



AUSTRALIAN RAIL TRACK CORPORATION LTD

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Western Division

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TRAIN OPERATING CONDITIONS

wwestern

Western Section Pages

WESTERN SECTION PAGES

Status sheet 19 (Issued August 2004)

This table shows the current status of units in this manual.

This sheet must be used to check that your manual contains all of these units and that each unit is up to date.

When a new status sheet is forwarded to you, it is your responsibility to add, remove or replace any pages or units from this manual as instructed in the **bold** print on the new status sheet.

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Section location Map |

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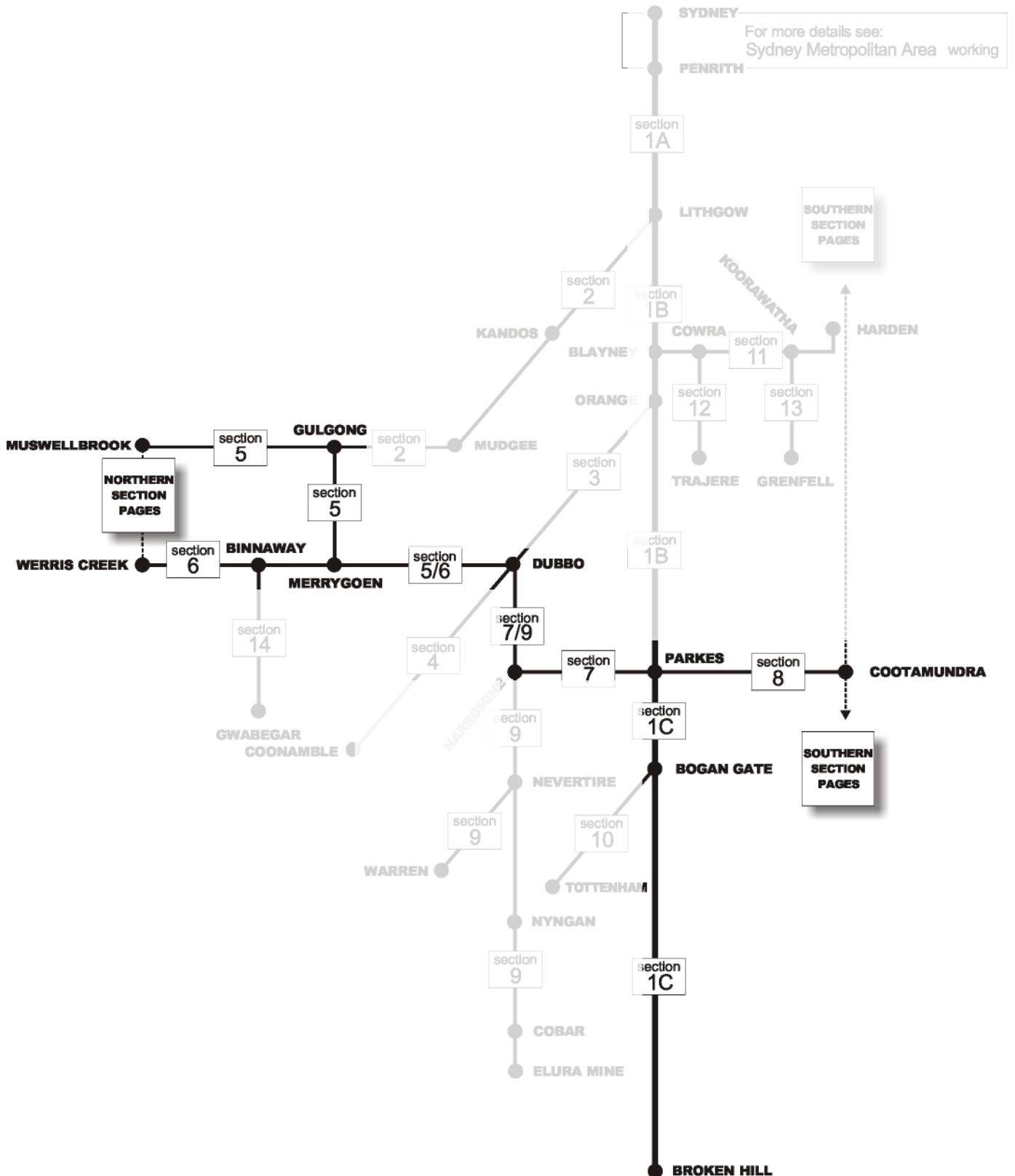
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Passenger train running times |

SECTION LOCATION MAP



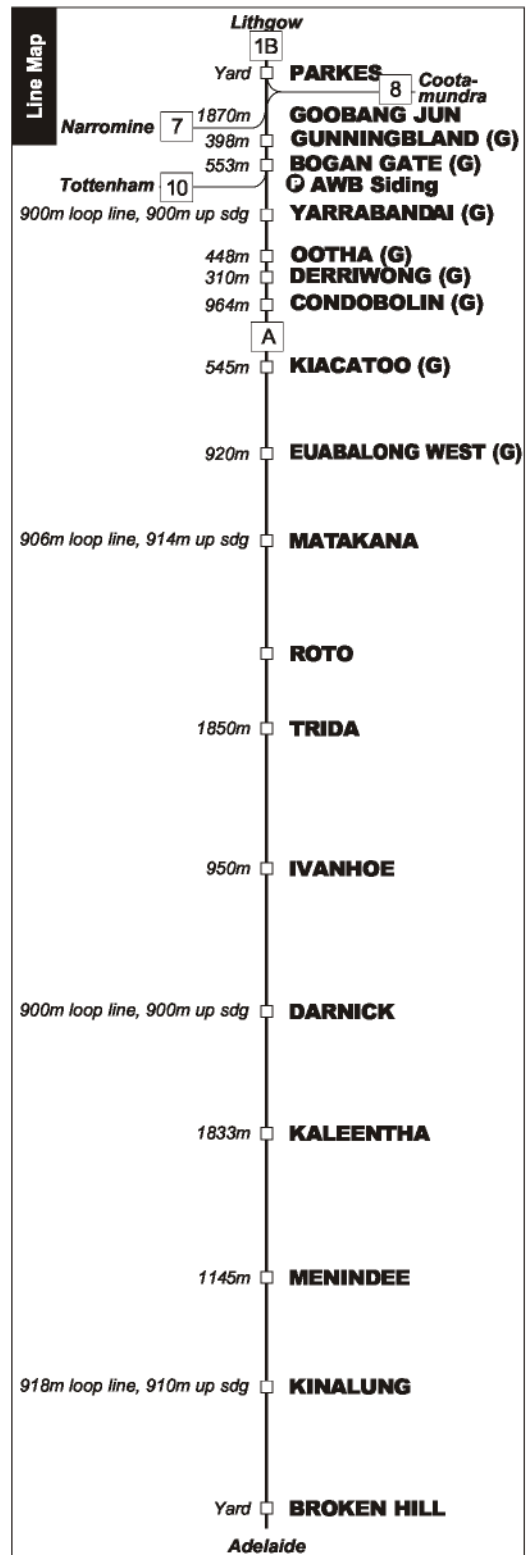
Parkes - Broken Hill

section 1C

Maximum Speed of Locomotives and Rolling Stock

Class of Track	SECTIONS						Notes
	Parkes - Broken Hill						
Line Map reference	A	B	C	D	E	F	
Locomotives							
Multiple Locos	4						
S1	N/A						
S2	100						
S3	115						
S4	115						
S5	115						
S6	115						
S7	90						
S8	115						
S9	115						
S10	115						
S11	80						
S12	100						
S13	100						
Freight							
Class A	115						
Class B	100						
Class C	80						
Class D	65						
Class E	80						
Class F	N/A						
Class G	N/A						
Passenger							
XPT	145						
Xplorer	145						
Diesel Train	115						
Loco Hauled	115						
Accident Cranes							
70 tonne	60						
110 tonne	115						
120 tonne	50						
Notes							

NOTES:



Safeworking System

Parkes to Gunningbland
Gunningbland to Bogan Gate
Bogan Gate to Yarrabandai
Yarrabandai to Ootha
Ootha to Derriwong
Derriwong to Condobolin
Condobolin to Kiacatoo
Kiacatoo to Euabalong West
Euabalong West to Matakana

Train Order
Train Order
Train Order
Train Order
Train Order
Train Order
Train Order
Train Order
Train Order
Train Order

Matakana to Roto
Roto to Trida
Trida to Ivanhoe
Ivanhoe to Darnick
Darnick to Kaleentha
Kaleentha to Menindee
Menindee to Kinalung
Kinalung to Broken Hill

Train Order
Train Order
Train Order
Train Order
Train Order
Train Order
Train Order
Train Order

DOWN	LOADS & CONDITIONS SECTIONS	LOCO- MOTIVE CLASS = L	LOCOMOTIVES					TRAIN DATA		NOTES
			SINGLE	DOUBLE	TRIPLE	QUAD	QUIN	VEHICLE CLASS	SECT RUN TIMES	
			LOADS TONNES							
1	PARKES – BROKEN HILL	L2	850	1700	--	--	--	A	A1	
2	GOOBANG JCT – BROKEN HILL	L2	1500	3000	4500	6000	--	A	A2	
3	PARKES – BROKEN HILL	L2	2100	4200	6300	8400	--	A	A3	
4	PARKES – BROKEN HILL	L3/L4	1500	3000	4500	6000	--	A	A3	
5	PARKES – BROKEN HILL	L9	1000	2000	3000	4000	--	A	A3	
6	PARKES – BROKEN HILL	L2	2100	4200	6300	8400	--	ABCE	C1	
7	PARKES – BROKEN HILL	L3/L4	1500	3000	4500	6000	--	ABCE	C1	
8	PARKES – BROKEN HILL	L2	3000	6000	--	--	--	ABCE	C2	
9	PARKES – BROKEN HILL	L3/L4	2200	4400	6600	--	--	ABCE	C2	
10	PARKES – BROKEN HILL	L3/L4	2500	5000	--	--	--	ABCE	C3	
11	PARKES – BROKEN HILL	L5	2331	4662	--	--	--	ABCE	C3	
12	PARKES – BROKEN HILL	L6	2086	4172	--	--	--	ABCE	C3	
13	PARKES – BROKEN HILL	L7	2032	4064	--	--	--	ABCE	C3	
14	PARKES – BROKEN HILL	L8	1975	3950	--	--	--	ABCE	C3	
15	PARKES – BROKEN HILL	L9	1704	3408	--	--	--	ABCE	C3	
16	PARKES – BROKEN HILL	L10	1643	3286	--	--	--	ABCE	C3	
17	PARKES – BROKEN HILL	L11	1510	3020	4530	--	--	ABCE	C3	
18	PARKES – BROKEN HILL	L12	1410	2820	4230	--	--	ABCE	C3	
19	PARKES – BROKEN HILL	L3/L4	2500	5000	--	--	--	ABCDE	D1	

DOWN	SECTIONAL RUNNING TIMES									FULL SECTIONAL LOADS														GRADE
	LOCOMOTIVE CATEGORIES = L																							
	A1	A2	A3	C1	C2	C3	D1	Loco		1	2	3	4	5	6	7	8	9	10	11	12	13	14	
PARKES	3	4	4	5	6	6	2		2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984	1:100			
GOOBANG JCT	14	16	17	20	22	24	27	13	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984	1:100			
GUNNINGBLAND	8	7	8	10	11	11	12	7	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984	1:100			
BOGAN GATE	12	12	13	17	17	17	21	12	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600	Level			
YARRABANDAI	7	8	9	11	12	13	15	7	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984	1:100			
OOTHA	6	7	7	9	10	10	11	6	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984	1:100			
DERRIWONG	11	10	11	14	15	15	18	11	3855	3562	3369	3171	2803	2726	2660	2295	2210	2036	1900	1326	1:150			
CONDOBOLIN ##	19	20	22	26	26	28	32	19	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600	Level			
KIACATOO	..	..	..	..	..	..	..	..	3855	3562	3369	3171	2803	2726	2660	2295	2210	2036	1900	1326	1:150
GUNEBANG	22	23	26	33	33	35	41	22	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600	Level			
EUABALONG WEST	25	26	31	37	38	41	46	25	3855	3562	3369	3171	2803	2726	2660	2295	2210	2036	1900	1326	1:150			
MATAKANA	23	23	25	33	33	34	40	23	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600	Level			
ROTO	24	24	27	34	35	37	43	24	3855	3562	3369	3171	2803	2726	2660	2295	2210	2036	1900	1326	1:150			
TRIDA	36	37	43	53	55	58	66	36	3855	3562	3369	3171	2803	2726	2660	2295	2210	2036	1900	1326	1:150			
IVANHOE	35	37	42	52	55	58	67	35	3855	3562	3369	3171	2803	2726	2660	2295	2210	2036	1900	1326	1:150			
DARNICK	35	36	41	52	55	58	67	35	3855	3562	3369	3171	2803	2726	2660	2295	2210	2036	1900	1326	1:150			
KALEENTHA	36	38	43	53	57	59	68	36	3855	3562	3369	3171	2803	2726	2660	2295	2210	2036	1900	1326	1:150			
MENINDEE	35	42	50	53	63	69	72	35	3855	3562	3369	3171	2803	2726	2660	2295	2210	2036	1900	1326	1:150			
KINALUNG	39	47	58	58	78	91	91	39	3855	3562	3369	3171	2803	2726	2660	2295	2210	2036	1900	1326	1:150			
BROKEN HILL																								

