

VICTORIAN RAILWAYS

DIAGRAM OF GRADIENTS & CURVES

REFERENCE NOTES

LARA
53 FT

Station and height in feet above
Low Water Mark, Hobson's Bay.

JUNCN

Junction of Lines.

1917

Year Line opened.

EMUC

Important Water Course.

G

Crossing with Gates.

I. G. Interlocking Gates.

x

Public Road Level Crossing.

100

Gradient 1 in 100.

96

Miles from Melbourne.

40

Radius of Curve in Chains.

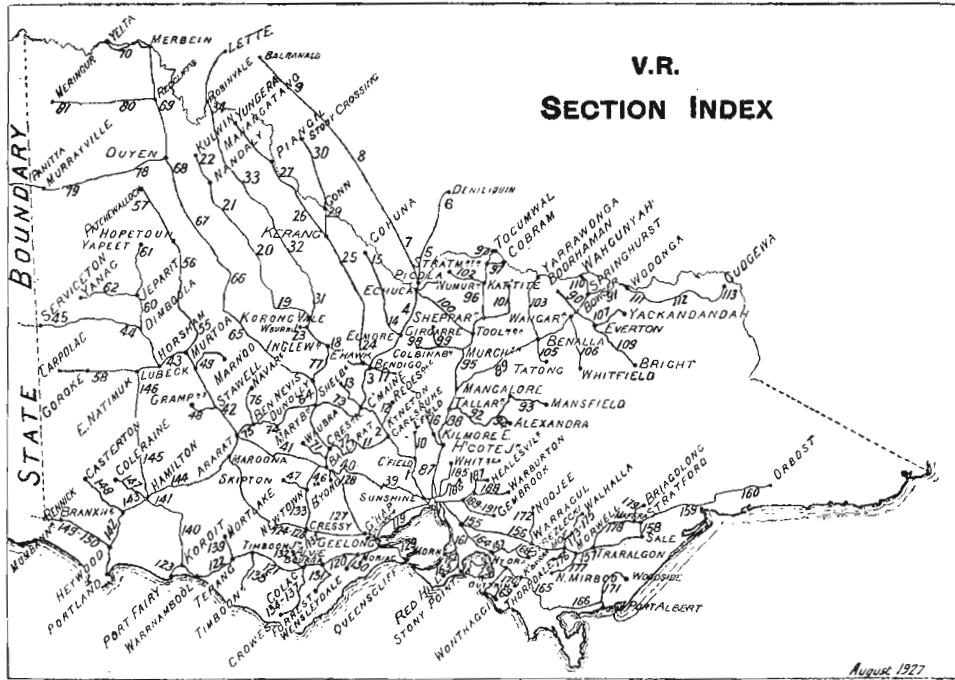
HORIZONTAL SCALE

MILES 0 1 2 3 4 5 MILES

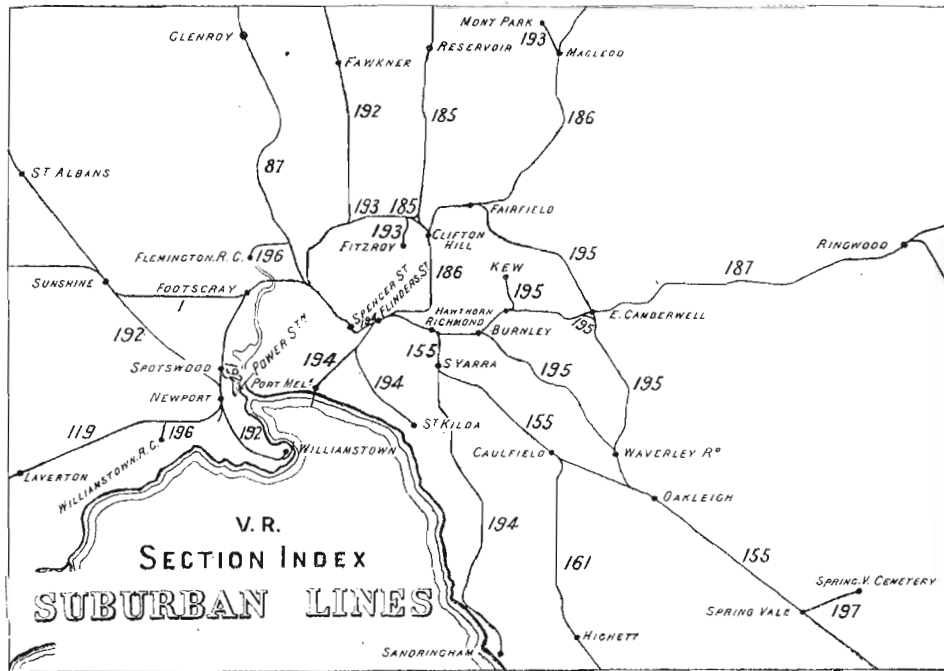
VERTICAL SCALE

FEET 0 200 400 600 800 1000 FEET

**V.R.
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August 1927



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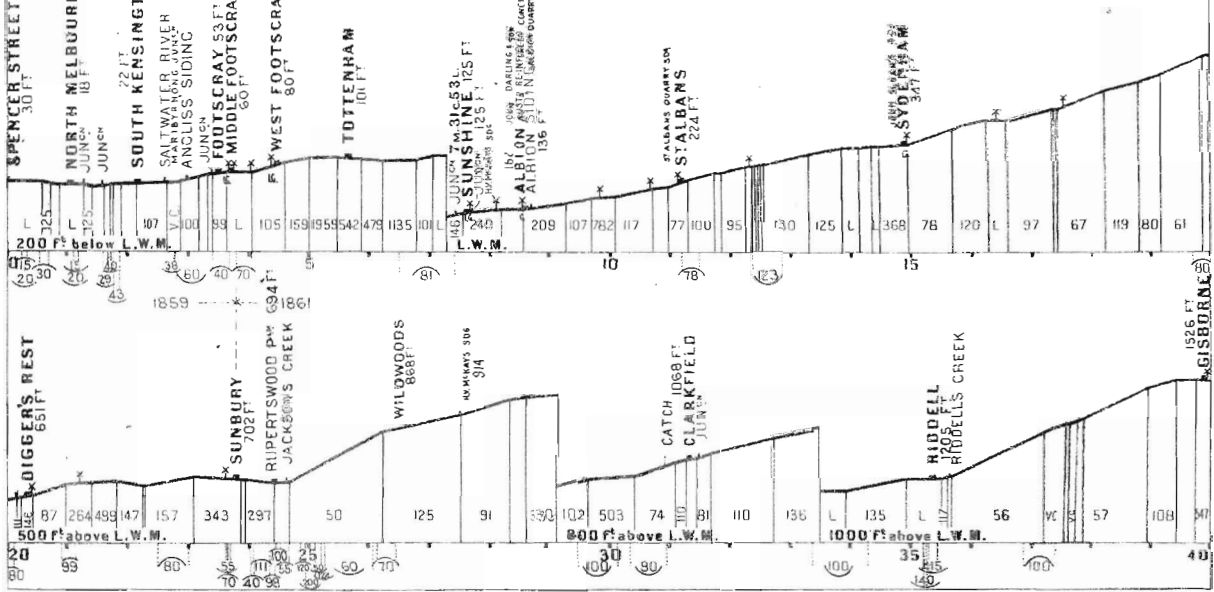
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NORTHERN DISTRICT.

Melbourne to Echuca



1859

1859

200 F_t below L.W.M.

500 F_t above L.W.M.

800 F_t above L.W.M.

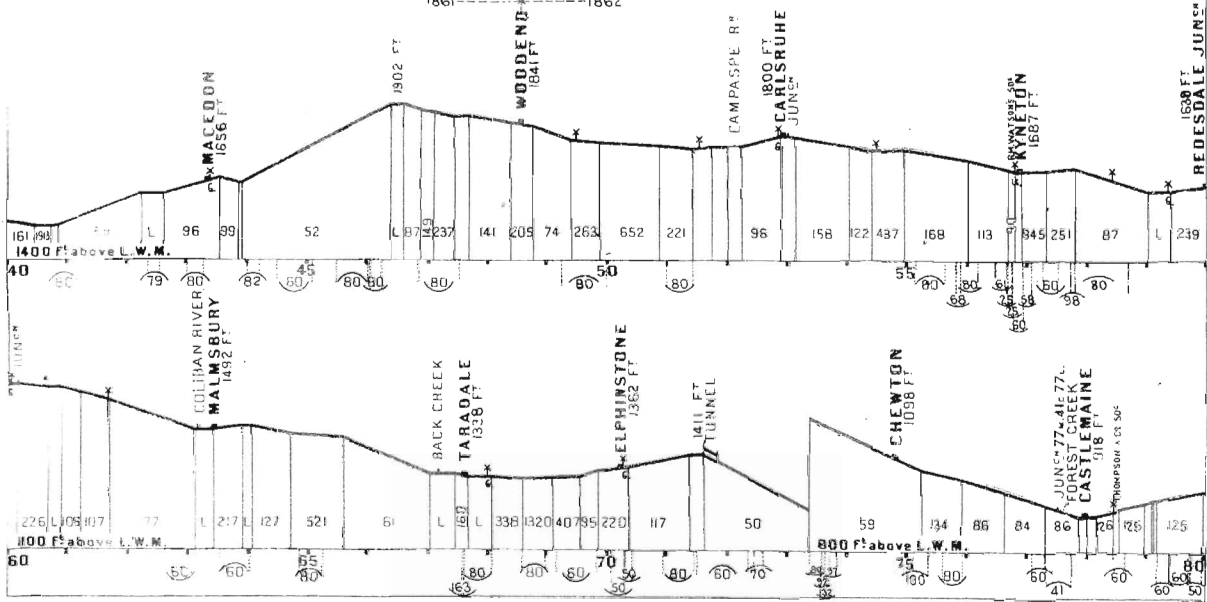
1000 F_t above L.W.M.

(90)

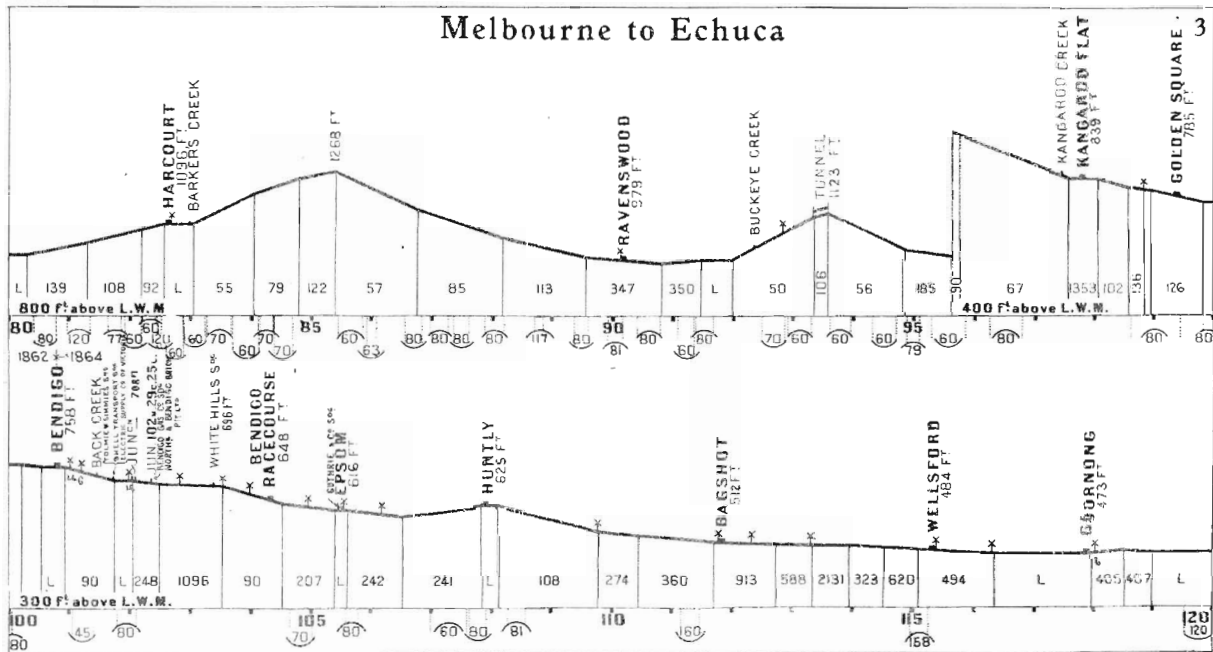
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Melbourne to Echuca

