

KILOMETRES OPERATED BY EACH DEPOT
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AS AT 26TH JUNE 1989
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(kilos)

	<u>MONDAY</u>	<u>FRIDAY</u>	<u>SATURDAY</u>	<u>SUNDAY</u>
BRUNSWICK	6936.588	6999.927	4218.400 4700.652(F)	2000.207(W) 2239.417(S)
CAMBERWELL	7030.048	7030.048	5054.957	2407.182
ESSENDON	11612.375	11773.370	7096.813	2253.667
GLENHUNTLY	9561.983	9561.983	8038.979	2730.203
KEW	9168.251	9168.251	5160.794	2196.413
MALVERN	12445.841	12445.841	8678.851	3994.435
NTH FITZROY	2067.662	2067.662	1560.08	629.767
PRESTON	11519.804	11773.866	5318.441	2621.575
STH.MELBOURNE	8202.61	8280.451	6052.256	3045.819(W) 3361.087(S)

78545.161	79101.399	51661.823(F) 51179.571(NF)	21879.268(W) 22433.746(S)
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MONDAY	14687945 kms (187)	SATURDAY F	1343207.4 kms (26)
FRIDAY	3796867.1kms (48)	NF	1330668.8 kms (26)
		SUNDAY W	568860.97kms (26)
		S	583277.40kms (26)

	<u>BASIC HOLIDAY</u>	<u>GOOD FRIDAY</u>	<u>ANZAC DAY</u>	<u>LABOUR DAY</u>	<u>SPECIAL MON-THUR</u>	<u>SPECIAL FRI</u>
BRUNSWICK	2121.574N 2717.222X	1824.960	2700.572	2779.490	5845.009	6068.975
CAMBERWELL	2634.194N 4167.726X	2634.194	4145.142	6490.839	6449.529	6449.529
ESSENDON	4289.654N 5695.14 X	3894.281	5695.14	7486.09	9287.376	11093.246
GLENHUNTLY	4090.685N 6152.855X	4090.685	5863.185	8042.47	8633.225	8633.225
KEW	2438.91 N 4350.866X	2406.549	4338.45	5669.117	7933.232	7933.232
MALVERN	4645.132N 7688.350X	4312.391	7660.05	3260.199	7339.619	7339.619
NTH FITZROY	1325.320N 1325.320X	935.855	1374.56	1467.840	2036.525	2036.525
PRESTON	2710.520N 4076.951X	2710.520	1593.859	7527.540	4049.558	4049.558
STH MELBOURNE	3397.173N 3028.32 X	3212.075	4862.037	6352.947	7621.844	7012.421
	27693.162N 39202.75 X	26021.510	38232.995	49076.532	59195.918	60616.331

W = WINTER SERVICE

N = NEW BASIC HOLIDAY BLOCK

S = SUMMER SERVICE

X = OLD BASIC HOLIDAY BLOCK

F = FOOTBALL SERVICE

NF = NO FOOTBALL SERVICE

GOOD FRIDAY	52043.02kms (2)	SPECIAL MON - THUR	710351.016kms (12)
ANZAC DAY	38232.995kms (1)	SPECIAL FRIDAY	181848.993kms (3)
LABOUR DAY	49076.532kms (1)	BASIC HOLIDAY	193852.134kms (7)
		N	274419.25 kms
		X	

