

**YARRA**

Updated for latest City Circle frequencies, 4/2/2002

Notes:

This spreadsheet looks only at peak services. Off-peak Service are usually easier to check, as they involve a regular number of trams per hour  
 Read in conjunction with Yarra Trams franchise contract at <http://www.contracts.vic.gov.au/>. Contract specifies required frequency.  
 For detailed notes, move your cursor over the cells with the red triangles in the corners.  
 Questions, suggestions, or if you spot any errors, please e-mail to Daniel Bowen: [dbowen@custard.net.au](mailto:dbowen@custard.net.au). Thanks.

Service (Numbers measured at)	Direction	Franchise agreement			Actual trams scheduled			Longest interval (b)	Comments (inc reason for breach)
		Time	Mins	Frequency required	Total	Avg Freq (a)			
<b>YARRA TRAMS SERVICES (based on timetables on Yarra's web site, January 2002)</b>									
11 W Preston to City (Collins/Spencer Sts)	Peak am to Melb	07:31-09:30	120	6	21	5.71	OK	Now operated with route 12 as route 112	
	Peak pm from Mel	15:31-18:30	180	6	30	6.00	OK		
		18:31-19:30	60	12	5	12.00	OK		
12 Sth Mel/St K Bch to City (Vic Pde/Brunswick St)	Peak am to Melb	07:31-09:30	120	9	16	7.50	OK	Now operated with route 11 as route 112	
	Peak pm from Mel	15:31-18:30	180	8	25	7.20	OK		
		18:31-19:30	60	9	6	10.00	BREACH		
30/34 La Trobe St (Spencer/LaTrobe Sts)	Peak am to Melb	07:31-09:30	120	10	20	6.00	OK	Includes additional trips formerly operated as route 109 via LaTrobe Street Last service from City 18:08pm. Contract specifies not before 18:15.	
	Peak pm from Mel	15:31-18:30	180	10	22	8.18	OK		
		18:31-19:30	60	None					
35 City Circle	Peak am to Melb	07:31-09:30	120	None	12	15.00	BREACH	15 Breach due to problems with W class trams Required Thu-Sat nights during summer time	
	Peak pm from Mel	15:31-18:30	180	10					
		18:31-19:30	60	10					
48 N Balwyn to City (Flinders St West)	Peak am to Melb	07:31-09:30	120	8	18	6.67	OK		
	Peak pm from Mel	15:31-18:30	180	8	25	7.20	OK		
		18:31-19:30	60	15	4	15.00	OK		
70 Wattle Park to City (Flinders St West)	Peak am to Melb	07:31-09:30	120	9	15	8.00	OK		
	Peak pm from Mel	15:31-18:30	180	10	21	8.57	OK		
		18:31-19:30	60	15	4	15.00	OK		
75 E Burwood to City (Spencer/LaTrobe Sts)	Peak am to Melb	07:31-09:30	120	10	15	8.00	OK		
	Peak pm from Mel	15:31-18:30	180	10	20	9.00	OK		
		18:31-19:30	60	15	4	15.00	OK		
86 Bundoora to City (Spencer/Bourke Sts)	Peak am to Melb	07:31-09:30	120	7	18	6.67	OK		
	Peak pm from Mel	15:31-18:30	180	7	28	6.43	OK		
		18:31-19:30	60	10	7	8.57	OK		
96 St Kilda to City... (Exhibition Buildings)	Peak am to Melb	07:31-09:30	120	8	18	6.67	OK		
	Peak pm from Mel	15:31-18:30	180	8	27	6.67	OK		
		18:31-19:30	60	12	5	12.00	OK		
96 E Brunswick to City (Exhibition Buildings)	Peak am to Melb	07:31-09:30	120	8	19	6.32	OK		
	Peak pm from Mel	15:31-18:30	180	8	26	6.92	OK		
		18:31-19:30	60	12	5	12.00	OK		
109a P Melb to City (Vic Pde/Brunswick St)	Peak am to Melb	07:31-09:30	120	8	19	6.32	OK	Strictly speaking, a breach because if 109 is run as one route, the operator is required to run the whole route at the higher of the two frequencies (eg 109b)	
	Peak pm from Mel	15:31-18:30	180	10	29	6.21	OK		
		18:31-19:30	60	12	5	12.00	OK		
109b Mont Albert to City (Collins/Spencer Sts)	Peak am to Melb	07:31-09:30	120	6	24	5.00	OK		
	Peak pm from Mel	15:31-18:30	180	6	35	5.14	OK		
		18:31-19:30	60	12	7	8.57	OK		

**Cell:** C9

**Comment:** Times measured at location in brackets

**Cell:** D9

**Comment:** Number of minutes measured in this row

**Cell:** E9

**Comment:** Average maximum frequency of trams required under the franchise agreement

**Cell:** G9

**Comment:** Total number of trams that actually run

**Cell:** H9

**Comment:** The overall frequency. (Number of minutes divided by number of trams)

**Cell:** J9

**Comment:** The longest interval between trams at these times (shown only where contract is breached)