6 minutes Condobolin to Condobolin Wheat

UP	LOADS & CONDITIONS SECTIONS	LOCO- MOTIVE CLASS = L	LOCOMOTIVES					TRAIN DATA		NOTES
			SINGLE	DOUBLE	TRIPLE	QUAD	QUIN	VEHICLE CLASS	SECT RUN TIMES	
			LOADS TONNES							
1	BROKEN HILL - PARKES	L2	850	1700	--	--	--	A	A1	
2	BROKEN HILL - GOOBANG JCT	L2	1500	3000	4500	6000	--	A	A2	
3	BROKEN HILL - PARKES	L2	2100	4200	6300	8400	--	A	A3	
4	BROKEN HILL - PARKES	L3/L4	1500	3000	4500	6000	--	A	A3	
5	BROKEN HILL - PARKES	L9	1000	2000	3000	4000	--	A	A3	
6	BROKEN HILL - PARKES	L2	2100	4200	6300	8400	--	ABCE	C1	
7	BROKEN HILL - PARKES	L3/L4	1500	3000	4500	6000	--	ABCE	C1	
8	BROKEN HILL - PARKES	L2	3000	6000	--	--	--	ABCE	C2	
9	BROKEN HILL - PARKES	L3/L4	2200	4400	6600	--	--	ABCE	C2	
10	BROKEN HILL - PARKES	L3/L4	2500	5000	--	--	--	ABCE	C3	
12	BROKEN HILL - PARKES	L5	2331	4662	--	--	--	ABCE	C3	
13	BROKEN HILL - PARKES	L6	2086	4172	--	--	--	ABCE	C3	
14	BROKEN HILL - PARKES	L7	2032	4064	--	--	--	ABCE	C3	
15	BROKEN HILL - PARKES	L8	1975	3950	--	--	--	ABCE	C3	
16	BROKEN HILL - PARKES	L9	1704	3408	--	--	--	ABCE	C3	
17	BROKEN HILL - PARKES	L10	1643	3286	--	--	--	ABCE	C3	
18	BROKEN HILL - PARKES	L11	1510	3020	4530	--	--	ABCE	C3	
19	BROKEN HILL - PARKES	L12	1410	2820	4230	--	--	ABCE	C3	
20	BROKEN HILL - PARKES	L6	2086	4127	--	--	--	ABCE	C3	
21	BROKEN HILL - PARKES	L3/L4	2500	5000	--	--	--	ABCDE	D1	

UP	SECTIONAL RUNNING TIMES									FULL SECTIONAL LOADS														GRADE
	LOCOMOTIVE CATEGORIES = L																							
	A1	A2	A3	C1	C2	C3	D1	Loco		1	2	3	4	5	6	7	8	9	10	11	12	13	14	
BROKEN HILL to:	↻	↻	↻	↻	↻	↻	↻	↻		↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	
KINALUNG	40	41	43	50	51	51	59	39	3855	3562	3369	3171	2803	2726	2660	2295	2210	2036	1900	1326	1:150			
MENINDEE	33	33	35	48	49	50	59	35	3855	3562	3369	3171	2803	2726	2660	2295	2210	2036	1900	1326	1:150			
KALEENTHA	39	43	50	56	62	67	72	36	3855	3562	3369	3171	2803	2726	2660	2295	2210	2036	1900	1326	1:150			
DARNICK	35	37	43	52	56	60	68	35	3855	3562	3369	3171	2803	2726	2660	2295	2210	2036	1900	1326	1:150			
IVANHOE	35	37	43	52	56	60	68	35	3855	3562	3369	3171	2803	2726	2660	2295	2210	2036	1900	1326	1:150			
TRIDA	38	41	49	55	60	65	70	36	3855	3562	3369	3171	2803	2726	2660	2295	2210	2036	1900	1326	1:150			
ROTO	24	26	31	35	40	44	45	24	3855	3562	3369	3171	2803	2726	2660	2295	2210	2036	1900	1326	1:150			
MATAKANA	23	25	30	33	38	41	42	23	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600	DG			
EUABALONG WEST	25	27	32	37	40	44	46	25	3855	3562	3369	3171	2803	2726	2660	2295	2210	2036	1900	1326	1:150			
KIACATOO	23	24	29	33	36	39	41	22	3855	3562	3369	3171	2803	2726	2660	2295	2210	2036	1900	1326	1:150			
CONDOBOLIN ##	18	19	23	26	29	31	32	19	3855	3562	3369	3171	2803	2726	2660	2295	2210	2036	1900	1326	1:150			
DERRIWONG	12	14	15	16	18	19	20	11	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600	Level			
OOTHA	6	7	9	10	12	13	13	6	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984	1:100			
YARRABANDAI	8	8	15	11	12	13	14	7	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984	1:100			
BOGAN GATE	12	13	16	17	20	22	22	12	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600	1:220			
GUNNINGBLAND	7	10	13	13	18	21	21	7	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984	1:100			
GOOBANG JCT	14	17a	21	24	31	35	38	13	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984	1:100			
PARKES	2	2	3	3	3	3	3	3	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600	DG			

7 minutes Condobolin Wheat to Condobolin

Location of Speed signs

LOCATION	KILO-METRAGE	DOWN NORM	XPT	UP NORM	XPT
PARKES	445.505				
Parkes Signal Box	445.768				
GOOBANG JUNCTION	446.160	70	70	40	40
	448.302				
	448.320	115	115	70	70
	453.342	..	..	115	115
	453.417	115	145	..	..
	464.400	..	..	115	145
	464.475	115	120	..	..
GUNNINGBLAND	470.631				
◆ When loop occupied	470.962	◆30	◆30		
	471.162	115	115	..	..
	472.859	..	..	115	120
	472.959	115	120	..	..
	480.580	..	..	115	115
	480.655	115	145	..	..
⊗ Level crossing sign	482.200	⊗115	⊗115	..	..
BOGAN GATE	483.247				
⊗ Level crossing sign	484.311	..	..	⊗115	⊗115
	499.881	..	..	115	145
	499.956	115	140	..	..
	500.622	115	145	..	..
◆ When loop occupied	504.358	..	..	115	140
YARRABANDAI	504.558	..	..	◆30	◆30
	505.427				
	513.876	..	..	115	145
	513.951	115	115	..	..
	515.670	..	..	115	115
	515.870	90	105	..	..
	517.345	115	115	90	105
OOTH A	517.403				
	525.512	..	..	115	120
	525.587	115	145	..	..
◆ When loop occupied	528.579	..	..	◆60	◆60
DERRIWONG	528.580				
	535.452	..	..	115	145
	535.527	115	120	..	..
	535.864	..	..	115	120
	535.939	115	135	..	..
	539.424	115	115	..	..
	540.267	..	..	115	135
	540.367	115	120	..	..
	541.373	..	..	115	115
	541.448	115	130	..	..
	544.023	85	85	..	..
	545.230	60	65	115	130
CONDOBOLIN	546.258				
	546.750	..	..	60	65
	547.160	115	115	..	..
	549.045	..	..	115	120
	549.138	115	145	..	..
KIACATOO	578.108				
⊗ Level crossing sign	589.484	..	..	⊗80	⊗80
⊗ Level crossing sign	618.456	⊗115	⊗115	..	..
EUABALONG WEST	619.182				
⊗ Level crossing sign	620.560	..	..	⊗115	⊗115
	633.070	..	..	115	145
	633.580	105	115	..	..

⊗ Level crossing warning sign (As per Permanent Circular 019/2004)

LOCATION	KILO-METRAGE	DOWN NORM	XPT	UP NORM	XPT
	634.045	..	..	105	115
	634.550	115	145	..	..
⊗ Level crossing sign	664.745	⊗115	⊗115	..	..
MATAKANA	665.860				
⊗ Level crossing sign	666.930	..	..	⊗115	⊗115
ROTO	706.980				
◆ When loop occupied	749.600	..	..	◆40	◆40
	749.800	70	70	115	145
	750.700	115	145	70	70
TRIDA	751.482				
	815.273	115	115	..	..
	816.048	..	..	115	145
IVANHOE	816.402				
	818.985	115	145	..	..
	819.400	..	..	115	115
DARNICK	880.663				
◆ When loop occupied	880.720	◆20	◆20	..	..
◆ When loop occupied	880.878	..	..	◆20	◆20
	887.040	115	130	115	145
	887.851	115	145	115	130
	902.071	115	130	115	145
	902.481	115	145	115	130
⊗ Level crossing sign	916.900	⊗115	⊗115	..	..
⊗ Level crossing sign	917.900	..	..	⊗115	⊗115
	934.000	115	135	115	145
	934.500	115	145	115	135
	942.900	60	65	115	145
	944.100	115	145	60	65
KALEENTHA	944.925				
	985.655	..	..	115	145
	985.730	115	135	..	..
	987.646	..	..	115	135
	987.746	115	145	..	..
	991.912	..	..	115	145
	991.987	115	125	..	..
	992.924	115	145	..	..
	995.283	115	125	..	..
	995.826	..	..	115	125
	995.901	115	145	..	..
	1001.637	..	..	115	145
	1001.712	115	120	..	..
	1005.725	..	..	115	125
	1005.740	30	60	..	..
MENINDEE	1006.582				
◆ When loop occupied	1006.759	◆20	◆20	..	..
	1006.860	..	..	30	60
	1006.960	80	85	..	..
◆ When loop occupied	1007.350	..	..	◆20	◆20
	1007.570	..	..	80	85
	1007.990	115	115	..	..
	1009.069	..	..	115	145
	1009.169	115	145	..	..
	1010.102	..	..	115	115
	1011.167	..	..	115	145
	1011.242	115	125	..	..
	1012.209	..	..	115	125
	1012.284	115	145	..	..
⊗ Level crossing sign	1023.442	⊗115	⊗115	..	..
⊗ Level crossing sign	1025.092	..	..	⊗115	⊗115
KINALUNG	1065.502				
	1095.883	..	..	115	145

Location of Speed signs

LOCATION	KILO-METRAGE	DOWN NORM	DOWN XPT	UP NORM	UP XPT
	1095.883	..	..	115	145
	1095.958	115	125	..	..
	1097.230	..	..	115	125
	1097.610	70	80	..	..
	1109.780	115	120	..	..
	1110.100	..	..	70	80
	1118.393	115	115	..	..
	1119.168	..	..	115	120

LOCATION	KILO-METRAGE	DOWN NORM	DOWN XPT	UP NORM	UP XPT
	1120.043	..	..	115	115
	1120.280	70	70	..	..
	1123.986	..	..	70	70
BROKEN HILL	1124.801				

Station Data

Station	Kilo-metrage	Signal box Status	Hours of signal box	Facilities
Parkes	445.505	P	See Section 1B, Page 6	P, TT.
Goobang Junction	448.302	C	Controlled from Parkes Signal Box	ISI
Gunningbland	470.631	T		G
Bogan Gate	483.247	T		G, P
Yarrabandai	505.427	T		G
Ootha	517.403	T		G
Derriwong	528.580	T		G
Condobolin	546.258	T		G, P
Condobolin Bulk Wheat Siding	549.088	T		G
Kiacatoo	578.108	T		G
Euabalong West	619.182	T		P
Matakana	665.860	T		
Roto	706.980	T		
Trida	750.482	T		
Ivanhoe	816.402	T		P
Darnick	880.663	T		
Kaleentha	944.925	T		
Menindee	1006.582	T		P
Kinalung	1065.502	T		
Broken Hill	1124.801	C	Controlled from Western Rail Management Centre Orange	P

Out-of-gauge steel trains

Out-of-gauge steel trains may operate between Parkes and Broken Hill subject to the conditions shown for Out-of-gauge steel trains contained in the *General Instruction Pages* section.