YEARLY KILOMETRES TOTAL 23646950 kms

THE MET
TRAM DIVISION
TRAM REQUIREMENTS ON EACH ROUTE

Route	Depot	Type	Mon-Thurs.				Friday		Sat.	Sun.
			A.M.	O-P	P.M.	A.M.	O-P	P.M.		
Airport West	Ess	Z	30	13	32	29	18*	32	13	6Ø
Bundoora	EP	Z	39	27*	41	38	27*	39	13	8
Camberwell	Mal	W	18	9Ø	17	18	9Ø	17	10	6
Carnegie	GH	W	18	9Ø	21	18	9Ø	21	9Ø	5Ø
East Brighton	GH	W	19	9	20	19	9	20	9Ø	5Ø
East Brunswick - St.Kilda Beach	NF	A/B	10	7	10	10	7	10	5	3
	SM	A/B	8	2	8	8	2	8	3	3
East Burwood	Cw1	Z	22	14*	28	22	14*	28	10	6
East Coburg - South Melbourne Beach	Bwk	W	10	7	11	10	7	11	4	3W/4S
	SM	W	6	2	9	6	2	9	4	2W/3S
East Malvern	GH	W	12	9Ø	12	12	9Ø	12	8	-
Footscray - Moonee Ponds	Ess	Z	6	5	6	6	5	6	6	-
Glen Iris	Mal	W	18	9Ø	17	18	9Ø	17	8	4Ø
Kew (Cotham Rd.) - St. Kilda Beach	Mal	W	16	7	12	16	7	12	8	4W/5S
	GH	W	1	-	-	1	-	-	-	-
	Kew	W	1	-	-	1	-	-	-	-
	EP	W	4	3	4	4	3	4	-	-
	Kew	A/W	-	1	-	-	1	-	-	-
Malvern	Mal	W	12	8	14	12	8	14	7	2
Mont Albert	Kew	A/W	30	15*	31	30	15*	31	9	5
Moreland - St. Kilda Beach	Bwk	W	9	4	8	9	4	8	5	1
	SM	W	10	6	7	10	6	7	4	5W/7S
	Mal	W	-	-	2	-	-	2	-	-
	Kew	A/W	27	9*	30	27	9*	30	8	5
North Coburg	Bwk	Z/W	24	18	30	24	22*	30	14	10*
Northcote - Thornbury	EP	W	2	1	2	2	1	2	1	1
North Richmond - Prahran/St.Kilda Beach	GH	W	6	4	4	6	4	4	3	2
	Kew	W	3	3	4	3	3	4	3	1
	SM	A	6	5	6	6	6	6	5	3
Port Melbourne - Exhibition	Mal	W	16	7	19	16	7	19	6	4Ø
Toorak	SM	W	6	-	-	6	-	-	-	-
	Cw1	Z	15	8	15	15	8	15	8	4
Wattle Park	Ess	Z	19	8	17	19	8	17	8	6Ø
West Coburg - Domain Road	GH	W	1	-	-	1	-	-	-	-
	SM	W	3	-	5	3	-	5	-	-
West Maribyrnong	Ess	Z	16	12*	17	16	12*	17	8	-
West Preston-South Melb.&St.Kilda Beach	EP	W	26	15	31	26	15	31	6	5
	SM	W	10	10	11	10	10	11	4	2
			479	266	501	477	276	499	209	111W/116S

* - "short services" included in these figures.
 Sat.- Saturday morning. W - Winter
 Sun.- Sunday afternoon. S - Summer

Ø Alternate trip system in operation on the following routes
 and vehicle requirements are halved: -
 Weekdays: Carnegie/East Malvern, Camberwell/Glen Iris
 Sat/Sun : Carnegie/East Brighton
 Sunday : Airport West/West Coburg, Glen Iris - Toorak

APPROXIMATE AVERAGE HEADWAY

	EARLY A.M.	A.M. PEAK	OFF PEAK	P.M. PEAK	LAST ROUND	SAT. MORN.	SUN. A'NOON
Airport West	10	6	8	4	20	8	15
(Niddrie)	-	6	-	4	-	-	-
Bundoora	12	6	12	6	20	10	15
(Lat.Univ.)	12	6	12	6	-	-	-
Camberwell	10	6	12	7	20	12	20
Carnegie	10	5	12	5	20	12	20
East Brighton	12	5	12	5	20	12	20
East Brunswick (LRT)	12	6	12	6	20	12	20
East Burwood	8	4	12	4	20	12	20
East Coburg	10	6	12	7	20	12	20W/15S
East Malvern	12	8	12	8	20	12	(bus)
Footscray-Moonee Ponds	15	12	15	12	30	12	(bus)
Glen Iris	10	4	12	5	20	12	20
Kew-St.Kilda Beach	10	8	12	8	20	12	20
Latrobe Street Shuttle	14	4	10	4	-	-	-
Malvern	12	6	12	6	20	12	20
Mont Albert	10	4	8	3.5	20	12	20
Moreland	10	6	12	7	20	12	20W/15S
North Balwyn	12	4	12	4	20	12	20
North Coburg	10	6	5	3	20	6	10
(Coburg)	-	6	-	-	-	-	-
Northcote-Thornbury	10	6	16	6	20	12	20
North Richmond-Prahran	14	12	12	12	-	12	-
North Richmond-St.Kilda Bch.	-	-	-	-	20	-	20
Port Melbourne (LRT)	18	10	12	12	20	12	20
South Melbourne Beach	10	6	12	6	20	12	20W/15S
Sth.Melb.-St.Kilda Beach	15	7	12	7	20	12	20
St.Kilda Beach	9	6	12	6	20	12	15W/10S
St.Kilda Beach (LRT)	12	6	12	6	20	12	20
Toorak	12	3.5	12	4	20	12	20
Wattle Park	10	6	12	7	20	12	20
West Coburg	12	4	12	5	20	12	15
West Maribyrnong	10	5.5	12	6	20	12	(bus)
(North Melbourne)	-	-	12	-	-	-	-
West Preston	10	3	8	3	20	12	20

