

Docklands 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: #40

SCATS sites: 31

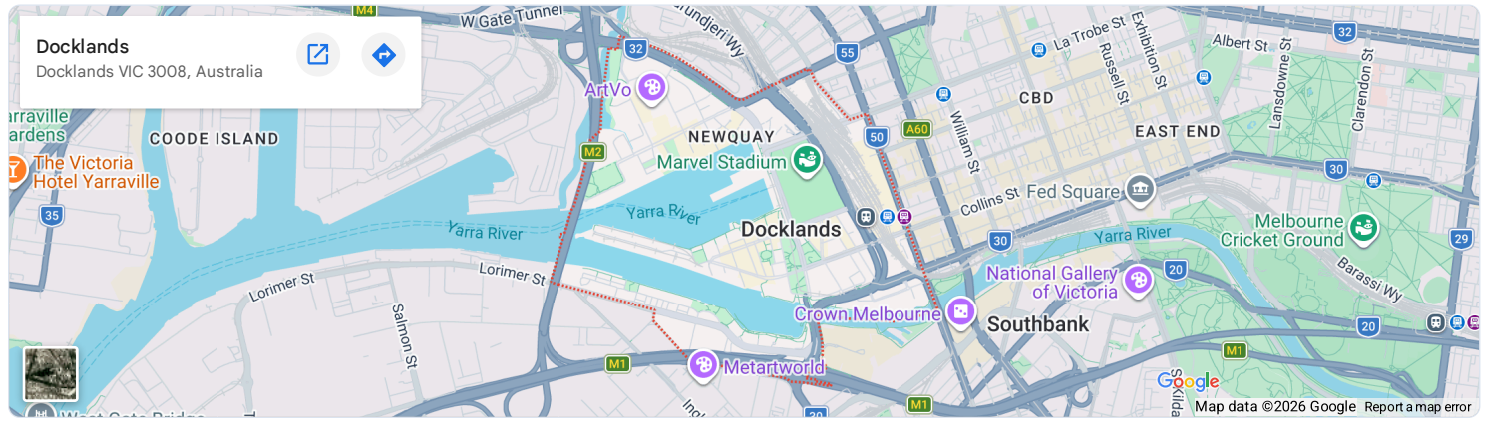
Postcode(s): 3006, 3008



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

Docklands contains 31 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 3,341,386,841 vehicle movements, or approximately 3,341.4M.

The busiest mapped SCATS location in Docklands is WESTGATE Freeway WB / MONTAGUE, with 325,605,948 recorded movements across the historical period.

3,341.4M

Total mapped vehicle movements

31

Mapped SCATS sites

#40

Melbourne suburb movement rank

107,786,672

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.