The locations where crossings may be made as authorised are as follows:

Bogan Gate	Loop line
Yarrabandai	Loop line
Condobolin	Via No 1 Goods Siding
Euabalong West	Loop line
Matakana	Loop line
Trida	Loop Line
Ivanhoe	Loop Line
Darnick	Up Siding
Kaleentha	Loop Line
Menindee	Loop Line
Kinalung	Up Siding

High Load detector Parkes

High load detectors are provided at kilometrages 447.350 (East detector) and 450.580 (West detector) and are used to detect loading that exceeds the height of 4.270m

The alarm for the High Load detector is located in Parkes signal box and if the alarm is activated, the signaller at Parkes must arrange for the train to be inspected.

At no time must a wagon with loading exceeding 4.270m in height be allowed to depart Parkes Yard in the Up direction.

For further information refer to LAU 269 (j) page 6, Volume 2

Operation of double stack containers – Goobang Junction – Broken Hill

The following list specifies locations between Goobang Junction and Broken Hill suitable for double stack containers:

All Main line track between Goobang Junction and Broken Hill is suitable for double stack operation.

		Suitable for DOUBLE STACK CONTAINERS			Suitable for DOUBLE STACK CONTAINERS
Goobang Junction	Loop Line	Yes	Matakana	Loop Line	Yes
	Sidings	Yes		Up Siding	Yes
Gunningbland	Down Siding	No	Trida	Loop Line	Yes
Bogan Gate	Loop Line	Yes	Ivanhoe	Loop Line	Yes
	Up Siding	No	Darnick	Loop Line	Yes
Yarrabandai	Up Siding	Yes		Up Siding	Yes
	Loop Line	Yes	Kaleentha	Loop Line	Yes
Ootha	Down Siding	No	Menindee	Loop Line	Yes
Derriwong	Down Siding	No	Kinalung	Loop Line	Yes
Condobolin	Down Sidings	No		Up Siding	Yes
	Loop Line	Yes	Broken Hill	Goods Loop	Yes
Kiacatoo	Down Siding	No		South Through Rd	Yes
Euabalong West	Up Sidings	No			

Refer to Diagram 4 Loading Restrictions **General Instruction Pages**

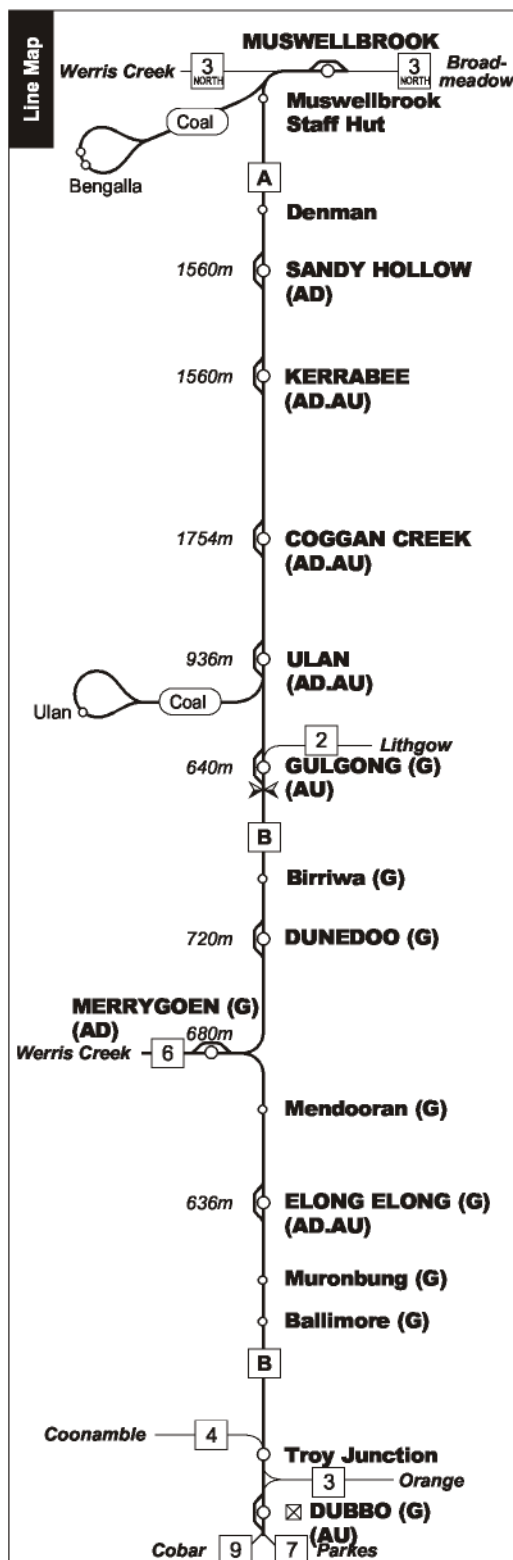
Muswellbrook - Dubbo

section 5

Maximum Speed of Locomotives and Rolling Stock

Class of Track	SECTIONS								Notes
	Muswellbrook - Gulgong	Gulgong - Dubbo							
Line Map reference	A	B	C	D	E	F			
Locomotives									
Multiple Locos	4	4							
S1	80	N/A							
S2	115	60							
S3	115	80							
S4	115	80							
S5	115	80							
S6	115	80							
S7	90	80							
S8	115	80							
S9	115	100							
S10	115	100							
S11	80	80							
S12	100	100							
S13	100	100							
Freight									
Class A	115	100							
Class B	100	80							
Class C	80	80							
Class D	65	60							
Class E	80	70							
Class F	65	N/A							
Class G	60	N/A							
Passenger									
XPT	N/A	N/A							
Xplorer	N/A	N/A							
Diesel Train	115	100							
Loco Hauled	115	100							
Accident Cranes									
70 tonne	60	50							
110 tonne	115	80							
120 tonne	60	N/A							
Notes									

NOTES:



Safeworking System

Muswellbrook to Sandy Hollow
Sandy Hollow to Kerrabee
Kerrabee to Coggan Creek
Coggan Creek to Ulan
Ulan to Gulgong

Electric Staff
Electric Staff
Electric Staff
Electric Staff
Electric Staff

Gulgong to Dunedoo
Dunedoo to Merrygoen
Merrygoen to Elong Elong
Elong Elong to Dubbo

Staff and Ticket
Staff and Ticket
Electric Staff
Electric Staff

Location of Speed signs (Muswellbrook to Merrygoen)

LOCATION	KILO-METRAGE	DOWN NORM	XPT	UP NORM	XPT
MUSWELLBROOK	288.783				
	288.980	..	..	X25	..
	289.210	..	..	50	..
	289.510	90	..	..	..
	290.800	..	..	90	..
	291.000	75	..	..	..
	291.900	..	..	75	..
	292.300	90	..	..	..
	296.703	..	..	90	..
	297.450	70	..	..	..
	298.710	..	..	70	..
	299.381	80	..	..	..
	303.000	..	..	80	..
	303.300	105	..	..	..
	304.153	..	..	105	..
	304.500	115	..	..	..
	309.700	..	..	115	..
	310.160	105	..	..	..
	314.073	..	..	105	..
	DENMAN	314.120			
314.450		85	..	..	..
316.542		..	..	85	..
317.100		60	..	..	..
318.420		..	..	60	..
319.533		65	..	..	..
323.140		..	..	65	..
324.240		70	..	..	..
326.200		..	..	70	..
326.587		60	..	..	..
327.148		..	..	60	..
327.743		115	..	..	..
331.740		..	..	115	..
332.000		70	..	..	..
332.149					
332.619		..	..	70	..
333.000		85	..	..	..
335.601		..	..	85	..
336.189		100	..	..	..
338.000		..	..	100	..
338.500	65	..	..	..
339.400	..	..	65	..	
339.750	75	..	..	..
342.400	..	..	75	..	
342.700	80	..	..	..
348.050	70	..	80	..	
351.611	..	..	70	..	
352.000	80	..	..	..
353.800	..	..	80	..	
354.047	70	..	..	..
354.600	..	..	70	..	
355.200	85	..	..	..
358.700	..	..	85	..	
359.081	75	..	..	..
360.300	..	..	75	..	
360.741	65	..	..	..
362.200	..	..	65	..	
KERRABEE	362.080				
	363.680	75	..	..	..
	366.900	..	..	75	..
	367.002	65	..	..	..
	368.970	..	..	65	..
	369.020	..	..	30	..
	369.200	80	..	..	..
	373.000	..	..	80	..
	373.416	70	..	..	..
	377.000	..	..	70	..
	377.737	60	..	..	..
	379.500	..	..	60	..
	379.811	65	..	..	..
	381.248	..	..	65	..
	381.600	75	..	..	..
	385.000	..	..	75	..
	385.450	70	..	..	..

LOCATION	KILO-METRAGE	DOWN NORM	XPT	UP NORM	XPT
COGGAN CREEK	387.000	70	..
	387.850	115
	390.275	115	..
	390.695	70
	392.810	70
	393.039	60
	393.967	60	..
	394.400	95
	397.350				
	398.500	95	..
	399.000	65
	400.569	65	..
	401.000	75
	407.300	75	..
	408.052	65
408.846	..	..	65	..
409.300	80	..	..	..
414.350	..	..	80	..
415.130	85	..	..	..
418.600	..	..	85	..
418.900	100	..	..	..
422.000	..	..	100	..
422.502	95	..	..	..
423.336	..	..	95	..
423.700	100	..	..	..
427.500	..	..	100	..
427.823	80	..	..	..
ULAN	435.000				
	435.500	80	..
	435.800	115
	439.000	115	..
	439.332	90
	439.500	90	..
	439.883	105
	444.400	105	..
	444.775				
	445.390	90	..
	445.800	115
	454.600	115	..
	455.000	95
	455.730	95	..
	456.025	80
456.412	..	..	80	..
456.800	115	..	..	..
459.400	..	..	115	..
459.801	55	..	..	..
460.190	X25	..	..	..
460.300	..	..	X25	..
@460.680					
#340.636	35	..	..	..
#340.925	..	..	25	..
#343.000	..	..	35	..
#343.100	70	..	..	..
#344.070	..	..	70	..
#344.370	100	..	..	..
#348.530	..	..	100	..
#349.000	70	..	..	..
#350.590	..	..	70	..
#350.890	100	..	..	..
#354.700	..	..	100	..
#355.000	70	..	..	..
#355.333	..	..	70	..
#355.600	100	..	..	..
#365.250	..	..	100	..
#365.550	70	..	..	..
#365.900	..	..	70	..
#366.200	100	..	..	..
#367.450	..	..	100	..
#367.520	90	..	..	..
#368.050	70	..	..	..
#368.300	..	..	70	..

Location of Speed signs (Muswellbrook to Merrygoen)

LOCATION	KILO-METRAGE	DOWN NORM	DOWN XPT	UP NORM	UP XPT
# Via Lithgow Birriwa (G.)	#368.600	100	..	..	..
	#370.425				
	#380.530	..	..	100	..
	#380.835	60	..	..	..
	#381.600	..	..	60	..
	#381.900	100	..	..	..
	#385.790	..	..	100	..
	#386.095	60	..	..	..
	#387.590	..	..	60	..
	#387.900	80	..	..	..
DUNEDOO	#387.905				
	#390.030	..	..	80	..
	#390.330	70	..	..	..
	#390.490	..	..	70	..
	#390.800	100	..	..	..
	#395.460	..	..	100	..
	#395.760	70	..	..	..