1861-----1862

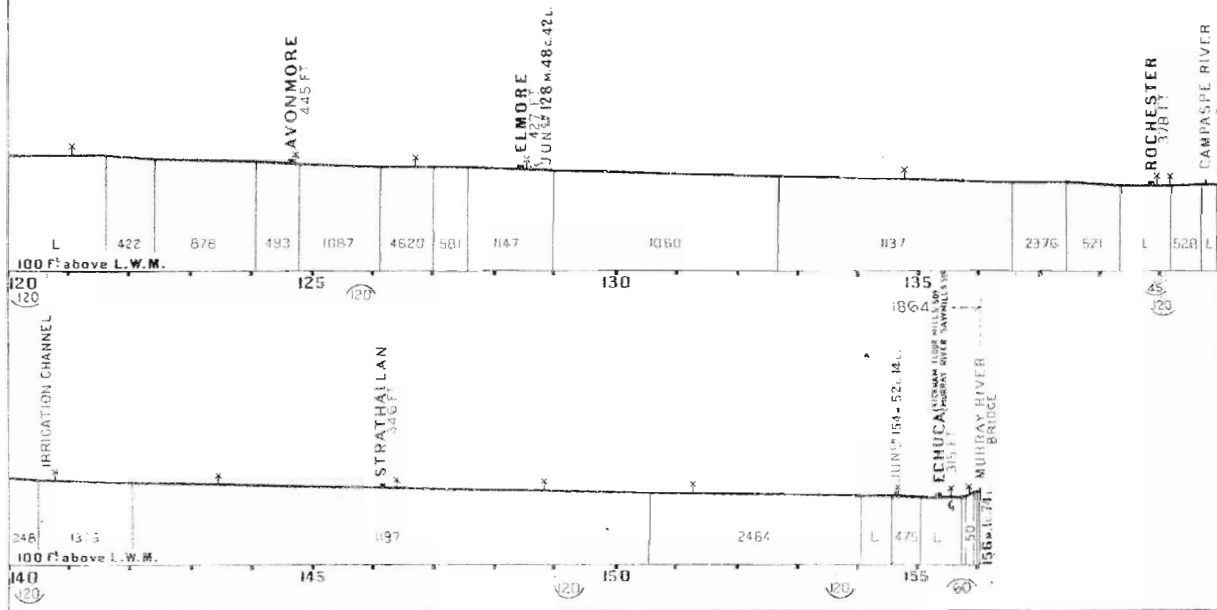


Melbourne to Echuca

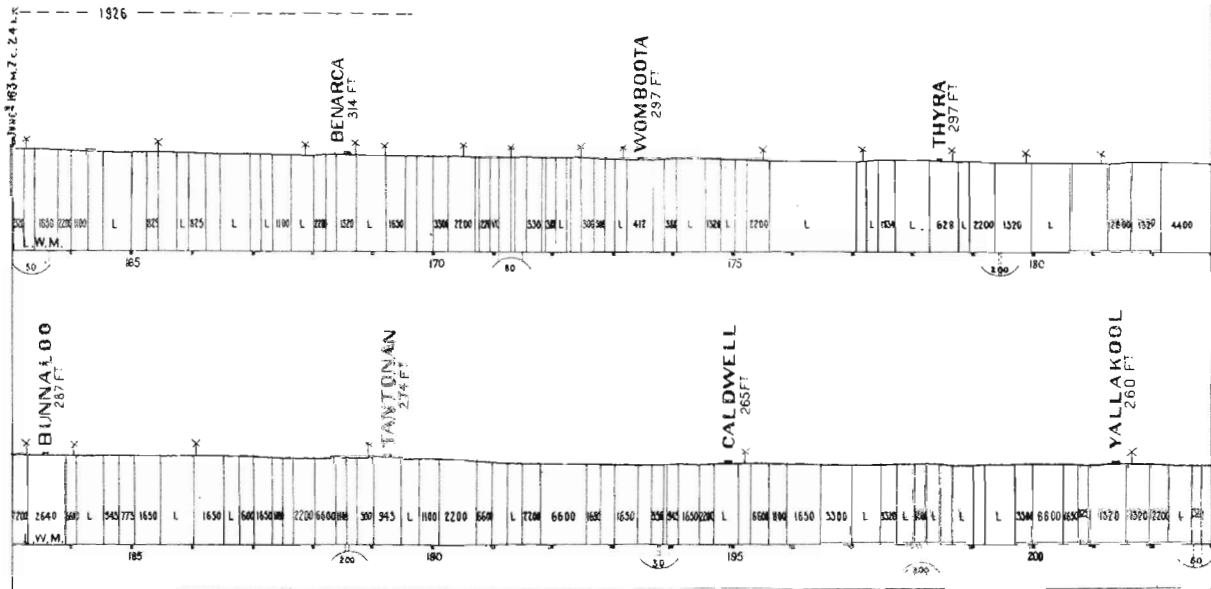


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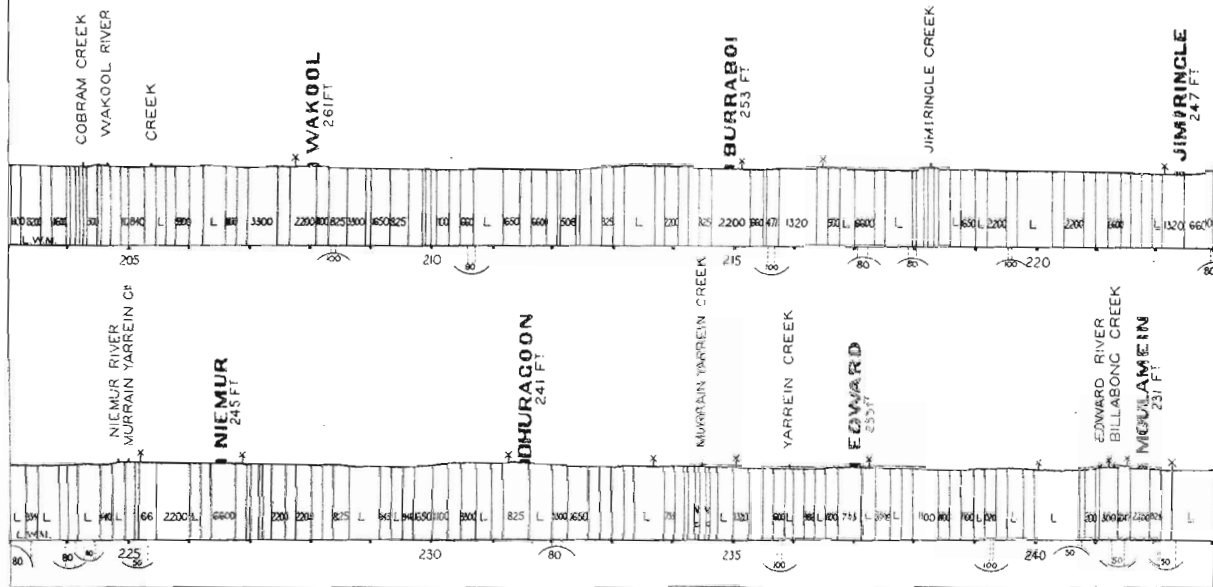
Melbourne to Echuca



Moama to Balranald

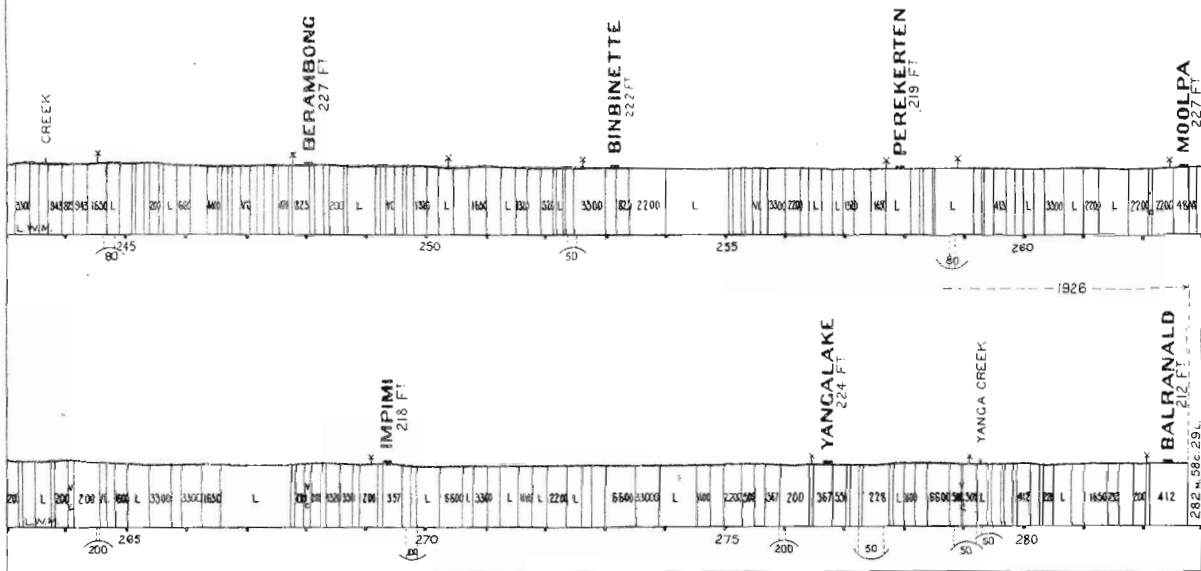


Moama to Balranald



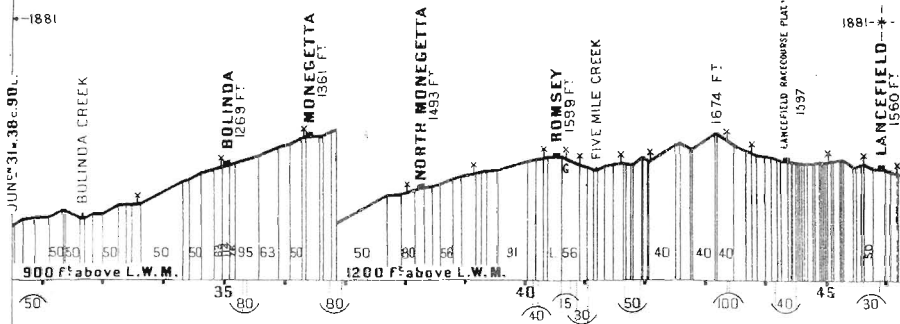
Moama to Balranald

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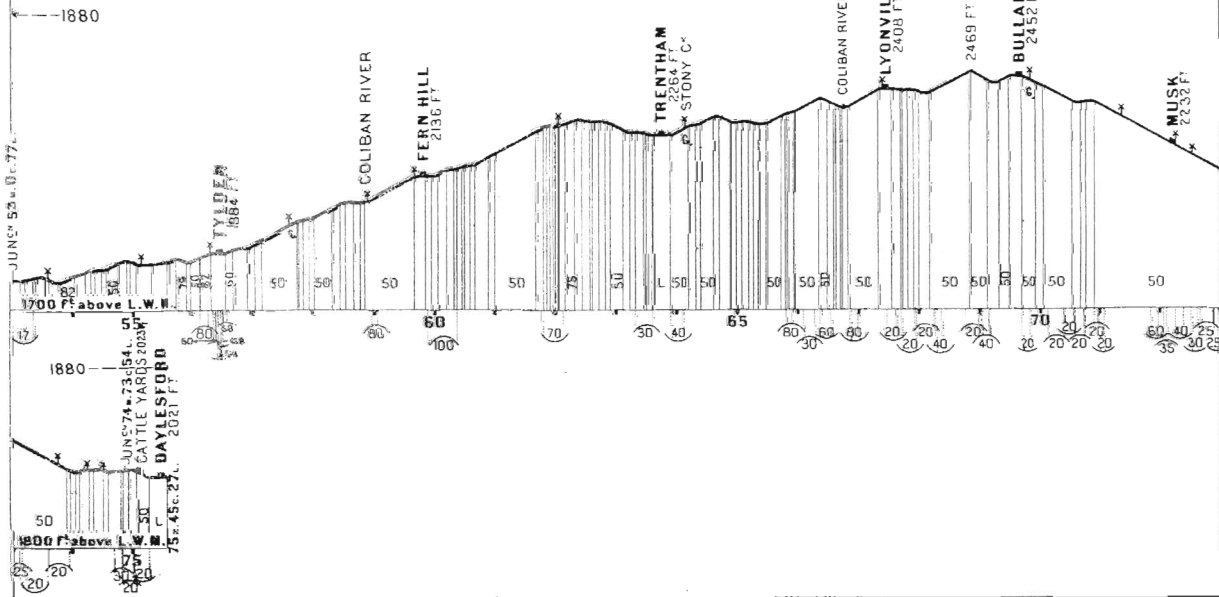


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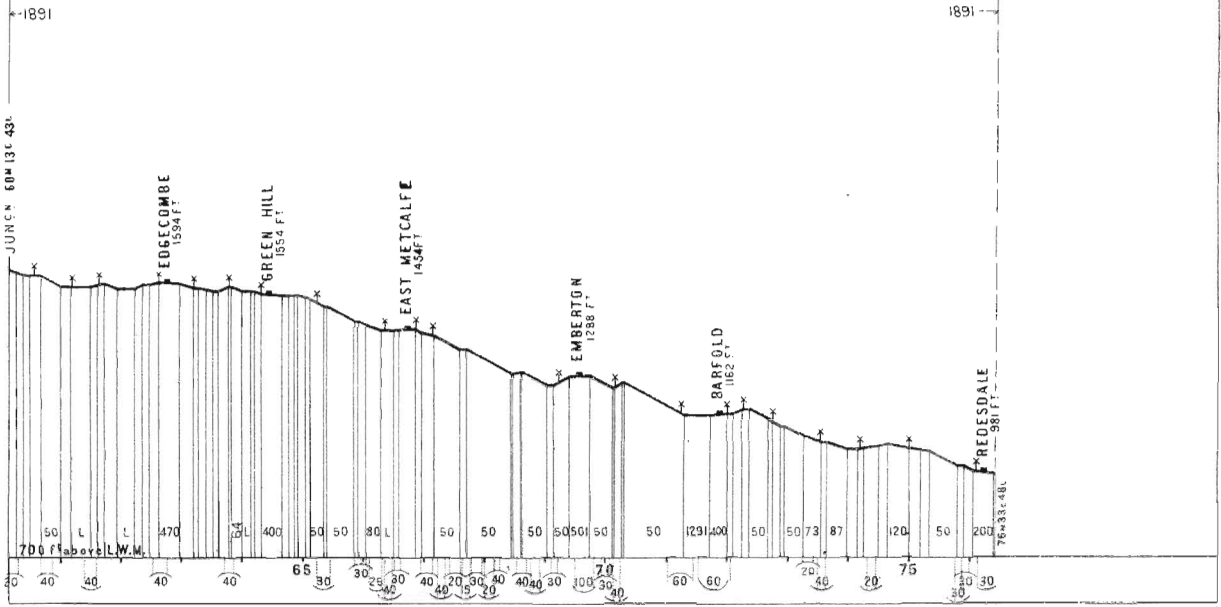
Clarkefield to Lancefield



Carlsruhe to Daylesford

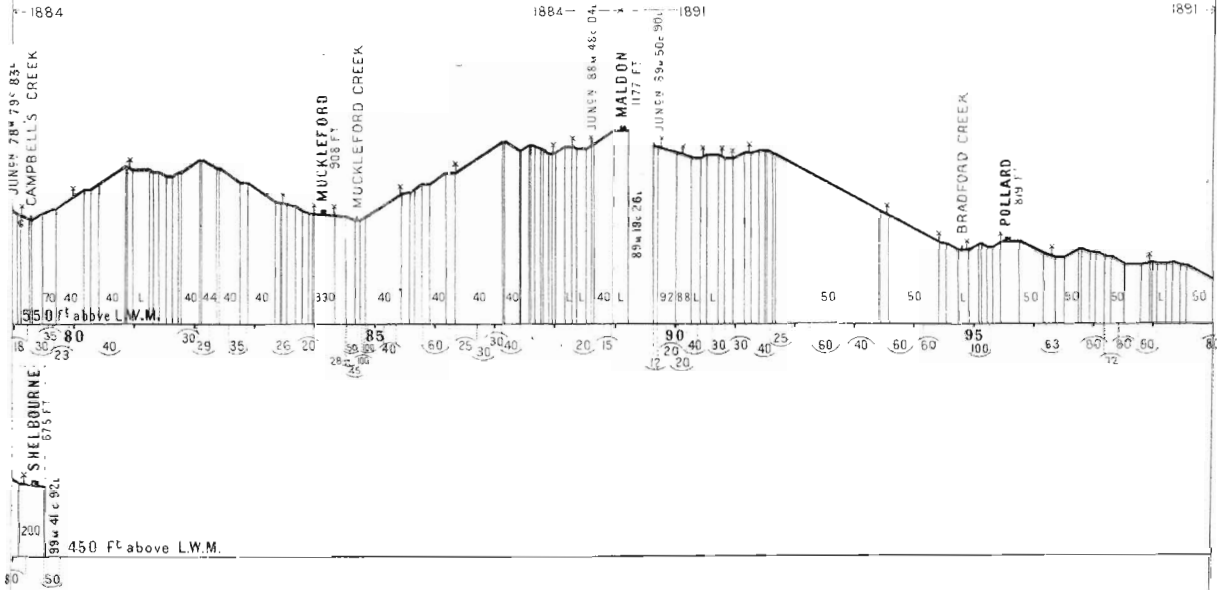


Redesdale Junction to Redesdale



Castlemaine to Shelbourne

13

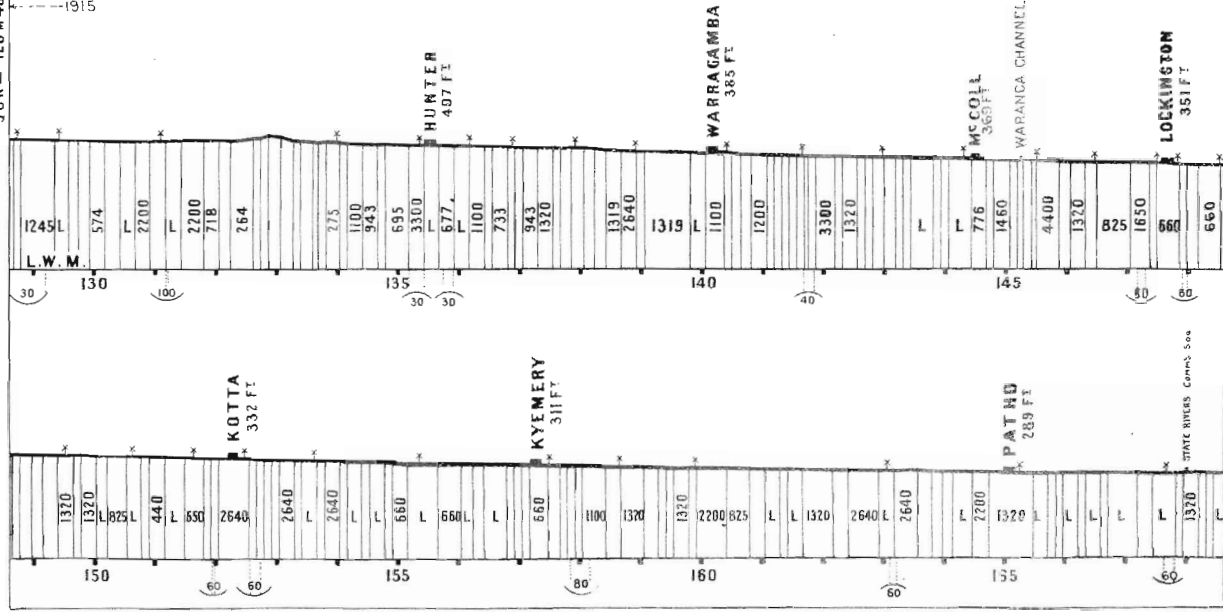


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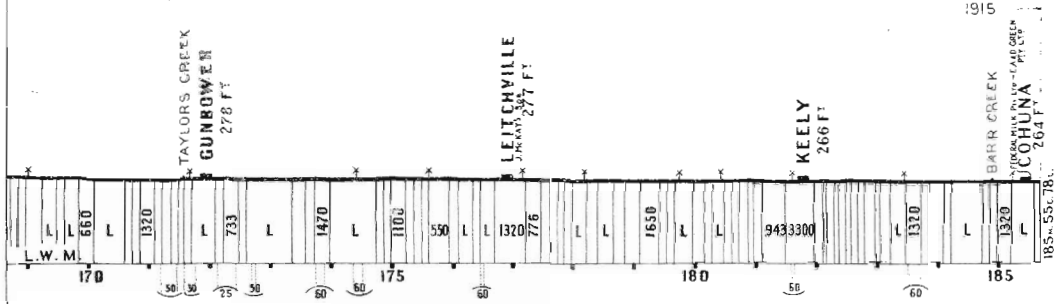
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Elmore to Cohuna



