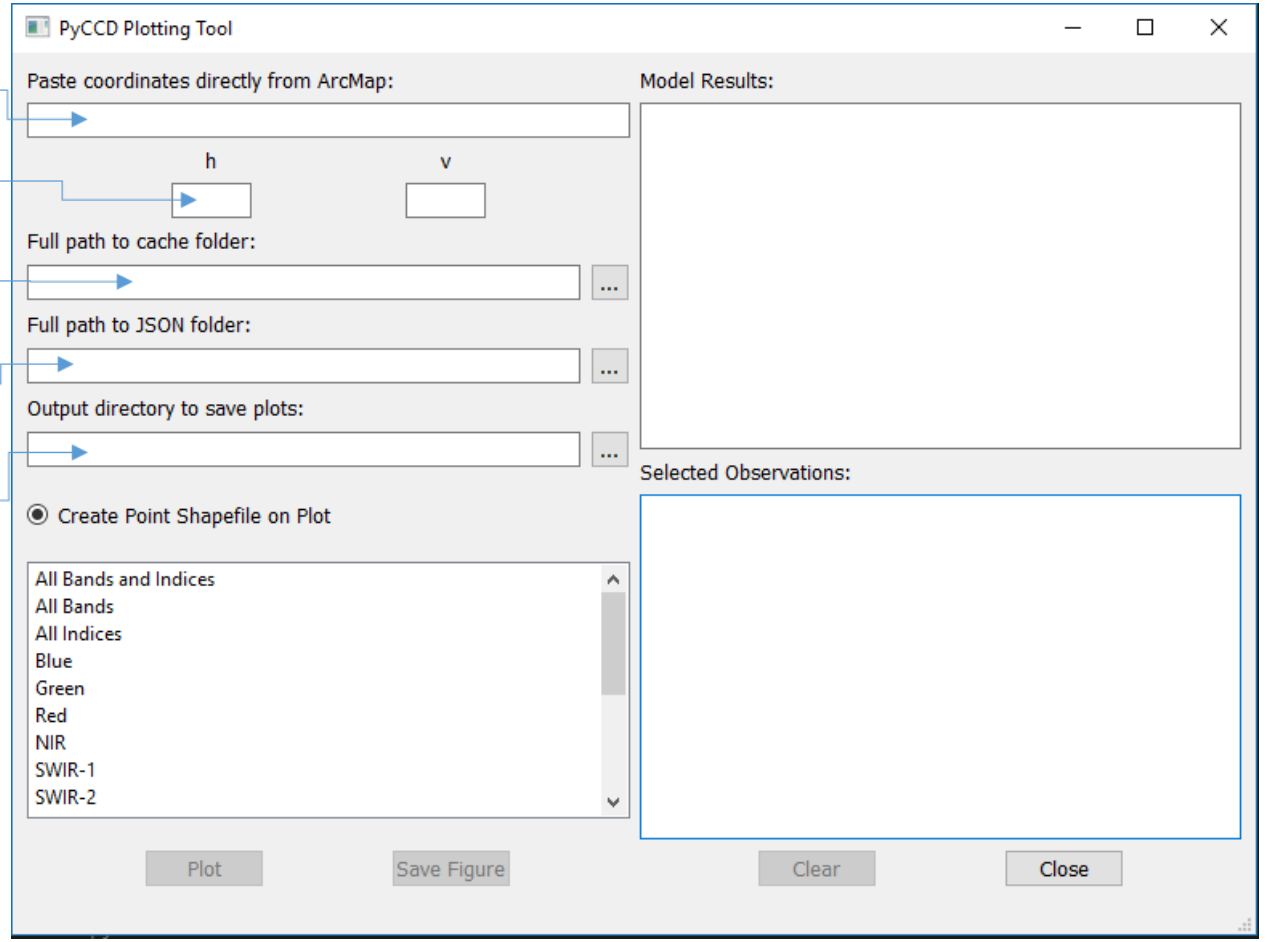
Enter the pixel coordinates where time series data will be obtained

Enter the H and V for the ARD-tile that contains the entered pixel coordinates

Enter the full path to the location of the ARD-tile cache files.