W - Winter

S - Summer

5 October, 1989

JD:JH

F:66

THE MET
TRAM BRANCH

<u>Route</u>	<u>Length (kms)</u>	<u>Tram Type</u>	<u>Km's Operated</u>				
			<u>Sunday</u>	<u>Mon-Thurs</u>	<u>Friday</u>	<u>Saturday</u>	
Airport West	14.017	Z	1,306.389	4,746.544	5,067.422	2,730.621	
Bundoora	18.59	Z	1,637.948	6,632.939	6,903.301	3,350.282	
Camberwell	16.028	W	1,233.094	3,090.426	3,090.426	2,573.862	
Carnegie	14.645	W	1,140.473	3,043.645	3,043.645	2,390.371	
East Brighton	15.273	W	1,159.134	2,927.827	2,927.827	2,393.187	
East Brunswick - St.Kilda Beach (IRT)	14.92	B	1,189.934	3,710.507	3,710.507	2,534.272	
East Burwood	18.057	Z	1,385.254	4,365.326	4,365.326	2,921.594	
East Coburg - South Melbourne Beach	13.079	W	983.408	2,791.673	3,080.299	2,150.634	
East Malvern	13.841	W	-	2,000.136	2,000.136	2,143.240	
Elgar Road	12.955	Z	994.926	2,667.176	2,667.176	2,119.036	
Footscray - Moonee Ponds	9.065	Z	-	1,290.090	1,361.306	542.722	
Glen Iris	11.956	W	875.598	2,599.164	2,599.164	1,897.984	
Kew (Cotham Rd.) - St.Kilda Beach	11.731	W	944.487	2,741.703	2,741.703	2,000.587	
Malvern	11.861	W	270.141	1,695.145	1,695.145	1,502.121	
Mont Albert	13.695	A/W	1,065.930	4,887.619	4,887.619	2,440.866	
Moreland - St.Kilda Beach	15.284	W	846.842	2,834.628	2,839.362	1,994.638	
North Balwyn	13.341	A/W	899.346	3,603.649	3,603.649	2,191.720	
North Coburg	10.251	Z/W	1,348.166	3,955.526	4,107.908	2,149.330	
Northcote - Thornbury	0.612	W		Included in West Preston - S.M. & St.K.B.			
North Richmond - Prahran	6.810	A/W	25.080	830.404	830.404	495.330	
North Richmond - St.Kilda Beach	7.610	A/W	563.140	281.570	281.570	646.850	
Port Melbourne - Exhibition (IRT)	9.753	A	824.761	1,831.939	1,831.939	1,786.416	
Toorak	8.771	W	631.512	1,507.473	1,507.473	1,368.276	
*West Coburg - Domain Road	17.5	Z/W	960.091	2,854.800	2,844.200	2,081.200	
West Maribymong	11.715	Z	-	2,733.657	2,680.115	1,885.902	
West Preston - South Melb. & St.Kilda Bch.	18.105	W	1,428.800	6,204.360	6,204.360	3,178.704	

21,714.454 75,827.926 76,871.982 51,469.745

TOTAL TRACK LENGTH 342.7

* Sundays route operates West Coburg - Elizabeth & Flinders Streets. (10.037 km's)

TRAM OPERATIONS DEVELOPMENT DEPARTMENT

ROUTE STATISTICAL INFORMATION

<u>ROUTE</u>	<u>LENGTH (KM'S)</u>	<u>RESERVED TRACK</u>	<u>RUNNING TIMES (MINS)</u>	<u>AVERAGE SPEED (KM'S/H)</u>
Airport West	14.017	1.706 (12.17%)	40	21.025
			42	20.024
			46	18.283
			48	17.521
			51	16.490
Bundoora	18.59	4.998 (26.88%)	52	21.450
			58	19.231
			62	17.990
			63	17.704
			65	17.160
Camberwell	16.028	-	44	21.856
			45	21.370
			48	20.035
			49	19.626
			50	19.233
			51	18.856
			53	18.144
			54	17.808
			56	17.172
			57	16.871
Carnegie	14.645	1.352 (9.23%)	59	16.299
			65	14.795
			42	20.921
			46	19.102
			48	18.306
			50	17.574
			53	16.579
East Brighton	15.273	3.142 (20.57%)	55	15.976
			57	15.415
			58	15.150
			41	22.350
			45	20.364
			47	19.497
			49	18.701
East Brunswick - St.Kilda Beach (LRT)	14.92	4.851 (32.51%)	52	17.622
			53	17.290
			56	16.363
			40	22.380
			41	21.834
			42	21.314
			44	20.345
			45	19.893
47	19.046			
48	18.650			