STATE RIVERS COMMISSION

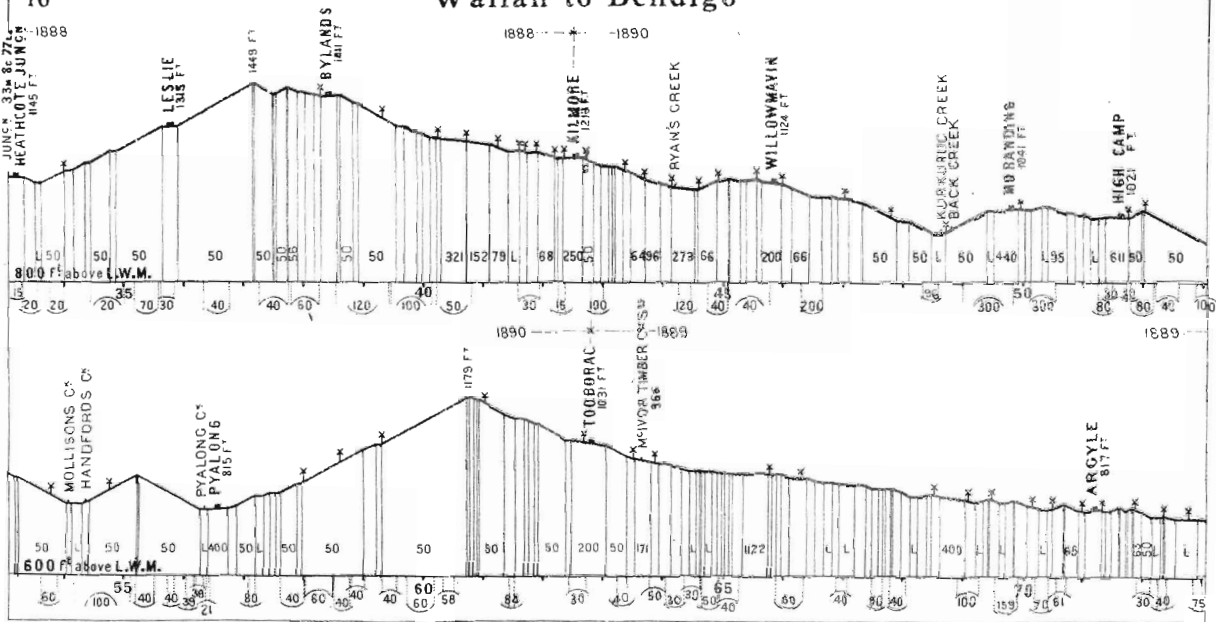
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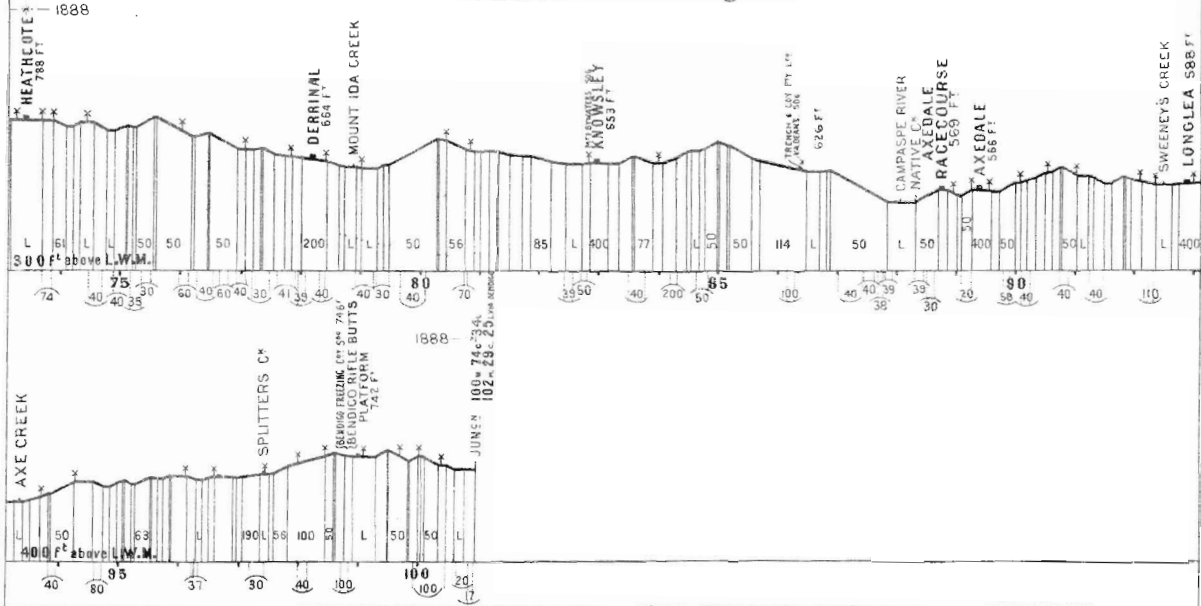
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Wallan to Bendigo

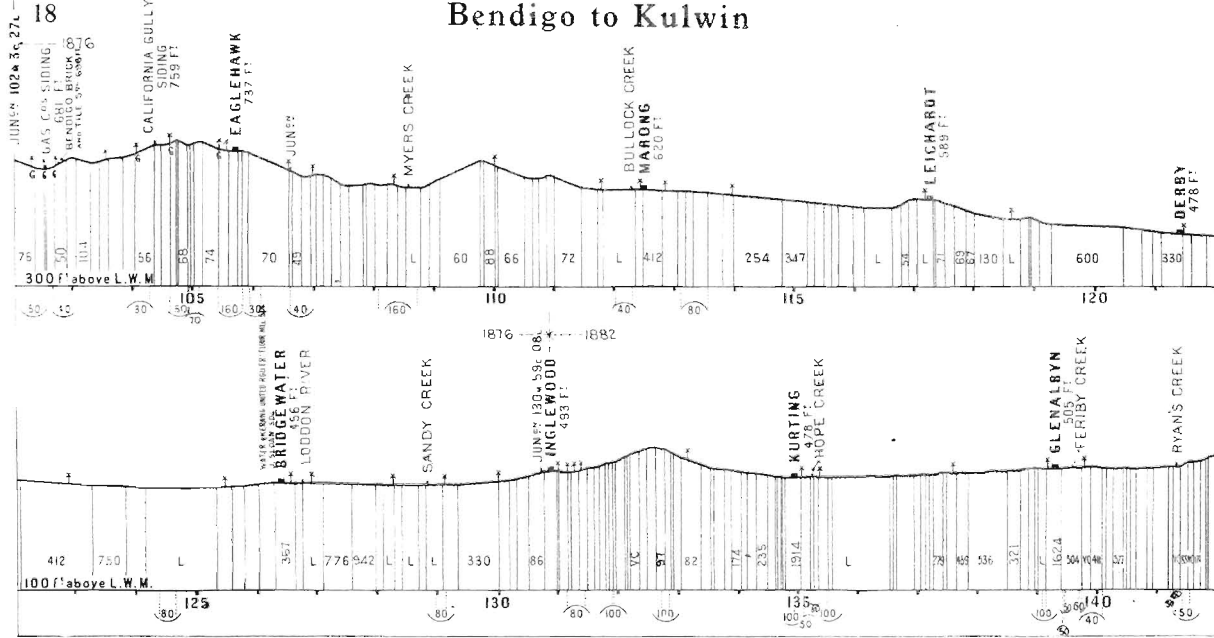
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HEATHCOTE JUNC^N
1145 FT. 1888



Wallan to Bendigo

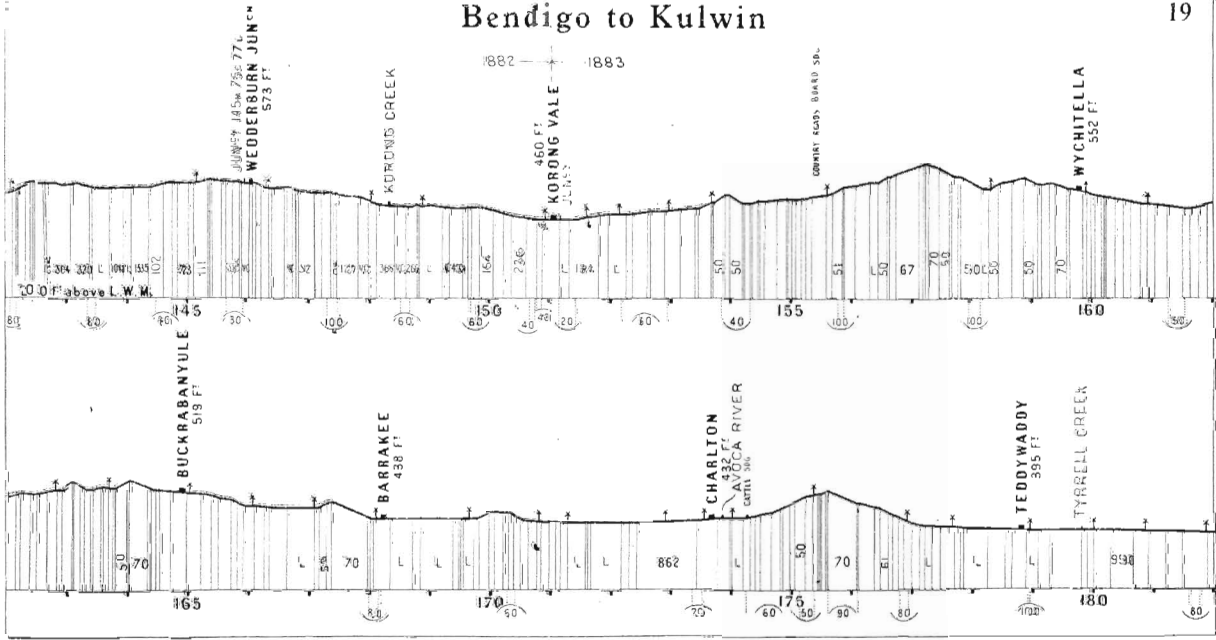


Bendigo to Kulwin

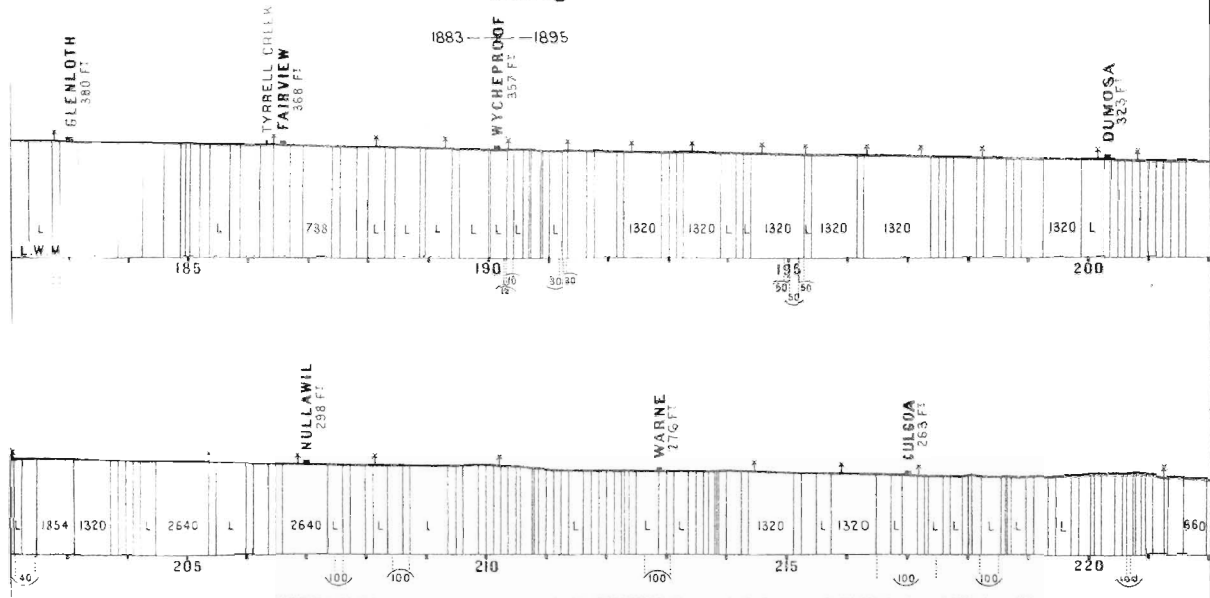


Bendigo to Kulwin

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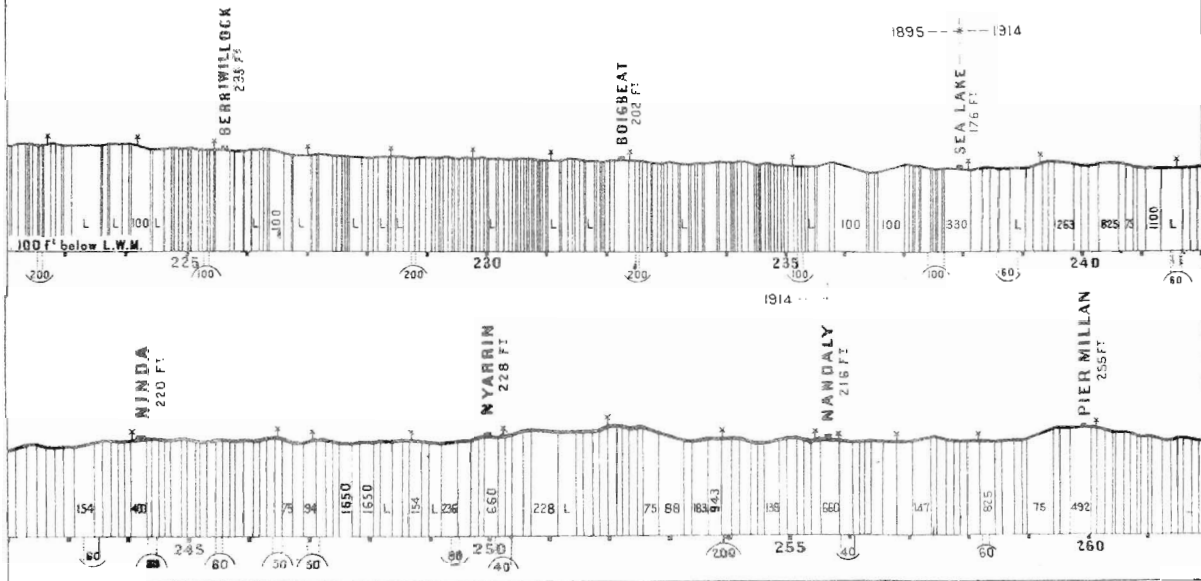


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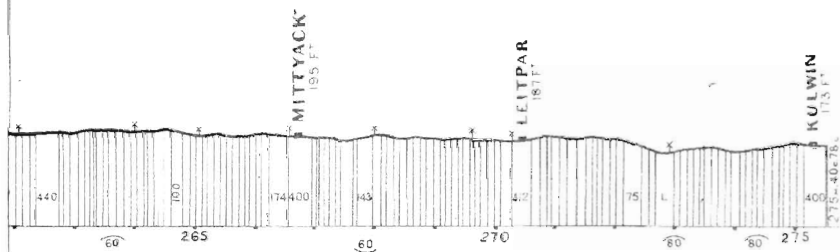


