



Melbourne Traffic & Freight Intelligence Brief

SCATS + TIRTL Open Data Update

August 2026 release - data through 01/08/2026 - generated 03/08/2026, 6:17 pm
SCATS 08/04/2026 to 01/08/2026 | TIRTL 23/05/2026 to 01/08/2026

Source: DTP Open Data

TIRTL gate: publication ready

SCATS change rows: provisional

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 and truck hotspots, while quality gates prevent incomplete observation windows from being presented as confirmed traffic growth.

MEDIA ANGLE

Fresh DTP open data can be turned into same-day traffic and freight intelligence while complete-window checks separate reliable volume findings from provisional or suppressed change candidates.

SCATS MOVEMENTS

13,658,001,167

traffic signal movements

SCATS SITES

4,619

signal locations

TIRTL VEHICLES

839,527,416

classified vehicle
passings

TIRTL TRUCKS

126,199,426

classified truck passings

TRUCK SHARE

15.0%

of TIRTL classified
volume

BUSIEST SCATS SITE

**EASTERN Freeway OFF RAMP / HODDLE -
Abbotsford**

16,485,195

vehicle movements in the current SCATS update window

PROVISIONAL SCATS CHANGE

MIDLAND Highway / ARCHER - Shepparton

135,453 / day

first/latest comparison pending a separate SCATS completeness gate

HEAVIEST TIRTL TRUCK LOCATION

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

1,048,291

classified truck passings in the current TIRTL update window

HIGHEST TRUCK-SHARE HOTSPOT

**Dohertys Rd (WB) (westbound) - ALTONA
NORTH**

34.3%

truck share at a meaningful-volume TIRTL site

SCATS: busiest locations and provisional 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 provisional first-window versus latest-window comparisons. These change rows remain provisional until a separate SCATS completeness gate is applied. 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	16,485,195	169,950
2	4035	Burke / Barkers / Mont Albert - Hawthorn East	Hawthorn East	15,864,242	163,549
3	4415	PRINCES near CANNING - Carlton	Carlton	14,186,845	146,256
4	849	Canterbury / Mitcham / Boronia - Vermont	Vermont	13,794,740	142,214
5	3376	HODDLE near STUDLEY (NORTHBOUND) - Collingwood	Collingwood	13,763,447	141,891
6	3393	Punt / Swan - Richmond	Richmond	13,525,758	139,441
7	2487	Princes Highway East near IRVING (LANSDOWNE) - St Kilda East	St Kilda East	12,544,829	129,328
8	1197	Kororoit / Ferguson - Williamstown	Williamstown	12,403,849	127,875
9	3385	Hoddle / Victoria - East Melbourne	East Melbourne	12,319,523	127,005
10	2843	Monash / Toorak / Auburn - Hawthorn	Hawthorn	12,278,095	126,578

Provisional SCATS change candidates

First/latest comparisons only. Do not describe these rows as confirmed growth until the SCATS completeness gate is implemented.

#	SCATS ID	Location	Suburb	First window	Latest window	Difference/day	Change
1	6094	MIDLAND Highway / ARCHER - Shepparton	Shepparton	25,298	160,751	135,453	535.4%
2	460	High Street Road / Vannam / Jordan - Ashwood	Ashwood	25,039	82,041	57,002	227.7%
3	2929	King Street / Flinders Street - Melbourne	Melbourne	50,495	98,503	48,008	95.1%
4	5871	SCATS site 5871		61,612	103,256	41,644	67.6%
5	544	BLACKBURN near MATTHEW - Mount Waverley	Mount Waverley	21,496	59,548	38,052	177.0%
6	4777	WILLIAMS near GOOCH - Windsor	Windsor	28,230	64,070	35,840	127.0%

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 classified truck passings.

