

Belmont Traffic Intelligence Profile

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

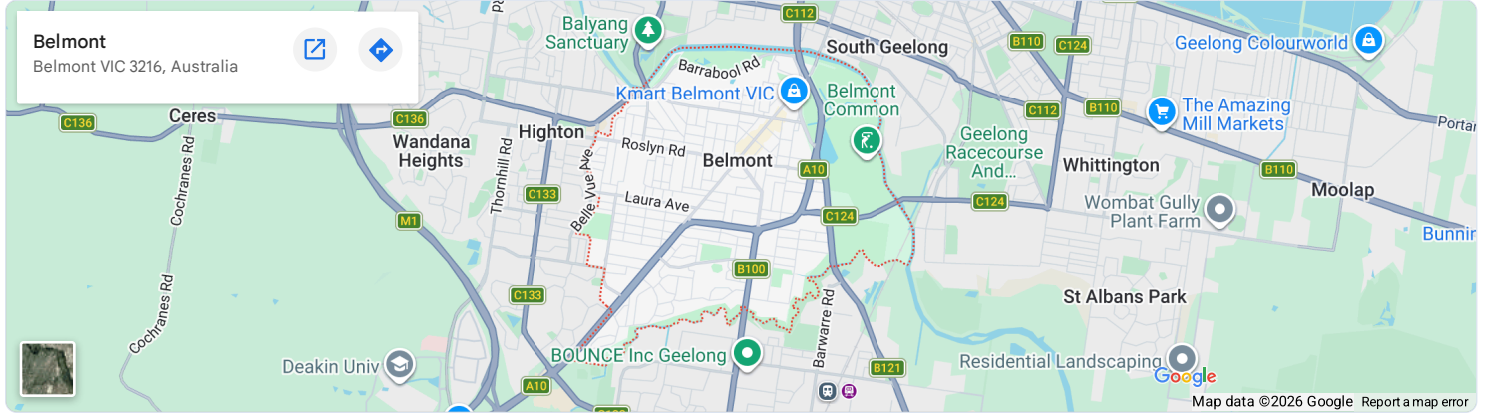
Generated: 20 May 2026 Suburb rank: #78 SCATS sites: 15 Postcode(s): 3216



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

Belmont contains 15 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 2,035,585,307 vehicle movements, or approximately 2,035.6M.

The busiest mapped SCATS location in Belmont is Corio-Waurn Pond(Settlement / Barwon Heads, with 322,643,882 recorded movements across the historical period.

2,035.6M
Total mapped vehicle movements

15
Mapped SCATS sites

#78
Melbourne suburb movement rank

135,705,687
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.

