

Wantirna Traffic Intelligence Profile

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

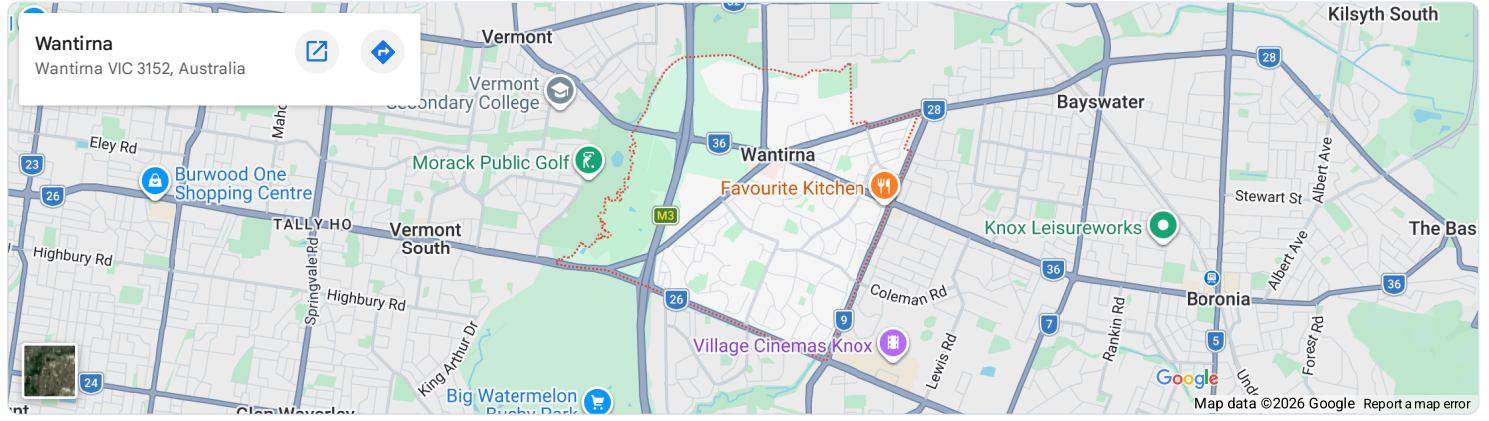
Generated: 20 May 2026 Suburb rank: #59 SCATS sites: 12 Postcode(s): 3152



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 contains 12 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 2,541,760,752 vehicle movements, or approximately 2,541.8M.

The busiest mapped SCATS location in Wantirna is BORONIA near AMESBURY & ROXBURGH, with 379,896,684 recorded movements across the historical period.

2,541.8M
Total mapped vehicle movements

12
Mapped SCATS sites

#59
Melbourne suburb movement rank

211,813,396
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.