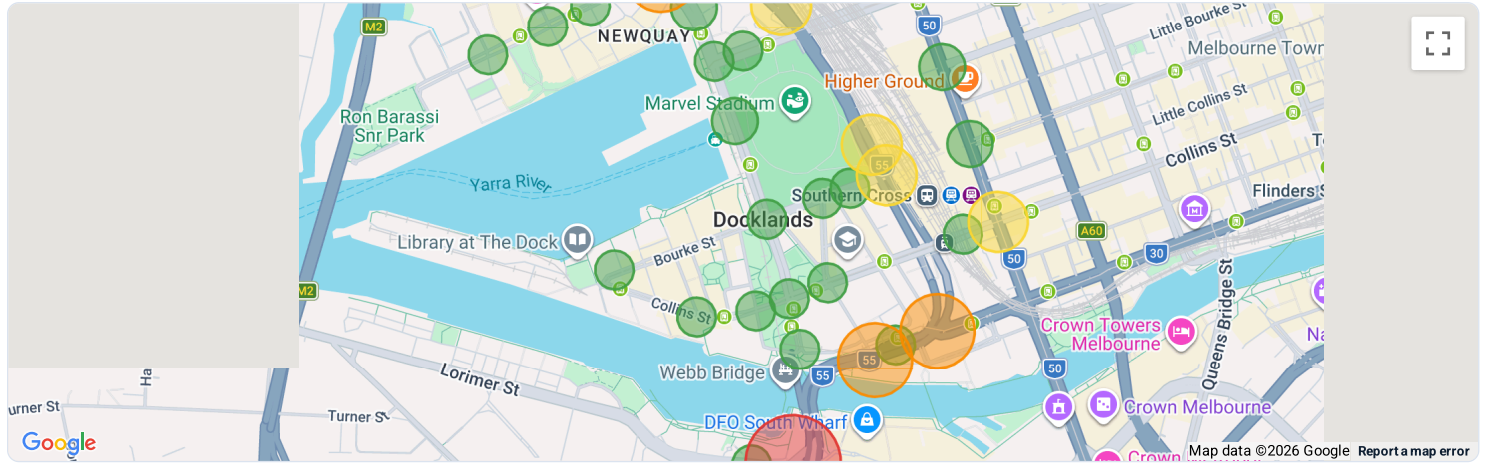
Top SCATS Sites in Docklands

#	SCATS ID	Location	Total movements	Millions	Rank
1	4901	WESTGATE Freeway WB / MONTAGUE WESTGATE FWY WB/MONTAGUE	325,605,948	325.6M	137
2	4902	Montague / Lorimer MONTAGUE/LORIMER	325,325,591	325.3M	138
3	4370	Wurundjeri / Batmans Hill Dr WURUNDJERI/BATMANS HILL DR	241,866,834	241.9M	410
4	4526	Wurundjeri / Flinders WURUNDJERI/FLINDERS	236,840,211	236.8M	432
5	4488	Wurundjeri / Dudley WURUNDJERI/DUDLEY	201,969,291	202.0M	705
6	4373	Footscray / Wurundjeri / Docklands / Harbour FOOTSCRAY/WURUNDJERI/DOCKLANDS/HARBOUR	184,851,571	184.9M	872
7	4437	Wurundjeri / Bourke WURUNDJERI/BOURKE	155,701,288	155.7M	1198
8	1065	Wurundjeri / Telstra Dome Se Ent WURUNDJERI/TELSTRA DOME SE ENT	140,010,858	140.0M	1453
9	4527	Wurundjeri / Telstra Dome N / E Entrance WURUNDJERI/TELSTRA DOME N/E ENTRANCE	132,442,764	132.4M	1548
10	4585	Spencer / Collins SPENCER/COLLINS	117,901,978	117.9M	1854

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 **Docklands**. 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: 31. 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

WESTGATE Freeway WB / MONTAGUE
325,605,948 vehicle movements
[Open busiest site in Google Maps](#)

Suburb Rank

Docklands ranks **#40** among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

Likely Dominant Corridors

- Wurundjeri
- Bourke
- Collins
- Docklands
- Batmans Hill
- Telstra Dome
- Spencer
- Harbour Esp

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
4901	WESTGATE Freeway WB / MONTAGUE	WESTGATE FWY WB/MONTAGUE	325,605,948
4902	Montague / Lorimer	MONTAGUE/LORIMER	325,325,591
4370	Wurundjeri / Batmans Hill Dr	WURUNDJERI/BATMANS HILL DR	241,866,834
4526	Wurundjeri / Flinders	WURUNDJERI/FLINDERS	236,840,211
4488	Wurundjeri / Dudley	WURUNDJERI/DUDLEY	201,969,291
4373	Footscray / Wurundjeri / Docklands / Harbour	FOOTSCRAY/WURUNDJERI/DOCKLANDS/HARBOUR	184,851,571
4437	Wurundjeri / Bourke	WURUNDJERI/BOURKE	155,701,288
1065	Wurundjeri / Telstra Dome Se Ent	WURUNDJERI/TELSTRA DOME SE ENT	140,010,858
4527	Wurundjeri / Telstra Dome N / E Entrance	WURUNDJERI/TELSTRA DOME N/E ENTRANCE	132,442,764
4585	Spencer / Collins	SPENCER/COLLINS	117,901,978
4602	Spencer / Bourke	SPENCER/BOURKE	109,739,495
2910	Spencer / Lonsdale	SPENCER/LONSDALE	105,851,185
1068	Harbour Esp / Comtechport Ent	HARBOUR ESP/COMTECHPORT ENT	105,261,900
1067	HARBOUR ESP near LA TROBE	HARBOUR ESP NR LA TROBE	100,346,429
4372	Harbour Esp / Bourke	HARBOUR ESP/BOURKE	84,210,827
1076	Georgiana / Wurundjeri	GEORGIANA/WURUNDJERI	79,010,144
2886	WESTGATE Freeway EB / LORIMER	WESTGATE FWY EB/LORIMER	77,562,848
1066	Harbour Esp / Latrobe	HARBOUR ESP/LATROBE	67,627,604
1075	COLLINS near SPENCER STATION	COLLINS NR SPENCER STATION	62,318,465
1072	Collins / Batmans Hill Dr	COLLINS/BATMANS HILL DR	57,178,804
1141	Collins / Harbour	COLLINS/HARBOUR	51,240,058
4476	Batmans Hill / Bourke / Telstra Dome Streeth Ent	BATMANS HILL/BOURKE/TELSTRA DOME STH ENT	49,197,338
1142	Collins / Navigation Dr	COLLINS/NAVIGATION DR	44,308,247
1191	Charles Grimes Bridge Off Ramp	CHARLES GRIMES BRIDGE OFF RAMP	44,269,902
1069	Docklands / Saint Mangos	DOCKLANDS/SAINT MANGOS	42,734,772
1188	Collins / Merchant	COLLINS/MERCHANT	42,690,550
3967	Docklands / Doepel / Waterfront	DOCKLANDS/DOEPEL/WATERFRONT	37,383,601
4515	LATROBE near HARBOUR	LATROBE NR HARBOUR	36,757,679
2951	Bourke / Aurora	BOURKE/AURORA	36,396,167
4163	Docklands Dr / Pearl River Road	DOCKLANDS DR/PEARL RIVER ROAD	32,582,171
1552	Bourke Street / Collins Street / Tom Thumb L	Bourke Street/Collins Street/Tom Thumb L	12,202,321

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>