

Nunawading Traffic Intelligence Profile

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

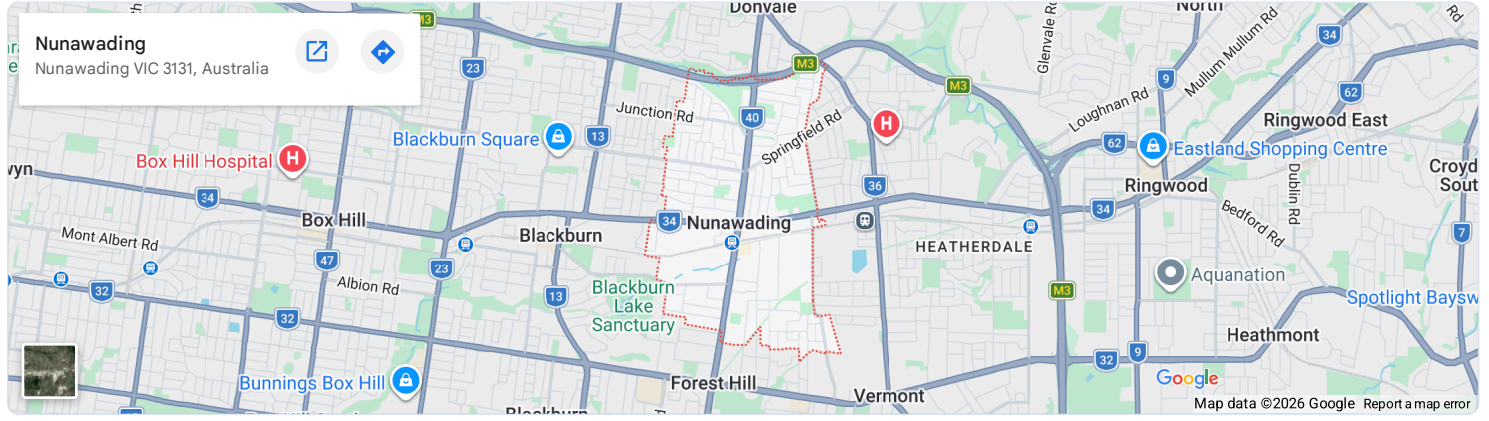
Generated: 20 May 2026 Suburb rank: #31 SCATS sites: 14 Postcode(s): 3131, 3132



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

Nunawading contains 14 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 3,641,361,550 vehicle movements, or approximately 3,641.4M.

The busiest mapped SCATS location in Nunawading is **SPRINGVALE near LAUGHLIN AVE**, with 505,992,688 recorded movements across the historical period.

3,641.4M
Total mapped vehicle movements

14
Mapped SCATS sites

#31
Melbourne suburb movement rank

260,097,253
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.