<u>Route</u>	<u>Length (Km's)</u>	<u>Reserved Track</u>	<u>Running Times (Mins)</u>	<u>Average Speed (Km's/h)</u>
East Burwood	18.057	3.199 (17.72%)	51	21.243
			52	20.835
			55	19.698
			56	19.346
			58	18.679
			62	17.474
East Coburg-City (Franklin St.)	7.479	-	20	22.437
			22	20.397
			24	18.697
			25	17.949
			26	17.259
City (Flinders St)- East Coburg	8.733	-	26	20.153
			27	19.406
			29	18.068
			30	17.466
			31	16.902
			32	16.374
			33	15.878
			34	15.412
East Malvern	13.841	1.352 (9.77%)	37	22.444
			42	19.772
			43	19.313
			45	18.454
			47	17.669
			50	16.609
			54	15.378
Footscray - Moonee Ponds	9.065	2.936 (32.39%)	27	20.144
			30	18.130
Glen Iris	11.956	-	32	22.417
			34	21.098
			36	19.926
			38	18.877
			40	17.934
			43	16.682
			44	16.303
			46	15.594
Kew (Cotham Rd.) - St.Kilda Beach	11.731	-	33	21.329
			35	20.110
			36	19.551
			37	19.023
			39	18.047
			40	17.596
Malvern	11.861	3.142 (26.49%)	42	16.758
			32	22.239
			36	19.768
			38	18.727
			40	17.791
			42	16.944
			45	15.814
46	15.470			

<u>Route</u>	<u>Length (Km's)</u>	<u>Reserved Track</u>	<u>Running Times (Mins)</u>	<u>Average Speed (Km's/h)</u>
Mont Albert	13.695	1.288 (9.40%)	38	21.623
			42	19.564
			45	18.260
			49	16.769
			53	15.503
			54	15.216
Moreland - City (Franklin St.)	7.239	-	20	21.717
			21	20.682
			24	18.097
			25	17.373
			26	16.705
			28	15.512
City (Flinders St) Moreland	8.493	-	26	19.599
			28	18.199
			29	17.571
			30	16.986
			31	16.438
			32	15.924
			33 <i>34</i>	15.441 <i>14.987</i>
North Balwyn	13.341	-	39	20.524
			41	19.523
			43	18.615
			48	16.676
			52	15.393
North Coburg	10.251	-	33	18.638
			35	17.573
			37	16.623
			40	15.376
			41	15.001
			42	14.644
Northcote - Thornbury	0.612	0.612 (100%)	2	18.360
Nth. Richmond - Prahran	6.810	-	21	19.457
			24	17.025
			29	14.089
			30	13.620
North Richmond - St.Kilda Beach	7.610	-	23	19.852
			27	16.911
			32	14.268
Port Melbourne - Exhibition (IRT)	9.753	6.242 (64.00%)	22	26.599
			23	25.442
			25	23.407
			28	20.899
Sth. Melb. Beach - City (Flinders St)	4.346	-	11	23.705
			12	21.730
			14	18.625
			15	17.384
			16	16.297
			<i>17</i>	<i>15.338</i>
			<i>18</i>	<i>14.486</i>

<u>Route</u>	<u>Length (km's)</u>	<u>Reserved Track</u>	<u>Running Times (Mins)</u>	<u>Ave. Speed (Km's/h)</u>
City(Franklin St)- Sth.Melb.Beach	5.6	-	17	19.764
			19	17.684
			21	16.000
			22	15.272
			24	14.000
			26	12.923
Sth.Melb.&St.K.Bch - City (Coll & Spen)	6.051	-	19	19.108
			20	18.153
			21	17.288
			22	16.502
St.Kilda Bch.-City (Flinders St.)	6.791	-	17	23.968
			19	21.445
			20	20.373
			21	19.402
			22	18.520
			23 24	16.977 17.715
			27 25	16.298 15.091
City(Franklin St)- St.Kilda Beach	8.045	-	23	20.986
			24	20.112
			26	18.565
			27	17.877
			28	17.239
			30	16.090
			32 33	14.627 15.084
			35	13.791
Toorak	8.771	-	25	21.050
			26	20.240
			28	18.795
			30	17.542
			32	16.445
			35	15.036
			37	14.223
Wattle Park	12.955	-	35	22.208
			38	20.350
			40	19.332
			44	17.665
			48	16.193
West Coburg-City (Eliz & Flin Sts)	10.037	3.240 (32.28%)	29	20.766
			30	20.074
West Coburg - Domain Road	17.5	5.450 (31.14%)	36	29.166
			39	26.923
			41	25.609
			42	25.000
			45	23.333
			46	22.826
			47	22.340

