

Wantirna South Traffic Intelligence Profile

SCATS-based vehicle movement profile generated from the Melbourne SCATS Intelligence Platform. Historical signalised-intersection movement analysis covering 2014–2026.

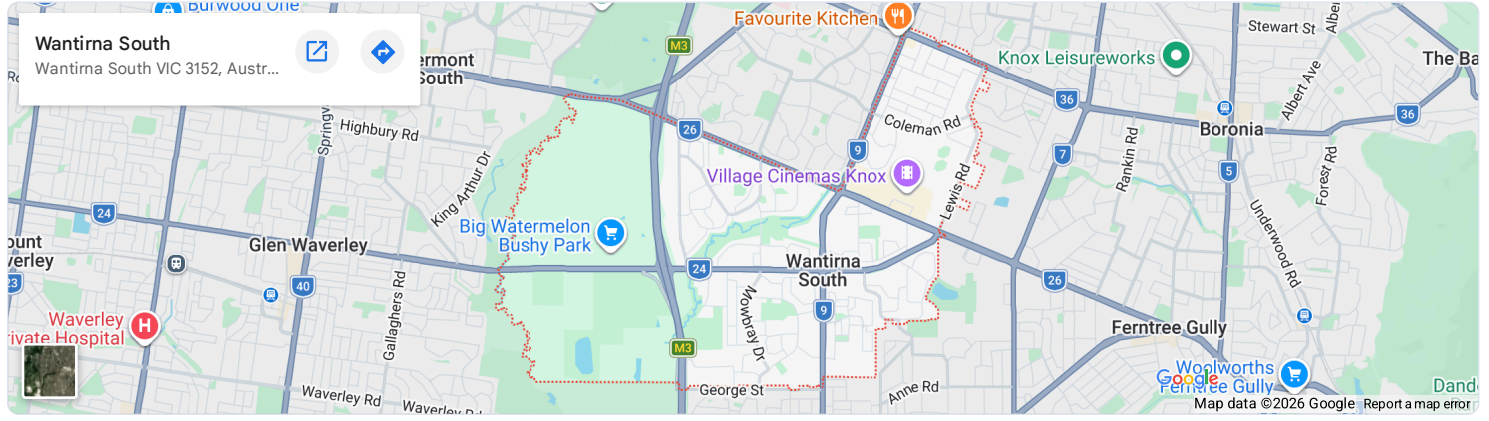
Generated: 20 May 2026 Suburb rank: #32 SCATS sites: 23 Postcode(s): 3152



I'm your local mate with a few trailers right next to The West Gate Freeway!

Suburb Map

This map provides geographic context for the suburb profile and the surrounding road network. For individual SCATS sensor locations, use the map links in the Top SCATS Sites and Sensor Inventory tables.



Executive Snapshot

Wantirna South contains 23 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 3,640,757,530 vehicle movements, or approximately 3,640.8M.

The busiest mapped SCATS location in Wantirna South is BURWOOD Highway / STUD, with 253,134,715 recorded movements across the historical period.

3,640.8M
Total mapped vehicle movements

23
Mapped SCATS sites

#32
Melbourne suburb movement rank

158,293,805
Average movements per site

Interpretation: This profile should be read as a suburb-level movement exposure report based on mapped SCATS sensor locations. It is useful for local traffic reporting, OOH exposure review, planning discussion, business-location context and public-interest transport analysis.

