



Melbourne Traffic & Freight Intelligence Brief

SCATS + TIRTL Open Data Update

August 2026 release - data through 30/08/2026 - generated 02/09/2026, 3:12 pm
SCATS 08/04/2026 to 30/08/2026 | TIRTL 23/05/2026 to 30/08/2026

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

17,795,171,900

traffic signal movements

SCATS SITES

4,627

signal locations

TIRTL VEHICLES

1,331,803,363

classified vehicle passings

TIRTL TRUCKS

66,420,043

classified truck passings

TRUCK SHARE

5.0%

of TIRTL classified volume

BUSIEST SCATS SITE

EASTERN Freeway OFF RAMP / HODDLE - Abbotsford

21,471,165

vehicle movements in the current SCATS update window

PROVISIONAL SCATS CHANGE

MIDLAND Highway / ARCHER - Shepparton

122,247 / day

first/latest comparison pending a separate SCATS completeness gate

HEAVIEST TIRTL TRUCK LOCATION

West Gate Bridge outbound W (westbound) - Spotswood / Port Melbourne corridor

520,988

classified truck passings in the current TIRTL update window

HIGHEST TRUCK-SHARE HOTSPOT

Dohertys Rd (WB) (westbound) - ALTONA NORTH

21.9%

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	21,471,165	170,406
2	4035	Burke / Barkers / Mont Albert - Hawthorn East	Hawthorn East	20,669,087	164,040
3	4415	PRINCES near CANNING - Carlton	Carlton	18,286,201	145,129
4	3376	HODDLE near STUDLEY (NORTHBOUND) - Collingwood	Collingwood	17,926,049	142,270
5	849	Canterbury / Mitcham / Boronia - Vermont	Vermont	17,741,251	140,804
6	3393	Punt / Swan - Richmond	Richmond	17,576,963	139,500
7	3385	Hoddle / Victoria - East Melbourne	East Melbourne	16,386,928	130,055
8	2487	Princes Highway East near IRVING (LANSDOWNE) - St Kilda East	St Kilda East	16,347,765	129,744
9	1197	Kororoit / Ferguson - Williamstown	Williamstown	16,031,811	127,237
10	1359	Warrigal / Links Estate Access - Bentleigh East	Bentleigh East	15,903,244	126,216

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	147,545	122,247	483.2%
2	460	High Street Road / Vannam / Jordan - Ashwood	Ashwood	25,039	81,874	56,835	227.0%
3	4128	Sydney / Urquhart - Coburg	Coburg	23,148	79,056	55,908	241.5%
4	544	BLACKBURN near MATTHEW - Mount Waverley	Mount Waverley	21,496	60,105	38,609	179.6%
5	5871	SCATS site 5871		61,612	92,224	30,612	49.7%
6	767	Dorset / Chandler - Boronia	Boronia	19,193	48,714	29,521	153.8%

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	505 W	West Gate Bridge outbound W (westbound) - Spotswood / Port Melbourne corridor	Spotswood / Port Melbourne corridor	7,352,593	520,988	7.1%
2	107 E	M80 Outbound - Keilor park off ramp (EB) (eastbound) - KEILOR EAST	KEILOR EAST	7,195,387	513,313	7.1%
3	580 E	M1 Monash Hwy - Stanley Outbound (eastbound) - MOUNT WAVERLEY	MOUNT WAVERLEY	8,165,867	509,339	6.2%
4	167 E	M1 Outbound - CH 18380 (eastbound) - MOUNT WAVERLEY	MOUNT WAVERLEY	8,155,787	508,380	6.2%
5	173 E	M1 Outbound - CH 19890 (eastbound) - MOUNT WAVERLEY	MOUNT WAVERLEY	8,137,949	507,429	6.2%
6	145 E	M1 Outbound - CH 16520 (eastbound) - CHADSTONE	CHADSTONE	7,451,057	504,029	6.8%
7	166 W	M1 Inbound - CH 18380 (westbound) - MOUNT WAVERLEY	MOUNT WAVERLEY	7,743,670	502,919	6.5%
8	149 E	M1 Outbound - CH 17390 (eastbound) - MOUNT WAVERLEY	MOUNT WAVERLEY	7,446,430	501,886	6.7%
9	148 W	M1 Inbound - CH 17390 (westbound) - MOUNT WAVERLEY	MOUNT WAVERLEY	7,204,567	500,135	6.9%
10	147 E	M1 Outbound - CH 17000 (eastbound) - CHADSTONE	CHADSTONE	7,379,314	499,255	6.8%

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	704,237	154,487	21.9%
2	263 E	Dohertys Rd (EB) (eastbound) - ALTONA NORTH	ALTONA NORTH	808,784	152,564	18.9%
3	255 N	Fitzgerald Rd and Federation trail (NB) (northbound) - LAVERTON NORTH	LAVERTON NORTH	684,131	105,499	15.4%
4	256 S	Fitzgerald Rd and Federation trail (SB) (southbound) - LAVERTON NORTH	LAVERTON NORTH	710,195	103,306	14.6%
5	261 N	Grieve Pde (NB) (northbound) - ALTONA NORTH	ALTONA NORTH	464,650	67,228	14.5%
6	262 S	Grieve Pde (SB) (southbound) - ALTONA NORTH	ALTONA NORTH	535,840	61,509	11.5%
7	555 E	M8 Western Fwy - Ballan Inbound (EB) (eastbound) - BALLAN	BALLAN	962,808	102,527	10.7%
8	556 W	M8 Western Fwy - Ballan Outbound (WB) (westbound) - BALLAN	BALLAN	966,022	101,763	10.5%

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	30/08/2026	35	58,270
2	384	Ferntree Gully / Henderson / Street Laurent - Knoxfield	Knoxfield	02/08/2026	30/08/2026	29	44,497
3	5317	Tarneit / Leakes - Tarneit	Tarneit	08/04/2026	30/08/2026	119	38,509
4	197	Princes Highway East / WEBSTER - Dandenong	Dandenong	08/04/2026	30/08/2026	126	37,165
5	3020	ORMOND ESP near BYRNE - Elwood	Elwood	01/07/2026	30/08/2026	61	31,311

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.

495

comparisons assessed

210

coverage-review rows

1,294

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.



Clarke Towson
Manager, Spotswood Trailers

7 Cullen Court
Spotswood, Vic 3015

0432 359 166
clarke@spotswoodtrailers.com.au

spotswoodtrailers.com.au