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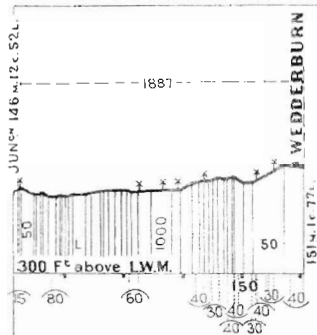
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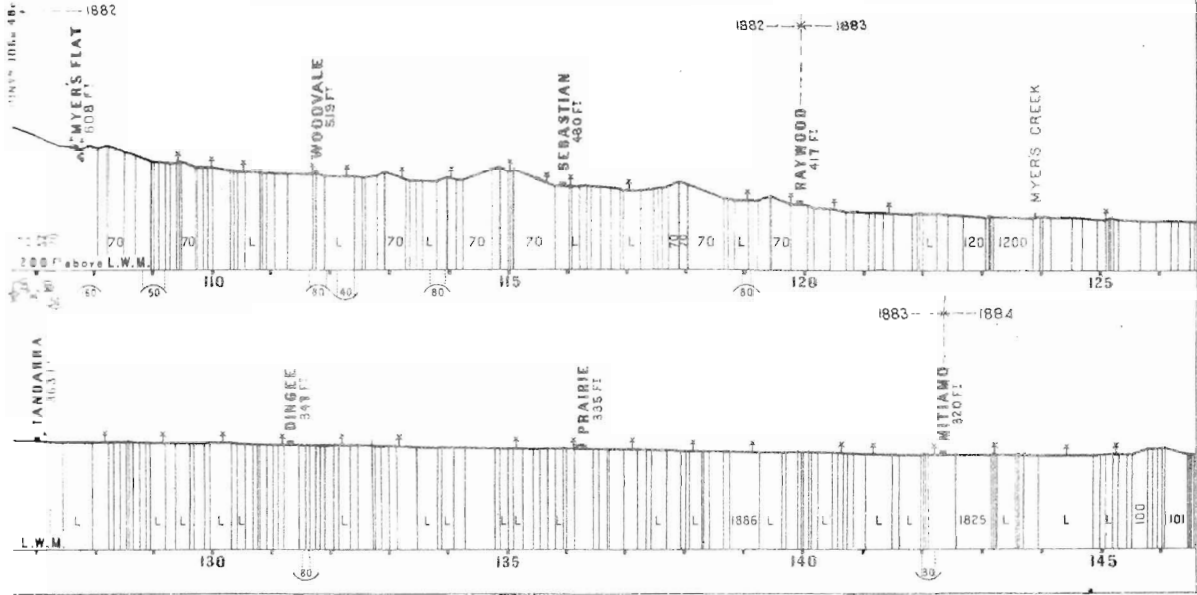
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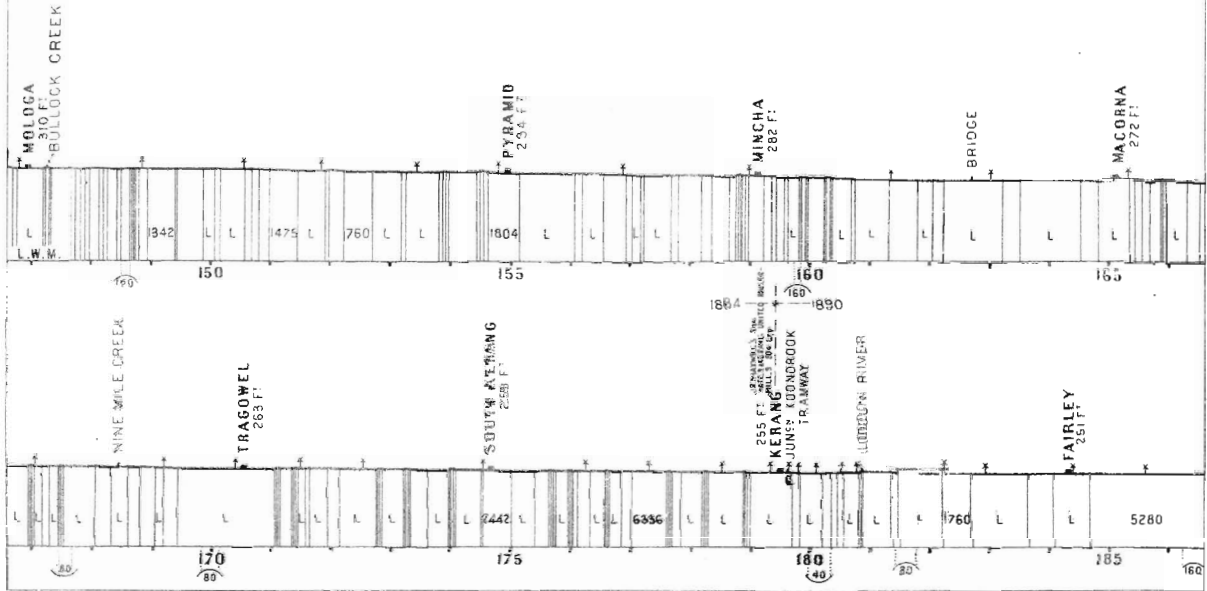
Wedderburn Junction to Wedderburn



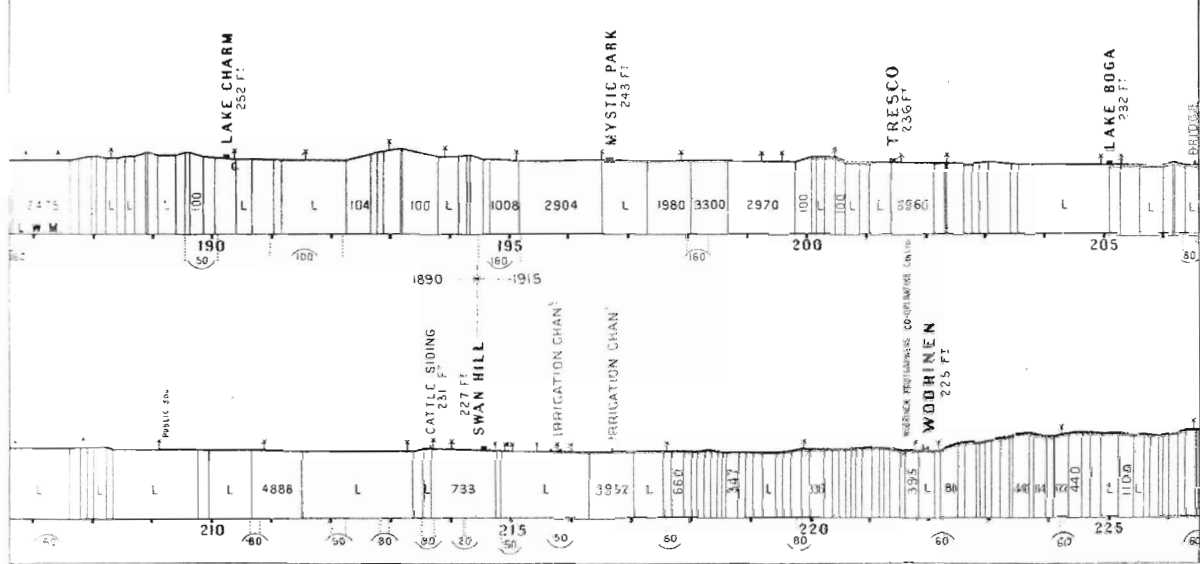
Eaglehawk to Yungera



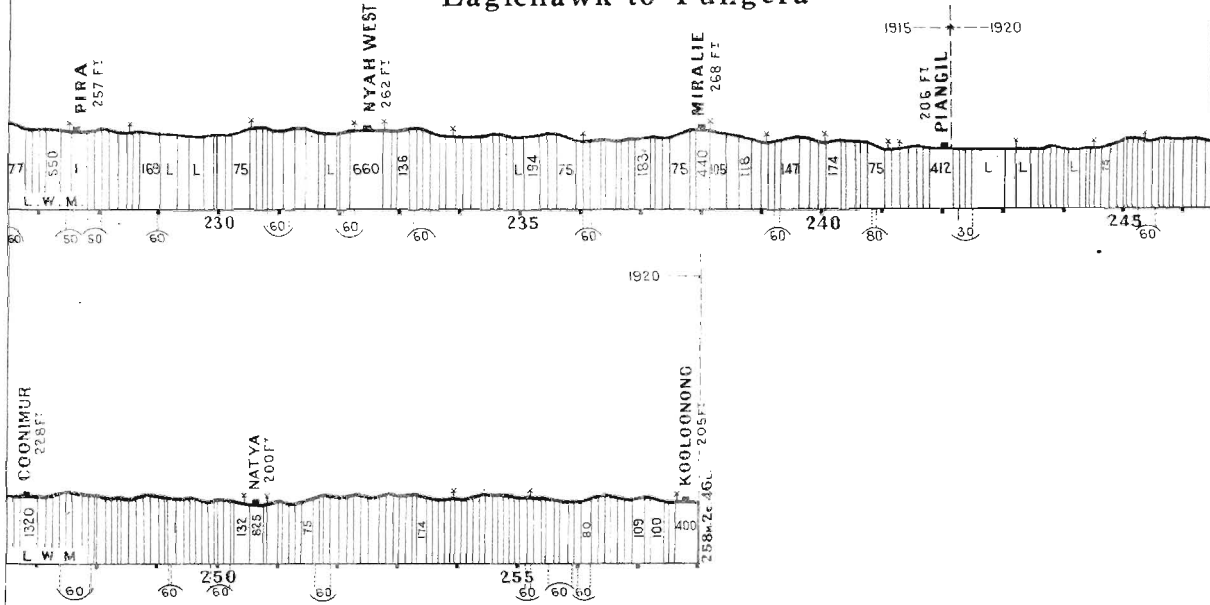
Eaglehawk to Yungera



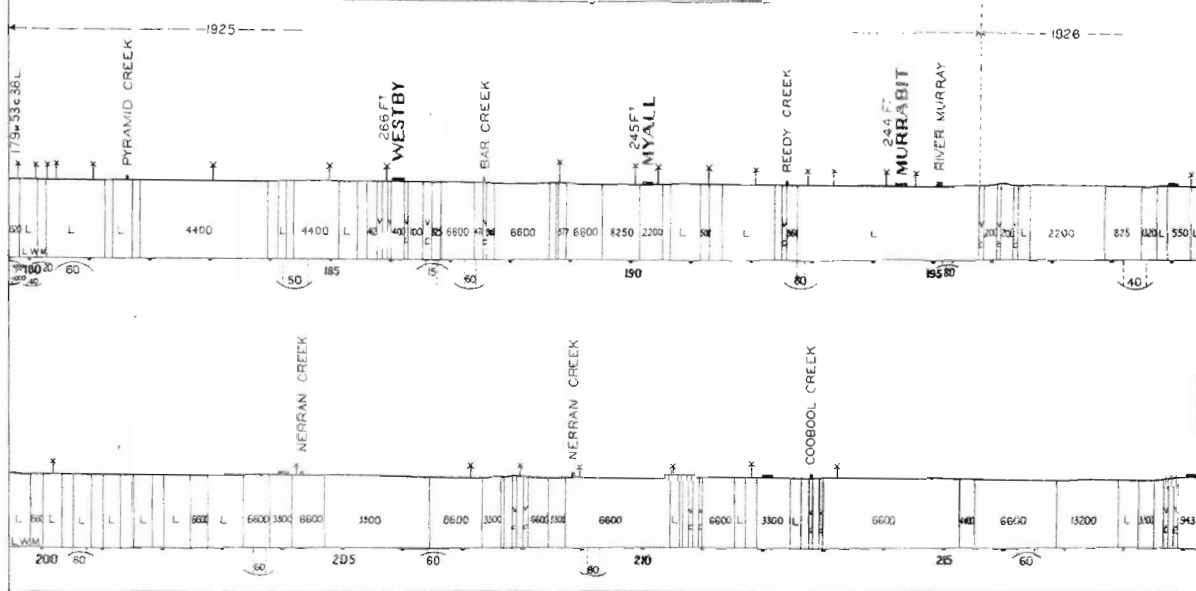
Eaglehawk to Yungera



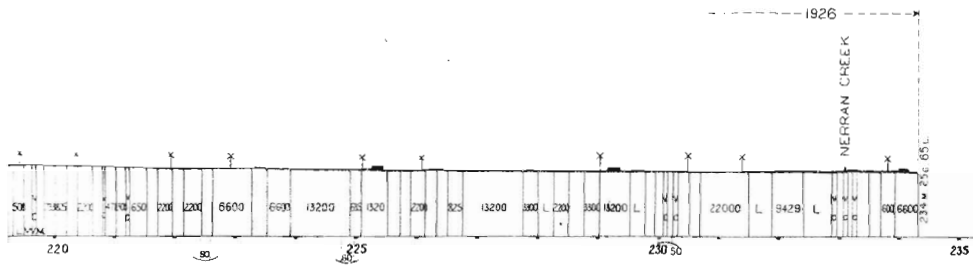
Eaglehawk to Yungera



Kerang to Stony Crossing



Kerang to Stony Crossing



NERRAN CREEK

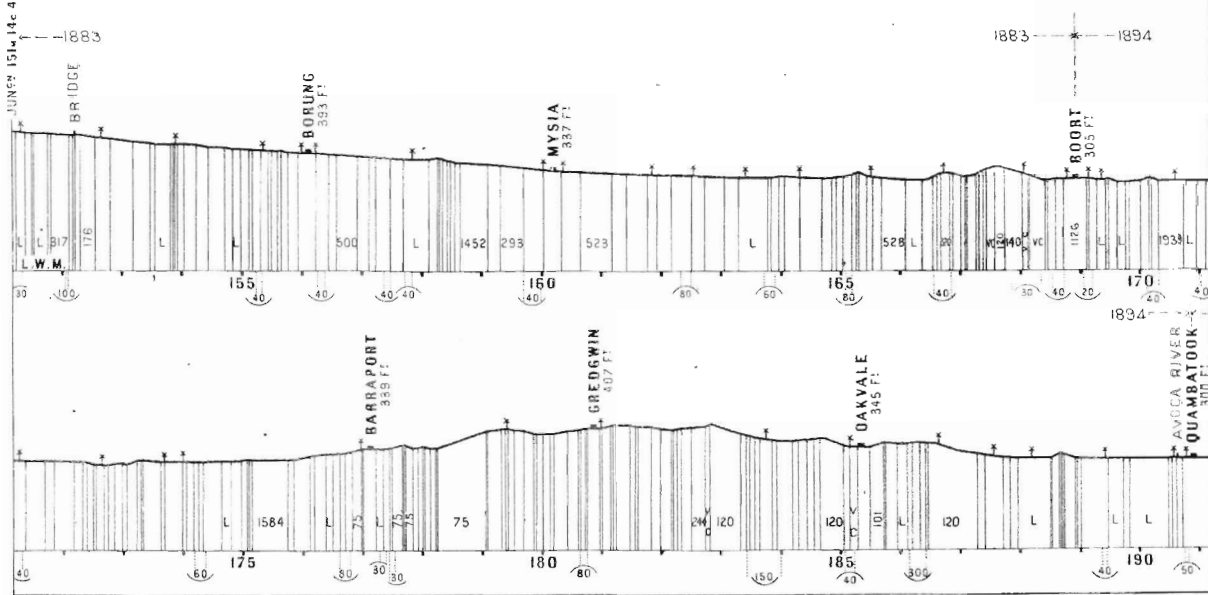
1926

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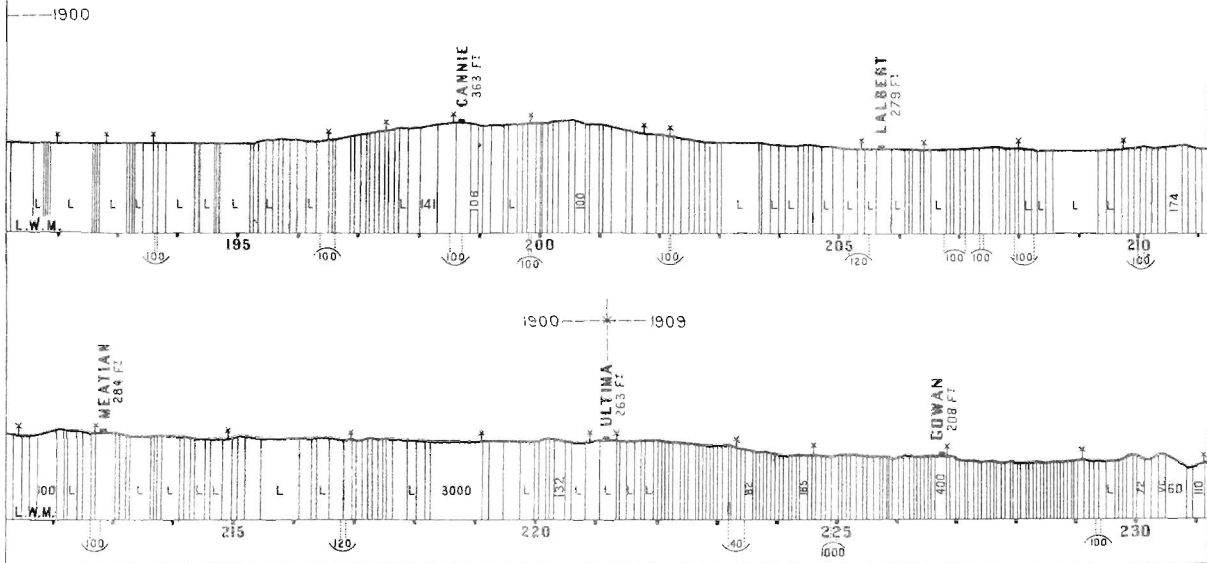
Korong Vale to Robinvale

