

Reservoir Traffic Intelligence Profile

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

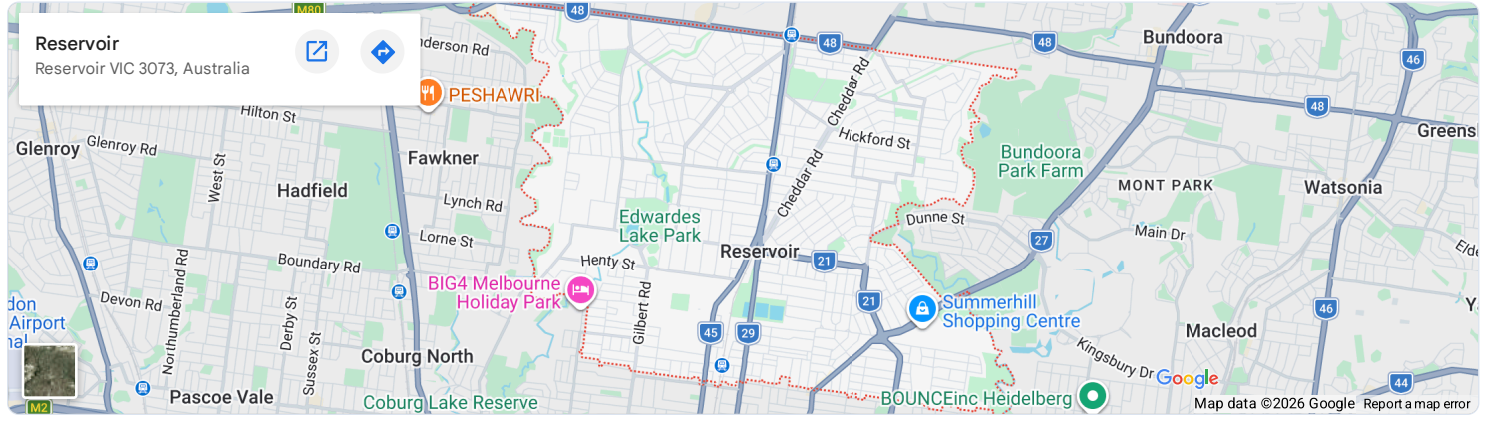
Generated: 20 May 2026 Suburb rank: #37 SCATS sites: 23 Postcode(s): 3073, 3074



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

Reservoir contains 23 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 3,496,846,044 vehicle movements, or approximately 3,496.8M.

The busiest mapped SCATS location in Reservoir is High / Spring / Cheddar, with 308,702,476 recorded movements across the historical period.

3,496.8M
Total mapped vehicle movements

23
Mapped SCATS sites

#37
Melbourne suburb movement rank

152,036,784
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.

