

24-Jun-2021 15:17

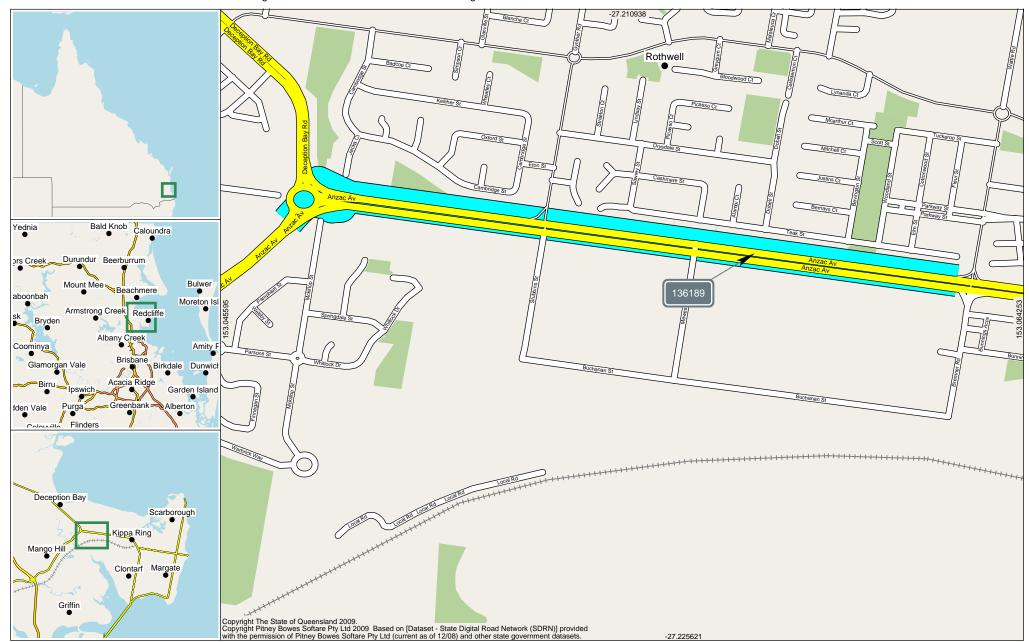
# Traffic Analysis and Reporting System AADT Segment Report

Area 407 - North Coast District
Road Segment from 10.430km to 12.020km Segmen Road Section 120 - REDCLIFFE ROAD Segment Site 136189 Traffic Year 2020

Data Collection Year 2020

Page 1 of 2 (1 of 7)

**TARS** 



# Traffic Analysis and Reporting System AADT Segment Report

**TARS** 

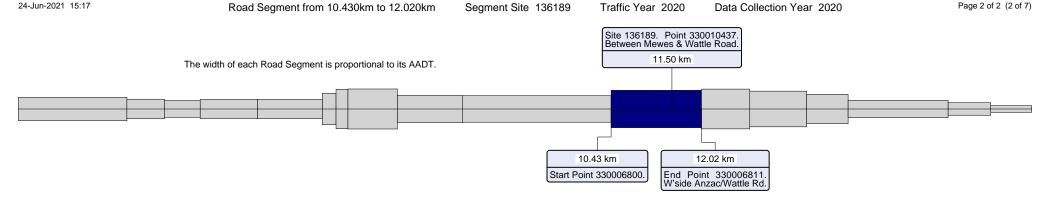
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Road Section 120 - REDCLIFFE ROAD Area 407 - North Coast District Segment Site 136189

Traffic Year 2020

Data Collection Year 2020

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All Vehicles (00)

G 21,467 100%

A 21,564 100%

B 43,031 100%

No Traffic Class data found.



# Report Notes for AADT Segment Report



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Queensland

**AADT Segment Annual Volume Report** 

Provides summary data for the selected AADT Segment of a Road Section. Summary data is presented as both directional information and a combined bi-directional figure. The data is then broken down by Traffic Class, when available. The report also includes maps displaying the location of both the AADT Segment and the traffic count site.