Enter the full path to the location of the ARD-tile .json files

Enter the full path to the directory where plot figures and shapefiles will be saved



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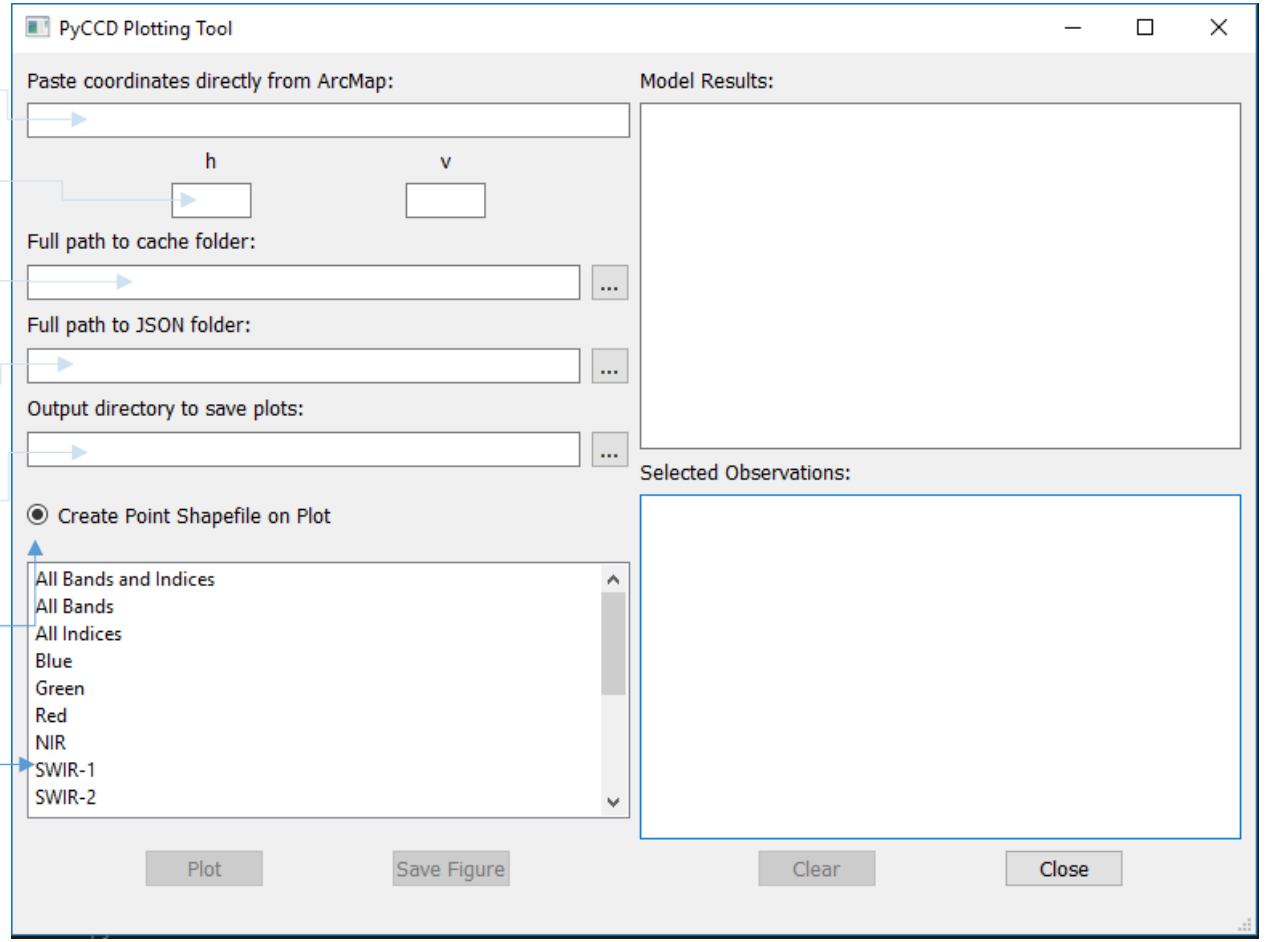
Additional Options