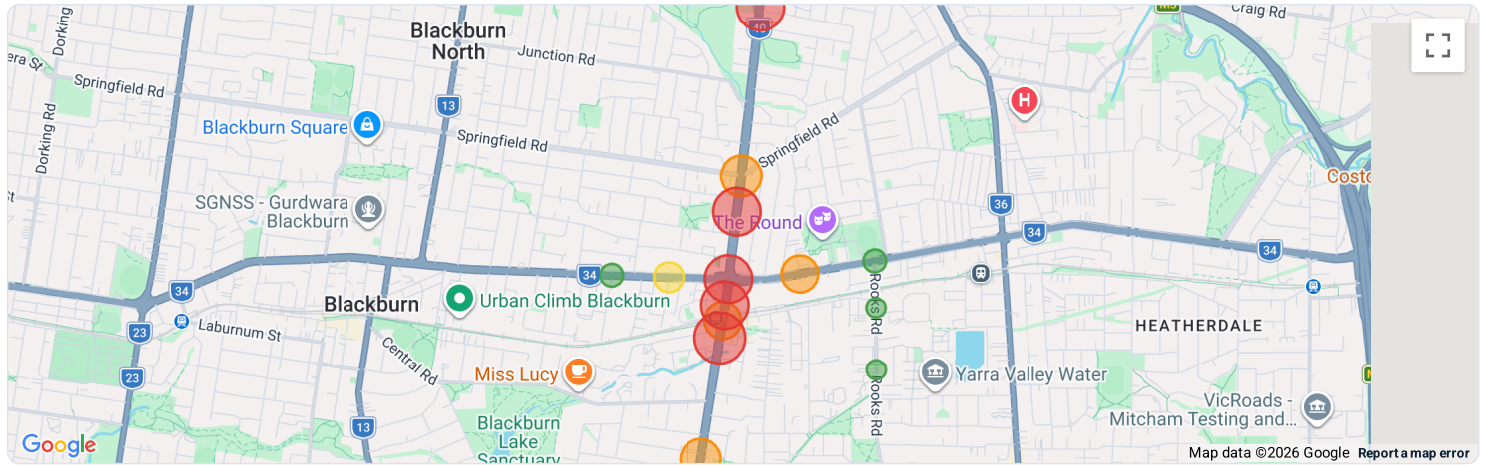
Top SCATS Sites in Nunawading

#	SCATS ID	Location	Total movements	Millions	Rank
1	416	SPRINGVALE near LAUGHLIN AVE SPRINGVALE NR LAUGHLIN AVE	505,992,688	506.0M	10
2	415	SPRINGVALE near WALKERS / SILVER SPRINGVALE NR WALKERS/SILVER	488,718,913	488.7M	19
3	414	SPRINGVALE near TUNSTALL SPRINGVALE NR TUNSTALL	486,344,942	486.3M	20
4	117	Maroondah / Springvale MAROONDAH/SPRINGVALE	410,542,112	410.5M	42
5	576	Springvale / Eastern Freeway / Eastlink SPRINGVALE/EASTERN FWY/EASTLINK	306,943,001	306.9M	172
6	413	Springvale / Springfield SPRINGVALE/SPRINGFIELD	279,717,271	279.7M	251
7	409	SPRINGVALE near MILTON SPRINGVALE NR MILTON	258,362,260	258.4M	335
8	153	Maroondah / Civic Centre MAROONDAH/CIVIC CENTRE	202,264,221	202.3M	700
9	1776	Springvale Road nr Station Street Springvale Road nr Station Street	198,160,310	198.2M	742
10	297	MAROONDAH Highway / BRAND SMART MAROONDAH HWY/BRAND SMART	152,438,292	152.4M	1248

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 **Nunawading**. 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: 14. 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

SPRINGVALE near LAUGHLIN AVE
505,992,688 vehicle movements
[Open busiest site in Google Maps](#)

Suburb Rank

Nunawading ranks #31 among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

Likely Dominant Corridors

- SPRINGVALE
- Springvale
- Maroondah
- Maroondah Highway
- High
- MAROONDAH
- LAUGHLIN
- WALKERS

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
416	SPRINGVALE near LAUGHLIN AVE	SPRINGVALE NR LAUGHLIN AVE	505,992,688
415	SPRINGVALE near WALKERS / SILVER	SPRINGVALE NR WALKERS/SILVER	488,718,913
414	SPRINGVALE near TUNSTALL	SPRINGVALE NR TUNSTALL	486,344,942
117	Maroondah / Springvale	MAROONDAH/SPRINGVALE	410,542,112
576	Springvale / Eastern Freeway / Eastlink	SPRINGVALE/EASTERN FWY/EASTLINK	306,943,001
413	Springvale / Springfield	SPRINGVALE/SPRINGFIELD	279,717,271
409	SPRINGVALE near MILTON	SPRINGVALE NR MILTON	258,362,260
153	Maroondah / Civic Centre	MAROONDAH/CIVIC CENTRE	202,264,221
1776	Springvale Road nr Station Street	Springvale Road nr Station Street	198,160,310
297	MAROONDAH Highway / BRAND SMART	MAROONDAH HWY/BRAND SMART	152,438,292
111	MAROONDAH Highway / METROPOLITAN	MAROONDAH HWY/METROPOLITAN	143,769,186
119	Maroondah / Rooks	MAROONDAH/HOOKS	143,455,043
2030	Rooks btw Queens & Station	Rooks btw Queens & Station	33,492,193
2016	HOOKS near MAURICE	HOOKS NR MAURICE	31,161,118

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>