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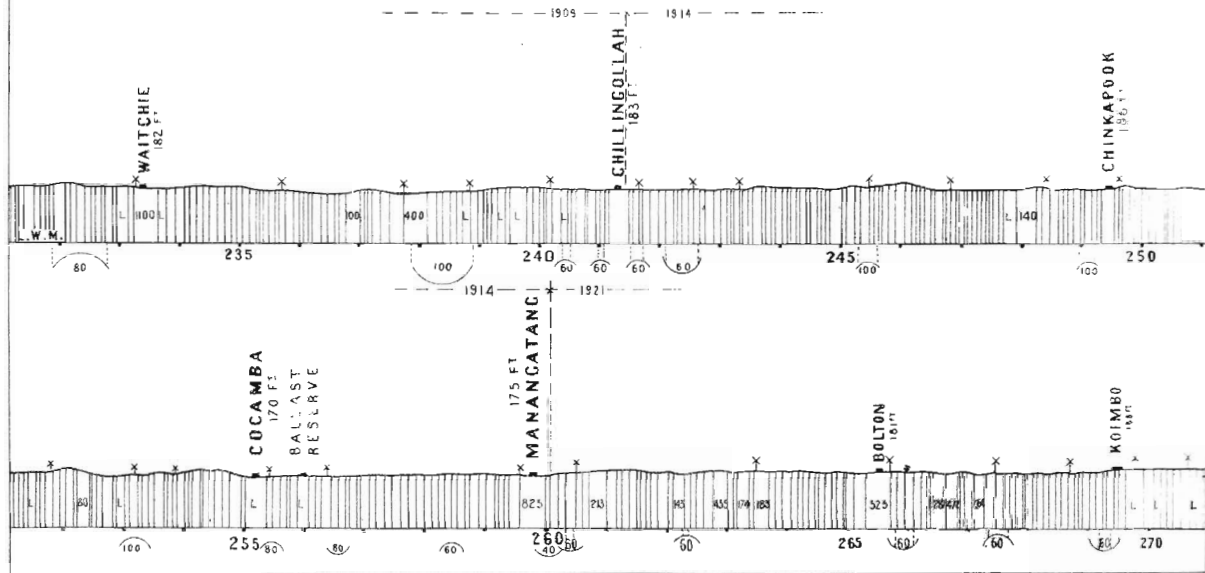
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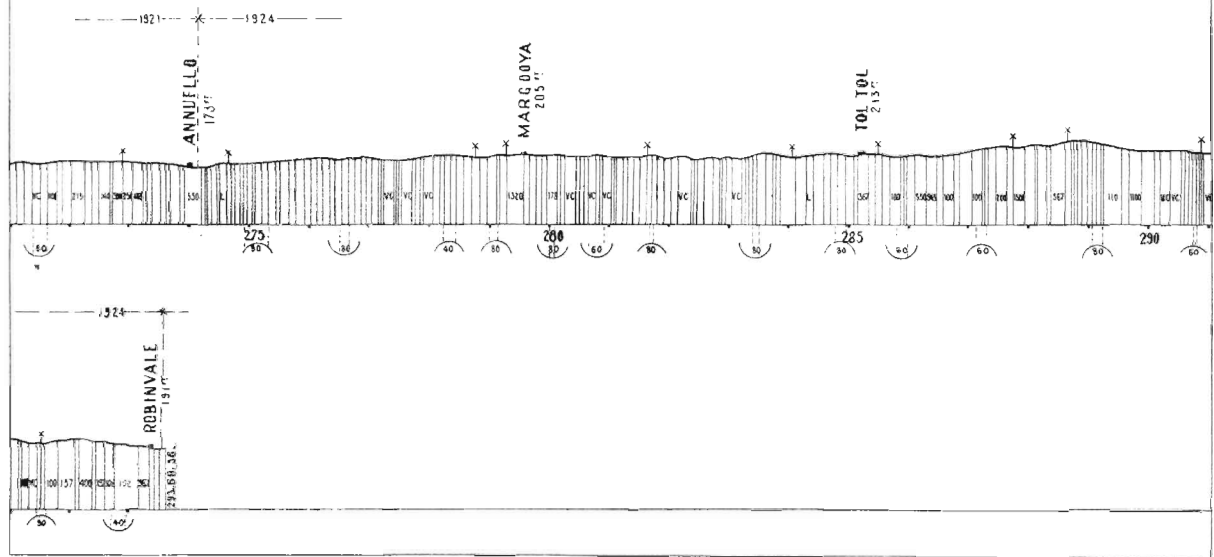
Korong Vale to Robinvale



Korong Vale to Robinvale

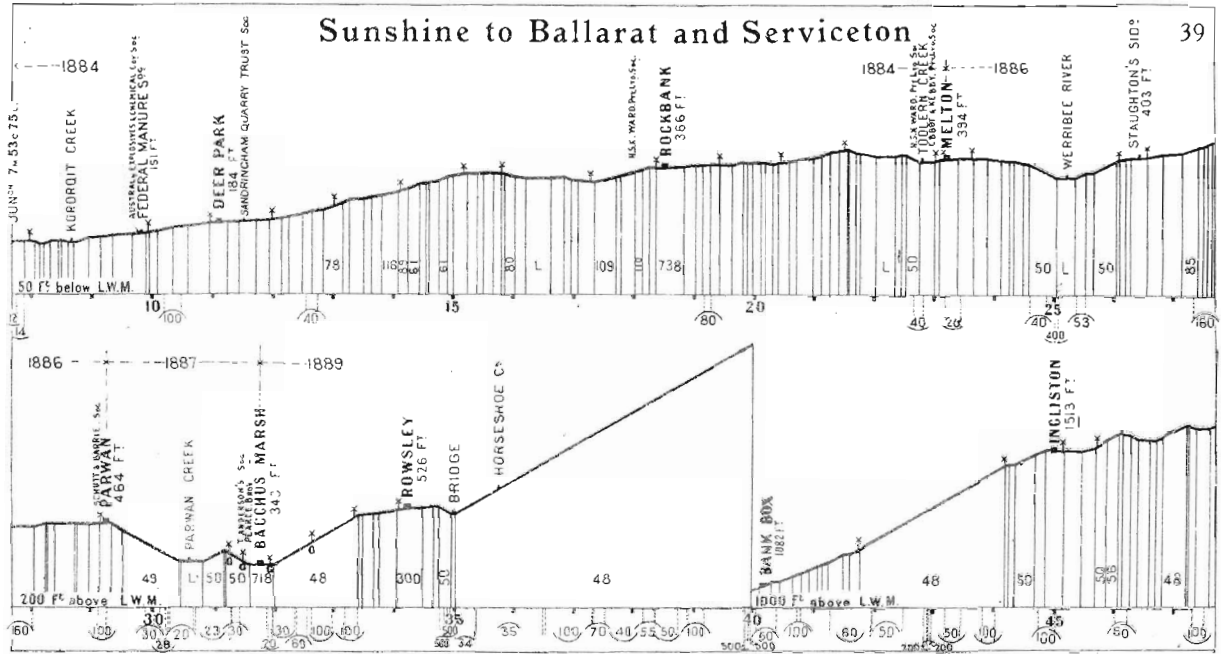


Korong Vale to Robinvale

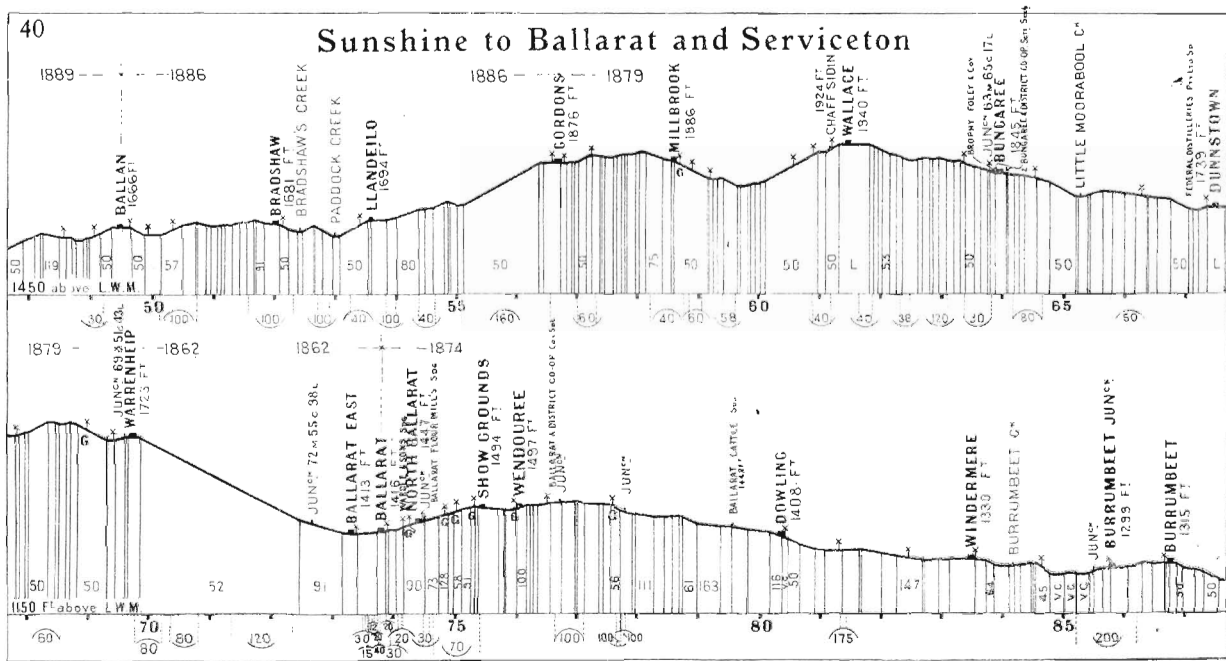


MIDLAND DISTRICT.

