

Mount Waverley Traffic Intelligence Profile

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

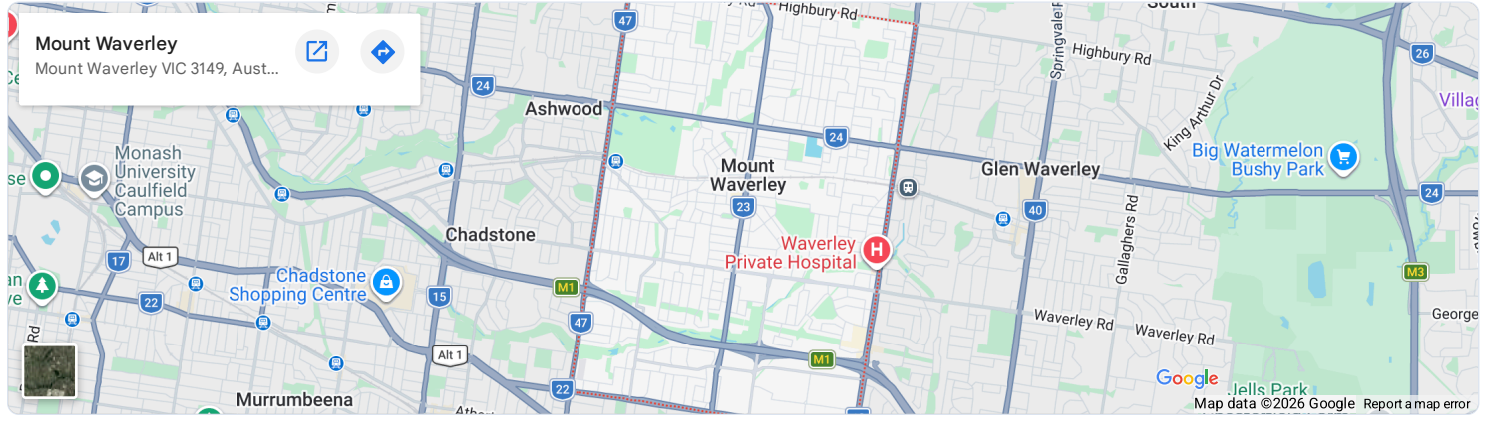
Generated: 20 May 2026 Suburb rank: #23 SCATS sites: 35 Postcode(s): 3125, 3149, 3168



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

Mount Waverley contains 35 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 3,997,594,626 vehicle movements, or approximately 3,997.6M.

The busiest mapped SCATS location in Mount Waverley is BLACKBURN near MATTHEW, with 264,472,189 recorded movements across the historical period.

3,997.6M
Total mapped vehicle movements

35
Mapped SCATS sites

#23
Melbourne suburb movement rank

114,216,989
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.