### Annual Average Daily Traffic (AADT)

Annual Average Daily Traffic (AADT) is the number of vehicles passing a point on a road in a 24 hour period, averaged over a calendar year.

### **AADT Segments**

The State declared road network is broken into Road Sections and then further broken down into AADT Segments. An AADT Segment is a sub-section of the declared road network where traffic volume is similar along the entire AADT Segment.

For administration purposes the Department of Transport and Main Roads has divided Queensland into 12 Districts. The Area field in TSDM reports displays the District Name and Number.

| District Name District     |     |
|----------------------------|-----|
| Central West District      | 401 |
| Darling Downs District     | 402 |
| Far North District         | 403 |
| Fitzroy District           | 404 |
| Mackay/Whitsunday District | 405 |
| Metropolitian District     | 406 |
| North Coast District       | 407 |
| North West District        | 409 |
| Northern District          | 408 |
| South Coast District       | 410 |
| South West District        | 411 |
| Wide Bay/Burnett District  | 412 |

### **AADT Values**

AADT values are displayed by direction of travel as:

- Traffic flow in gazettal direction
- Traffic flow against gazettal direction
  Traffic flow in both directions
- В

# **Data Collection Year**

Is the most recent year that data was collected at the data collection site.

# Please Note:

Due to location and/or departmental policy, some sites are not counted every year.

### **Gazettal Direction**

Is the direction of the traffic flow. It can be easily recognised by referring to the name of the road eg. Road Section: 10A Brisbane -Gympie denotes that the gazettal direction is from Brisbane to Gympie.

# Maps

Display the selected location from a range of viewing levels, the start and end position details for the AADT Segment and the location of the traffic count site.

### **Road Section**

Is the Gazetted road from which the traffic data is collected. Each Road Section is given a code, allocated sequentially in Gazettal Direction. Larger roads are broken down into sections and identified by an ID code with a suffix for easier data collection and reporting (eg. 10A, 10B, 10C). Road Sections are then broken into AADT Segments which are determined by traffic volume.

## **Segment Site**

Is the unique identifier for the traffic count site representing the traffic flow within the AADT Segment.

### Site

The physical location of a traffic counting device. Sites are located at a specified Through Distance along a Road Section.

# Site Description

The description of the physical location of the traffic counting device.

### **Start and End Point**

The unique identifier for the Through Distance along a Road Section.

### Vehicle Class

Traffic is categorised as per the Austroads Vehicle Classification scheme. Traffic classes are in the following hierarchical format:

### **Volume or All Vehicles**

00 = 0A + 0B

# **Light Vehicles**

0A = 1A 1A = 2A + 2B

# **Heavy Vehicles**

0B = 1B + 1C + 1D 1B = 2C + 2D + 2E 1C = 2F + 2G + 2H + 2I

= 2J + 2K + 2L

The following classes are the categories for which data can be captured:

# Volume

00 All vehicles

### 2-Bin

Light vehicles Heavy vehicles

0B

### 4-Bin

Short vehicles Truck or bus 1B

Articulated vehicles

1D Road train

### 12-Bin

Short 2 axle vehicles

Short vehicles towing 2 axle truck or bus

3 axle truck or bus

4 axle truck

3 axle articulated vehicle

4 axle articulated vehicle

2H 2I 5 axle articulated vehicle 6 axle articulated vehicle

B double

Double road train

Triple road train

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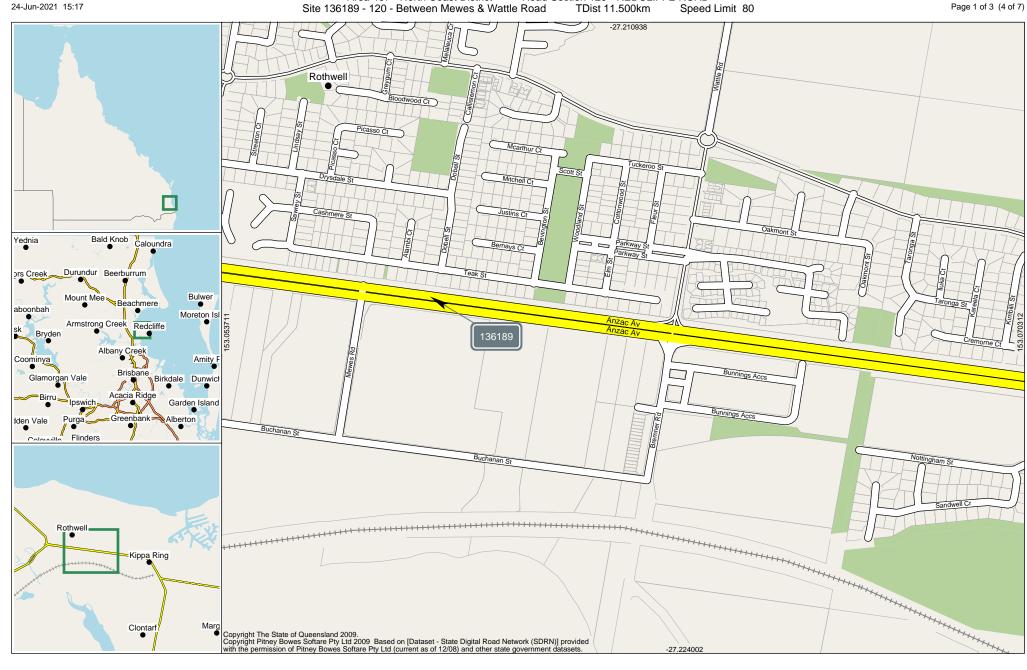


# Traffic Analysis and Reporting System Annual Volume Report

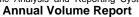
**TARS** 

Road Section 120 - REDCLIFFE ROAD Area 407 - North Coast District Site 136189 - 120 - Between Mewes & Wattle Road

TDist 11.500km Speed Limit 80







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**TARS** 



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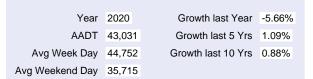
Area 407 - North Coast District Road Section 120 - REDCLIFFE ROAD

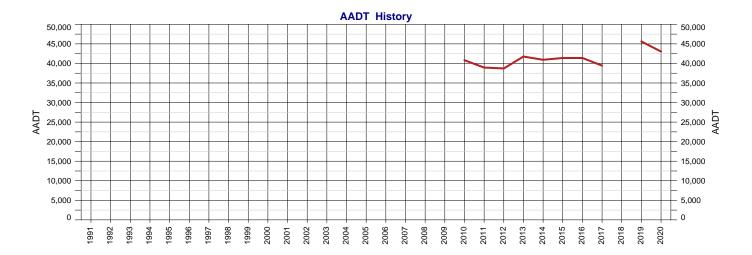
Site 136189 - 120 - Between Mewes & Wattle Road