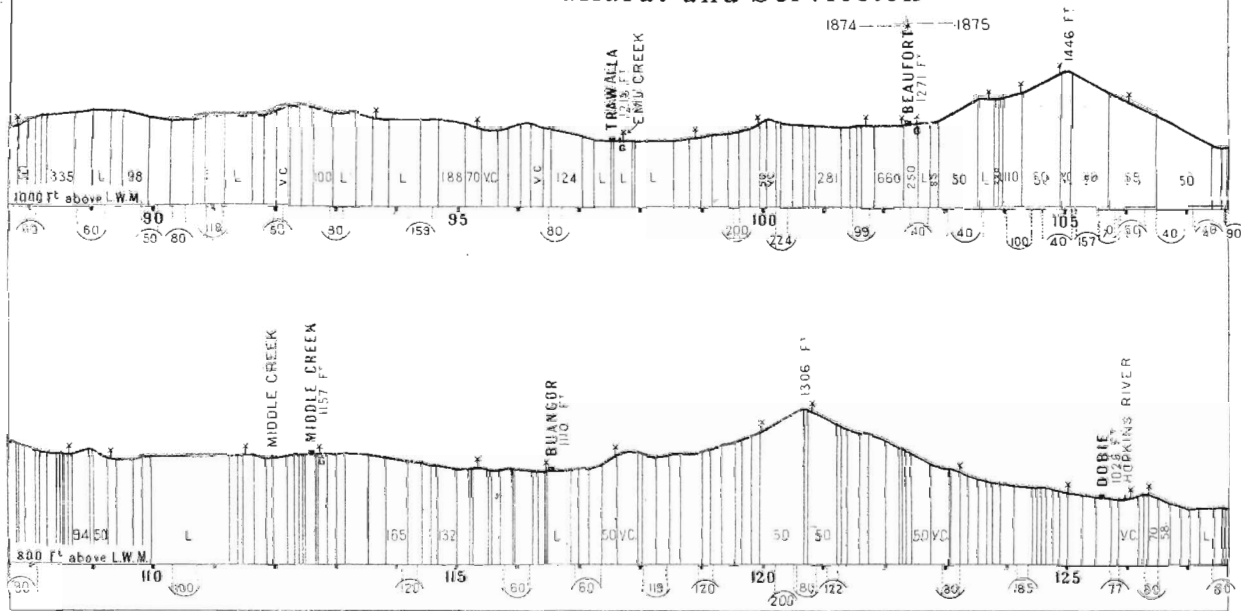
Sunshine to Ballarat and Serviceton



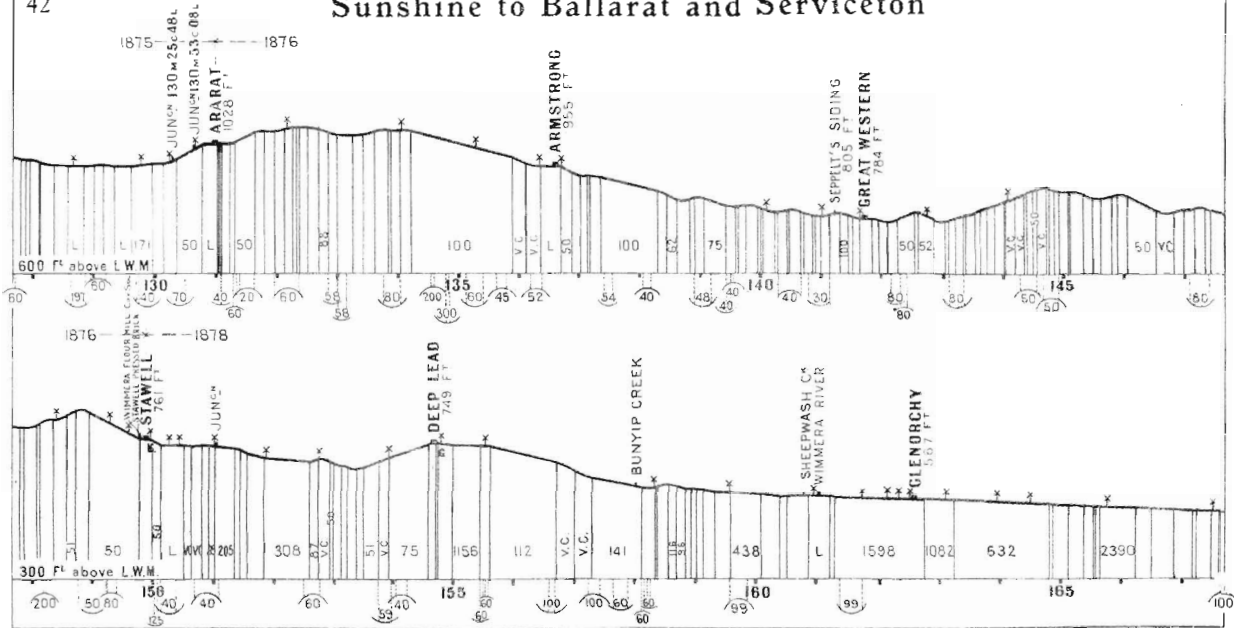
Sunshine to Ballarat and Serviceton



Sunshine to Ballarat and Serviceton

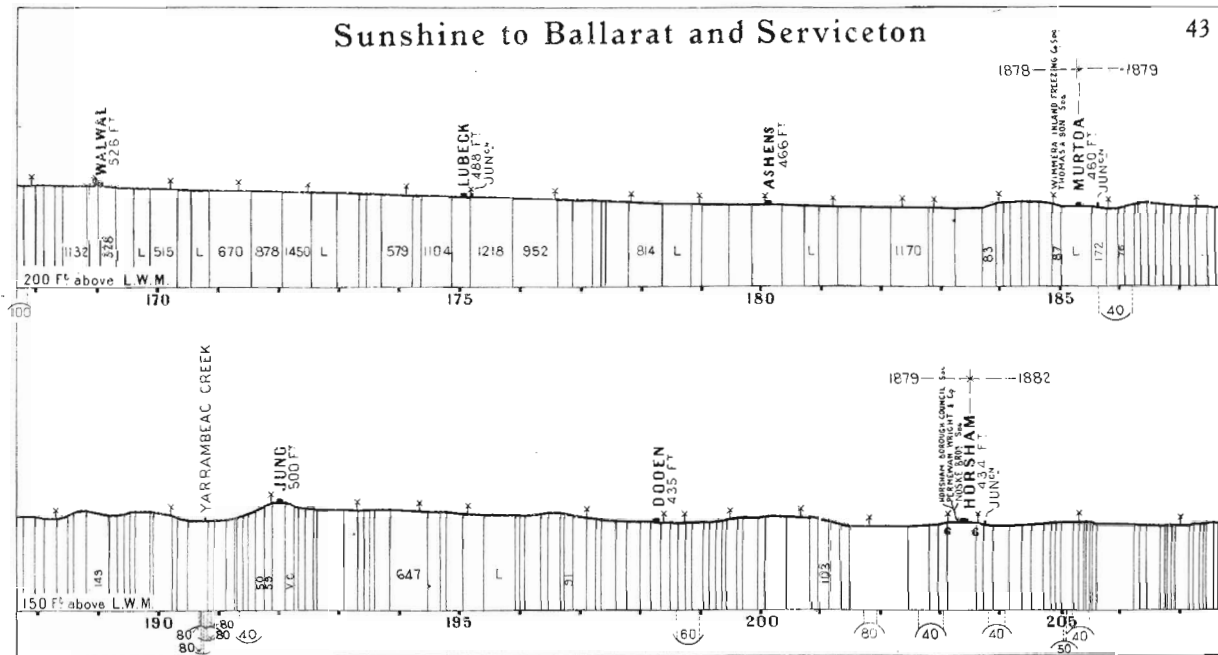


Sunshine to Ballarat and Serviceton

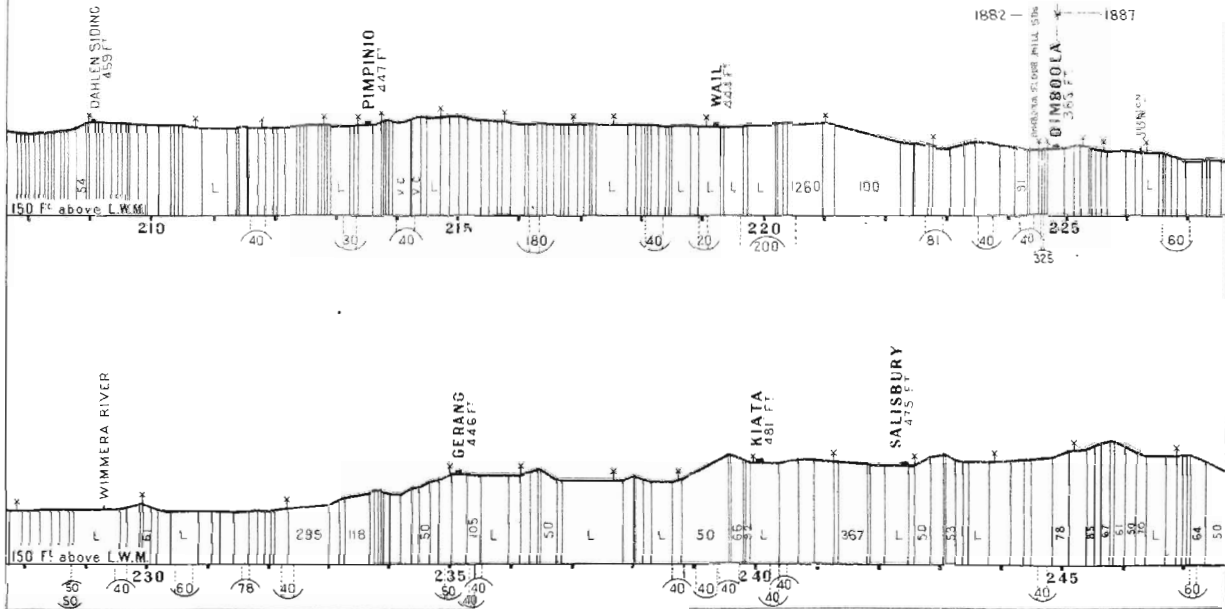


Sunshine to Ballarat and Serviceton

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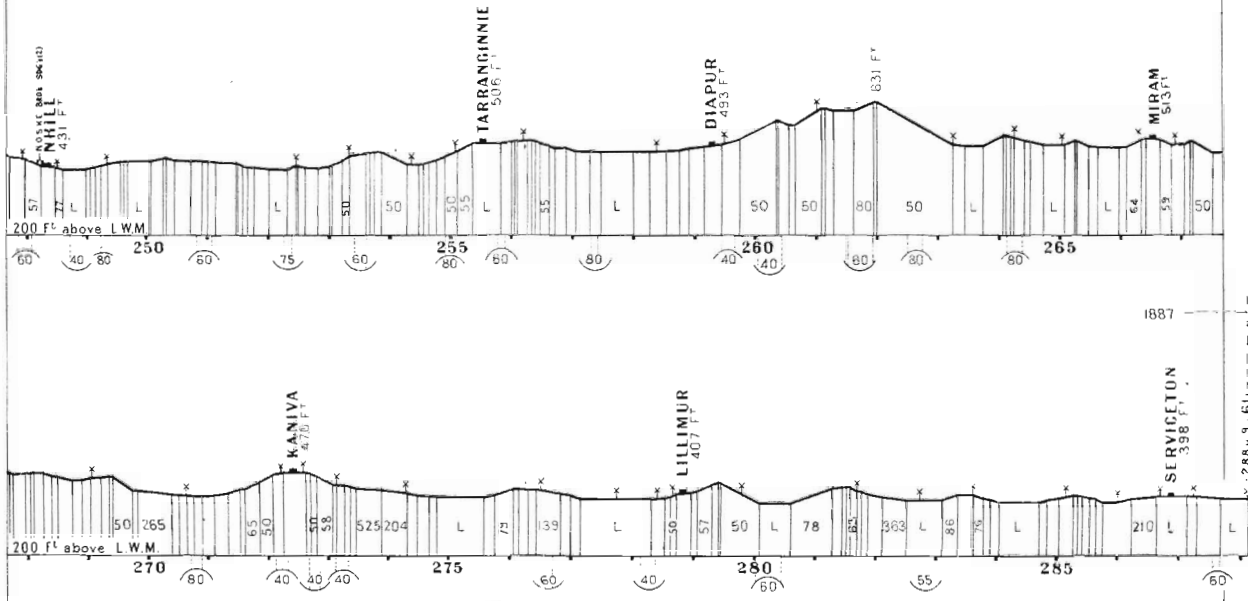


Sunshine to Ballarat and Serviceton

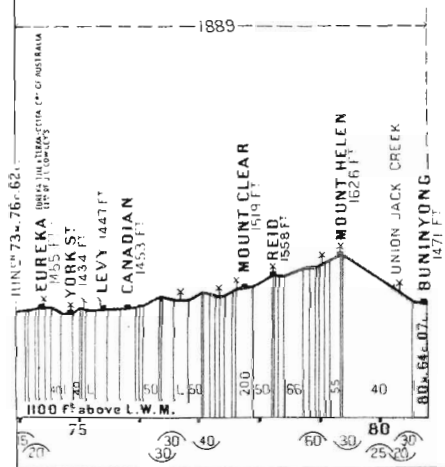


Sunshine to Ballarat and Serviceton

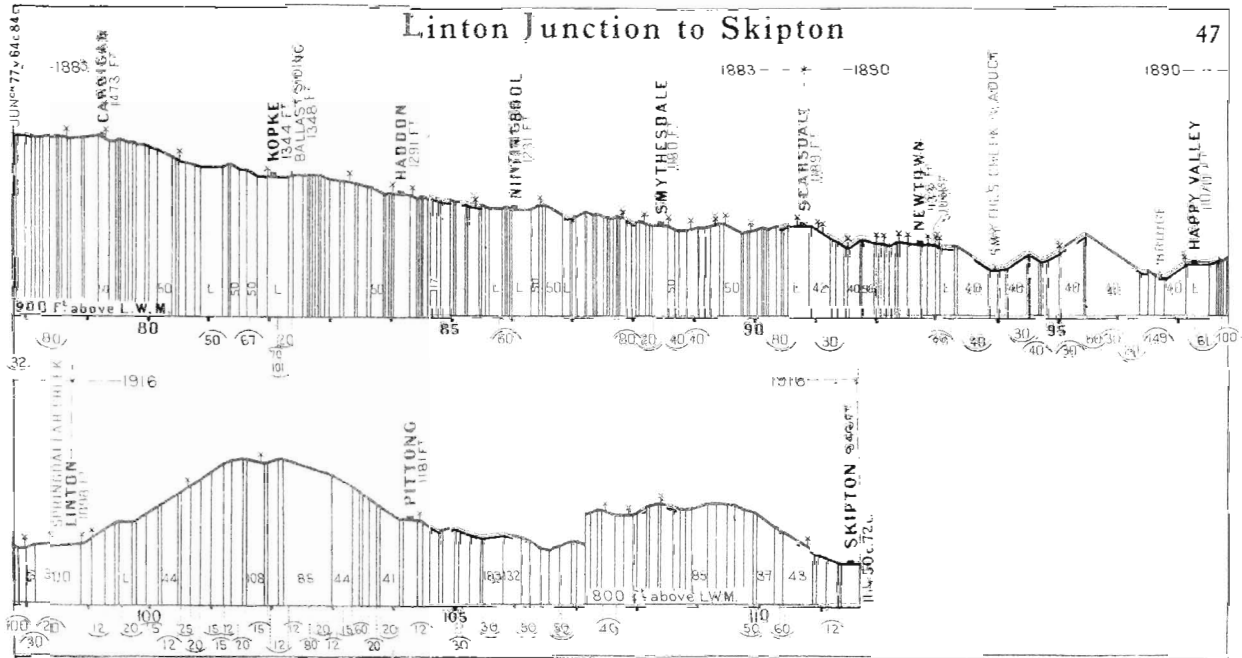
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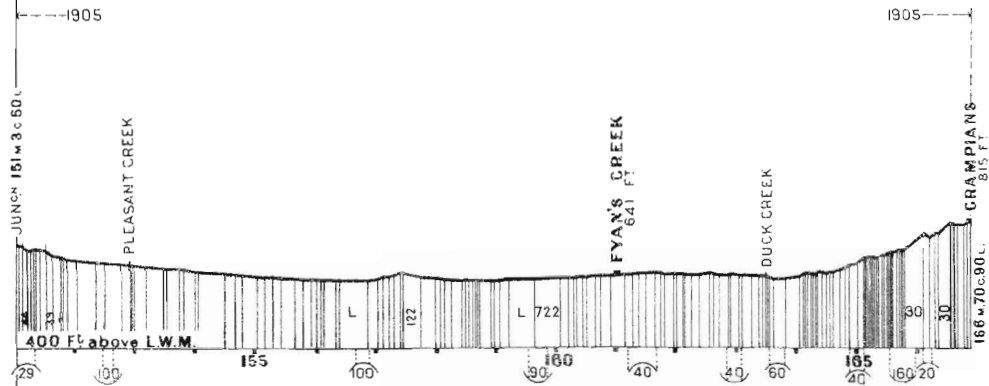
Ballarat East to Buninyong



Linton Junction to Skipton

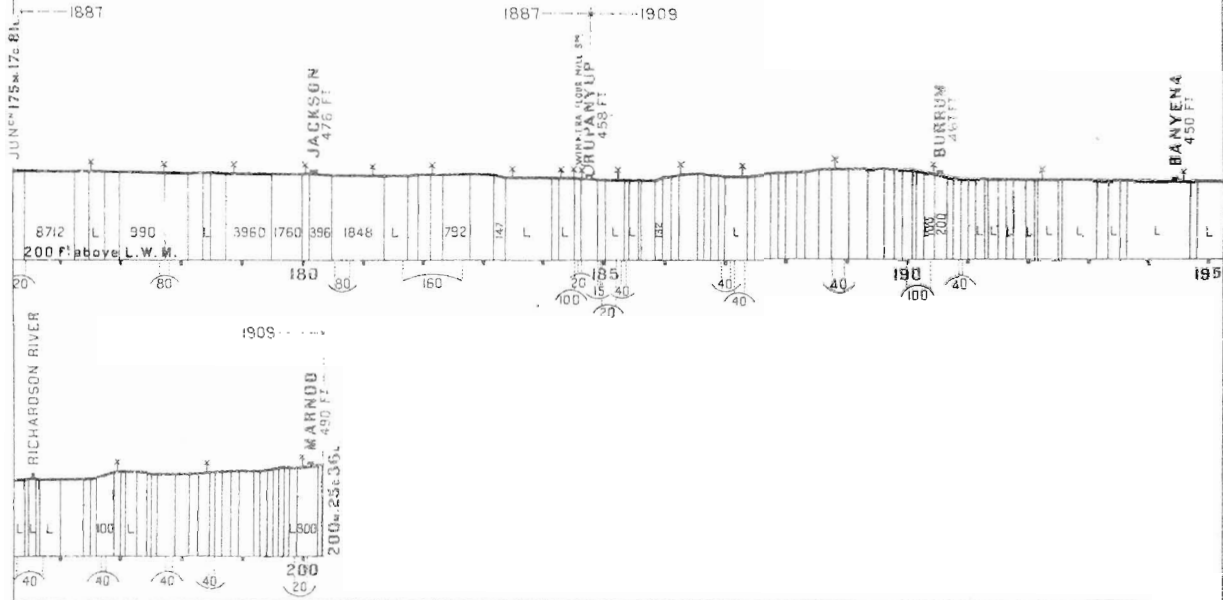


Stawell to Grampians



Lubeck to Marnoo

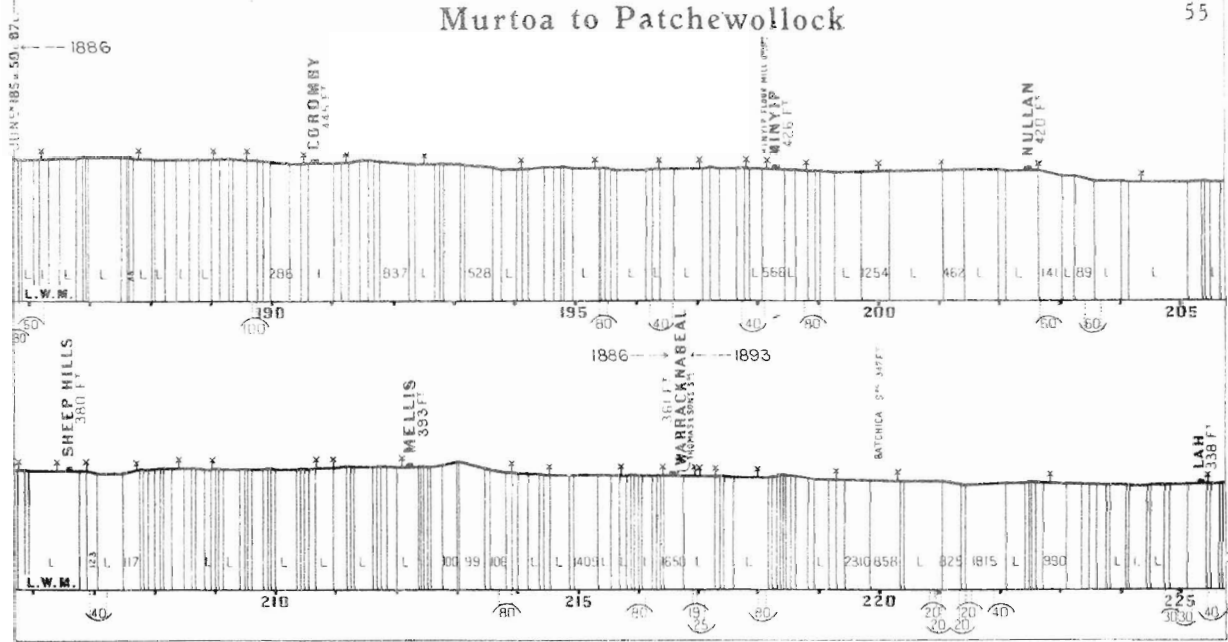
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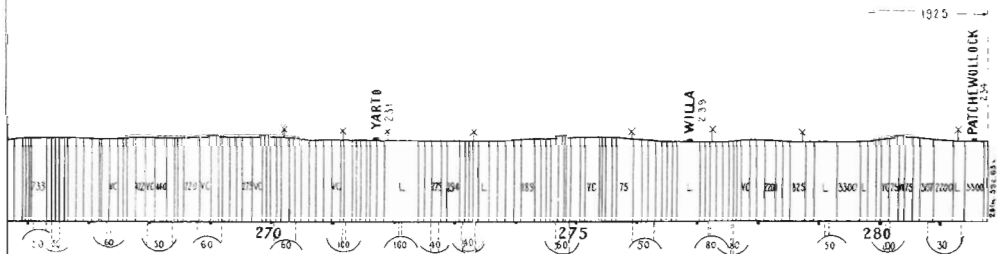
NORTH-WESTERN DISTRICT.

