



Melbourne Traffic & Freight Intelligence Brief

SCATS + TIRTL Open Data Update

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SCATS 08/04/2026 to 11/06/2026 | TIRTL 23/05/2026 to 11/06/2026

Source: DTP Open Data

Status: automated monthly brief

Review: location names checked before publication

SCATS



TIRTL



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EXECUTIVE SUMMARY

Spotswood Trailers turns Department of Transport and Planning open data into rapid, media-ready intelligence on Melbourne's roads and freight network. This monthly brief combines SCATS traffic signal data and TIRTL classified vehicle data to identify high-volume locations, truck hotspots and emerging changes that may warrant closer review.

MEDIA ANGLE

Fresh DTP open data can now be turned into same-day traffic and freight intelligence, highlighting high-volume signal sites, truck-heavy corridors and emerging movement changes.

SCATS MOVEMENTS

9,150,385,906

traffic signal movements

SCATS SITES

4,612

signal locations

TIRTL VEHICLES

326,221,559

classified vehicle movements

TIRTL TRUCKS

48,091,153

heavy vehicle movements

TRUCK SHARE

14.7%

of TIRTL classified volume

BUSIEST SCATS SITE

EASTERN Freeway OFF RAMP / HODDLE - Abbotsford

10,965,389

vehicle movements in the current SCATS update window

STRONGEST SCATS UPLIFT

MIDLAND Highway / ARCHER - Shepparton

145,428 / day

filtered first-week versus latest-week movement increase

HEAVIEST TIRTL TRUCK LOCATION

PFW 125m East of Kororoit Creek Road (OB) (westbound) - ALTONA NORTH

412,246

truck movements in the current TIRTL update window

HIGHEST TRUCK-SHARE HOTSPOT

Dohertys Rd (WB) (westbound) - ALTONA NORTH

34.2%

truck share at a meaningful-volume TIRTL site

SCATS: busiest locations and strongest movement changes

SCATS data is summarised by named traffic signal sites. Tables below use the current update window and show top locations by total movement and filtered first-week versus latest-week changes. Site IDs and location names are clickable map links where coordinates are available.

LOCATION MAP

SCATS table locations

Zoomed to Melbourne-area SCATS rows for readability; regional rows remain listed and clickable.

Markers show rows with coordinates. Markers correspond to table ranking numbers.

Open first mapped point in Google Maps

Busiest SCATS locations

Named signal sites ranked by total movements in the current update window.

#	SCATS ID	Location	Suburb	Total	Avg/day
1	3380	EASTERN Freeway OFF RAMP / HODDLE - Abbotsford	Abbotsford	10,965,389	168,698
2	4035	Burke / Barkers / Mont Albert - Hawthorn East	Hawthorn East	10,596,976	163,030
3	4415	PRINCES near CANNING - Carlton	Carlton	9,653,653	148,518
4	3376	HODDLE near STUDLEY (NORTHBOUND) - Collingwood	Collingwood	9,188,206	141,357
5	3393	Punt / Swan - Richmond	Richmond	9,129,217	140,449
6	849	Canterbury / Mitcham / Boronia - Vermont	Vermont	8,959,581	137,840
7	1197	Kororoit / Ferguson - Williamstown	Williamstown	8,390,464	129,084
8	2487	Princes Highway East near IRVING (LANSDOWNE) - St Kilda East	St Kilda East	8,378,427	128,899
9	2843	Monash / Toorak / Auburn - Hawthorn	Hawthorn	8,327,006	128,108
10	1359	Warrigal / Links Estate Access - Bentleigh East	Bentleigh East	8,182,696	125,888

Strongest filtered SCATS uplift

Filtered change candidates. These should be reviewed before making public claims about cause.

#	SCATS ID	Location	Suburb	First 7	Latest 7	Increase/day	Change
1	6094	MIDLAND Highway / ARCHER - Shepparton	Shepparton	25,298	170,725	145,428	574.9%
2	4254	Francis / Wembley - Yarraville	Yarraville	10,221	60,402	50,181	490.9%
3	544	BLACKBURN near MATTHEW - Mount Waverley	Mount Waverley	21,496	57,958	36,463	169.6%
4	2929	King Street / Flinders Street - Melbourne	Melbourne	50,495	82,347	31,852	63.1%
5	3317	SCATS site 3317 - Heidelberg	Heidelberg	23,699	52,984	29,285	123.6%
6	5871	SCATS site 5871		61,612	88,107	26,495	43.0%

TIRTl: truck volumes and truck-share hotspots

TIRTl classified vehicle data is summarised by source site and heading. These tables highlight large truck volumes and locations where trucks form a high share of meaningful traffic. Site IDs and location names are clickable map links where coordinates are available.

LOCATION MAP

TIRTl table locations

Shows named TIRTl source-site and heading rows from the tables on this page.

Markers show rows with coordinates. Markers correspond to table ranking numbers.

Open first mapped point in Google Maps

Heaviest TIRTl truck sites/headings

Named source-site and heading combinations ranked by truck movements.