LOCATION	KILO-METRAGE	DOWN NORM	DOWN XPT	UP NORM	UP XPT
MERRYGOEN (G)	#401.680	..	..	70	..
	#401.980	100	..	..	..
	#403.100	..	..	100	..
	#403.440	70	..	..	..
	#407.060	..	..	70	..
	#407.350	100	..	..	..
	#408.941	..	..	100	..
	#409.518	40	..	..	..
	#409.694	..	..	40	..
	#410.283	85	..	..	..
	#410.790	..	..	100	..
	#414.477	..	..	85	..
	#414.650	30	..	..	..
	#414.800	..	..	30	..
	#415.000	85	..	..	..
	#415.750	..	..	85	..
	#416.250	65	..	..	..
	#417.500	..	..	65	..
	#417.798				

For continuation to Dubbo
SEE SECTION 6

Location of Speed signs (Dubbo to Merrygoen)

NOTE DOWN trains travel Muswellbrook – Gulgong – Merrygoen – Dubbo.
UP trains travel Dubbo – Merrygoen – Gulgong – Muswellbrook.

LOCATION	KILO-METRAGE	DOWN NORM	DOWN XPT	UP NORM	UP XPT
DUBBO	462.209				
	SEE SECTION 4 DUBBO – COONAMBLE FOR LOCATION OF SPEED SIGNS IN THIS SECTION				
TROY JUNCTION	466.700				
	466.910	70	..	..	..
	467.390	..	..	70	..
	467.550	100	..	..	..
	479.940	..	..	100	..
	480.450	30	..	..	..
	480.580	..	..	30	..
	481.400	100	..	..	..
	485.370	..	..	100	..
	485.770	75	..	..	..
	487.330	..	..	75	..
	487.490	100	..	..	..
	495.340	..	..	100	..
BALLIMORE	495.440	75	..	..	..
	495.980	100	..	75	..
	496.213				
MORONBUNG	499.240	..	..	100	..
	499.400	75	..	..	..
	500.000	..	..	75	..
	500.100	100	..	..	..
	502.901				
	503.750	..	..	100	..
	504.610	70	..	..	..
	508.680	..	..	70	..
	509.080	40	..	..	..
	509.150	..	..	40	..
	509.700	100	..	..	..

LOCATION	KILO-METRAGE	DOWN NORM	DOWN XPT	UP NORM	UP XPT
ELONG ELONG	514.351				
	515.650	30	..	100	..
	515.780	100	..	30	..
	523.670	..	..	100	..
	524.070	40	..	..	..
	524.130	..	..	40	..
	524.430	70	..	..	..
	525.687	..	..	100	..
	525.987	65	..	..	..
	528.030	..	..	65	..
	528.207	70	..	..	..
	529.530	..	..	75	..
	529.590	90	..	..	..
	533.420	..	..	90	..
	533.580	70	..	..	..
	544.480	..	..	70	..
	544.640	100	..	..	..
MENDOORAN	550.920	..	..	100	..
	551.020	75	..	..	..
	551.863				
	552.310	..	..	75	..
	553.420	100	..	..	..
	557.580	..	..	100	..
	557.740	75	..	..	..
	558.280	..	..	75	..
	558.360	100	..	..	..
	560.350	..	..	100	..
MERRYGOEN	560.510	50	..	..	..
	562.260	..	..	50	..
	562.590				

Station Data

Station	Kilo- metrage	Signal box Status	Hours of signal box	Facilities
Muswellbrook	288.783	C	Controlled from Broadmeadow Control Centre	LP,P
Denman	314.120	U		ISI
Sandy Hollow	332.149	U		
Sandy Hollow Sdg	332.113			S
Kerrabee	362.080	U		
Bylong	388.025			L
Coggan Creek	397.350	U		
Ulan	435.000	U	Controlled from Broadmeadow Control Centre	LP
Ulan Mine Balloon Loop				
Gulgong	[^] 460.680 <340.636	U		G,P
Birriwa	<370.425			G
Dunedoo	<387.905	U		G,P
Merrygoen	<417.798	U	Unattended	G,P
Mendooran	>551.863			G
Elong Elong	>514.351	U		G
Muronbung	>502.901			G
Ballimore	>496.213			G
Troy Junction	>466.700	C	No. 22 points controlled from Dubbo	
Dubbo	>462.209	P	See Section 3, Page 4	FF,G,P,TT,Trl

[^] Kilometrage via North (Muswellbrook) < Kilometrage via West (Mudgee) > Kilometrage via West (Dubbo)

Location of emergency telephone facilities

Phones are provided at 2 kilometre intervals between Muswellbrook and Ulan. Additional telephone plug in boxes are provided (connected to Train Working circuit to Muswellbrook) at each of the releasing switches at Sandy Hollow, Kerrabee, Coggan Creek and Ulan.

Hot box detectors

Refer to Northern LAU 307, Volume 3 for general instructions and procedures regarding Hot Box Detectors. Hot Box detectors located at Denman and Bylong transmit alarms via digitised voice through the train radio system direct to the Train Driver. An alarm is also relayed to the CTC Centre Broadmeadow. Telephones and signs endorsed **'HOT BOX DETECTOR, MESSAGE SHOULD HAVE BEEN RECEIVED BY THIS POINT'** are located approximately 2 kilometres on either side of the Denman and Bylong detectors.

Hot Box detectors are located as follows:

Denman 314.485km – transmits alarm to train driver and the CTC Centre Broadmeadow.

Bylong 388.010km – transmits alarm to train driver and the CTC Centre Broadmeadow.

Dubbo - Werris Creek

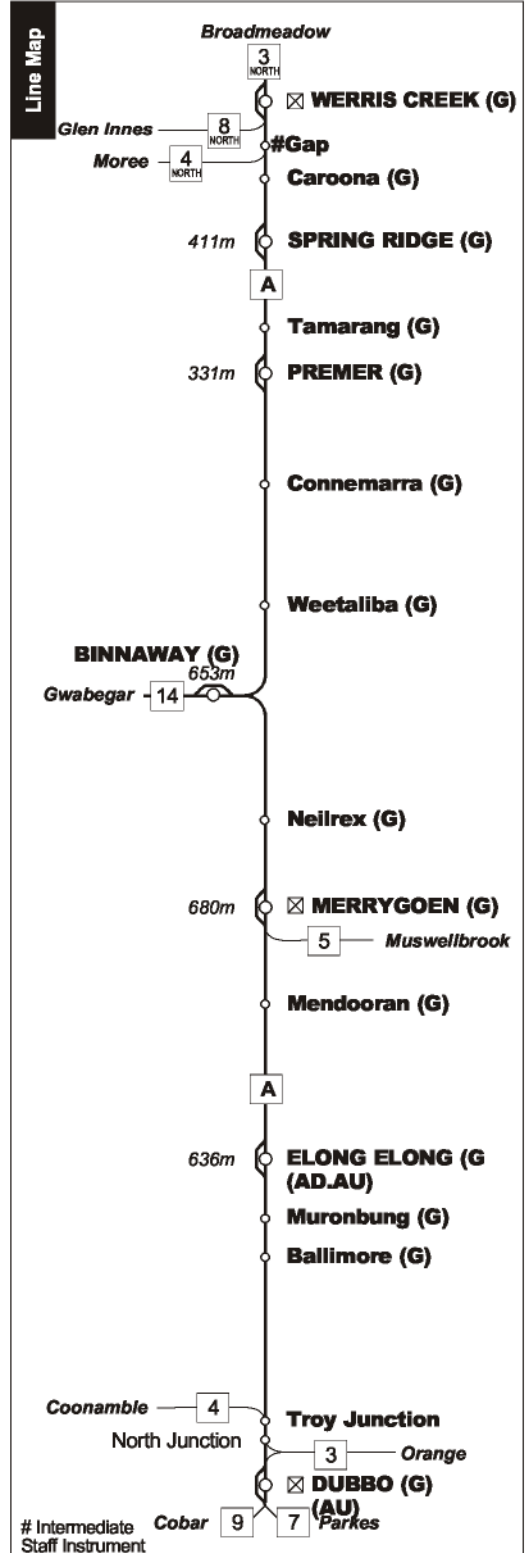
section 6

Maximum Speed of Locomotives and Rolling Stock

Class of Track	SECTIONS						Notes
	Dubbo - Werris Creek						
Line Map reference	A	B	C	D	E	F	
Locomotives							
Multiple Locos	4						
S1	N/A						
S2	60						
S3	80						
S4	80(a)						
S5	80						
S6	80						
S7	80						
S8	80						
S9	100						
S10	100						
S11	80						
S12	100						
S13	100						
Freight							
Class A	100						
Class B	80						
Class C	80						
Class D	60						
Class E	70						
Class F	N/A						
Class G	N/A						
Passenger							
XPT	100						
Xplorer	100						
Diesel Train	100						
Loco Hauled	100						
Accident Cranes							
70 tonne	50						
110 tonne	80						
120 tonne							
Notes							

NOTES:

(a) Restricted to Dubbo - Merrygoen only.



Safeworking System

Werris Creek to Gap
 Gap to Springridge
 Springridge to Premer
 Premer to Binnaway
 Binnaway to Merrygoen
 Merrygoen to Elong Elong
 Elong Elong to Dubbo

Electric Staff
 Staff and Ticket
 Staff and Ticket
 Staff and Ticket
 Staff and Ticket
 Electric Staff
 Electric Staff

DOWN LOADS & CONDITIONS SECTIONS	LOCO- MOTIVE CLASS = L	LOCOMOTIVES					TRAIN DATA		NOTES
		SINGLE	DOUBLE	TRIPLE	QUAD	QUIN	VEHICLE CLASS	SECT RUN TIMES	
		LOADS TONNES							
1 WERRIS CREEK - DUBBO	L3/L4	850	--	--	--	--	ABC	1-6	
2 WERRIS CREEK - DUBBO	L9	--	850	--	--	--	ABC	1-6	
3 WERRIS CREEK - DUBBO	L13	--	--	--	850	--	ABC	1-6	
4 WERRIS CREEK - DUBBO	L3/L4	1750	3500	--	--	--	ABC	2-6	
5 WERRIS CREEK - DUBBO	L9	1130	2260	3390	--	--	ABC	2-6	
6 WERRIS CREEK - DUBBO	L3/L4	1750	3500	--	--	--	ABCE	3-6	
7 WERRIS CREEK - DUBBO	L5	1849	3658	--	--	--	ABCE	3-6	
8 WERRIS CREEK - DUBBO	L6/L7/L8	1563	3126	--	--	--	ABCE	3-6	
9 WERRIS CREEK - DUBBO	L9	1130	2260	3390	--	--	ABCE	3-6	
10 WERRIS CREEK - DUBBO	L10/L11/L12	1112	2224	3336	4448	--	ABCE	3-6	
11 WERRIS CREEK - DUBBO	L3/L4	850	--	--	--	--	ABCDE	4-6	
12 WERRIS CREEK - DUBBO	L9	--	850	--	--	--	ABCDE	4-6	
13 WERRIS CREEK - DUBBO	L13	--	--	--	850	--	ABCDE	4-6	

DOWN	SECTIONAL RUNNING TIMES						FULL SECTIONAL LOADS														GRADE
	1	2	3	4		Loco	LOCOMOTIVE CATEGORIES = L														
	1	2	3	4		Loco	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
WERRIS CREEK	7	8	8	8		5	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600		DG	
GAP	15	15	17	20		13	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984		1:100	
Caroona	15a	18a	19a	19a		13a	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984		1:100	
SPRINGRIDGE	14	19	20	17		11	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984		1:100	
Tamarang	18a	23a	25a	23a		15a	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984		1:100	
PREMER	27	51	51	28		22	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984		1:100	
Connemarra	16	18	20	22		14	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984		1:100	
Weetaliba	24a	26a	28a	29a		20a	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984		1:100	
BINNAWAY	22	24	25	26		18	2289	2111	1995	1872	1651	1610	1563	1346	1299	1191	1112	776		1:75	
Neilrex	17a	22a	24a	20a		15a	2289	2111	1995	1872	1651	1610	1563	1346	1299	1191	1112	776		1:75	
MERRYGOEN	16	16	17	18		14	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600		Level	
Mendooran	44a	58a	58a	50a		34a	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984		1:100	
ELONG ELONG	15	17	17	16		12	2607	2405	2274	2136	1885	1837	1785	1539	1484	1363	1272	887		1:88	
Muronbung	8	9	9	9		7	2289	2111	1995	1872	1651	1610	1563	1346	1299	1191	1112	776		1:75	
Ballimore	41a	46a	48a	47a		33a	2289	2111	1995	1872	1651	1610	1563	1346	1299	1191	1112	776		1:75	
DUBBO																					