Murtoa to Patchewollock

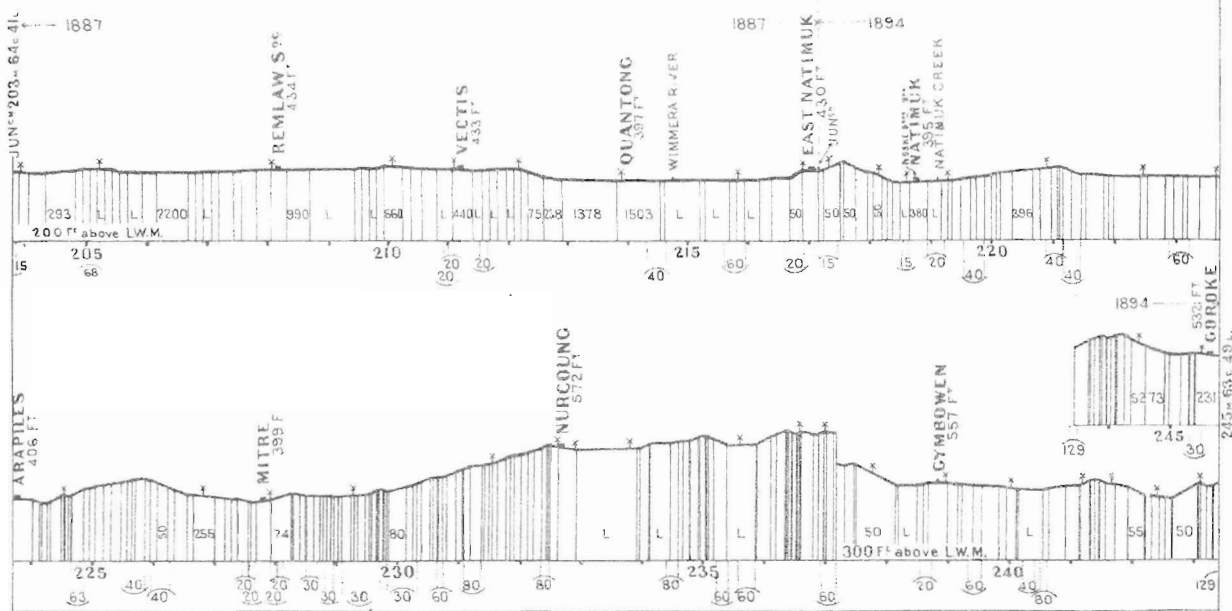
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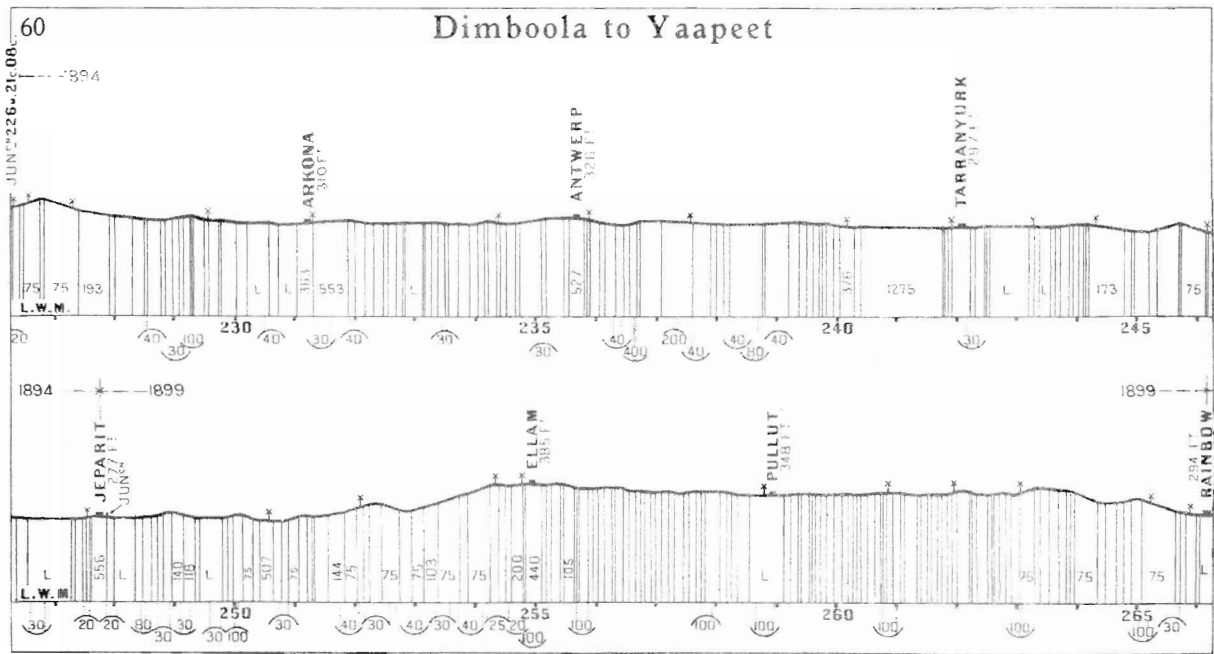
Murtoa to Patchewollock



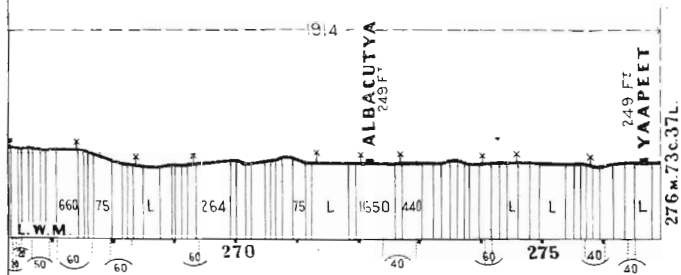
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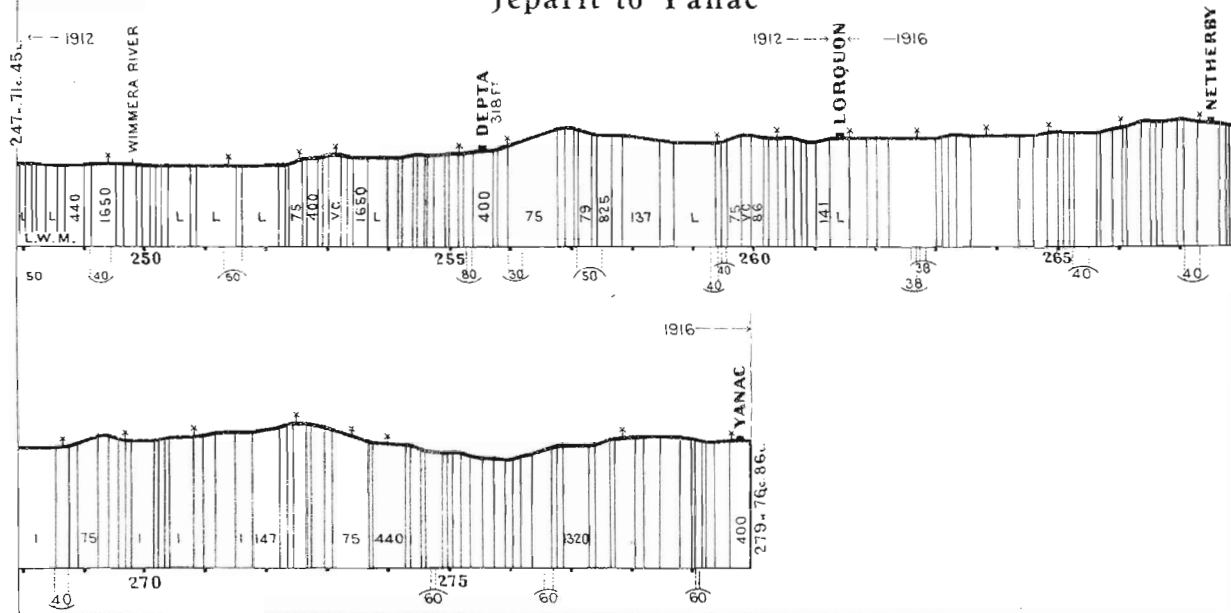
Dimboola to Yaapeet