Thru Dist 11.5

Type C - Coverage

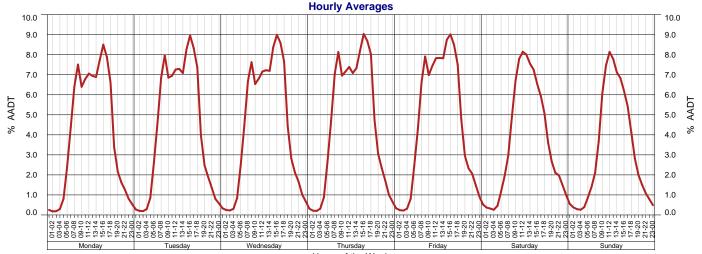
Stream TB - Bi-directional traffic flow





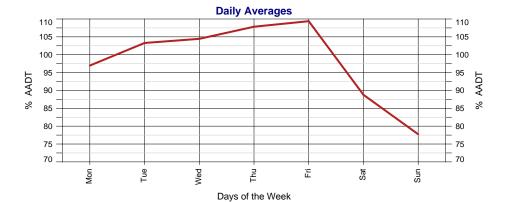
| Year | AADT   | 1-Year<br>Growth | 5-Year<br>Growth | 10-Year<br>Growth |
|------|--------|------------------|------------------|-------------------|
| 2020 | 43,031 | -5.66%           | 1.09%            | 0.88%             |
| 2019 | 45,614 |                  | 2.84%            |                   |
| 2018 |        |                  |                  |                   |
| 2017 | 39,444 | -4.71%           | -0.71%           |                   |
| 2016 | 41,394 | 0.00%            | 1.04%            |                   |
| 2015 | 41,392 | 1.12%            | 0.93%            |                   |
| 2014 | 40,932 | -1.98%           |                  |                   |
| 2013 | 41,760 | 7.88%            |                  |                   |
| 2012 | 38,711 | -0.61%           |                  |                   |
| 2011 | 38,948 | -4.59%           |                  |                   |
| 2010 | 40,823 |                  |                  |                   |
| 2009 |        |                  |                  |                   |
| 2008 |        |                  |                  |                   |
| 2007 |        |                  |                  |                   |
| 2006 |        |                  |                  |                   |

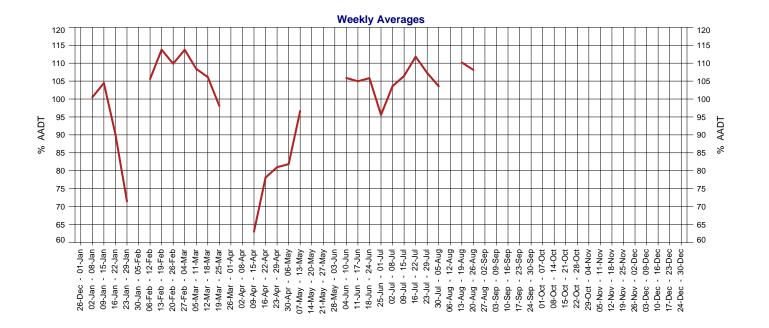
| Year | AADT | 1-Year<br>Growth | 5-Year<br>Growth | 10-Year<br>Growth |
|------|------|------------------|------------------|-------------------|
| 2005 |      |                  |                  |                   |
| 2004 |      |                  |                  |                   |
| 2003 |      |                  |                  |                   |
| 2002 |      |                  |                  |                   |
| 2001 |      |                  |                  |                   |
| 2000 |      |                  |                  |                   |
| 1999 |      |                  |                  |                   |
| 1998 |      |                  |                  |                   |
| 1997 |      |                  |                  |                   |
| 1996 |      |                  |                  |                   |
| 1995 |      |                  |                  |                   |
| 1994 |      |                  |                  |                   |
| 1993 |      |                  |                  |                   |
| 1992 |      |                  |                  |                   |
| 1991 |      |                  |                  |                   |
|      |      |                  |                  |                   |