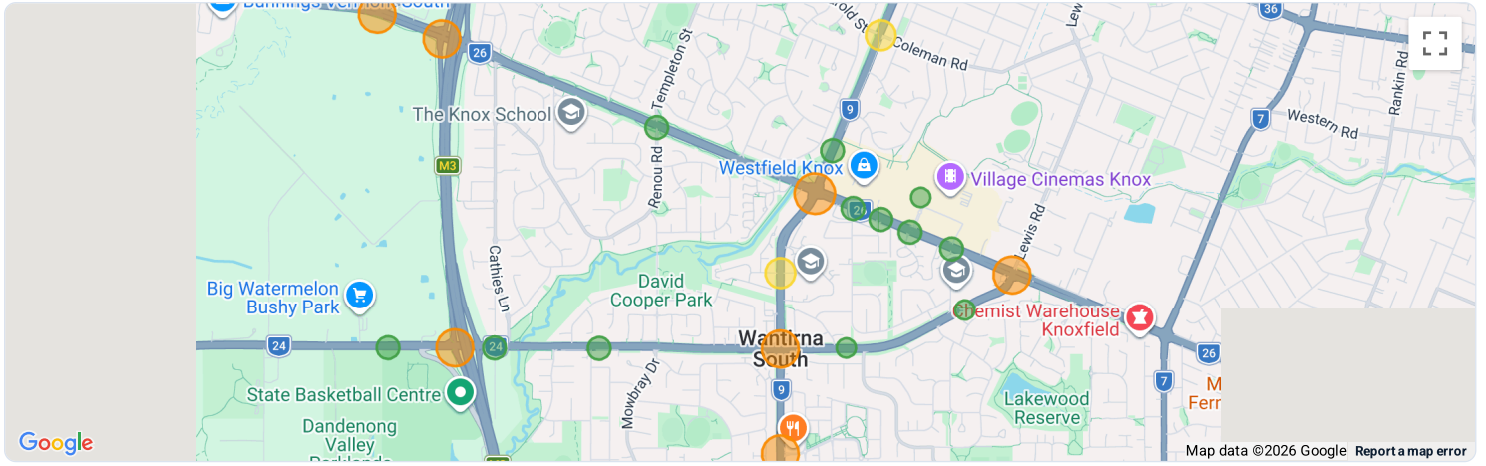
Top SCATS Sites in Wantirna South

#	SCATS ID	Location	Total movements	Millions	Rank
1	170	BURWOOD Highway / STUD BURWOOD HWY/STUD	253,134,715	253.1M	357
2	169	BURWOOD Highway / MOUNTAIN Highway BURWOOD HWY/MOUNTAIN HWY	243,847,748	243.8M	399
3	785	Stud / High Street Road STUD/HIGH ST RD	231,545,008	231.5M	464
4	3705	Stud / Mockridge STUD / MOCKRIDGE	224,440,053	224.4M	518
5	1105	High Street Road / Eastlink HIGH STREET ROAD/EASTLINK	214,625,169	214.6M	584
6	1103	BURWOOD Highway / EASTLINK BURWOOD HWY/EASTLINK	211,852,367	211.9M	604
7	2012	BURWOOD Highway / HIGH ST RD / LEWIS BURWOOD HWY/HIGH ST RD/LEWIS	202,713,309	202.7M	696
8	799	Stud / Harcrest Blvd STUD/HARCREST BLVD	202,011,328	202.0M	704
9	175	Stud / Knox Tafe College Ent / Riverpark STUD/KNOX TAFE COLLEGE ENT/RIVERPARK	179,250,790	179.3M	932
10	783	Stud / Coleman / Harold STUD/COLEMAN/HAROLD	168,456,178	168.5M	1051

Note: SCATS locations are assigned to suburbs using the latitude/longitude of each site. Boundary roads may influence nearby suburbs even when assigned to one suburb for repeatable reporting.

SCATS Sensor Map

This map shows the location of each mapped SCATS sensor associated with **Wantirna South**. Circle colours match the main full-network SCATS map. Click any circle to view the site name, movement total and a direct Google Maps link.



Traffic intensity circles

● Red — Top 5% busiest Melbourne-wide
● Orange — Top 20% busiest Melbourne-wide
● Yellow — Middle-volume Melbourne-wide
● Green — Lower-volume mapped site

Circle colours are based on each SCATS site's Melbourne-wide rank across the cleaned archive, not just its rank within this suburb. Circle size is scaled lightly by traffic intensity.

Provider: Google Maps circle overlays - Sensors plotted: 23. For PDF export, you will usually get a better result by replacing this live map with a static PNG screenshot.

Local Movement Context

Busiest Local Site

BURWOOD Highway / STUD
 253,134,715 vehicle movements
[Open busiest site in Google Maps](#)

Suburb Rank

Wantirna South ranks **#32** among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

Likely Dominant Corridors

- High
- BURWOOD
- Stud
- KNOX CITY
- TYNER
- STUD
- MOUNTAIN
- Mockridge

OOH and media relevance: Suburbs with concentrated SCATS movement corridors can be useful for billboard exposure review, local traffic journalism, corridor analysis and business-location intelligence.