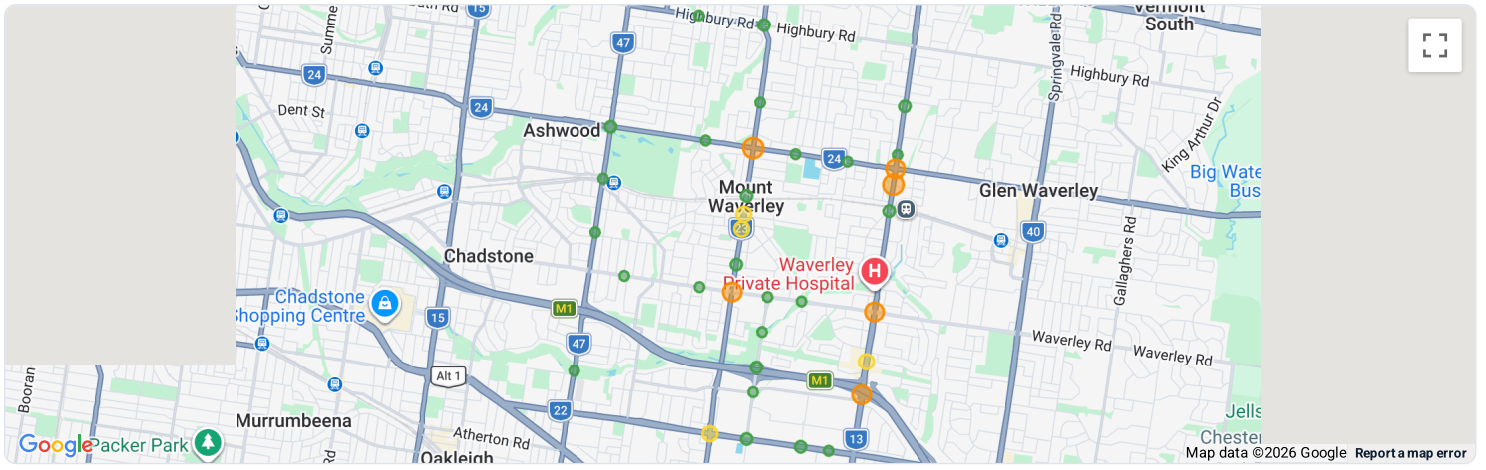
Top SCATS Sites in Mount Waverley

#	SCATS ID	Location	Total movements	Millions	Rank
1	544	BLACKBURN near MATTHEW BLACKBURN NR MATTHEW	264,472,189	264.5M	309
2	464	HIGH ST RD / STEPrinces Highway East HIGH ST RD/STEPHENSONS	257,202,137	257.2M	341
3	264	Monash / Blackburn MONASH/BLACKBURN	243,943,110	243.9M	397
4	483	STEPrinces Highway East STEPHENSONS/WAVERLEY	210,593,393	210.6M	614
5	360	Blackburn / Waverley BLACKBURN/WAVERLEY	203,316,629	203.3M	690
6	358	Blackburn / High Street Road BLACKBURN/HIGH ST RD	188,334,558	188.3M	832
7	4715	FERNTREE GULLY / CLAYTON / STEPrinces Highway East FERNTREE GULLY/CLAYTON/STEPHENSONS	170,670,641	170.7M	1020
8	353	Blackburn / Centreway BLACKBURN/CENTREWAY	164,360,480	164.4M	1099
9	482	STEPrinces Highway East STEPHENSONS/VIRGINIA	155,764,221	155.8M	1197
10	481	STEPrinces Highway East STEPHENSONS/WAIMARIE	154,744,702	154.7M	1219

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 **Mount Waverley**. 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: 35. 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

BLACKBURN near MATTHEW
264,472,189 vehicle movements
[Open busiest site in Google Maps](#)

Suburb Rank

Mount Waverley ranks #23 among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

Likely Dominant Corridors

- Stephensons
- High
- Blackburn
- Forster
- BLACKBURN
- WAVERLEY
- HUNTINGDALE
- Monash

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
544	BLACKBURN near MATTHEW	BLACKBURN NR MATTHEW	264,472,189
464	HIGH ST RD / Stephensons	HIGH ST RD/STEPHENSONS	257,202,137
264	Monash / Blackburn	MONASH/BLACKBURN	243,943,110
483	Stephensons / WAVERLEY	STEPHENSONS/WAVERLEY	210,593,393
360	Blackburn / Waverley	BLACKBURN/WAVERLEY	203,316,629
358	Blackburn / High Street Road	BLACKBURN/HIGH ST RD	188,334,558
4715	FERNTREE GULLY / CLAYTON / Stephensons	FERNTREE GULLY/CLAYTON/STEPHENSONS	170,670,641
353	Blackburn / Centreway	BLACKBURN/CENTREWAY	164,360,480
482	Stephensons / VIRGINIA	STEPHENSONS/VIRGINIA	155,764,221
481	Stephensons / WAIMARIE	STEPHENSONS/WAIMARIE	154,744,702
3196	HIGHBURY / Stephensons / MIDDLEB	HIGHBURY/STEPHENSONS/MIDDLEB	150,345,748
480	Stephensons / MILLER	STEPHENSONS/MILLER	147,587,177
359	Blackburn / Coleman	BLACKBURN/COLEMAN	146,825,260
463	High Street Road / Huntingdale	HIGH ST RD/HUNTINGDALE	143,276,646
4716	Ferntree Gully / Forster / Gardiner	FERNTREE GULLY/FORSTER/GARDINER	132,268,848
479	Stephensons near KEMP	STEPHENSONS NR KEMP	113,103,816
362	BLACKBURN near CHERRY	BLACKBURN NR CHERRY	109,975,526
263	Monash / Forster	MONASH/FORSTER	108,646,057
3725	Ferntree Gully / Gilby	FERNTREE GULLY/GILBY	108,136,895
476	Stephensons near SIMPSON	STEPHENSONS NR SIMPSON	91,074,428
453	BLACKBURN near TAMBO	BLACKBURN NR TAMBO	87,366,263
474	HUNTINGDALE near RAILWAY	HUNTINGDALE NR RAILWAY	82,734,114
487	Waverley / Forster	WAVERLEY/FORSTER	80,177,107
446	FERNTREE GULLY near HOWLEYS	FERNTREE GULLY NR HOWLEYS	76,784,317
466	High Street Road / Lawrence	HIGH ST RD/LAWRENCE	75,001,001
3281	HUNTINGDALE near ESTELLE	HUNTINGDALE NR ESTELLE	74,258,126
3963	Forster / Ricketts / Hardner	FORSTER/RICKETTS/HARDNER	74,052,563
465	HIGH ST RD near CHARLES	HIGH ST RD NR CHARLES	52,924,769
496	HIGH ST RD near ALVIE	HIGH ST RD NR ALVIE	52,847,408
1487	Waverley Rd btw Anthony Dr & Jennifer Ct	Waverley Rd btw Anthony Dr & Jennifer Ct	44,873,492
1486	FORSTER RD near WILGA ST	FORSTER RD NR WILGA ST	31,932,986
485	WAVERLEY near MCLAREN	WAVERLEY NR MCLAREN	10
471	HUNTINGDALE near MCLOCHLAN	HUNTINGDALE NR MCLOCHLAN	5
468	HIGHBURY near FINCH	HIGHBURY NR FINCH	2
486	WAVERLEY near PARK LANE	WAVERLEY NR PARK LANE	2

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>