#	TIRTL ID	Location	Suburb	Vehicles	Trucks	Truck share
1	336 W	PFW 125m East of Kororoit Creek Road (OB) (westbound) - ALTONA NORTH	ALTONA NORTH	3,393,229	1,048,291	30.9%
2	167 E	M1 Outbound - CH 18380 (eastbound) - MOUNT WAVERLEY	MOUNT WAVERLEY	5,092,625	863,437	16.9%
3	173 E	M1 Outbound - CH 19890 (eastbound) - MOUNT WAVERLEY	MOUNT WAVERLEY	5,085,543	850,609	16.7%
4	580 E	M1 Monash Hwy - Stanley Outbound (eastbound) - MOUNT WAVERLEY	MOUNT WAVERLEY	5,101,807	846,390	16.6%
5	312 E	PFW 125m East of Kororoit Creek Road (IB) (eastbound) - LAVERTON NORTH	LAVERTON NORTH	3,354,543	844,807	25.2%
6	166 W	M1 Inbound - CH 18380 (westbound) - MOUNT WAVERLEY	MOUNT WAVERLEY	4,841,781	823,073	17.0%
7	107 E	M80 Outbound - Keilor park off ramp (EB) (eastbound) - KEILOR EAST	KEILOR EAST	4,563,833	813,127	17.8%
8	172 W	M1 Inbound - CH 19890 (westbound) - MOUNT WAVERLEY	MOUNT WAVERLEY	4,687,078	809,387	17.3%
9	179 E	M1 Outbound - CH 21190 (eastbound) - GLEN WAVERLEY	GLEN WAVERLEY	4,755,003	808,124	17.0%
10	145 E	M1 Outbound - CH 16520 (eastbound) - CHADSTONE	CHADSTONE	4,655,194	806,568	17.3%

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	441,046	151,195	34.3%
2	314 W	PFW 240m East of Duncans Road (OB) (westbound) - WERRIBEE SOUTH	WERRIBEE SOUTH	1,912,813	629,090	32.9%
3	263 E	Dohertys Rd (EB) (eastbound) - ALTONA NORTH	ALTONA NORTH	506,625	161,983	32.0%
4	336 W	PFW 125m East of Kororoit Creek Road (OB) (westbound) - ALTONA NORTH	ALTONA NORTH	3,393,229	1,048,291	30.9%
5	255 N	Fitzgerald Rd and Federation trail (NB) (northbound) - LAVERTON NORTH	LAVERTON NORTH	443,393	117,773	26.6%
6	261 N	Grieve Pde (NB) (northbound) - ALTONA NORTH	ALTONA NORTH	298,158	78,267	26.2%
7	256 S	Fitzgerald Rd and Federation trail (SB) (southbound) - LAVERTON NORTH	LAVERTON NORTH	441,844	112,194	25.4%
8	312 E	PFW 125m East of Kororoit Creek Road (IB) (eastbound) - LAVERTON NORTH	LAVERTON NORTH	3,354,543	844,807	25.2%

Quality-controlled change reporting

Change claims require complete and comparable observation windows. Rows that fail those requirements are retained as QA evidence and excluded from the public uplift ranking.

TIRTL quality gate passed - incomplete comparisons are not presented as traffic growth

SCATS activation / anomaly candidates - provisional

Low or missing baseline sites with meaningful latest-window volumes. These are data or site-review leads, not confirmed traffic growth.

#	SCATS ID	Location	Suburb	First seen	Last seen	Days	Latest-window avg
1	5512	SCATS site 5512		27/07/2026	01/08/2026	6	54,018
2	5317	Tarneit / Leakes - Tarneit	Tarneit	08/04/2026	01/08/2026	90	37,227
3	6405	SCATS site 6405 - Horsham	Horsham	08/04/2026	01/08/2026	97	35,096
4	2395	Park Street / Wells Street - South Melbourne	South Melbourne	08/04/2026	01/08/2026	97	32,191
5	3020	ORMOND ESP near BYRNE - Elwood	Elwood	01/07/2026	01/08/2026	32	31,700

Validated TIRTL freight-share change result

0

No validated TIRTL freight-share uplift candidate

No site-heading met every complete-week, interval-equivalence, minimum-volume, truck-growth and truck-share requirement for this release.

457

comparisons assessed

184

coverage-review rows

891

invalid/incomplete daily rows

0

duplicate daily keys

TIRTL comparison rules

Latest complete Monday-Sunday week versus the median of up to four preceding complete Monday-Sunday weeks. A valid day requires at least 92 of 96 intervals. Publication requires at least 2 complete baseline weeks, at least 500 latest trucks per day, at least 20.0% truck growth and at least 2.0 percentage points of truck-share growth.

Responsible use

- TIRTL figures are classified passings, not unique vehicles or journeys.
- The same vehicle may be counted at multiple monitoring locations.
- Volume and truck-share rankings do not establish cause.
- SCATS first/latest change rows remain provisional pending their own completeness gate.
- Check names, coordinates and unusual road text before publication.

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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