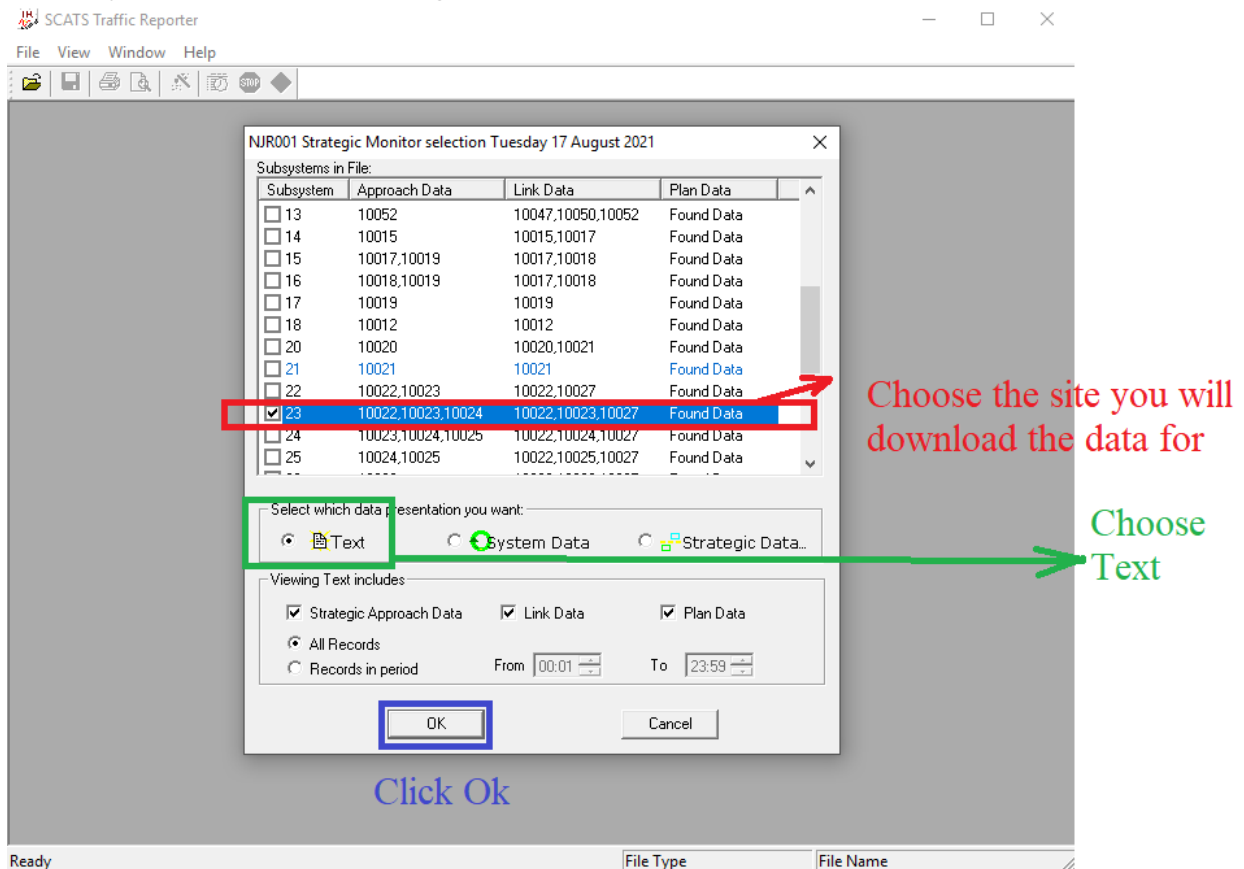


To use the Degree of Saturation Analysis feature:

Step1: From Traffic Reporter Choose the following options for each site you want to analyze as shown in the figure below:



Step2: A window will show up as shown in the figure below. Choose the date you want to analyze. Click save and save the file on your device.

SCATS Traffic Reporter - [NJR001 Strategic Monitor data Tuesday 17 August 2021]

File View Window Help

Click Save

The Date

Tuesday 17-August-2021 00:00 SS 15 PL 4.3 PV 0.4 CT 90 +0 RL 90 SA 62 DS 27

Int	SA/LK	PH	PT!	DS	VO	VK!	DS	VO	VK!	DS	VO	VK!	DS	VO	VK!	ADS
10017	SA 60	2	97!	4	2	2!	16	5	6!	-	-	-!	-	-	-!	14
10017	SA 61 ^	4	0!	0	0	0!	0	0	0!	0	0	0!	-	-	-!	15
10017	SA 62	6	97!	9	5	5!	27	12	11!	8	3	3!	-	-	-!	24
10017	SA 63 ^	8	0!	0	0	0!	0	0	0!	0	0	0!	-	-	-!	13
10019	SA 73	6	67!	8	3	3!	10	5	4!	0	0	0!	-	-	-!	11
10017	SA 75	2	97!	5	2	2!	2	1	1!	-	-	-!	-	-	-!	4
10017	SA 76	2	97!	13	6	6!	13	7	7!	6	3	3!	-	-	-!	13
10018	LK 29	6	97!	4	2	2!	20	6	7!	0	0	0!	-	-	-!	300
10017	LK 30	6	97!	9	5	5!	27	12	11!	8	3	3!	-	-	-!	620

