

# Box Hill Traffic Intelligence Profile

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

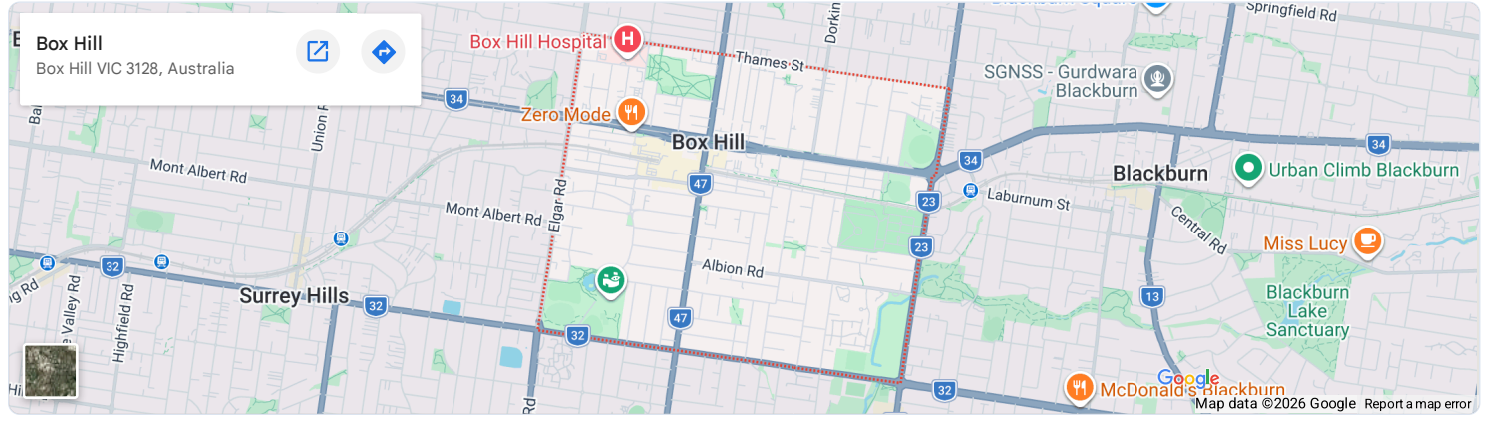
Generated: 20 May 2026   Suburb rank: #98   SCATS sites: 11   Postcode(s): 3128



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

Box Hill contains 11 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 1,724,204,278 vehicle movements, or approximately 1,724.2M.

The busiest mapped SCATS location in Box Hill is Maroondah / Station, with 271,175,069 recorded movements across the historical period.

**1,724.2M**  
Total mapped vehicle movements

**11**  
Mapped SCATS sites

**#98**  
Melbourne suburb movement rank

**156,745,843**  
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.

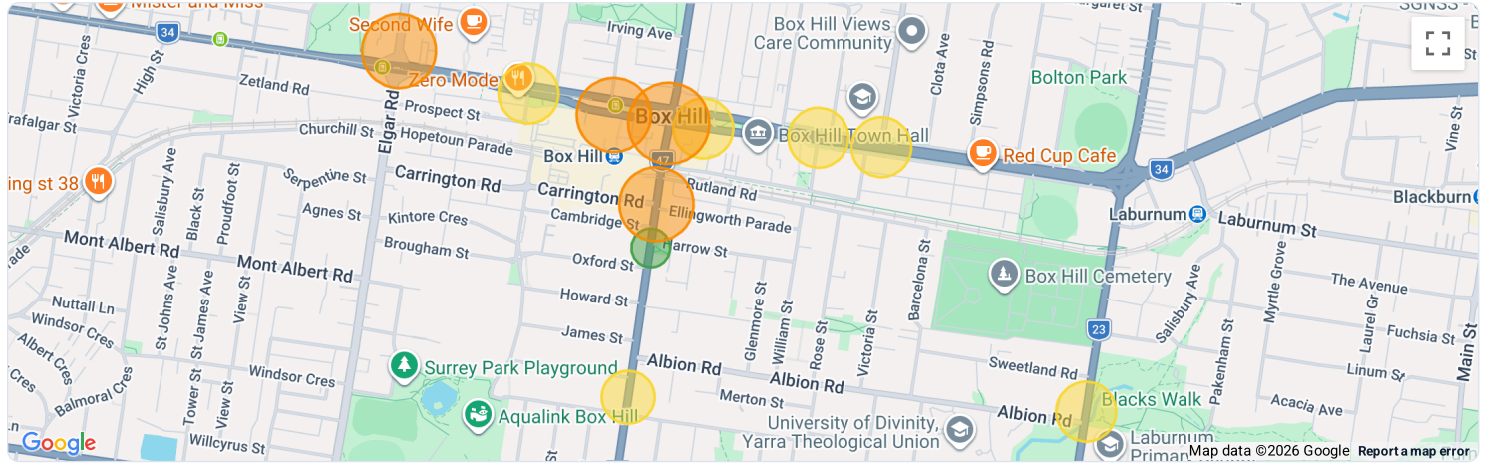
## Top SCATS Sites in Box Hill

#	SCATS ID	Location	Total movements	Millions	Rank
1	2206	Maroondah / Station MAROONDAH/STATION	271,175,069	271.2M	288
2	2219	ELGAR near MAROONDAH ELGAR NR MAROONDAH	211,938,388	211.9M	603
3	2205	MAROONDAH near MARKET MAROONDAH NR MARKET	211,342,441	211.3M	608
4	3939	Station / Carrington / Rutland STATION/CARRINGTON/RUTLAND	192,892,336	192.9M	795
5	2210	MAROONDAH near WATTS MAROONDAH NR WATTS	162,704,872	162.7M	1121
6	3193	Middleborough / Albion MIDDLEBOROUGH/ALBION	154,886,510	154.9M	1216
7	2207	Maroondah / Dorking MAROONDAH/DORKING	139,056,975	139.1M	1468
8	2204	Maroondah / Nelson MAROONDAH/NELSON	136,455,637	136.5M	1504
9	2209	Maroondah / Linsley MAROONDAH/LINSLEY	117,180,742	117.2M	1875
10	3134	STATION near KENT STATION NR KENT	91,686,590	91.7M	2495

**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 **Box Hill**. 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: 11. 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

**Maroondah / Station**  
 271,175,069 vehicle movements  
[Open busiest site in Google Maps](#)

### Suburb Rank

Box Hill ranks **#98** among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

### Likely Dominant Corridors

- Maroondah
- MAROONDAH
- ELGAR
- MARKET
- Carrington
- Rutland
- WATTS
- Middleborough

**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
2206	Maroondah / Station	MAROONDAH/STATION	271,175,069
2219	ELGAR near MAROONDAH	ELGAR NR MAROONDAH	211,938,388
2205	MAROONDAH near MARKET	MAROONDAH NR MARKET	211,342,441
3939	Station / Carrington / Rutland	STATION/CARRINGTON/RUTLAND	192,892,336
2210	MAROONDAH near WATTS	MAROONDAH NR WATTS	162,704,872
3193	Middleborough / Albion	MIDDLEBOROUGH/ALBION	154,886,510
2207	Maroondah / Dorking	MAROONDAH/DORKING	139,056,975
2204	Maroondah / Nelson	MAROONDAH/NELSON	136,455,637
2209	Maroondah / Linsley	MAROONDAH/LINSLEY	117,180,742
3134	STATION near KENT	STATION NR KENT	91,686,590
2073	Station Street near Harrow Street	Station Street near Harrow Street	34,884,718

## 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>