SCATS Sensor Inventory

SCATS ID	Friendly name	Official name	Total movements
170	BURWOOD Highway / STUD	BURWOOD HWY/STUD	253,134,715
169	BURWOOD Highway / MOUNTAIN Highway	BURWOOD HWY/MOUNTAIN HWY	243,847,748
785	Stud / High Street Road	STUD/HIGH ST RD	231,545,008
3705	Stud / Mockridge	STUD / MOCKRIDGE	224,440,053
1105	High Street Road / Eastlink	HIGH STREET ROAD/EASTLINK	214,625,169
1103	BURWOOD Highway / EASTLINK	BURWOOD HWY/EASTLINK	211,852,367
2012	BURWOOD Highway / HIGH ST RD / LEWIS	BURWOOD HWY/HIGH ST RD/LEWIS	202,713,309
799	Stud / Harcrest Blvd	STUD/HARCREST BLVD	202,011,328
175	Stud / Knox Tafe College Ent / Riverpark	STUD/KNOX TAFE COLLEGE ENT/RIVERPARK	179,250,790
783	Stud / Coleman / Harold	STUD/COLEMAN/HAROLD	168,456,178
172	BURWOOD Highway / KNOX CITY ENT 2 / TYNER	BURWOOD HWY/KNOX CITY ENT 2/TYNER	166,731,478
2009	BURWOOD Highway / TEMPLETON / RENOUE	BURWOOD HWY/TEMPLETON/RENOUE	164,654,728
178	BURWOOD Highway / KNOX CITY ENT 5 / TYNER	BURWOOD HWY/KNOX CITY ENT 5/TYNER	162,539,432
171	Stud / Knox City Ent 1	STUD/KNOX CITY ENT 1	150,682,448
180	BURWOOD Highway / KNOX CITY ENT 4	BURWOOD HWY/KNOX CITY ENT 4	146,699,361
173	BURWOOD Highway / KNOX CITY ENT 3 / LYNNE	BURWOOD HWY/KNOX CITY ENT 3/LYNNE	144,125,449
383	High Street Road / Cathies	HIGH ST RD/CATHIES	131,500,005
1117	High Street / George	HIGH STREET/GEORGE	130,675,221
379	HIGH near FONTEYN	HIGH NR FONTEYN	111,061,339
3160	High Street Road near Wolf Street	High Street Road near Wolf Street	92,711,903
2014	High Street Road / Tyner	HIGH ST RD/TYNER	63,317,186
2366	Boronia Road / Lewis Road	Boronia Road / Lewis Road	38,817,142
2015	MELBOURNE near HOBART (KNOX CITY)	MELBOURNE NR HOBART (KNOX CITY)	5,365,173

Methodology and Platform Context

This suburb profile is one local report generated from the wider **Melbourne SCATS Intelligence** platform. The platform converts more than 12 years of Melbourne traffic signal data into a public-facing transport intelligence layer covering historical movement totals, site rankings, corridor behaviour, suburb profiles, OOH exposure review, and reproducible data-quality evidence.

37,877,000,000

Cleaned 15-minute SCATS observations

539,021,000,000

Total cleaned vehicle movements analysed platform-wide

148/148

Expected months processed in the reporting window

2014–2026

Historical coverage window

How to read this suburb report: the suburb total shown earlier in this profile is this suburb's portion of the mapped SCATS movement layer. The Melbourne-wide figures above describe the scale of the full platform, not this suburb alone. The suburb profile layer turns the city-wide dataset into **517** suburb/locality reports using **4,427** mapped SCATS sites.

- input suburb summary: suburb_summary_v1.json
- input site lookup: scats_site_suburb_lookup_cleaned_v1.4.csv

- Suburb/locality profiles generated: **517**
- Mapped SCATS sites used in the suburb reporting layer: **4,427**
- Movement total represented by the mapped suburb profile layer: **532,181,076,069 movements**
- Time resolution: **15-minute intervals**

Boundary caution: Some SCATS sensors sit on arterial roads, freeway interfaces or suburb boundaries. For repeatable reporting, each sensor is assigned to one suburb based on its coordinate. This makes the profiles reproducible, but nearby suburbs may still be affected by the same corridor.

Open-source project: <https://github.com/clarketowson/melbourne-scats-intelligence>