Toggle on/off to create an ESRI point shapefile each time “Plot” is clicked

Select which bands and indices to plot “All Bands and Indices” is default option



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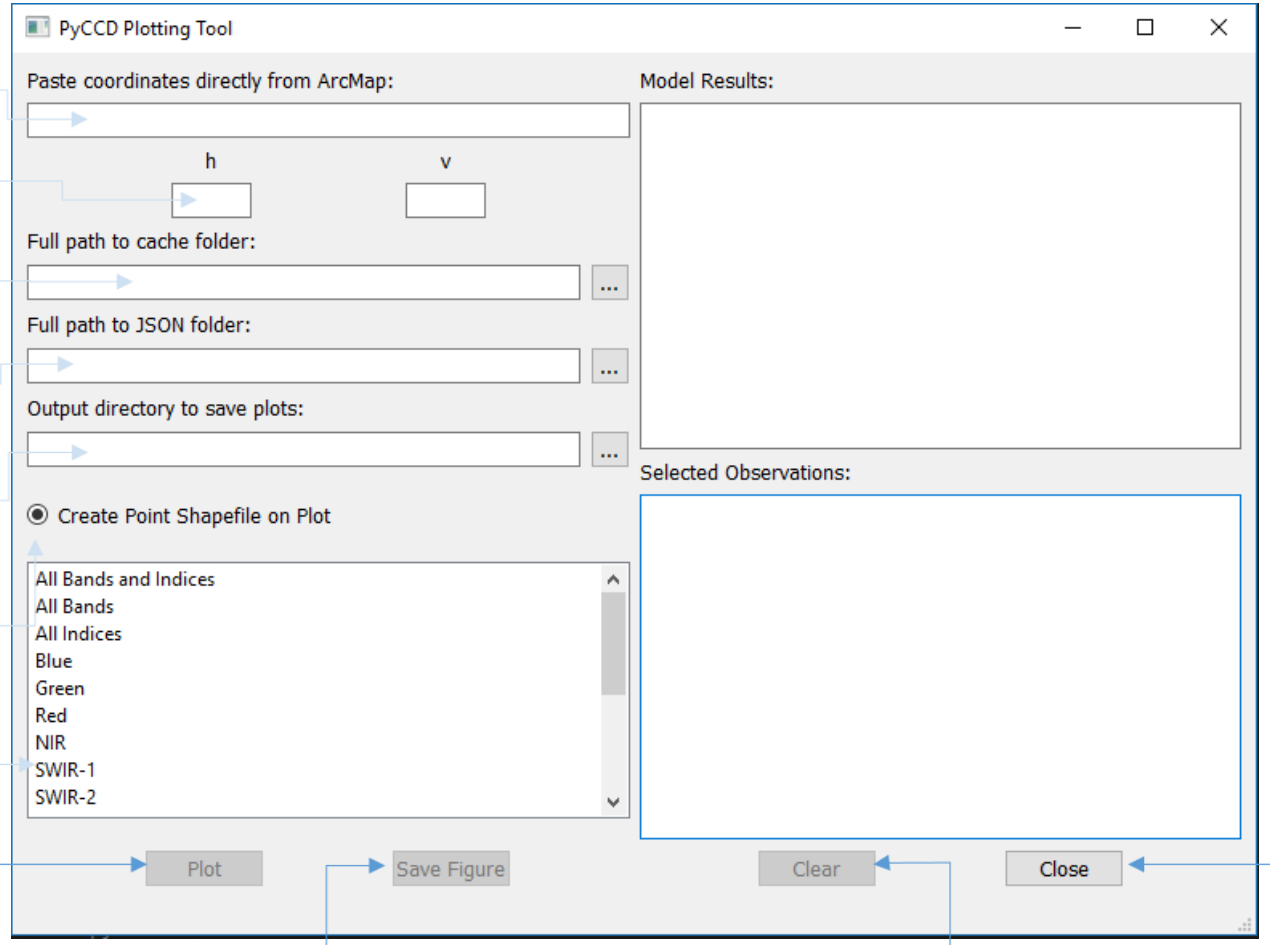

Controls

Plot: Activate the plotting and display the interactive plot figure. Closes the current figure if one is open.