UP LOADS & CONDITIONS SECTIONS	LOCO- MOTIVE CLASS = L	LOCOMOTIVES					TRAIN DATA		NOTES
		SINGLE	DOUBLE	TRIPLE	QUAD	QUIN	VEHICLE CLASS	SECT RUN TIMES	
		LOADS TONNES							
1 DUBBO - WERRIS CREEK	L3/L4	1650	3300	--	--	--	ABCE	1-6	
2 DUBBO - WERRIS CREEK	L3/L4	1850	3700	--	--	--	ABCE	2-6	
3 DUBBO - WERRIS CREEK	L9	1220	2440	3660	--	--	ABCE	2-6	
4 DUBBO - WERRIS CREEK	L3/L4	2055	4110	--	--	--	ABCDE	3-6	
5 DUBBO - WERRIS CREEK	L5	1849	3658	--	--	--	ABCDE	3-6	
6 DUBBO - WERRIS CREEK	L6/L7/L8	1563	3126	--	--	--	ABCDE	3-6	
7 DUBBO - WERRIS CREEK	L10/L11/L12	1112	2224	3336	4448	--	ABCDE	3-6	
8 DUBBO - WERRIS CREEK	L13	810	1620	2430	3250	--	ABCDE	4-6	

UP	SECTIONAL RUNNING TIMES						FULL SECTIONAL LOADS														GRADE
	1	2	3	4		Loco	LOCOMOTIVE CATEGORIES = L														
	1	2	3	4		Loco	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
DUBBO	47	49	53	60		31	2289	2111	1995	1872	1651	1610	1563	1346	1299	1191	1112	776		1:75	
Ballimore	10	11	12	14		6	2289	2111	1995	1872	1651	1610	1563	1346	1299	1191	1112	776		1:75	
Muronbung	18a	18a	19a	23a		12a	2289	2111	1995	1872	1651	1610	1563	1346	1299	1191	1112	776		1:75	
ELONG ELONG	58	63	70	83		33	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984		1:100	
Mendooran	21a	23a	24a	29a		14a	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984		1:100	
MERRYGOEN	22	23	27	32		15	2289	2111	1995	1872	1651	1610	1563	1346	1299	1191	1112	776		1:75	
Neilrex	25a	26a	29a	32a		19a	2289	2111	1995	1872	1651	1610	1563	1346	1299	1191	1112	776		1:75	
BINNAWAY	33	36	39	48		20	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984		1:100	
Weetaliba	27	30	33	46		19	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984		1:100	
Connemarra	26a	26a	28a	29a		24a	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600		DG	
PREMER	22	23	26	31		14	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984		1:100	
Tamarang	16a	16a	19a	20a		11a	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600		DG	
SPRINGRIDGE	19	19	22	26		12	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984		1:100	
Caroona	19a	20a	23	28a		13a	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984		1:100	
GAP	11a	12a	14a	17a		6a	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984		1:100	
WERRIS CREEK																					

 Location of Speed signs Merrygoen to Werris Creek

LOCATION	KILO-METRAGE	DOWN NORM	XPT	UP NORM	XPT
For speedsigns DUBBO - MERRYGOEN See SECTION 5					
MERRYGOEN	#562.590			# Via Dubbo	
	+417.798			+ Via Mudgee	
	418.530	75	..	..	..
	424.080	..	..	75	..
	424.500	100	..	..	..
	429.350	..	..	100	..
	429.450	75	..	..	..
	430.620	..	..	75	..
	430.700	100	..	..	..
	432.210	..	..	100	..
	432.290	75	..	..	..
	432.910	..	..	75	..
	432.990	100	..	..	..
	434.860	..	..	100	..
434.950	75	..	..	..
435.530	..	..	75	..	
NEILREX	435.793				
	435.715	..	..	100	..
	435.870	100	..	..	..
	436.365	40	..	..	..
	436.425	..	..	40	..
	437.075	100	..	..	..
	439.713	..	..	100	..
	440.013	85	..	..	..
	443.891	..	..	85	..
	444.191	100	..	..	..
	446.710	..	..	100	..
	446.770	80	..	..	..
	449.250	..	..	80	..
	449.610	70	..	..	..
	449.900	20	..	..	..
	449.970	..	..	20	..
	450.620	100	..	..	..
	452.845	..	..	100	..
	453.495	20	..	..	..
	453.565	..	..	20	..
	454.215	80	..	..	..
	454.920	..	..	80	..
	455.020	75	..	..	..
	458.240	..	..	75	..
BINNAWAY	458.678				
	459.206	75	..	..	..
	461.359	100	..	75	..
	467.675	75	..	100	..
	469.790	100	..	75	..
WEETALIBA	483.601				

LOCATION	KILO-METRAGE	DOWN NORM	XPT	UP NORM	XPT
	484.670	..	..	100	..
	485.320	40	..	..	..
	485.385	..	..	40	..
	486.035	100	..	..	..
	496.684	90	..	100	..
	497.569	100	..	90	..
	500.385	75	..	100	..
CONNEMARRA	503.139				
	515.392	60	..	75	..
	521.327	75	..	60	..
	524.385	90	..	75	..
	525.581	..	..	90	..
	525.881	75	..	..	..
	526.985	..	..	75	..
	527.285	90	..	..	..
	528.174	..	..	90	..
PREMER	528.259				
	528.428	70	..	..	..
	529.020	..	..	70	..
	529.670	40	..	..	..
	530.030	..	..	40	..
	530.680	100	..	..	..
	531.230	..	..	100	..
	531.880	40	..	..	..
	531.985	..	..	40	..
	532.635	100	..	..	..
TAMARANG	548.612				
SPRINGRIDGE	564.690				
	581.102	..	..	100	..
	581.402	85	..	..	..
CAROONA	581.959				
	582.896	..	..	85	..
	583.196	100	..	..	..
	597.972	75	..	100	..
	598.844	..	..	75	..
	599.078	65	..	..	..
	599.874	..	..	65	..
GAP	600.305				
(* Via North) GAP	*416.045				
	*415.270	100	105	115	130
	*411.710	115	130	90	90
	*410.885	90	90	..	..
WERRIS CREEK	*410.844				

 Station Data

Station	Kilo-metrage	Signal box Status	Hours of signal box	Facilities
For information Dubbo to Merrygoen – see SECTION 5				
Merrygoen	<417.798	U	Unattended	G
Neilrex	<435.793			G
Binnaway	<458.678	U	Unattended	G, P, Tri
Weetaliba	<483.601			G
Connemarra	<503.139			G
Premier	<528.259	U	Unattended	G, P
Tamarang	<548.612			G
Springridge	<564.690	U	Unattended	G, P
Caroona	<581.959			G
Gap	<600.305	U	Unattended	ISI
Werris Creek	^410.844			G, P, TT

< Kilometrage via West (Mudgee), ^ Kilometrage via North (Muswellbrook)

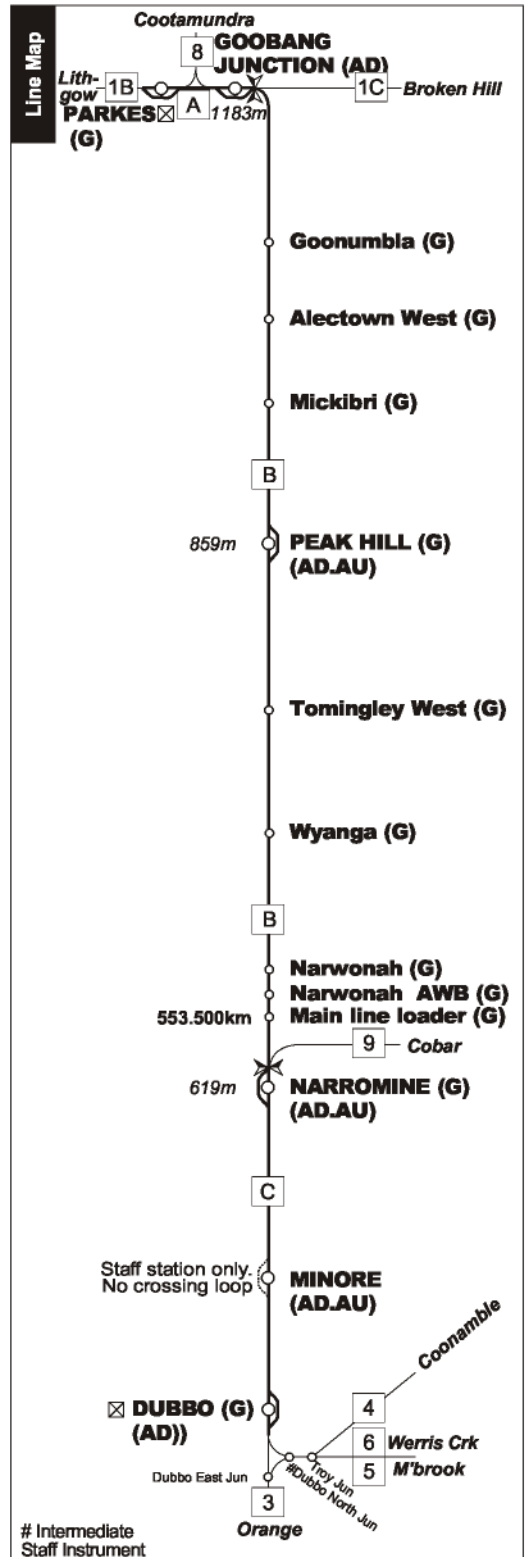
Parkes - Dubbo

section 7

Maximum Speed of Locomotives and Rolling Stock

Class of Track	SECTIONS						Notes
	Parkes - Goobang Junction	Goobang Junction - Narromine	Narromine - Dubbo				
Line Map reference	A	B	C	D	E	F	
Locomotives							
Multiple Locos	4						
S1	N/A						
S2	60						
S3	80						
S4	80						
S5	80						
S6	80						
S7	80						
S8	80						
S9	100						
S10	100						
S11	80						
S12	100						
S13	100						
Freight							
Class A	100						
Class B	100						
Class C	80						
Class D	60						
Class E	70						
Class F	N/A						
Class G	N/A						
Passenger							
XPT	N/A						
Xplorer	N/A						
Diesel Train	100						
Loco Hauled	100						
Accident Cranes							
70 tonne	--						
110 tonne	80						
120 tonne	--						
Notes							

NOTES:



Safeworking System

Parkes Signal No GJ143 to Peak Hill
 Peak Hill to Narromine
 Narromine to Minore
 Minore to Dubbo

Electric Staff
 Electric Staff
 Electric Staff
 Electric Staff

DOWN	LOADS & CONDITIONS SECTIONS	LOCO- MOTIVE CLASS = L	LOCOMOTIVES					TRAIN DATA		NOTES
			SINGLE	DOUBLE	TRIPLE	QUAD	QUIN	VEHICLE CLASS	SECT RUN TIMES	
1	PARKES - DUBBO	L3/L4	850	--	--	--	--	ABC	1-7	
2	PARKES - DUBBO	L13	--	850	--	--	--	ABC	1-7	
3	PARKES - DUBBO	L3/L4	2000	--	--	--	--	ABC	2-7	
4	PARKES - DUBBO	L2	2161	4322	--	--	--	ABC	2-7	
5	PARKES - DUBBO	L3/L4	2000	--	--	--	--	ABC	2-7	
6	PARKES - DUBBO	L5	1745	3490	--	--	--	ABC	2-7	
7	PARKES - DUBBO	L6/L7/L8	1473	2946	4419	--	--	ABC	2-7	
8	PARKES - DUBBO	L10/L11	1122	2244	3366	4488	--	ABC	2-7	
9	PARKES - DUBBO	L12	1047	2094	3141	4188	--	ABC	2-7	
10	PARKES - DUBBO	L3/L4	1850	3700	--	--	--	ABCDE	3-7	
11	PARKES - DUBBO	L9	1100	2200	3300	--	--	ABCDE	3-7	
12	PARKES - DUBBO	L13	--	850	--	--	--	ABCD	3-7	
13	PARKES - DUBBO	L13	--	--	3060(1)	--	--	ABCDE	4-7	