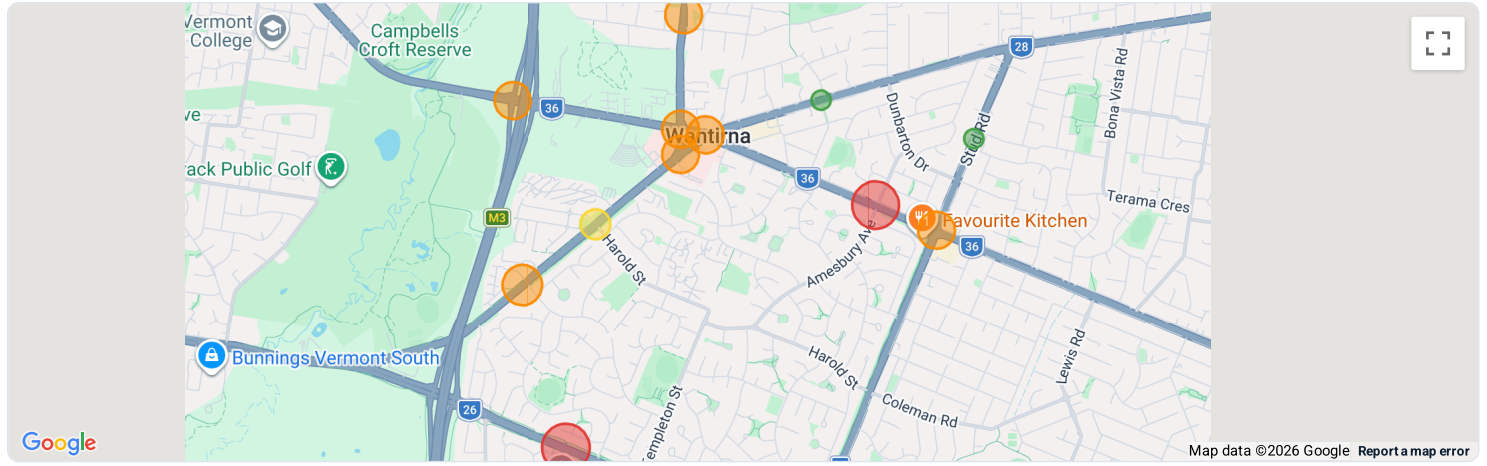
Top SCATS Sites in Wantirna

#	SCATS ID	Location	Total movements	Millions	Rank
1	1144	BORONIA near AMESBURY & ROXBURGH BORONIA NR AMESBURY & ROXBURGH	379,896,684	379.9M	65
2	2020	BURWOOD Highway near MILPERA BURWOOD HWY NR MILPERA	372,199,007	372.2M	76
3	120	MOUNTAIN Highway STH OF BARMAH MOUNTAIN HWY STH OF BARMAH	263,027,750	263.0M	314
4	369	Boronia / Stud BORONIA/STUD	232,896,376	232.9M	456
5	775	MOUNTAIN Highway / BORONIA MOUNTAIN HWY/BORONIA	228,274,981	228.3M	487
6	793	WANTIRNA near SELKIRK WANTIRNA NR SELKIRK	212,859,552	212.9M	593
7	367	Boronia / Wantirna BORONIA/WANTIRNA	194,509,728	194.5M	772
8	774	MOUNTAIN Highway / WANTIRNA MOUNTAIN HWY/WANTIRNA	193,175,138	193.2M	793
9	1104	Boronia / Eastlink BORONIA/EASTLINK	185,396,477	185.4M	863
10	773	MOUNTAIN Highway / HAROLD MOUNTAIN HWY/HAROLD	105,358,846	105.4M	2171

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**. 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: 12. 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

BORONIA near AMESBURY & ROXBURGH

379,896,684 vehicle movements

[Open busiest site in Google Maps](#)

Suburb Rank

Wantirna ranks **#59** among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

Likely Dominant Corridors

- High
- MOUNTAIN
- Boronia
- BORONIA
- WANTIRNA
- AMESBURY
- ROXBURGH
- BURWOOD

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
1144	BORONIA near AMESBURY & ROXBURGH	BORONIA NR AMESBURY & ROXBURGH	379,896,684
2020	BURWOOD Highway near MILPERA	BURWOOD HWY NR MILPERA	372,199,007
120	MOUNTAIN Highway STH OF BARMAH	MOUNTAIN HWY STH OF BARMAH	263,027,750
369	Boronia / Stud	BORONIA/STUD	232,896,376
775	MOUNTAIN Highway / BORONIA	MOUNTAIN HWY/BORONIA	228,274,981
793	WANTIRNA near SELKIRK	WANTIRNA NR SELKIRK	212,859,552
367	Boronia / Wantirna	BORONIA/WANTIRNA	194,509,728
774	MOUNTAIN Highway / WANTIRNA	MOUNTAIN HWY/WANTIRNA	193,175,138
1104	Boronia / Eastlink	BORONIA/EASTLINK	185,396,477
773	MOUNTAIN Highway / HAROLD	MOUNTAIN HWY/HAROLD	105,358,846
776	MOUNTAIN Highway near RACHELLE	MOUNTAIN HWY NR RACHELLE	96,314,145
1535	Stud Road Between Phyllis And Leonard	STUD RD BETWEEN PHYLLIS AND LEONARD	77,852,068

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>