Hours of the Week

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|    | 2020 Calendar    |    |      |     |    |    |    |    |           |      |    |       |    |  |    |    |    |      |     |        |    |   |      |    |       |     |    |    |
|----|------------------|----|------|-----|----|----|----|----|-----------|------|----|-------|----|--|----|----|----|------|-----|--------|----|---|------|----|-------|-----|----|----|
|    | January February |    |      |     |    |    |    |    |           |      |    | March |    |  |    |    |    |      |     | April  |    |   |      |    |       |     |    |    |
| M  | Т                | W  | Т    | F   | S  | S  | M  | Т  | W         | Т    | F  | S     | S  |  | М  | Т  | W  | Т    | F   | S      | S  | N | Т    | W  | Т     | F   | S  | S  |
|    |                  | 1  | 2    | 3   | 4  | 5  |    |    |           |      |    | 1     | 2  |  | 30 | 31 |    |      |     |        | 1  | _ |      | 1  | 2     | 3   | 4  | 5  |
| 6  | 7                | 8  | 9    | 10  | 11 | 12 | 3  | 4  | 5         | 6    | 7  | 8     | 9  |  | 2  | 3  | 4  | 5    | 6   | 7      | 8  | 6 | 7    | 8  | 9     | 10  | 11 | 12 |
| 13 | 14               | 15 | 16   | 17  | 18 | 19 | 10 | 11 | 12        | 13   | 14 | 15    | 16 |  | 9  | 10 | 11 | 12   | 13  | 14     | 15 | 1 | 3 14 | 15 | 16    | 17  | 18 | 19 |
| 20 | 21               | 22 | 23   | 24  | 25 | 26 | 17 | 18 | 19        | 20   | 21 | 22    | 23 |  | 16 | 17 | 18 | 19   | 20  | 21     | 22 | 2 | 21   | 22 | 23    | 24  | 25 | 26 |
| 27 | 28               | 29 | 30   | 31  |    |    | 24 | 25 | 26        | 27   | 28 | 29    |    |  | 23 | 24 | 25 | 26   | 27  | 28     | 29 | 2 | 28   | 29 | 30    |     |    |    |
|    |                  |    |      |     |    |    |    |    |           |      |    |       |    |  |    |    |    |      |     |        |    |   |      |    |       |     |    |    |
|    |                  |    | May  |     |    |    |    |    | June July |      |    |       |    |  |    |    |    |      |     | August |    |   |      |    |       |     |    |    |
| М  | Т                | W  | Т    | F   | S  | S  | М  | Т  | W         | Т    | F  | S     | S  |  | М  | Т  | W  | Т    | F   | S      | S  | N | Т    | W  | Т     | F   | S  | S  |
|    |                  |    |      | 1   | 2  | 3  | 1  | 2  | 3         | 4    | 5  | 6     | 7  |  |    |    | 1  | 2    | 3   | 4      | 5  | 3 |      |    |       |     | 1  | 2  |
| 4  | 5                | 6  | 7    | 8   | 9  | 10 | 8  | 9  | 10        | 11   | 12 | 13    | 14 |  | 6  | 7  | 8  | 9    | 10  | 11     | 12 | 3 | 4    | 5  | 6     | 7   | 8  | 9  |
| 11 | 12               | 13 | 14   | 15  | 16 | 17 | 15 | 16 | 17        | 18   | 19 | 20    | 21 |  | 13 | 14 | 15 | 16   | 17  | 18     | 19 | 1 | 11   | 12 | 13    | 14  | 15 | 16 |
| 18 | 19               | 20 | 21   | 22  | 23 | 24 | 22 | 23 | 24        | 25   | 26 | 27    | 28 |  | 20 | 21 | 22 | 23   | 24  | 25     | 26 | 1 | 7 18 | 19 | 20    | 21  | 22 | 23 |
| 25 | 26               | 27 | 28   | 29  | 30 | 31 | 29 | 30 |           |      |    |       |    |  | 27 | 28 | 29 | 30   | 31  |        |    | 2 | 1 25 | 26 | 27    | 28  | 29 | 30 |
|    |                  |    |      |     |    |    |    |    |           |      |    |       |    |  |    |    |    |      |     |        |    |   |      |    |       |     |    |    |
|    |                  | Se | ptem | ber |    |    |    |    | O         | ctob | er |       |    |  |    |    | No | veml | oer |        |    |   |      | De | eceml | ber |    |    |
| М  | Т                | W  | Т    | F   | S  | S  | М  | Т  | W         | Т    | F  | s     | s  |  | М  | Т  | W  | Т    | F   | s      | S  | N | Т    | W  | Т     | F   | S  | S  |
|    | 1                | 2  | 3    | 4   | 5  | 6  |    |    |           | 1    | 2  | 3     | 4  |  | 30 |    |    |      |     |        | 1  |   | 1    | 2  | 3     | 4   | 5  | 6  |
| 7  | 8                | 9  | 10   | 11  | 12 | 13 | 5  | 6  | 7         | 8    | 9  | 10    | 11 |  | 2  | 3  | 4  | 5    | 6   | 7      | 8  | 7 | 8    | 9  | 10    | 11  | 12 | 13 |
| 14 | 15               | 16 | 17   | 18  | 19 | 20 | 12 | 13 | 14        | 15   | 16 | 17    | 18 |  | 9  | 10 | 11 | 12   | 13  | 14     | 15 | 1 | 1 15 | 16 | 17    | 18  | 19 | 20 |
| 21 | 22               | 23 | 24   | 25  | 26 | 27 | 19 | 20 | 21        | 22   | 23 | 24    | 25 |  | 16 | 17 | 18 | 19   | 20  | 21     | 22 | 2 | 22   | 23 | 24    | 25  | 26 | 27 |
| 28 | 29               | 30 |      |     |    |    | 26 | 27 | 28        | 29   | 30 | 31    |    |  | 23 | 24 | 25 | 26   | 27  | 28     | 29 | 2 | 3 29 | 30 | 31    |     |    |    |