1. Assisted Narromine to Dubbo

DOWN	SECTIONAL RUNNING TIMES							FULL SECTIONAL LOADS														GRADE	
	SECTIONAL RUNNING TIMES							LOCOMOTIVE CATEGORIES = L															
	1	2	3	4			Loco	1	2	3	4	5	6	7	8	9	10	11	12	13	14		
PARKES	↻	↻	↻	↻			↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻
GOOBANG JCT	6a	8a	7a	11a			4a	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984				1:100
Goonumbia	20	24	24	29			15	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984				1:100
Alectown West	7	8	9	11			6	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984				1:100
Mickibri	9	10	11	11			7	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984				1:100
PEAK HILL	16a	18a	20a	24a			13a	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984				1:100
Tomingley West	15	18	19	23			14	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600				Level
Wyanga	11	12	14	15			11	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600				Level
Narwonah	15	17	20	24			14	3300	3047	2882	2711	2395	2330	2271	1959	1887	1737	1621	1131				1:120
NARROMINE	11a	11a	13a	13a			10a	3855	3562	3369	3171	2803	2726	2660	2295	2210	2036	1900	1326				1:150
MINORE	23a	30a	28a	33a			19a	2161	1992	1882	1766	1557	1519	1473	1268	1224	1122	1047	731				1:70
DUBBO	26a	31a	30a	33a			18a	2161	1992	1882	1766	1557	1519	1473	1268	1224	1122	1047	731				1:70

UP	LOADS & CONDITIONS SECTIONS	LOCO- MOTIVE CLASS = L	LOCOMOTIVES					TRAIN DATA		NOTES
			SINGLE	DOUBLE	TRIPLE	QUAD	QUIN	VEHICLE CLASS	SECT RUN TIMES	
1	DUBBO - PARKES	L3/L4	850	--	--	--	--	ABC	1-7	
2	DUBBO - PARKES	L3/L4	850	--	--	--	--	ABCD	2-7	
3	DUBBO - PARKES	L13	--	850	--	--	--	ABCD	2-7	
4	DUBBO - PARKES	L9	1000	2000	3000	--	--	ABC	3-7	
5	DUBBO - PARKES	L3/L4	1400	2800	--	--	--	ABCE	4-7	
6	DUBBO - PARKES	L2	1892	3784	--	--	--	ABCE	5-7	
7	DUBBO - PARKES	L3/L4	2000(1)	--	--	--	--	ABCE	5-7	
8	DUBBO - PARKES	L5	1526	3052	4577	--	--	ABCE	5-7	
9	DUBBO - PARKES	L6/L7/L8	1285	2570	3855	--	--	ABCE	5-7	
10	DUBBO - PARKES	L10/L11	1122	2244	3366	4488	--	ABCE	5-7	
11	DUBBO - PARKES	L12	912	1824	2736	3648	--	ABCE	5-7	
12	DUBBO - PARKES	L13	--	--	2000(1)	--	--	ABCDE	6-7	

1. Assisted Dubbo to Kilometrage 469.200

UP	SECTIONAL RUNNING TIMES							FULL SECTIONAL LOADS														GRADE	
	SECTIONAL RUNNING TIMES							LOCOMOTIVE CATEGORIES = L															
	1	2	3	4	5	6	Loco	1	2	3	4	5	6	7	8	9	10	11	12	13	14		
DUBBO	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻
469.200km	..	..	..	..	19a	21a	20a	1892	1743	1646	1543	1359	1328	1285	1105	1068	977	912	636				1:60
MINORE	22a	27a	27a	27a	10a	13a	20a	3300	3047	2882	2711	2395	2330	2271	1959	1887	1737	1621	1131				1:120
NARROMINE	18a	23a	19a	20a	21a	24a	9	2289	2111	1995	1872	1651	1610	1563	1346	1299	1191	1112	776				1:75
Narwonah	11	13	12	12	13	14	14	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600				Level
Wyanga	14	19	17	17	18	22	10	3679	3398	3214	3025	2674	2600	2536	2188	2108	1941	1812	1264				1:140
Tomingley West	11	14	11	12	12	15	14a	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600				Level
PEAK HILL	14a	19a	14a	16a	16a	19a	12	3940	3640	3443	3242	2866	2786	2719	2346	2260	2082	1943	1356				1:157
Mickibri	14	20	20	18	24	27	17	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984				1:100
Alectown West	9	11	10	10	11	12	6	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984				1:100
Goonumbia	6	9	8	8	9	11	17a	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984				1:100
GOOBANG JCT	18a	23a	19a	20a	22a	26a	4a	2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984				1:100
PARKES	4a	4a	4a	4a	4a	4a		4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600				DG

Location of Speed signs Narromine to Parkes

LOCATION	KILO- METRAGE	DOWN NORM	XPT	UP NORM	XPT	LOCATION	KILO- METRAGE	DOWN NORM	XPT	UP NORM	XPT
For speed signs NARROMINE DUBBO See SECTION 9											
PARKES	445.505					TOMINGLEY WEST	500.180	90	..	100	..
GOOBANG JUNCTION	448.302						510.510	100	..	90	..
	448.320	..	..	70	..		516.075				
	448.850	100	..	X25	..	WYANGA	528.990				
	449.280	75	..	..	..	NARWONAH	547.051				
	449.840	100	..	..	..		552.510	..	..	100	..
GOONUMBLA	465.603						552.650	75	..	..	..
ALECTOWN WEST	473.587						553.050	..	..	75	..
MICKIBRI	482.371						553.170	90	..	..	..
	497.550	60	..	..	..		555.750	..	..	90	..
	499.200	100	..	..	..		555.870	55	..	..	..
PEAK HILL	498.358					NARROMINE	556.730	..	..	55	..
							556.999				

Station Data

Station	Kilo- metrage	Signal box Status	Hours of signal box	Facilities
For information Dubbo to Merrygoen – see SECTION 5				
Parkes	445.505	P	See SECTION 1B, Page 6	P, Tri, TT, WC
Goobang Junction	448.302	C	Controlled from Parkes Signal Box	
Goonumbla	465.603			G
Alectown West	473.587			G
Mickibri	482.371			G
Peak Hill	498.358	U	Unattended	G
Tomingley West	516.075			G
Wyanga	528.990			G
Narwonah	547.051			G
Narwonah AWB	550.360			G
Main Line loader	553.500			G
Narromine	<566.999	U		G, P
	^497.554			
Minore	^476.695	U		
Dubbo	^462.209	P	See SECTION 3, Page 4	F, G, P, TT, Tri

< Kilometrage via Parkes, ^ Kilometrage via Dubbo

Cootamundra - Parkes

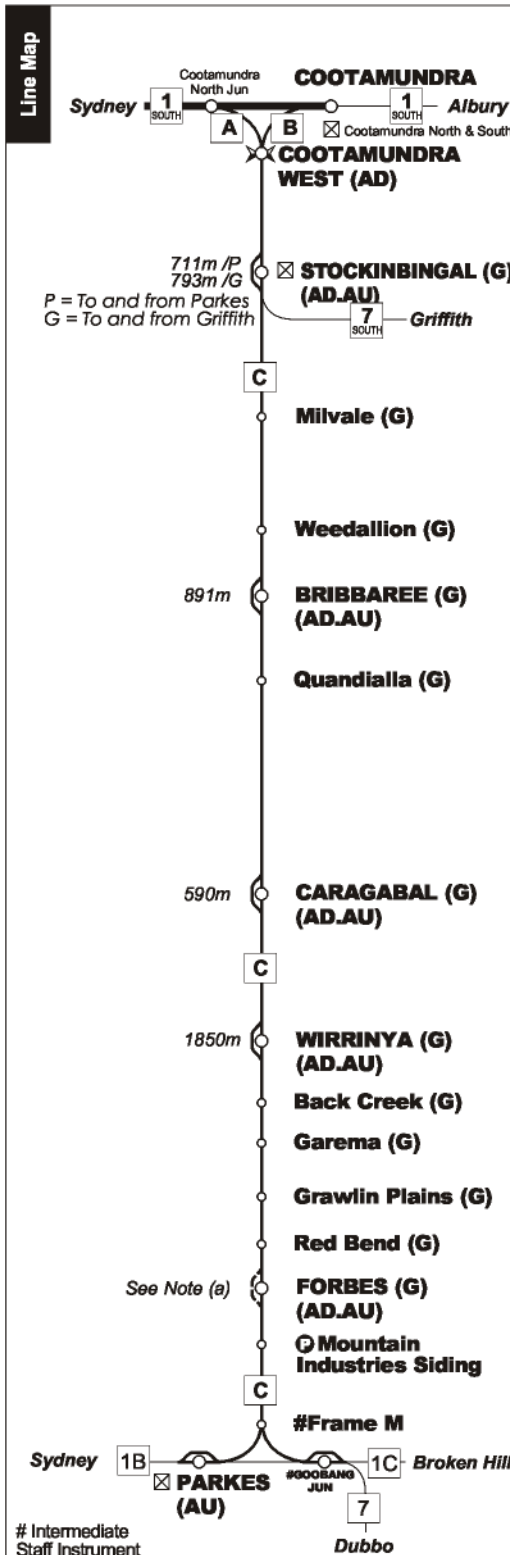
section 8

Maximum Speed of Locomotives and Rolling Stock

Class of Track	SECTIONS					Notes
	Coota. North Jun - Cootamundra West	Cootamundra West - Cootamundra West	Cootamundra West - Parkes			
Line Map reference	A	B	C	D	E	F
Locomotives						
Multiple Locos	4	4	4			
S1	N/A	N/A	N/A			
S2	30	30	60			
S3	30	30	80			
S4	30	30	80			
S5	30	30	80			
S6	30	30	80			
S7	30	30	80			
S8	30	30	80			
S9	60	60	100			
S10	60	60	100			
S11	60	60	80			
S12	60	60	100			
S13	60	60	100			
Freight						
Class A	60	60	100			
Class B	60	60	100			
Class C	60	60	80			
Class D	60	60	60			
Class E	60	60	70			
Class F	N/A	N/A	N/A			
Class G	N/A	N/A	N/A			
Passenger						
XPT	N/A	N/A	N/A			
Xplorer	N/A	N/A	N/A			
Diesel Train	60	60	100			
Loco Hauled	60	60	100			
Accident Cranes						
70 tonne	50	50	50			
110 tonne	60	60	80			
120 tonne	30	30	30			
Notes						

NOTES:

(a) Before trains are programmed to cross at Forbes, the Train Controller is to ascertain if the Silo Siding is clear of wagons. When it is determined the siding is empty, the middle and silo siding may be used for crossing purposes. No crossing loop is provided.



Safeworking System	Locomotive Class	Staff Instrument
Cootamundra North to Cootamundra West	3	Rail Vehicle Detection (North Fork)
Cootamundra to Cootamundra West	3	Rail Vehicle Detection (South Fork)
Cootamundra West to Stockinbingal	2	Electric Staff
Stockinbingal to Bribbaree	2	Electric Staff
Bribbaree to Caragabal	2	Electric Staff
Caragabal to Wurrinya	2	Electric Staff
Wurrinya to Forbes	2	Electric Staff
Forbes to Parkes	2	Electric Staff

Staff Instrument	Staff Instrument
1B	1C
7	7

Location of Speed signs

LOCATION	KILO-METRAGE	DOWN NORM	XPT	UP NORM	XPT	LOCATION	KILO-METRAGE	DOWN NORM	XPT	UP NORM	XPT
COOTAMUNDRA NTH JCT	428.247						515.360	..	..	100	..
COOTAMUNDRA							515.400	100	..	..	..
TRIANGLE LOOPS		25	..	25	..		515.530	..	..	50	..
COOTAMUNDRA WEST	428.890					CARAGABAL	535.528				
	429.350	100	..	50	..		554.620	30	..	100	..
	436.030	75	..	100	..	WIRRINYA	555.051				
	438.220	100	..	75	..		555.626	100	..	30	..
	440.250	75	..	100	..	BACK CREEK	566.373				
	440.920	100	..	75	..	GAREMA	573.912				
	445.080	90	..	100	..	GRAWLIN PLAINS	587.037				
	446.110	60	..	90	..	RED BEND	592.214				
	447.920	..	..	60	..		594.048	..	..	100	..
	448.000	100	..	..	..		594.705	20	..	..	..
	453.500	..	..	100	..		595.065	..	..	20	..
STOCKINBINGAL	454.046						595.965	90	..	..	..
	454.278	30	..	..	..	FORBES	597.271				
	455.646	75	..	30	..		598.555	100	..	90	..
	456.551	100	..	75	..		602.317	90	..	100	..
MILVALE	476.213						604.007	100	..	90	..
	483.930	90	..	100	..		607.030	..	..	100	..
	484.714	75	..	..	..		607.330	75	..	..	..
	486.867	100	..	75	..		608.350	..	..	75	..
	489.080	75	..	100	..		608.650	100	..	..	..
	489.643	90	..	75	..		627.400	..	..	100	..
WEEDALLION	490.155						628.570	..	..	100	..
	491.816	100	..	90	..	PARKES	629.022				
BRIBBAREE	500.629						627.475	30	..	..	..
	515.006						628.280	..	..	30	..
QUANDIALLA	515.006										
	515.230	50	..	..	..			
					..						