Save Figure: Save the current figure to a .png

Clear: Clear the selected observations

Close: Exit out of the GUI and close the plot figure if it is open

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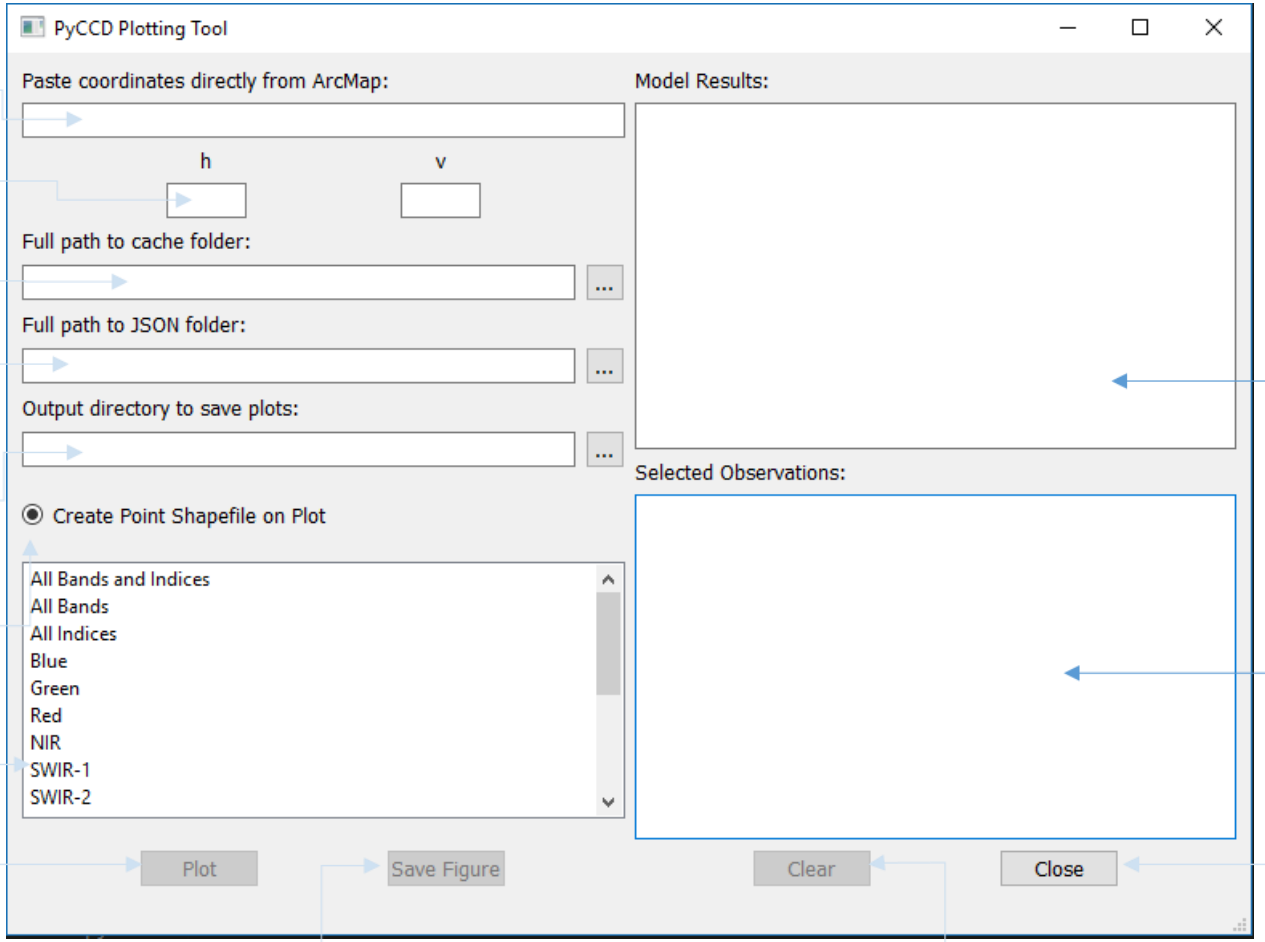


Output

Model Results: Parameters for each of the time-series segments at the given coordinate are displayed

Selected Observations: Each observation point clicked on the plot figure will be displayed here along with its band or index value, date of acquisition, and scene identifier

Controls

Plot: Activate the plotting and display the interactive plot figure. Closes the current figure if one is open.