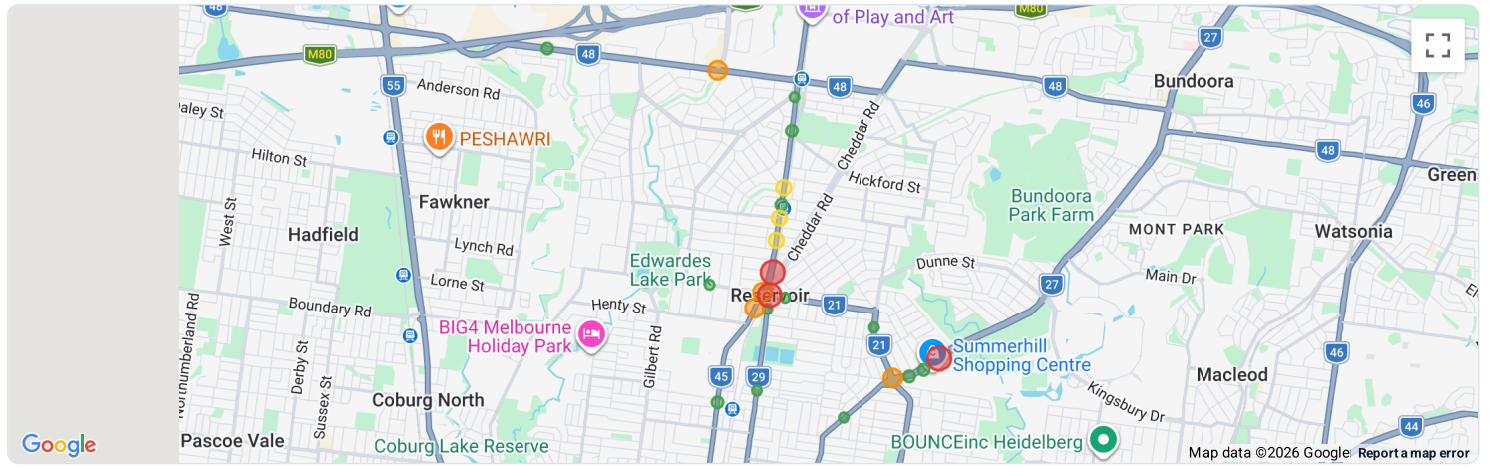
Top SCATS Sites in Reservoir

#	SCATS ID	Location	Total movements	Millions	Rank
1	3740	High / Spring / Cheddar HIGH/SPRING/CHEDDAR	308,702,476	308.7M	171
2	3745	Plenty / Gremel PLENTY/GREMEL	303,668,879	303.7M	176
3	3225	High / Broadway HIGH/BROADWAY	290,449,028	290.4M	213
4	3213	Spring between VIOLA & CLEELAND SPRING BTW VIOLA & CLEELAND	231,869,207	231.9M	460
5	4992	Mahoneys / Edgars MAHONEYS/EDGARS	200,484,996	200.5M	721
6	3732	Plenty / Albert / Boldrewood PLENTY/ALBERT/BOLDREWOOD	195,898,948	195.9M	761
7	4780	Spring / Edwardes SPRING/EDWARDES	193,560,868	193.6M	789
8	3224	High / Broadhurst HIGH/BROADHURST	170,761,780	170.8M	1015
9	3217	High / Allenby HIGH/ALLENBY	162,292,271	162.3M	1126
10	3226	HIGH near BARTON HIGH NR BARTON	159,577,655	159.6M	1154

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 **Reservoir**. 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: 23. 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

High / Spring / Cheddar
 308,702,476 vehicle movements
 Open busiest site in Google Maps

Suburb Rank

Reservoir ranks #37 among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

Likely Dominant Corridors

- High
- Plenty
- Spring
- Mahoneys
- Cheddar
- Gremel
- Broadway
- SPRING between

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
3740	High / Spring / Cheddar	HIGH/SPRING/CHEDDAR	308,702,476
3745	Plenty / Gremel	PLENTY/GREMEL	303,668,879
3225	High / Broadway	HIGH/BROADWAY	290,449,028
3213	SPRING between VIOLA & CLEELAND	SPRING BTW VIOLA & CLEELAND	231,869,207
4992	Mahoneys / Edgars	MAHONEYS/EDGARS	200,484,996
3732	Plenty / Albert / Boldrewood	PLENTY/ALBERT/BOLDREWOOD	195,898,948
4780	Spring / Edwardes	SPRING/EDWARDES	193,560,868
3224	High / Broadhurst	HIGH/BROADHURST	170,761,780
3217	High / Allenby	HIGH/ALLENBY	162,292,271
3226	HIGH near BARTON	HIGH NR BARTON	159,577,655
3739	Plenty / Loddon / Target Ent	PLENTY/LODDON/TARGET ENT	158,171,414
3746	Plenty / Franklins Access Road	PLENTY/FRANKLINS ACCESS RD	157,645,503
3227	HIGH near GLASGOW	HIGH NR GLASGOW	133,030,058
3228	HIGH near CHURCH	HIGH NR CHURCH	126,353,330
2770	Mahoneys / Industrial	MAHONEYS/INDUSTRIAL	125,074,698
3876	SPRING near VERDUN	SPRING NR VERDUN	100,893,238
3243	High / Reservoir Station Entry	HIGH/RESERVOIR STATION ENTRY	94,168,374
3216	BROADWAY near MARCHANT	BROADWAY NR MARCHANT	92,957,833
4795	BOLDREWOOD near GENOA	BOLDREWOOD NR GENOA	90,066,046
3235	HIGH near QUEEN	HIGH NR QUEEN	88,774,118
3731	PLENTY near ETHEL	PLENTY NR ETHEL	87,083,269
32115	High Street / Hughes Parade	HIGH STREET/HUGHES PARADE	21,347,851
1963	EDWARDES near HARBURY	EDWARDES NR HARBURY	4,014,204

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>