Station Data

Station	Kilo-metrage	Signal box Status	Hours of signal box	Facilities
Via South				
Cootamundra North Signal Box	428.951	A	Always	
Cootamundra	428.890			P,TT
Cootamundra West	430.999	C	Controlled from Southern Rail Management Centre Junee	Tri
Stockinbingal	454.046	P	0001 Monday continuous until 2300 Friday, Saturday 1600 – 2400.	G
Milvale	476.213			G
Weedallion	490.155			G
Bribbaree	500.629	U		G
Quandialla	515.006			G
Caragabal	535.528	U		G
Wirinya	555.051	U		G
Back Creek	566.373			G
Garema	573.912			G
Grawlin Plains	587.037			G
Red Bend	592.214			G
Forbes	597.271	U		G
Mountain Industries Siding	600.250			S
Parkes	629.022	P	See SECTION 1B, page 6	P, Tri, TT,WC

Out-of-gauge steel trains

Out-of-gauge steel trains may operate between Cootamundra West and Parkes subject to the conditions shown for Out-of-gauge steel trains contained in the **General Instruction** pages.

The locations where crossings may be made as authorised are as follows:

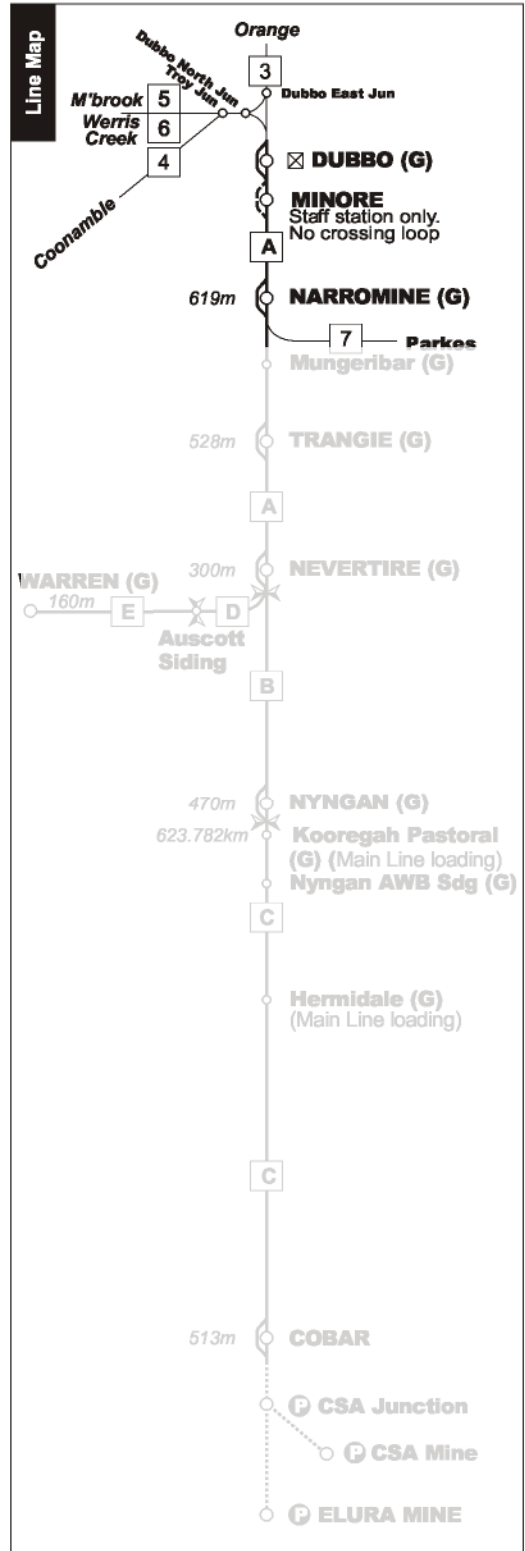
Stockinbingal	Train from Temora must not pass Up Home signal
Bribbaree	Loop line
Caragabal	Loop Line
Wirrinnya	Loop Line

Dubbo - Cobar / Nevertire - Warren section 9

Maximum Speed of Locomotives and Rolling Stock

SECTIONS	Maximum Speed of Locomotives and Rolling Stock						Notes
	Dubbo - Nevertire	Nevertire - Nyngan	Nyngan - Cobar		Nevertire - Auscott	Auscott - Warren	
Class of Track	2	3W	3G		3G	5	
Line Map reference	A	B	C		D	E	
Locomotives							
Multiple Locos	4	4	4		4	4	
S1	N/A	N/A	N/A		35	N/A	
S2	60	25	25		35	N/A	
S3	80	N/A	N/A		35	N/A	
S4	80	N/A	N/A		35	N/A	
S5	80	35	35		35	N/A	
S6	80	35	35		35	N/A	
S7	80	35	35		35	N/A	
S8	80	35	35		60	N/A	
S9	100	100	60		60	N/A	
S10	100	100	60		80	N/A	
S11	80	80	60		60	N/A	
S12	100	100	80		80	20	
S13	100	100	80		80	20	
Freight							
Class A	100	100	80		80	20	
Class B	100	100	80		80	20	
Class C	80	80	80		80	20	
Class D	60	60	60		60	20	
Class E	70	50	60		60	--	
Class F	N/A	N/A	N/A		N/A	N/A	
Class G	N/A	N/A	N/A		N/A	N/A	
Passenger							
XPT	N/A	N/A	N/A		N/A	N/A	
Xplorer	N/A	N/A	N/A		N/A	N/A	
Diesel Train	100	100	80		80	20	
Loco Hauled	100	100	80		80	20	
Accident Cranes							
70 tonne	--	--	50		--	--	
110 tonne	100	100	60		60	--	
120 tonne	--	--	N/A		--	--	
Notes							

NOTES:



Safeworking System

Dubbo to Minore
 Minore to Narromine
 Narromine to Trangie
 Trangie to Nevertire
 Nevertire to Nyngan
 Nyngan to Cobar
 Nevertire to Warren

Electric Staff
 Electric Staff
 Staff and Ticket
 Staff and Ticket
 Staff and Ticket
 Staff and Ticket
 Staff and Ticket

DOWN LOADS & CONDITIONS SECTIONS	LOCO- MOTIVE CLASS = L	LOCOMOTIVES					TRAIN DATA		NOTES
		SINGLE	DOUBLE	TRIPLE	QUAD	QUIN	VEHICLE CLASS	SECT RUN TIMES	
		LOADS TONNES							
1 DUBBO – COBAR	L4	1650	3300	--	--	--	ABCD	1 - 9	
2 DUBBO – NARROMINE	L13	510	1020	1530	2040	--	ABC	2 - 9	
3 NARROMINE - COBAR	L13	1053	2106	3159	4212	--	ABC	3 - 9	1
4 DUBBO - COBAR	L13	--	572	--	--	--	ABC	4 - 9	
5 DUBBO - COBAR	L7/L12	600	1200	1800	2400	--	ABC	4 - 9	
6 NARROMINE – NYNGAN	L13	2100	4200	--	--	--	ABCD	5 - 9	
7 DUBBO - COBAR	L4/L10/L11	900	1800	2700	3600	--	ABCD	6 - 9	

NEVERTIRE - WARREN

8 NEVERTIRE – WARREN	L13	510	1020	1530	2040	--	ABCD	2 - 9	
9 NEVERTIRE – AUSCOTT SDG	L4/L10/L11	900	1800	2700	3600	--	ABCD	6 - 9	

1. Tested and approved load.

DOWN	SECTIONAL RUNNING TIMES							FULL SECTIONAL LOADS														GRADE
	LOCOMOTIVE CATEGORIES = L							LOCOMOTIVE CATEGORIES = L														
	1	2	3	4	5	6	## Loco	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
DUBBO to	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻
469.200km	..	..	..	..	..	..	..	1892	1743	1646	1543	1359	1328	1285	1105	1068	977	912	636			1:60
MINORE	31a	29a	25a	25a	17a/17a			3300	3047	2882	2711	2395	2330	2271	1959	1887	1737	1621	1131			1:120
NARROMINE	24a	19a	↻	19a	↻	23a	18a/20a	2289	2111	1995	1872	1651	1610	1563	1346	1299	1191	1112	776			1:75
Mungeribar	18	20	13	31	17	11/13		4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600			Level
TRANGIE	19a	19a	15a	31a	19a	12a/15a		4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600			Level
NEVERTIRE	37a	40a	28a	62a	37a	23a/27a		4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600			Level
NYNGAN	100a	68a	48a	110a	100a	47a/100a		4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600			Level	
Kooregah Pastoral	5	6	3	5				4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600			Level	
COBAR	245a	197a	120a	244a	115a/147a			2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984			1:100	
NEVERTIRE to:	↻	↻	↻	↻	↻	↻	↻															
Auscott Siding	17a	11			17a	11/17		4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600			Level
WARREN		33a				33a/ NA												2288	1600			Level

Right hand running times of column are for S2 to S8 category locomotives.

UP LOADS & CONDITIONS SECTIONS	LOCO- MOTIVE CLASS = L	LOCOMOTIVES					TRAIN DATA		NOTES
		SINGLE	DOUBLE	TRIPLE	QUAD	QUIN	VEHICLE CLASS	SECT RUN TIMES	
		LOADS TONNES							
1 COBAR – NARROMINE	L13	1053	2106	3159	4212	--	ABC	1 - 9	
2 NARROMINE – DUBBO	L13	700	1400	2100	2800	--	ABC	2 - 9	
3 COBAR – DUBBO	L13	500	1000	1500	2000	--	ABC	3 - 9	
4 COBAR – DUBBO	L7/L12	1000	2000	3000	4000	--	ABC	3 - 9	
5 COBAR – DUBBO	L4	1650	3300	--	--	--	ABCD	4 - 9	
6 COBAR – DUBBO	L10/L11	1000	2000	3000	4000	--	ABCD	4 - 9	
7 NYNGAN – NARROMINE	L13	2100	4200	--	--	--	ABCD	5 - 9	
8 COBAR – DUBBO	L4	2106	4212	--	--	--	ABCD	6 - 9	

WARREN - NEVERTIRE

10 WARREN – NEVERTIRE	L13	2100	4200	--	--	--	ABCD	5 - 9	2
11 AUSCOTT SDG – NEVERTIRE	L4/L10/L11	2106	4212	--	--	--	ABCD	6 - 9	2

2. Tested and approved load.

UP	SECTIONAL RUNNING TIMES							FULL SECTIONAL LOADS														GRADE
	LOCOMOTIVE CATEGORIES = L							LOCOMOTIVE CATEGORIES = L														
	1	2	3	4	5	6	## Loco	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
COBAR to	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻
Kooregah Pastoral	166	115	247		250	115/243		2881	2659	2514	2363	2086	2032	1975	1704	1643	1511	1410	984			1:100
NYNGAN	4a	3a	5a	↻	5a	3a/5a		4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600			1:200
NEVERTIRE	81a	51a	100a	137a	100a	45a/100a		4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600			Level
TRANGIE	49a	31a	37a	83a	38a	23a/27a		4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600			Level
Mungeribar	27	18	20	45	20	12/14		4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600			Level
NARROMINE	22a	↻	14a	17a	38a	17a	11a/13a	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600			Level
MINORE		31a	25a	27a		30a	16a/18a	2161	1992	1882	1766	1557	1519	1473	1268	1224	1122	1047	731			1:70
DUBBO		26a	23a	26a		28a	18a/18a	2161	1992	1882	1766	1557	1519	1473	1268	1224	1122	1047	731			1:70
WARREN to:																						
Auscott Siding					34	↻	33/ NA		4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600			Level
NEVERTIRE					23a	17a	11a/17a	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600			Level

Right hand running times of column are for S2 to S8 category locomotives.