Save Figure: Save the current figure to a .png

Clear: Clear the selected observations

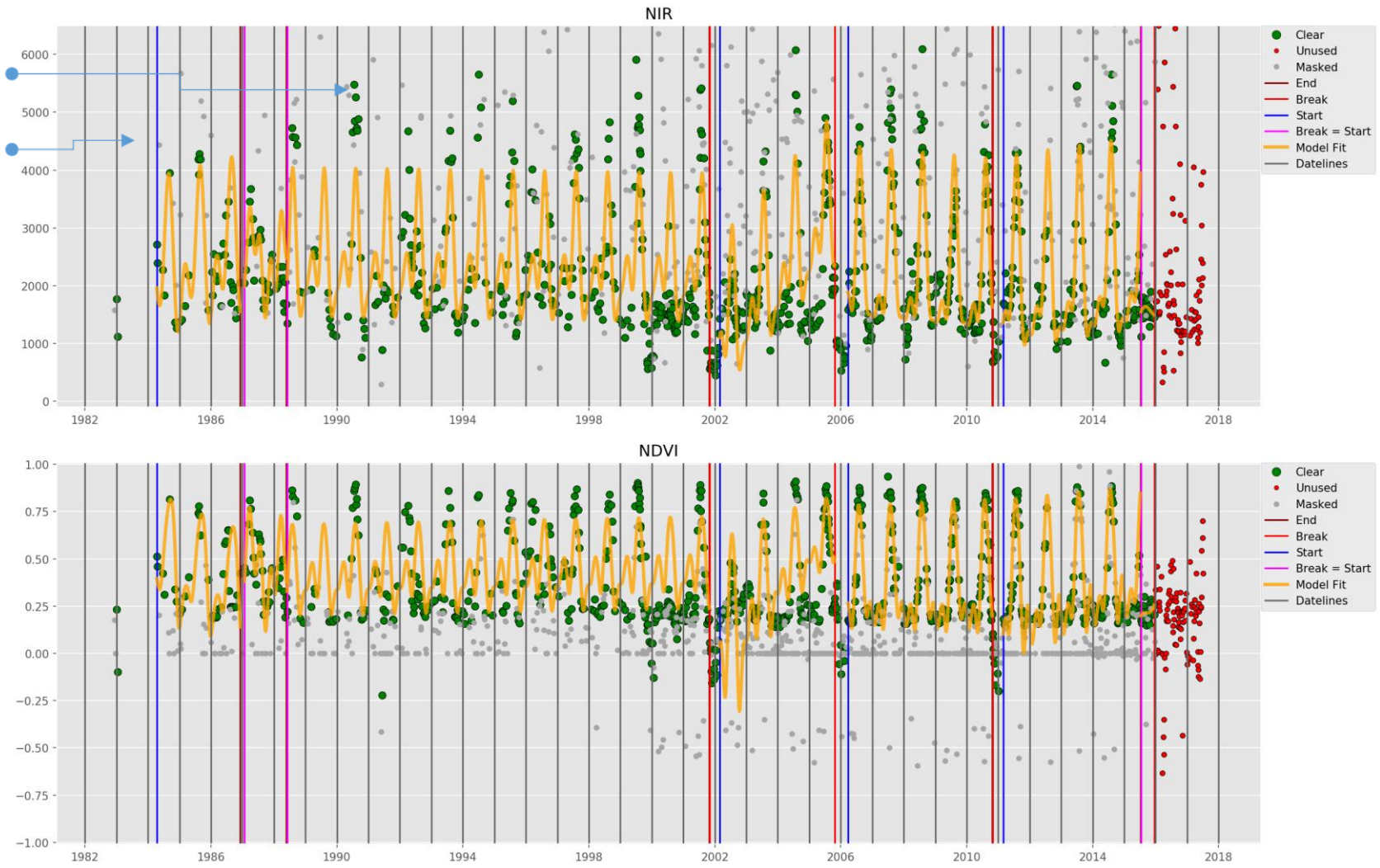
Close: Exit out of the GUI and close the plot figure if it is open

Plotting Window Description

ARD Observations

Click observations to display acquisition date, scene identifier, and band/index value in the GUI.

