

# Hawthorn Traffic Intelligence Profile

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

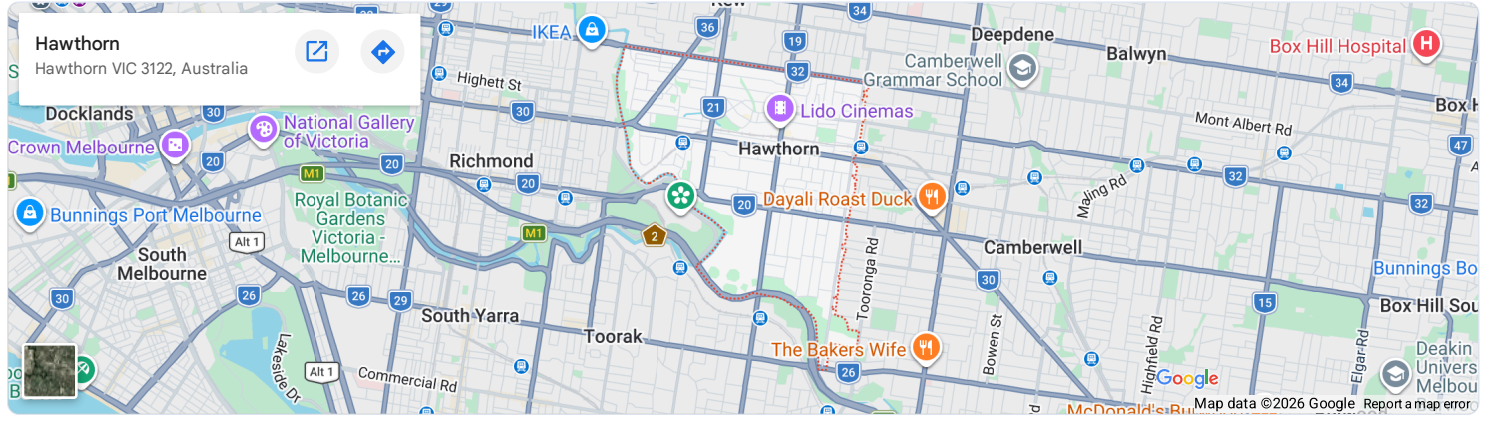
Generated: 20 May 2026 Suburb rank: #34 SCATS sites: 26 Postcode(s): 3122



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

Hawthorn contains 26 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 3,570,545,971 vehicle movements, or approximately 3,570.5M.

The busiest mapped SCATS location in Hawthorn is Monash / Toorak / Auburn, with 410,170,343 recorded movements across the historical period.

