

To use the detector alarm analysis,

Step 1: Go to SCATS Log and choose the: starting and ending dates, make sure to have the checks related to “Concurrent alarms”, “Parkdates”, “Plan data”, “Record category”, “Export CSV”. Also, click on the filter button and make sure all checks are there as shown in the figure and hit Ok. Finally, click on Play and save the data on your device.

The screenshot shows the SCATS Log application window. The 'From' date is set to Tuesday, August 17, 2021, and the 'To' date is Wednesday, August 18, 2021. The 'Period' is set to 00:00 to 24:00. The 'Show' section has several checkboxes: 'Concurrent alarms' (checked), 'Duplicate events' (unchecked), 'Record category' (checked), 'Record type' (checked), 'Parked sites' (checked), 'Test sites' (unchecked), 'Plan data' (checked), 'Bad records (0)' (unchecked), 'No local cache' (unchecked), and 'Export CSV' (checked). The 'Filter' button is highlighted with a blue arrow. The 'Filter' dialog box is open on the right, showing various event categories and their checkboxes. The 'Origin' section includes 'Central Manager', 'Fire Services', 'Incident plan', 'ITS', 'Operator', 'RPC', 'Scheduler', 'System', 'Variation routine', and 'Other'. The 'Type' section includes 'Alarm cancel', 'Dwells', 'Incident plan', 'Lamps', 'Locks and trims', 'Route preemption', 'Site pictures', and 'Other'. The 'Other events' section includes 'Access control', 'Action list errors', 'Bad data', 'Controller log', 'Controller MSS', 'Controller XSF', 'Day summary', 'Disk space', 'External', 'Fallback', 'Hourly summary', 'Increment failure', 'ITS/region', 'Lamp dim levels', 'Lamp faults', 'Messages', 'Network sites', 'Ping responses', 'RAM update', 'Ramp metering', 'Region comms', 'Region watchdog', 'SI faults', and 'Site comms'. The 'Site events' section includes 'BD', 'BO', 'CA', 'CE', 'CF', 'CK', 'DA', 'DW', 'DZ', 'FB', 'FL', 'FY', 'GT', 'GW', 'IH', 'IR', 'IV', 'LC', 'LF', 'LM', 'NC', 'NF', 'OD', 'PE', and 'PF'. The 'Source' section includes 'Manager', 'NJR001', 'NJR018', 'NJR073', 'NJR130', and '[Other]'. The 'Filter' dialog box also has a 'Containing text' section with 'and', 'or', and 'no String 2' options. The 'Selected sites' and 'Ignored sites' sections have 'Enable' checkboxes and 'Load from file' buttons. The 'Load...' and 'Save...' buttons are at the bottom left, and the 'Apply', 'OK', and 'Cancel' buttons are at the bottom right.

Click on Filter button to see the window in the right

Choose the starting date and ending dates (i.e., ending date is the date before today)

Make sure to have the following checks

Make sure everything is checked as the following

Finally hit play and save the file on your device

Step 2: Go to the following website [Link](#), and Go to the Tab called “Detector Alarms”, and choose the SCATS log file you downloaded from the previous step. Finally, click the “Download” button

The screenshot shows the SCATS Data Manager web application. At the top, it says 'SCATS Data Manager' and 'Developed by Abdullah Shabarek'. Below this is a list of menu items: 'MX Value Analysis', 'Detector Alarms', 'Degree of Saturation Analysis', and 'Resources and Instructions'. A blue box highlights 'Detector Alarms', with a blue arrow pointing to the text 'Go to the "Detector Alarms" tab'. Below the menu is the 'Detector Alarms' section, which has a yellow box around it. Inside this box is the text 'Choose SCATS Log file from a directory', a 'Browse...' button, and a text field showing 'No file selected'. A yellow arrow points from the text 'Choose the file you downloaded from SCATS Log in the previous step' to the text field. Below the yellow box is a 'Download' button with a download icon, which is highlighted by a red box. To the right of this box is the text 'Click the "Download" Button'.

SCATS Data Manager

Developed by Abdullah Shabarek

- ⌚ MX Value Analysis
- ⚙️ **Detector Alarms**
- 📊 Degree of Saturation Analysis
- 📄 Resources and Instructions

Go to the "Detector Alarms" tab

Detector Alarms

Choose the file you downloaded from SCATS Log in the previous step

Choose SCATS Log file from a directory

Browse... No file selected

Download

Click the "Download" Button