Hover the mouse cursor in any subplot to display x/y plot values.



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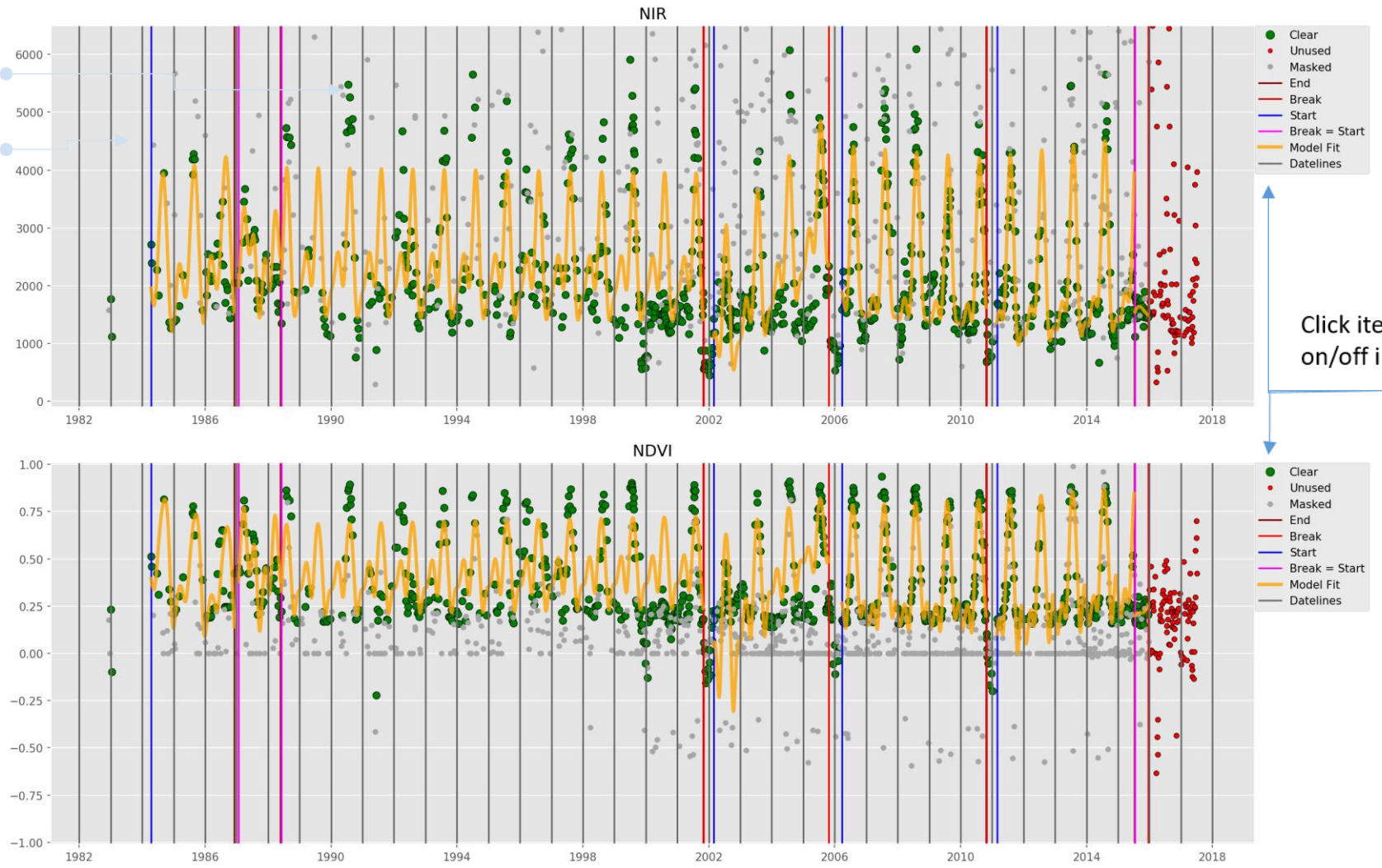

Interactive Legends

Click items in legend to toggle on/off in the corresponding plot