**3,570.5M**  
Total mapped vehicle movements

**26**  
Mapped SCATS sites

**#34**  
Melbourne suburb movement rank

**137,328,691**  
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.

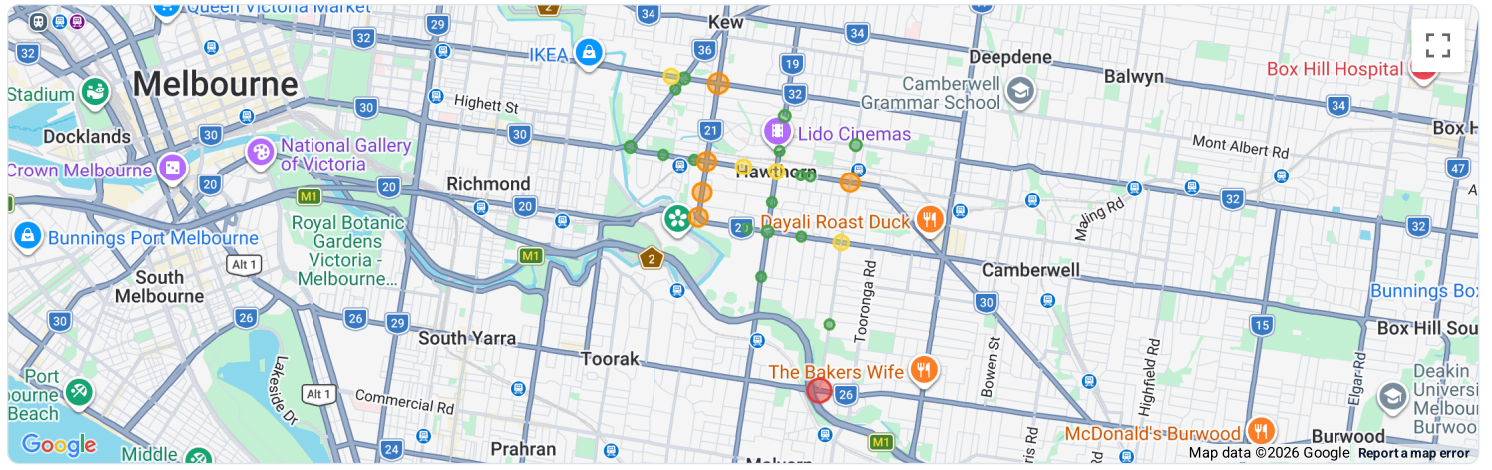
## Top SCATS Sites in Hawthorn

#	SCATS ID	Location	Total movements	Millions	Rank
1	2843	Monash / Toorak / Auburn MONASH/TOORAK/AUBURN	410,170,343	410.2M	43
2	3002	Barkers / Denmark / Power BARKERS/DENMARK/POWER	262,558,219	262.6M	316
3	2842	POWER near LISSON POWER NR LISSON	249,609,797	249.6M	370
4	4268	Power / Riversdale / Wallen POWER/RIVERSDALE/WALLEN	249,338,907	249.3M	372
5	4263	Burwood / Power BURWOOD/POWER	227,379,093	227.4M	491
6	4266	Burwood / Auburn BURWOOD/AUBURN	194,340,257	194.3M	775
7	1379	Barkers / Church / High (Kew Tram Depot) BARKERS/CHURCH/HIGH (KEW TRAM DEPOT)	171,262,800	171.3M	1010
8	4271	Auburn / Riversdale AUBURN/RIVERSDALE	157,119,448	157.1M	1180
9	3668	Burwood / Bunnings Access BURWOOD/BUNNINGS ACCESS	150,607,730	150.6M	1279
10	4264	Burwood / Glenferrie BURWOOD/GLENFERRIE	147,123,346	147.1M	1325

**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 **Hawthorn**. 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: 26. 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

**Monash / Toorak / Auburn**  
 410,170,343 vehicle movements  
[Open busiest site in Google Maps](#)

### Suburb Rank

Hawthorn ranks **#34** among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

### Likely Dominant Corridors

- Burwood
- Auburn
- Glenferrie
- Barkers
- Power
- Riversdale
- Church
- 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
2843	Monash / Toorak / Auburn	MONASH/TOORAK/AUBURN	410,170,343
3002	Barkers / Denmark / Power	BARKERS/DENMARK/POWER	262,558,219
2842	POWER near LISSON	POWER NR LISSON	249,609,797
4268	Power / Riversdale / Wallen	POWER/RIVERSDALE/WALLEN	249,338,907
4263	Burwood / Power	BURWOOD/POWER	227,379,093
4266	Burwood / Auburn	BURWOOD/AUBURN	194,340,257
1379	Barkers / Church / High (Kew Tram Depot)	BARKERS/CHURCH/HIGH (KEW TRAM DEPOT)	171,262,800
4271	Auburn / Riversdale	AUBURN/RIVERSDALE	157,119,448
3668	Burwood / Bunnings Access	BURWOOD/BUNNINGS ACCESS	150,607,730
4264	Burwood / Glenferrie	BURWOOD/GLENFERRIE	147,123,346
2484	GLENFERRIE near JOHNSON	GLENFERRIE NR JOHNSON	144,678,674
3001	Barkers / Church / High	BARKERS/CHURCH/HIGH	141,442,649
4270	Glenferrie / Riversdale	GLENFERRIE/RIVERSDALE	135,383,444
4260	Auburn / Rathmines / Liddiard	AUBURN/RATHMINES/LIDDIARD	111,405,917
4262	Burwood / Church	BURWOOD/CHURCH	103,243,622
4269	RIVERSDALE near FORDHOLM	RIVERSDALE NR FORDHOLM	86,065,701
4275	Glenferrie / Callantina	GLENFERRIE/CALLANTINA	81,081,865
4280	Burwood / William	BURWOOD/WILLIAM	80,905,863
4278	RIVERSDALE near KOOYONGKOOT	RIVERSDALE NR KOOYONGKOOT	75,197,671
4265	BURWOOD near LAUNDER	BURWOOD NR LAUNDER	73,068,178
4279	BURWOOD near MORANG	BURWOOD NR MORANG	64,347,089
4282	CHURCH near GROVE	CHURCH NR GROVE	59,947,798
4274	GLENFERRIE near URQUHART	GLENFERRIE NR URQUHART	59,669,347
4289	BURWOOD near BARTON	BURWOOD NR BARTON	55,297,550
4284	Glenferrie / Wakefield	GLENFERRIE/WAKEFIELD	47,503,012
4276	AUBURN near AIREDALE	AUBURN NR AIREDALE	31,797,651

## 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>