Location of Speed signs (Dubbo to Cobar)

LOCATION	KILO-METRAGE	DOWN NORM	XPT	UP NORM	XPT	LOCATION	KILO-METRAGE	DOWN NORM	XPT	UP NORM	XPT
DUBBO	462.209						685.522	60	..	..	..
	462.725	15	..	70	..		689.932	..	..	60	..
	463.290	..	..	15	..		690.432	80	..	..	..
	463.370	100	..	..	..		710.400	..	..	80	..
	471.200	..	..	100	..		710.912	75	..	..	..
	471.490	95	..	..	..		719.200	..	..	75	..
	471.800	..	..	95	..		719.735	60	..	..	..
	472.100	100	..	..	..		720.158	..	..	60	..
MINORE	476.695						720.650	75	..	..	..
							723.909	..	..	75	..
							724.400	80	..	..	..
NARROMINE	497.554						741.000	..	..	80	..
							741.541	60	..	..	..
MUNGERIBAR	513.062						742.727	..	..	60	..
							743.230	80	..	..	..
TRANGIE	530.489						745.960	..	..	80	..
							746.464	60	..	..	..
	563.600	..	..	100	..		747.120	..	..	60	..
NEVERTIRE	563.701						747.639	80	..	..	..
							749.050	..	..	80	..
	564.000	80	..	..	..		749.555	60	..	..	..
	621.130	..	..	80	..		750.734	..	..	60	..
NYNGAN	621.656						751.230	80	..	..	..
							753.800	..	..	80	..
	622.000	80	..	..	..			
	685.000	..	..	80	..	COBAR	754.197				

Location of Speed signs (Nevertire to Warren)

WARREN BRANCH: 575.000km to Warren = Class 5 Line – No speed signs provided. Maximum speed subject to MAXIMUM SPEED OF LOCOMOTIVES AND ROLLING STOCK TABLE

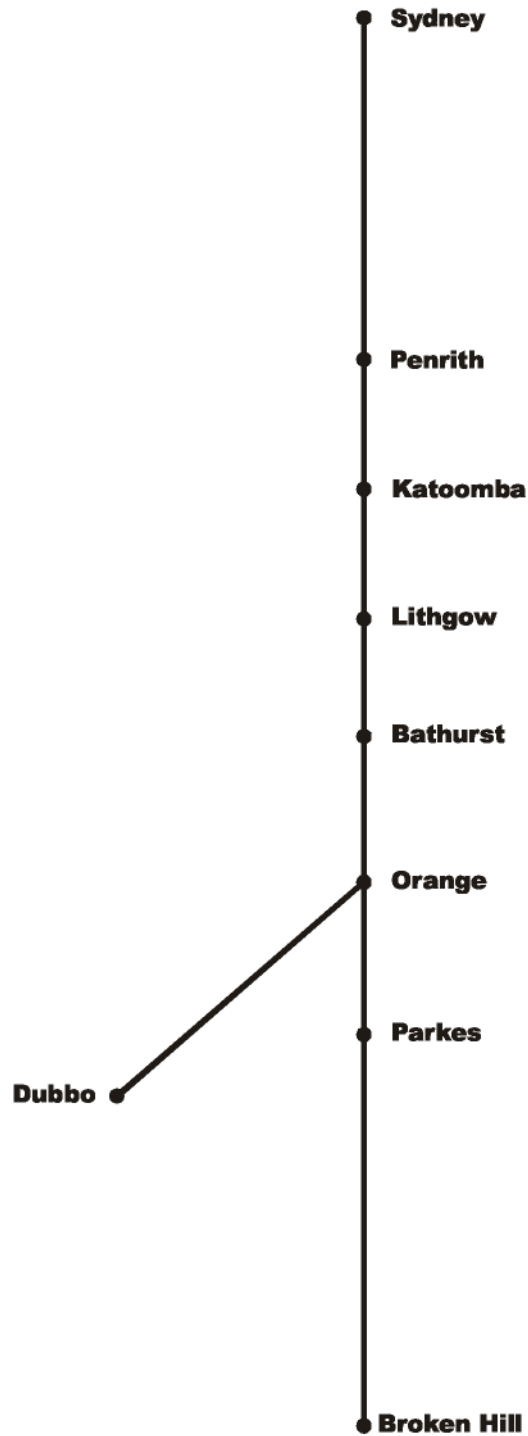
LOCATION	KILO-METRAGE	DOWN NORM	XPT	UP NORM	XPT	LOCATION	KILO-METRAGE	DOWN NORM	XPT	UP NORM	XPT
	564.000	40	..	..	..		568.465	75	..	80	..
⊗ Level crossing sign	564.200	⊗25	..	..	..	⊗ Level crossing sign	568.800	..	..	⊗60	..
	564.675	80	..	40	..		568.895	80	..	75	..
⊗ Level crossing sign	568.100	⊗60	..	..	..		575.000	20	..	80	..

Station Data

Station	Kilo-metrage	Signal box Status	Hours of signal box	Facilities
Dubbo	462.209	P	See SECTION 3, Page 4	F,G,P,TT,Tri
Minore	476.695	U	Unattended	
Narromine	497.554	U	Unattended	G
Mungeribar	513.062			G
Trangle	530.489	U	Unattended	G
Nevertire	563.701	U	Unattended	G
Nyngan	621.565	U	Unattended	G,TT
Kooregah Pastoral	623.782			G
Nyngan AWB Sdg	625.620			G
Cobar	754.197	U	Unattended	TT
WARREN BRANCH				
Auscott Siding	573.000			PS
Warren	583.739	U	Unattended	G, Tri

western

passenger train running times



COLUMN	AREA	COMPOSITION
Column 1 Down / Up	Sydney - Broken Hill - Sydney	1 x NR 850 tonnes
Column 2 Down / Up	Sydney - Broken Hill - Sydney	2 x NR 1280 tonnes
Column 3 Down / Up	Sydney - Orange - Broken Hill - Orange - Sydney	1 x 81 / 82 class 139 tonnes
Column 4 Down / Up	Sydney - Dubbo - Sydney	XPT
Column 5 Down / Up	Sydney - Broken Hill - Sydney	Xplorer 3 car unit

Down

	1	2	3	4	5
Sydney	↻	↻	↻	↻	↻
Illawarra Jun	4	4	4	3	3
Ashfield	5	5	5	5	5
Strathfield	3	3	3a	3a	3a
Homebush	1	1	2	1	1
Flem CS Jun	2	2	2	2	1
Lidcombe	1	1	1	1	1
Auburn	1	1	2	1	1
Clyde	2	2	2	2	2
Granville	1	1	1	1	1
Parramatta	2	1	2a	2a	2a
Westmead	1	1	2	2	2
Seven Hills	4	4	5	4	3
Blacktown	2	2	3	4a	3
St Marys	7	7	8	7	6
Penrith	5	5	5a	4a	5a
Emu Plains	2	2	3	2	2
Glenbrook	11	10	8	7	7
Valley Heights	13	10	10	9	8
Springwood	4	3	4	3	3
Lawson	26	22	18	18	18
Wentworth Falls	11	9	7	7	7
Katoomba	12	10	9	9a	8a
Mt Victoria	18	18	17	14	14
Newnes Junction	14	14	13	11	11
Lithgow CS Box	13a	13a	13	10	10
Lithgow	2	2a	2a	4a	3a
Wallerawang	12	12	11	11	11
Tarana	26	25	23	21	22
Locksley	13	13	13	11	..
Raglan	18	18	15	14	..
Kelso	3	3	3	2	27
Bathurst	6a	6a	6a	6a	6a
Newbridge	39	36	31	28	27
Murrobo	15	14	14	14	13
Blayney	3a	3a	3a	3a	3a
Polona	10	9	8	7	8
Springhill	6	6	5	6	5
Orange East Fork	9a	9a	9	5	6
Molong	31	31	*34		26
Manildra	21	20	20		17
Bumberry	21	20	17		18
Parkes Sub Term	24	24	23		20
Parkes	8a	8a	7a		9a
Goobang Jun	3	3	4		2
Gunningbland	14	14	12		13
Bogan Gate	7	7	7		7
Yarrabandai	12	12	12		11
Ootha	7	7	6		7
Derriwong	7	7	7		6
Condobolin	10a	10a	10a		10a
Kiacatoo	19	19	25		18
Euabalong West	22	22	15a		22a
Matakana	25	25	26		25
Roto	23	23	22		20
Trida	24	24	22		22
Ivanhoe	37a	37a	36a		34a
Darnick	36	36	35		34
Kaleentha	34	34	35		32
Menindee	36a	36a	36a		33a
Kinalung	35	35	34		32
Broken Hill	40a	40a	38a		37a
Orange East Fork			↻	↻	↻
Orange			4a	3a	3a
Stuart Town				33a	
Wellington				20a	
Combo				12	
Geurie				6a	
Wongarbon				8	
Dubbo				14a	

Up

	1	2	3	4	5
Broken Hill	↻	↻	↻		↻
Kinalung	40	40	38		38
Menindee	33a	33a	34a		31a
Kaleentha	38	38	36		33
Darnick	34	34	33		32
Ivanhoe	36a	36a	36a		33a
Trida	38	37	37		35
Roto	24	24	23		22
Matakana	23	23	23		20
Euabalong West	25	25	26a		23
Kiacatoo	15	15	15		22
Condobolin	25a	25a	24a		17a
Derriwong	11	11	11		10
Ootha	7	7	5		6
Yarrabandai	7	7	11		7
Bogan Gate	12	12	11		11
Gunningbland	7	7	8		7
Goobang Jun	13	13	14		13
Parkes	3a	3a	3a		3a
Parkes Sub Term	8	8	8		10
Bumberry	27	25	24		20
Manildra	19	19	18		18
Molong	24	24	17		19
Orange East Fork	39a	37a	30a		32a
Dubbo	↓	↓	↓		↻
Wongarbon	↓	↓	↓		11
Geurie	↓	↓	↓		7a
Combo	↓	↓	↓		6
Wellington	↓	↓	↓		12a
Stuart Town	↓	↓	↓		22a
Orange	↓	↓	↓		37a
Orange East Fork	↓	↓	↓		3
Springhill	13	13	8		6
Polona	10	10	11		9
Blayney	9	9	8a		6a
Murrobo	4	4	6		3
Newbridge	14	14	14		13
Bathurst	31a	31a	31a		27a
Kelso	10	10	9		7
Raglan	6	5	5		4
Locksley	16	16	15		12
Tarana	14	14	14		10
Wallerawang	26	26	27		22
Lithgow	15a	15a	14a		9a
Lithgow CS Box	2	2	2		1
Newnes Jun	13	13	12		11
Mt Victoria	14	14	13		13
Katoomba	18a	18a	16		14a
Wentworth Falls	9	9	9		8
Lawson	6	6	7		6
Springwood	17	17	15		16
Valley Heights	2	2	2		2
Glenbrook	10	10	10		10
Emu Plains	10	10	10		9
Penrith	2	2	3a		4a
St Marys	5	5	5		4
Blacktown	7	7	8		8a
Seven Hills	2	2	2		3
Westmead	4	4	4		3
Parramatta	2	2	2a		2a
Granville	2	2	2		2
Clyde	1	1	1		1
Auburn	1	1	2		1
Lidcombe	1	1	2		2
Flem Cs Jun	2	2	2		2
Homebush	2	2	2		2
Strathfield	1	1	1a		1a
Ashfield	3	3	3		3
Illawarra Jun	5	5	5		5
Sydney	4a	4a	5a		4a

A = To arrive. All other times are passing.
* From Orange