### Traffic Analysis and Reporting System **Report Notes for Annual Volume Report**



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**Annual Volume Report** 

Displays AADT history with hourly, daily and weekly patterns by Stream in addition to annual data for AADT figures with 1 year, 5 year and 10 year growth rates.

# Annual Average Daily Traffic (AADT)

Annual Average Daily Traffic (AADT) is the number of vehicles passing a point on a road in a 24 hour period, averaged over a calendar year.

### **AADT History**

Displays the years when traffic data was collected at this count site.

For administration purposes the Department of Transport and Main Roads has divided Queensland into 12 Districts. The Area field in TSDM reports displays the District Name and Number.

| District Name District     |     |
|----------------------------|-----|
| Central West District      | 401 |
| Darling Downs District     | 402 |
| Far North District         | 403 |
| Fitzroy District           | 404 |
| Mackay/Whitsunday District | 405 |
| Metropolitian District     | 406 |
| North Coast District       | 407 |
| North West District        | 409 |
| Northern District          | 408 |
| South Coast District       | 410 |
| South West District        | 411 |
| Wide Bay/Burnett District  | 412 |
|                            |     |

# Avg Week Day

Average daily traffic volume during the week days, Monday to Friday.

### Avg Weekend Day

Average daily traffic volume during the weekend, Saturday and Sunday.

# Calendar

Days on which traffic data was collected are highlighted in green.

# **Gazettal Direction**

The Gazettal Direction is the direction of the traffic flow. It can be easily recognised by referring to the name of the road eg. Road Section: 10A Brisbane - Gympie denotes that the gazettal direction is from Brisbane to Gympie.

- Traffic flowing in Gazettal Direction
- Traffic flowing against Gazettal Direction
  The combined traffic flow in both Directions

### **Growth Percentage**

Represents the increase or decrease in AADT, using a exponential fit over the previous 1, 5 or 10 year period.

# Hour, Day & Week Averages

The amount of traffic on the road network will vary depending on the time of day, the day of the week and the week of the year. The ebb and flow of traffic travelling through a site over a period of time forms a pattern. The Hour, Day and Week Averages are then used in the calculation of AADT.

# **Road Section**

Is the Gazetted road from which the traffic data is collected. Each Road Section is given a code, allocated sequentially in Gazettal Direction. Larger roads are broken down into sections and identified by an ID code with a suffix for easier data collection and reporting (eg. 10A, 10B, 10C). Road Sections are then broken into AADT Segments which are determined by traffic volume.

### Site

The unique identifier and description of the physical location of a traffic counting device. Sites are located at a Through Distance along a Road Section.

# **Stream**

The lane in which the traffic is travelling in. This report provides data for the combined flow of traffic in both directions.

# Thru Dist or TDist

The distance from the beginning of the Road Section, in kilometres.

# Type

There are two types of traffic counting sites, Permanent and Coverage. Permanent means the traffic counting device is in place 24/7. Coverage means the traffic counting device is in place for a specified period of time.

### Year

Is the current year for the report. Where an AADT Year record is missing a traffic count has not been conducted, for that year.

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