#	TIRTl ID	Location	Suburb	Vehicles	Trucks	Truck share
1	336 W	PFW 125m East of Kororoit Creek Road (OB) (westbound) - ALTONA NORTH	ALTONA NORTH	1,354,166	412,246	30.4%
2	167 E	M1 Outbound - CH 18380 (eastbound) - MOUNT WAVERLEY	MOUNT WAVERLEY	1,999,967	332,387	16.6%
3	173 E	M1 Outbound - CH 19890 (eastbound) - MOUNT WAVERLEY	MOUNT WAVERLEY	1,996,689	327,825	16.4%
4	107 E	M80 Outbound - Keilor park off ramp (EB) (eastbound) - KEILOR EAST	KEILOR EAST	1,802,557	319,845	17.7%
5	166 W	M1 Inbound - CH 18380 (westbound) - MOUNT WAVERLEY	MOUNT WAVERLEY	1,918,197	319,125	16.6%
6	581 W	M1 Monash Fwy - Stanley Inbound (westbound) - MOUNT WAVERLEY	MOUNT WAVERLEY	1,922,374	317,951	16.5%
7	580 E	M1 Monash Hwy - Stanley Outbound (eastbound) - MOUNT WAVERLEY	MOUNT WAVERLEY	2,002,941	315,469	15.8%
8	172 W	M1 Inbound - CH 19890 (westbound) - MOUNT WAVERLEY	MOUNT WAVERLEY	1,855,561	314,337	16.9%
9	148 W	M1 Inbound - CH 17390 (westbound) - MOUNT WAVERLEY	MOUNT WAVERLEY	1,793,029	311,495	17.4%
10	189 E	M1 Outbound - CH 23810 (eastbound) - WHEELERS HILL	WHEELERS HILL	1,862,679	310,146	16.6%

Highest truck-share hotspots

Top 8 filtered locations where trucks represent a large share of traffic volume. Full table available in supporting CSVs.

#	TIRTl ID	Location	Suburb	Vehicles	Trucks	Truck share
1	264 W	Dohertys Rd (WB) (westbound) - ALTONA NORTH	ALTONA NORTH	168,440	57,653	34.2%
2	314 W	PFW 240m East of Duncans Road (OB) (westbound) - WERRIBEE SOUTH	WERRIBEE SOUTH	763,727	248,566	32.5%
3	263 E	Dohertys Rd (EB) (eastbound) - ALTONA NORTH	ALTONA NORTH	191,370	61,186	32.0%
4	336 W	PFW 125m East of Kororoit Creek Road (OB) (westbound) - ALTONA NORTH	ALTONA NORTH	1,354,166	412,246	30.4%
5	255 N	Fitzgerald Rd and Federation trail (NB) (northbound) - LAVERTON NORTH	LAVERTON NORTH	174,586	44,990	25.8%
6	261 N	Grieve Pde (NB) (northbound) - ALTONA NORTH	ALTONA NORTH	121,378	30,044	24.8%
7	256 S	Fitzgerald Rd and Federation trail (SB) (southbound) - LAVERTON NORTH	LAVERTON NORTH	153,983	37,154	24.1%
8	312 E	PFW 125m East of Kororoit Creek Road (IB) (eastbound) - LAVERTON NORTH	LAVERTON NORTH	1,297,120	308,892	23.8%

Watchlist and responsible-use notes

Watchlist rows are designed for rapid review. They are useful story leads, but should not be treated as automatic proof of causation.

Watchlist only - not a claim of cause

SCATS activation / anomaly candidates

Low or missing baseline sites with meaningful latest-week volumes.

#	SCATS ID	Location	Suburb	First seen	Last seen	Days	Latest 7 avg
1	6405	SCATS site 6405 - Horsham	Horsham	08/04/2026	11/06/2026	65	31,089
2	32196	SCATS site 32196		19/05/2026	11/06/2026	24	26,535
3	32056	SCATS site 32056		16/04/2026	11/06/2026	56	25,744
4	5484	SCATS site 5484		10/06/2026	11/06/2026	2	25,188
5	32260	SCATS site 32260		29/05/2026	11/06/2026	14	25,153

TIRTL real truck uplift candidates

First-week versus latest-week truck movement changes.

#	TIRTL ID	Location	Suburb	First 7 trucks	Latest 7 trucks	Increase/day	Change
1	170 W	M1 Inbound - CH 19450 (westbound) - MOUNT WAVERLEY	MOUNT WAVERLEY	10,149	12,521	2,372	23.4%
2	222 E	M1 Outbound - CH 25400 (eastbound) - MULGRAVE	MULGRAVE	9,851	12,219	2,367	24.0%
3	58 W	M1 Inbound - Pakenham Rail Bridge (westbound) - NARRE WARREN	NARRE WARREN	2,461	4,108	1,647	66.9%
4	192 E	M1 Outbound - CH 24900 (eastbound) - MULGRAVE	MULGRAVE	9,459	10,732	1,274	13.5%
5	133 N	Tullamarine FWY Outbound - Before M80 Exit (NB) (northbound) - STRATHMORE HEIGHTS	STRATHMORE HEIGHTS	5,958	7,228	1,270	21.3%

Method

The pipeline downloads the latest DTP open data releases, ingests SCATS and TIRTL records into DuckDB, creates safe reporting views, joins site IDs to friendly names and coordinates, and renders this PDF-ready media brief. Supporting CSVs, named site tables, map images and methodology notes can be supplied with the media pack.

Publication checklist

- Check the top named locations manually.
- Check any unusual road-name text before publication.
- Treat anomaly rows as leads, not conclusions.
- Frame the story as open-data intelligence.

SUPPORTING MATERIAL

Evidence pack available

Supporting CSVs, named site tables, maps and methodology notes are available on request. Scan the QR code or use the contact details below for the evidence pack.



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