A=<78> B=22

Tuesday 17-August-2021 00:02 SS 15 PL 4.3 PV 0.3 CT 90 +0 RL 90 SA 60 DS 18

Int	SA/LK	PH	PT!	DS	VO	VK!	DS	VO	VK!	DS	VO	VK!	DS	VO	VK!	ADS
10017	SA 60	2	89!	6	3	3!	18	7	7!	-	-	-!	-	-	-!	15
10017	SA 61 ^	4	0!	0	0	0!	0	0	0!	0	0	0!	-	-	-!	10
10017	SA 62	6	89!	13	7	6!	10	5	4!	0	0	0!	-	-	-!	20
10017	SA 63 ^	8	0!	0	0	0!	0	0	0!	0	0	0!	-	-	-!	0
10019	SA 73	6	114!	5	3	3!	8	6	6!	3	2	2!	-	-	-!	10
10017	SA 75	2	89!	11	5	4!	0	0	0!	-	-	-!	-	-	-!	7
10017	SA 76	2	89!	0	0	0!	0	0	0!	0	0	0!	-	-	-!	7
10018	LK 29	6	89!	6	3	3!	20	7	7!	14	5	4!	-	-	-!	420
10017	LK 30	6	89!	13	7	6!	10	5	4!	0	0	0!	-	-	-!	520

A=<78> B=22

Tuesday 17-August-2021 00:03 SS 15 PL 4.3 PV 0.3 CT 90 +0 RL 90 SA 62 DS 10

Int	SA/LK	PH	PT!	DS	VO	VK!	DS	VO	VK!	DS	VO	VK!	DS	VO	VK!	ADS
10017	SA 60	2	65!	0	0	0!	8	3	2!	-	-	-!	-	-	-!	13
10017	SA 61 ^	4	13!	0	0	0!	0	0	0!	0	0	0!	-	-	-!	0
10017	SA 62	6	65!	0	0	0!	10	3	3!	0	0	0!	-	-	-!	15
10017	SA 63 ^	8	13!	49	3	2!	31	2	1!	0	0	0!	-	-	-!	22
10019	SA 73	6	48!	0	0	0!	10	4	3!	0	0	0!	-	-	-!	10
10017	SA 75	2	65!	0	0	0!	0	0	0!	-	-	-!	-	-	-!	5
10017	SA 76	2	65!	0	0	0!	0	0	0!	0	0	0!	-	-	-!	3
10018	LK 29	6	65!	0	0	0!	8	3	2!	0	0	0!	-	-	-!	300
10017	LK 30	6	65!	0	0	0!	10	3	3!	0	0	0!	-	-	-!	360

A=<78> B=22

Tuesday 17-August-2021 00:05 SS 15 PL 4.3 PV 0.3 CT 90 +0 RL 90 SA 60 DS 22

Int	SA/LK	PH	PT!	DS	VO	VK!	DS	VO	VK!	DS	VO	VK!	DS	VO	VK!	ADS
10017	SA 60	2	72!	9	4	3!	22	7	6!	-	-	-!	-	-	-!	17
10017	SA 61 ^	4	15!	47	3	3!	24	2	1!	0	0	0!	-	-	-!	21
10017	SA 62	6	72!	11	5	4!	16	6	5!	10	3	3!	-	-	-!	13
10017	SA 63 ^	8	15!	40	2	2!	68	3	3!	38	3	2!	-	-	-!	47

Ready Strategic Monitor NJR001_20210817.sm

Step 3: Go to the following website [Link](#), and Go to the Tab called “Degree of Saturation Analysis”, and choose all the file you downloaded for multiple sites and multiple dates after repeating step1&2 on multiple sites and dates. Choose the Route you are analyzing from the dropdown menu. Click Previous to see the heatmap on the website or click download to download the data to your device, as shown in the figure below:

SCATS Data Manager
Developed by Abdullah Shabarek

- MX Value Analysis
- Detector Alarms
- Degree of Saturation Analysis** → Choose the Degree of Saturation Analysis tab
- Resources and Instructions

Degree of Saturation Analysis Choose the Route name we want to analyze

Route Name: US-1

Choose SCATS Strategic Monitor files from a directory

Browse... 96 files Upload complete

Preview Download

To Preview Heatmap

To Download the data

Choose all the files downloaded from Traffic Reporter

Color Key and Histogram

Count

Column Z-Score

Heatmap visualization showing data for multiple sites (site#10022 to site#10034) across various columns (1 to 168).