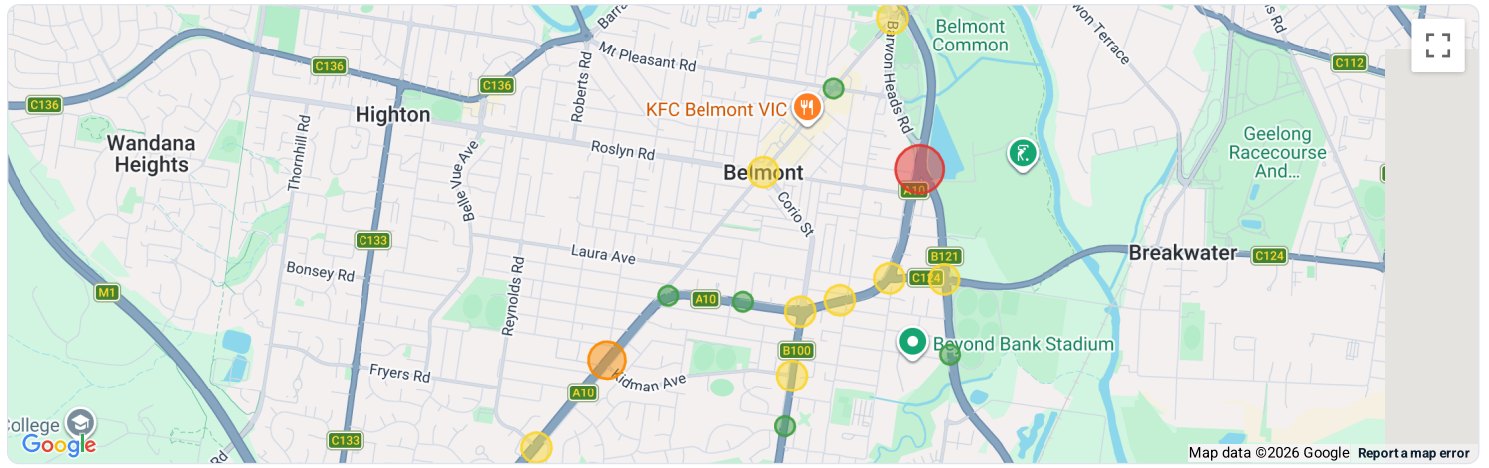
Top SCATS Sites in Belmont

#	SCATS ID	Location	Total movements	Millions	Rank
1	5079	Corio-Waurn Pond(Settlement / Barwon Heads CORIO-WAURN POND(SETTLEMENT/BARWON HEADS	322,643,882	322.6M	145
2	5141	CORIO-WAURN PONDS near KIDMAN CORIO-WAURN PONDS NR KIDMAN	219,721,082	219.7M	547
3	5227	Barwon Heads / Breakwater BARWON HEADS/BREAKWATER	183,027,331	183.0M	888
4	5219	CORIO-WAURN PONDS(SETTLEMENT) near FRANCIS CORIO-WAURN PONDS(SETTLEMENT) NR FRANCIS	170,524,184	170.5M	1021
5	5069	Corio-Waurn Ponds (Settlement / Breakwater CORIO-WAURN PONDS (SETTLEMENT/BREAKWATER	170,246,014	170.2M	1026
6	5068	Corio-Waurn(Settlement / Torquay / Surfcoast CORIO-WAURN(SETTLEMENT/TORQUAY/SURFCOAST	147,835,229	147.8M	1315
7	5062	High / Roslyn / Thomson / Corio HIGH/ROSLYN/THOMSON/CORIO	144,993,883	145.0M	1365
8	5066	Corio-Waurn Ponds / Reynolds CORIO-WAURN PONDS / REYNOLDS	114,226,552	114.2M	1947
9	5350	Surf Coast Highway / Kidman Avenue SURF COAST HIGHWAY / KIDMAN AVENUE	111,411,772	111.4M	2008
10	5058	High Street / Barwon Heads / Barrabool HIGH ST/BARWON HEADS/BARRABOOL	107,246,514	107.2M	2119

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 **Belmont**. 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: 15. 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

Corio-Waurn Pond(Settlement / Barwon Heads
 322,643,882 vehicle movements
[Open busiest site in Google Maps](#)

Suburb Rank

Belmont ranks **#78** among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

Likely Dominant Corridors

- High
- Barwon Heads
- CORIO-WAURN PONDS
- Corio-Waurn Ponds
- Breakwater
- Corio-Waurn Pond
- KIDMAN
- FRANCIS

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
5079	Corio-Waurn Pond(Settlement / Barwon Heads	CORIO-WAURN POND(SETTLEMENT/BARWON HEADS	322,643,882
5141	CORIO-WAURN PONDS near KIDMAN	CORIO-WAURN PONDS NR KIDMAN	219,721,082
5227	Barwon Heads / Breakwater	BARWON HEADS/BREAKWATER	183,027,331
5219	CORIO-WAURN PONDS(SETTLEMENT) near FRANCIS	CORIO-WAURN PONDS(SETTLEMENT) NR FRANCIS	170,524,184
5069	Corio-Waurn Ponds (Settlement / Breakwater	CORIO-WAURN PONDS (SETTLEMENT/BREAKWATER	170,246,014
5068	Corio-Waurn(Settlement / Torquay / Surfcoast	CORIO-WAURN(SETTLEMENT/TORQUAY/SURFCOAST	147,835,229
5062	High / Roslyn / Thomson / Corio	HIGH/ROSLYN/THOMSON/CORIO	144,993,883
5066	Corio-Waurn Ponds / Reynolds	CORIO-WAURN PONDS / REYNOLDS	114,226,552
5350	Surf Coast Highway / Kidman Avenue	SURF COAST HIGHWAY / KIDMAN AVENUE	111,411,772
5058	High Street / Barwon Heads / Barrabool	HIGH ST/BARWON HEADS/BARRABOOL	107,246,514
5077	Corio-Waurn Ponds (Settlement) / High	CORIO-WAURN PONDS (SETTLEMENT)/HIGH	81,674,887
5022	CORIO-WAURN PONDS (SETTLEMENT) near MERNDA	CORIO-WAURN PONDS (SETTLEMENT) NR MERNDA	79,791,905
5059	High / Mt Pleasant	HIGH/MT PLEASANT	76,064,528
5086	SURF COAST Highway near CHERYL	SURF COAST HWY NR CHERYL	73,464,893
5471	Barwon Heads / Crows	BARWON HEADS / CROWS	32,712,651

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>