<u>Route</u>	<u>Length</u> <u>(Km's)</u>	<u>Reserved</u> <u>Track</u>	<u>Running</u> <u>Times</u> <u>(Mins)</u>	<u>Ave.</u> <u>Speed</u> <u>(Km's/h)</u>
West Maribyrnong	11.715	.962 (8.21%)	36	19.525
			40	17.572
			44	15.975
West-Preston-City (Coll & Spen.Sts)	12.054	-	37	19.547
			39	18.544
			40	18.081
			41	17.640
			43	16.819
			44	16.437
45	16.072			
<u>Iatrobe Street</u> Bwk.St.-Spen.St.	2.301	0.600 (26.07%)	10	13.806
			12	11.505
			13	10.620
Caulfield Station- St.Kilda Beach (Race days only)	5.618	-	17	19.828

April, 1989.

JD/BP
F1570

THE MET
 =====
 TRAM ROLLING STOCK ALLOCATION as at 05-07-89

REQUIRED LARG NO.	BWK	CAMB	EDON	GHTLY	KEW	MVERN	N.F	PTON	S.MELB	HAWT	SHOP	TOTAL
	49	43	72	57	65	81	10	78	50	0	0	505
TRAM TYPE												
A/W	22			57	65	81	4	37	42			308
B							6		8			14
Z	27	43	72					41				183
ALLOCATION												
W2									3	4	4	11
SW2				1								1
W5				7	4	10		4	6			31
SW5	11			22	7	32		10	16			98
W6	2			8	4	8		2	6			30
SW6	13			27	19	41		4	16			120
W7				9		5		24	2			40
L			1								1	2
PCC										1		1
V		1										1
X2		1										1
Y										1		1
Y1									1	3		4
Z1	16	23	39					22				100
Z2								14				14
Z3	15	31	52					17				115
A1					28 P							28
A2					16		5 K		21 K			42
B							6		12			18
TOTAL												
	57	56	92	74	78	96	11	97	83	9	5	658

LARGEST "A/W" TRAM REQUIREMENT 308
 LARGEST "B" TRAM REQUIREMENT 14
 LARGEST "Z" TRAM REQUIREMENT 183
 =====
 LARGEST NUMBER OF TRAMS REQUIRED 505
 ACTUAL NUMBER OF TRAMS INCLUDES SPARES 658

P INCLUDES 6 TROLLEY POLE TRAMS

K NORTH FITZROY RECEIVES TRAMS ON A ROTATION BASIS FROM SOUTH MELBOURNE
 CURRENT REQUIREMENTS CALL FOR 6 "B" CLASS TRAMS

(STOCK)

J. MCDONALD

MANAGER TRAM SCHEDULES AND ROSTERS

METROPOLITAN TRANSIT AUTHORITY

TRAM AND BUS DIVISIONS

A.T. & M.O.E.A. - UNION EXECUTIVE & DEPOT DELEGATES

PRESIDENT	MONICA HART (KEW)	
(SR) VICE PRESIDENT	SAM BRANCIFORTE (BRUNSWICK)	
(JR) VICE PRESIDENT	BRUNO RENDINA (CIVIL)	
SECRETARY	JIM HARPER	
ASSIST. SECRETARY	ROHAN BYRNES	
TREASURER	STEVE BELL (ESSENDON)	
ORGANISER	TONY MARTIN (ELWOOD)	
BRUNSWICK	B. SPRIGGS	HEC CAMA
CAMBERWELL	R. PURVES	BASIL FINNIGAN
DONCASTER	G. LOCKWOOD	BILL DONNELLY
ESSENDON	T. RITCHIE	LOU DIGREGORIO
ELWOOD	D. MCGUIGAN <i>K. KELLY</i>	KEITH LAVERY
FOOTSCRAY	K. COOPER <i>D. MCGUIGAN</i>	JOE VAKA
GLENHUNTLY	G. HATFIELD	DERRICK MOSES
KEW	K. JEFFREY	JOHN ANDREWS
MALVERN	F. TULLBERG <i>G. BLUNKINSOP</i>	DAVID LEWIS
NORTH FITZROY	H. JACKSON	MALIK MELHEM
PRESTON	J. COLLIVER	JOHN FENECH
SOUTH MELBOURNE	I. ROSE	JEFF CHRISTIE <i>ALF DE BAKKER</i>

TWO YEAR PERIOD - 1/1/89 - 31/12/90.