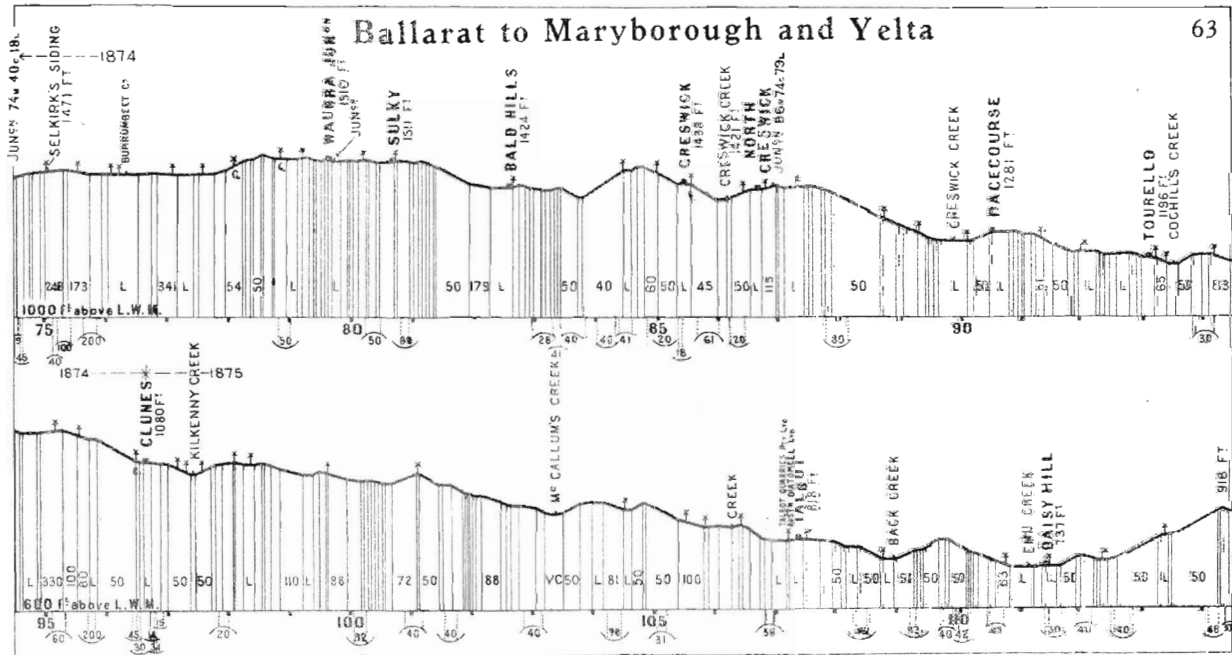
Dimboola to Yaapeet



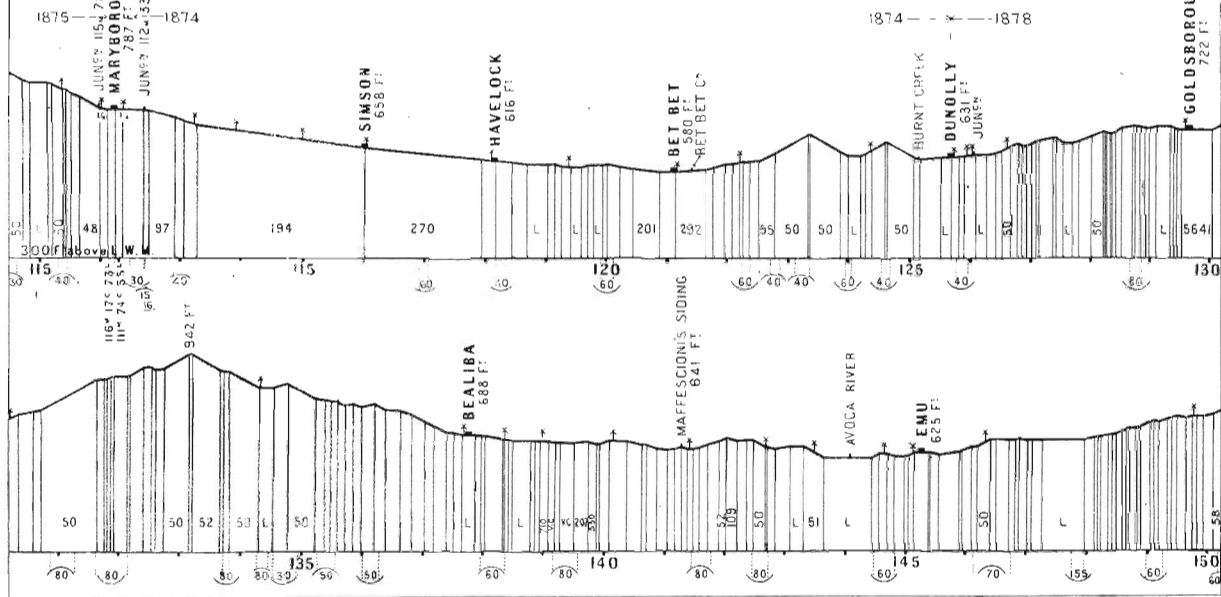
Jeparit to Yanac



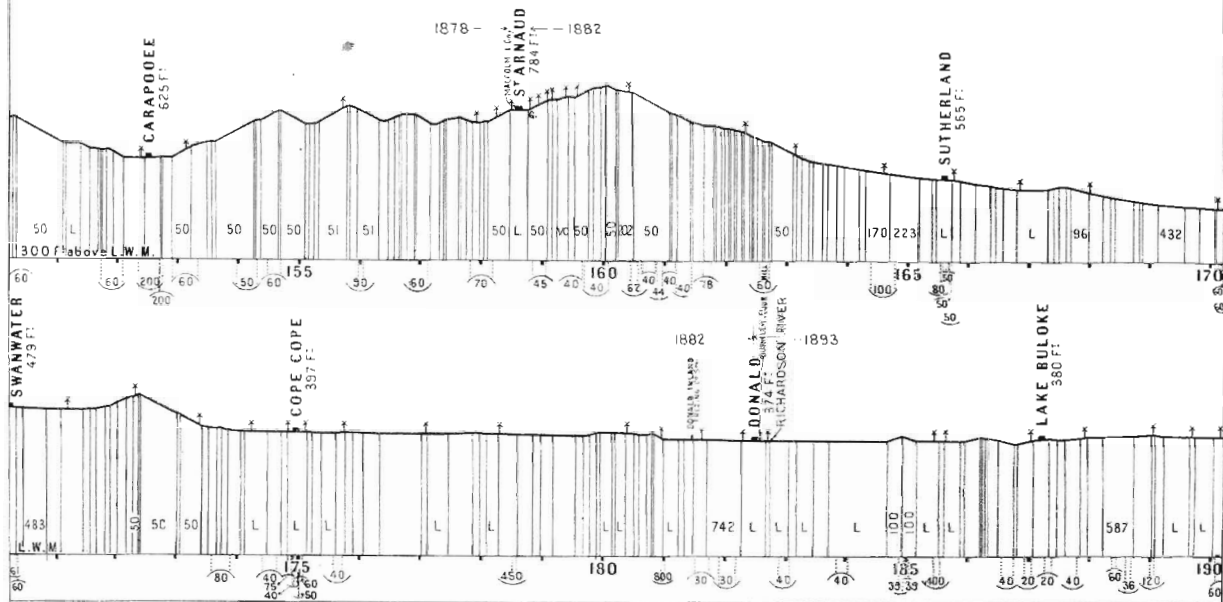
Ballarat to Maryborough and Yelta



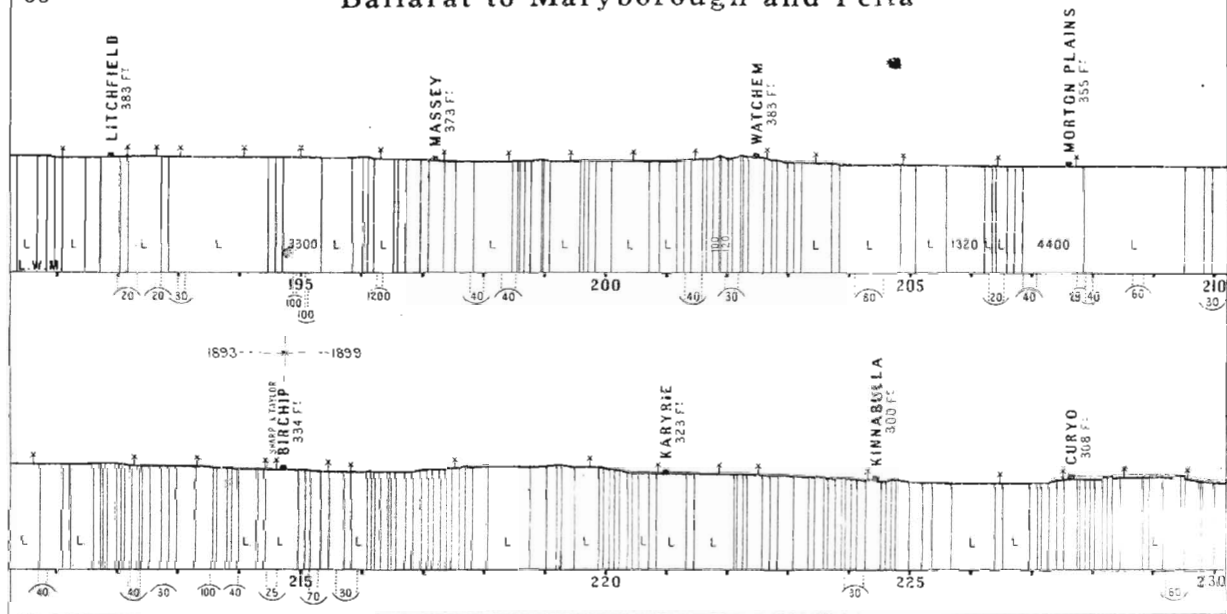
Ballarat to Maryborough and Yelta



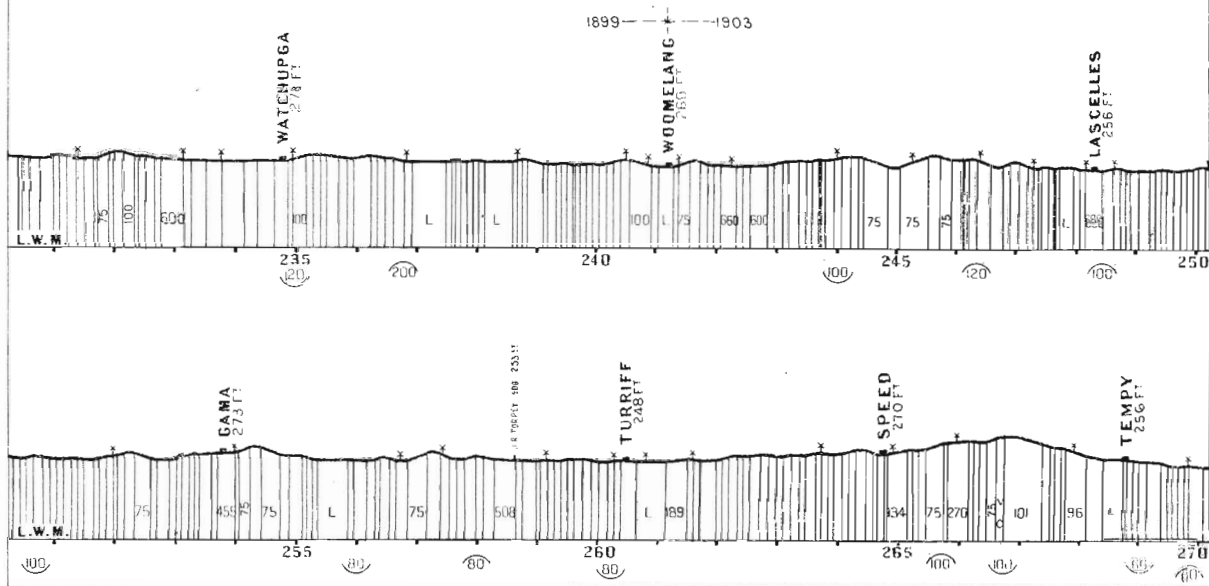
Ballarat to Maryborough and Yelta



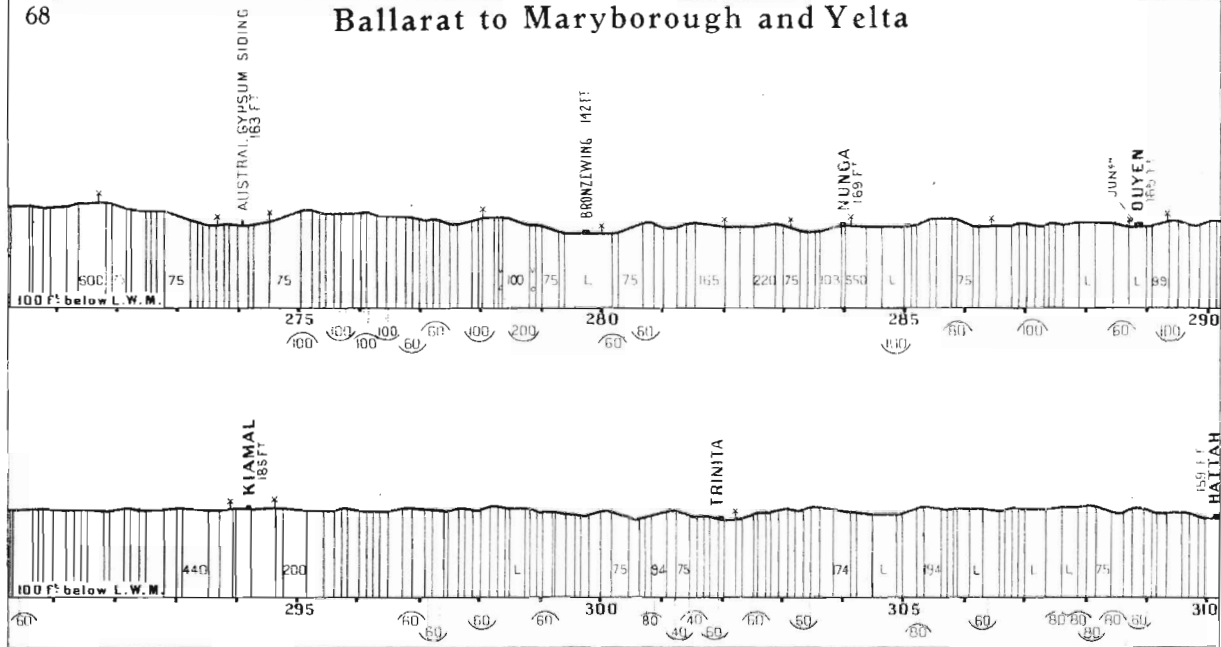
Ballarat to Maryborough and Yelta



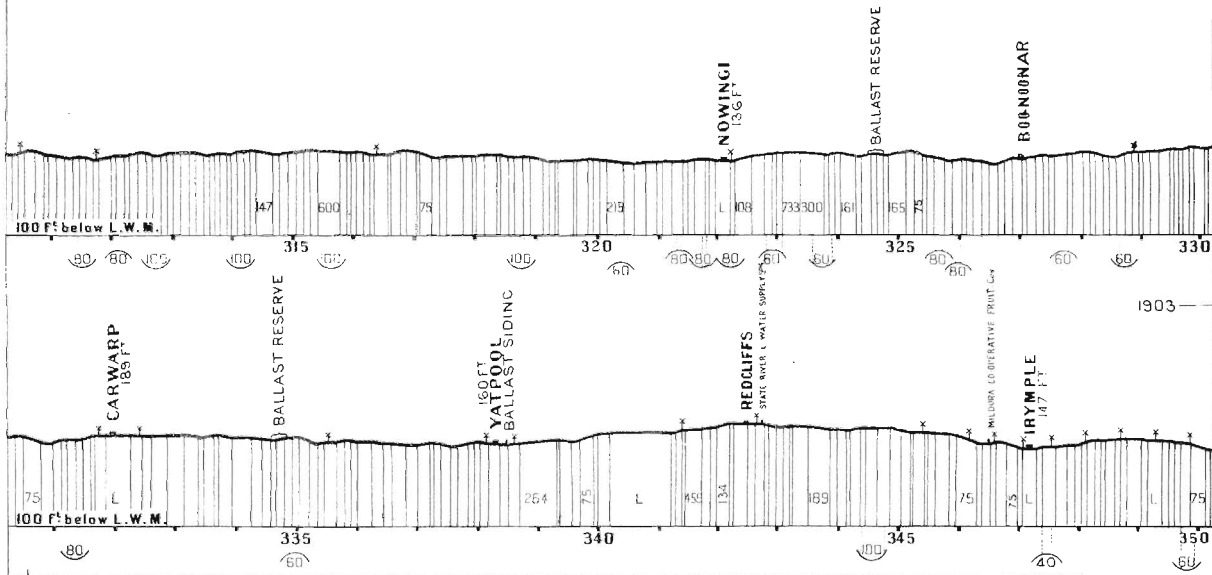
Ballarat to Maryborough and Yelta



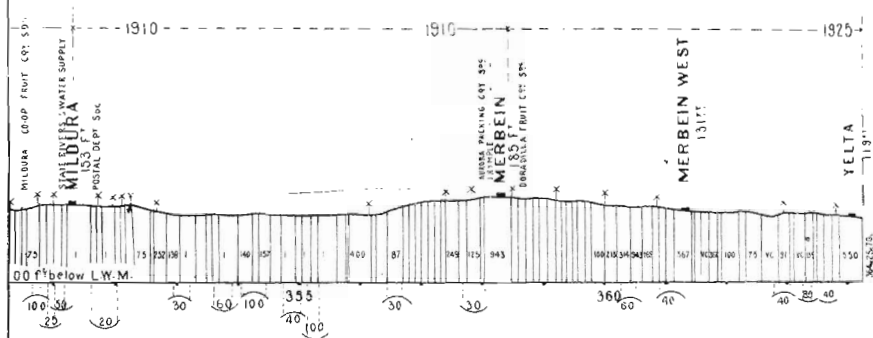
Ballarat to Maryborough and Yelta



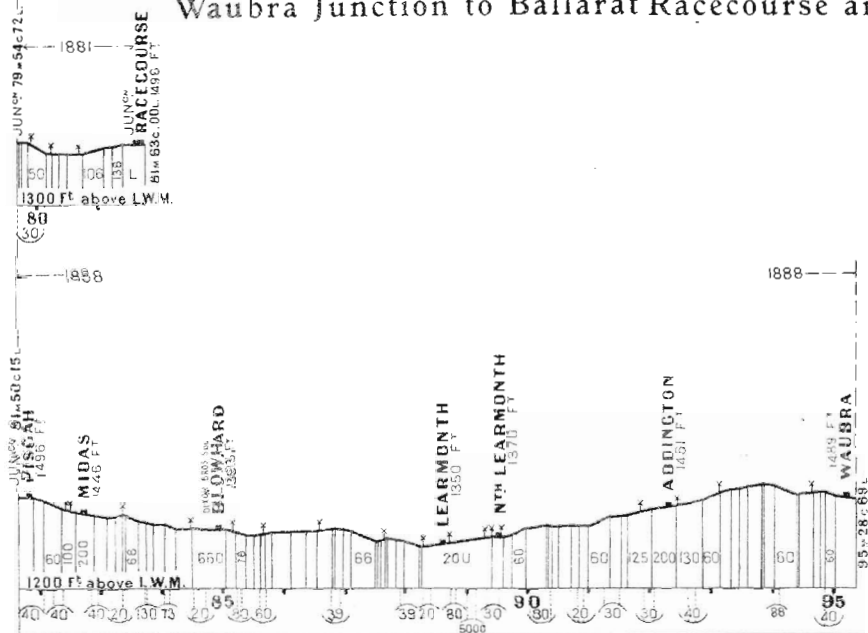
Ballarat to Maryborough and Yelta



Ballarat to Maryborough and Yelta

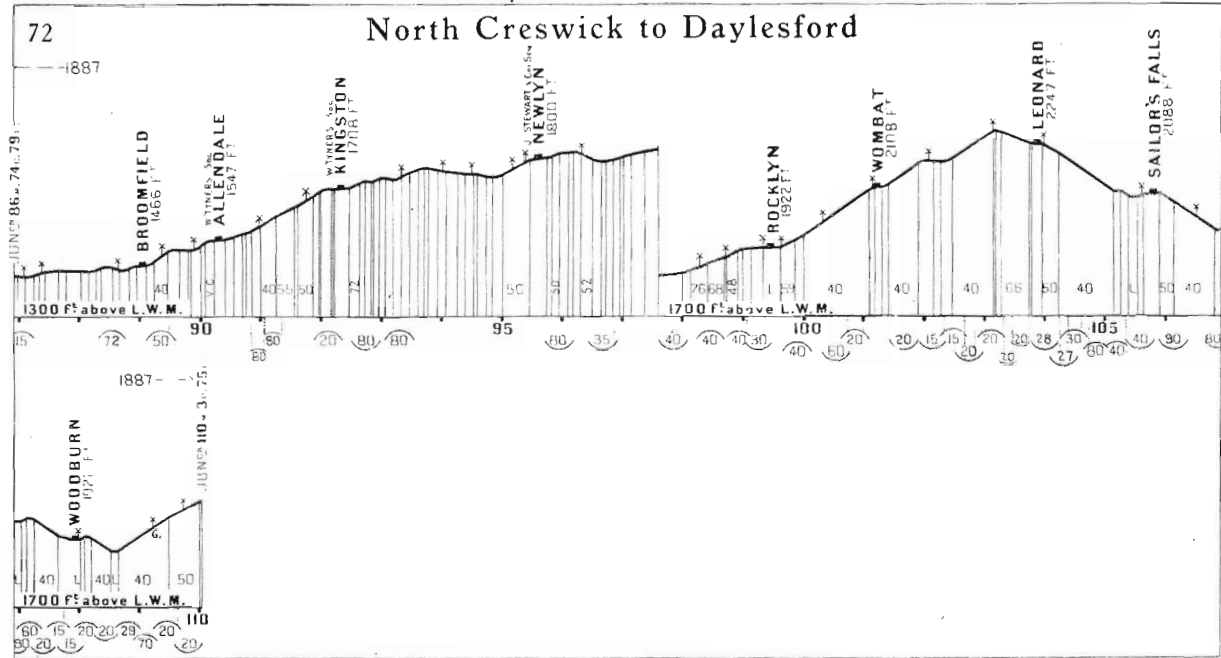


Waubra Junction to Ballarat Racecourse and Waubra

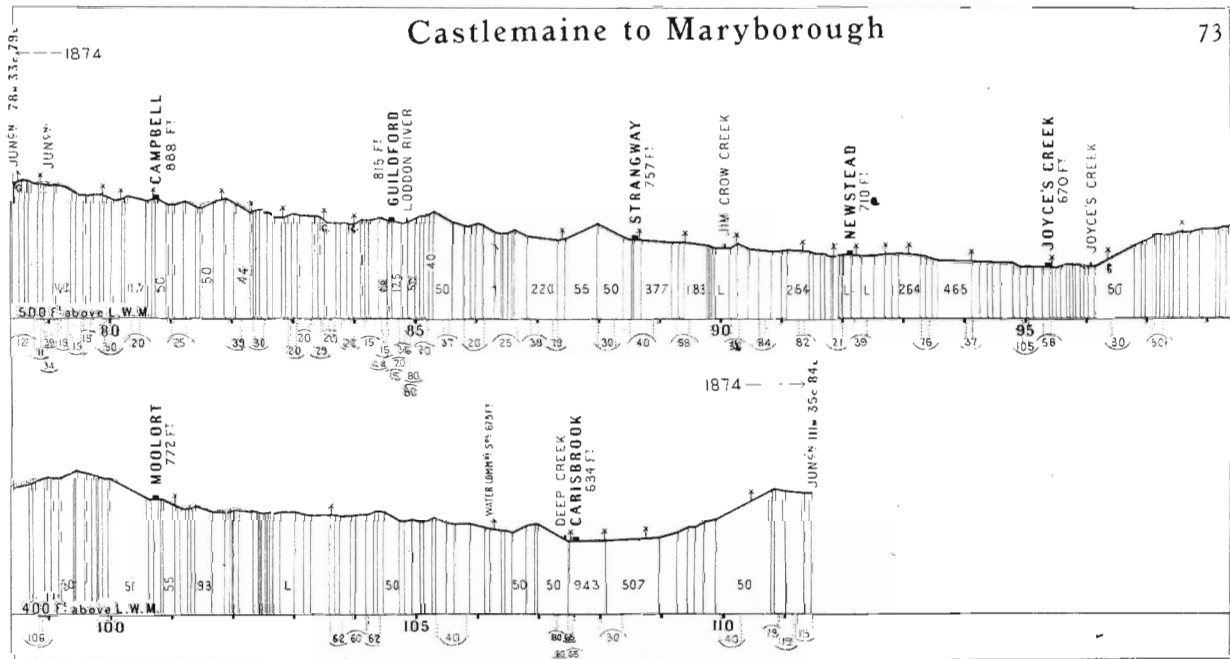


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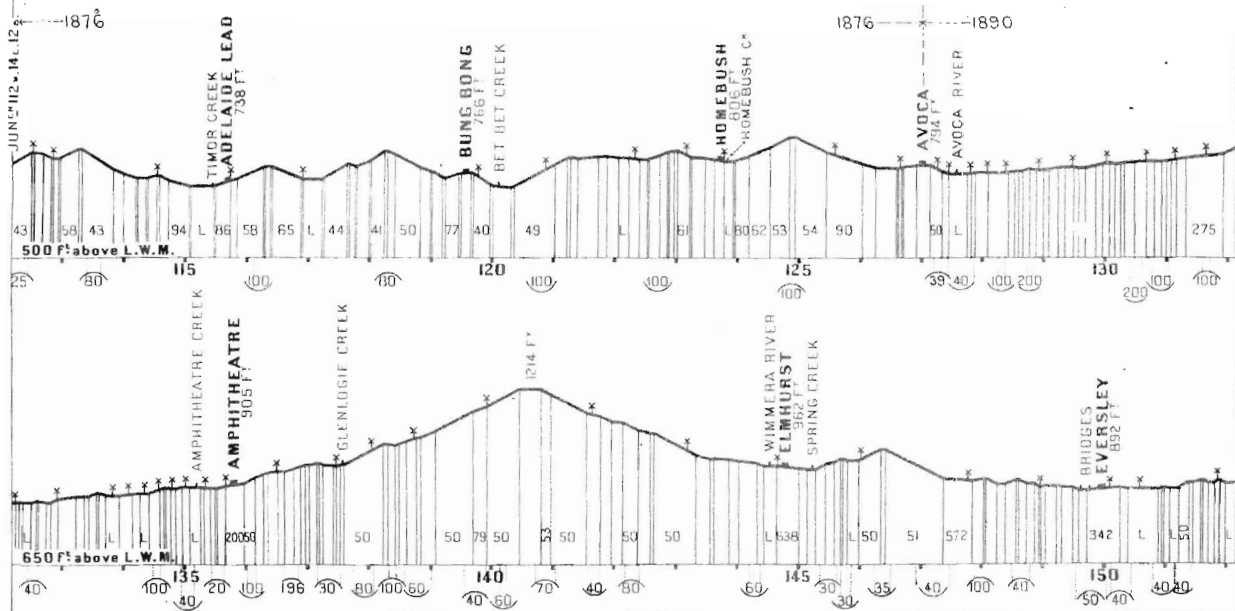
North Creswick to Daylesford



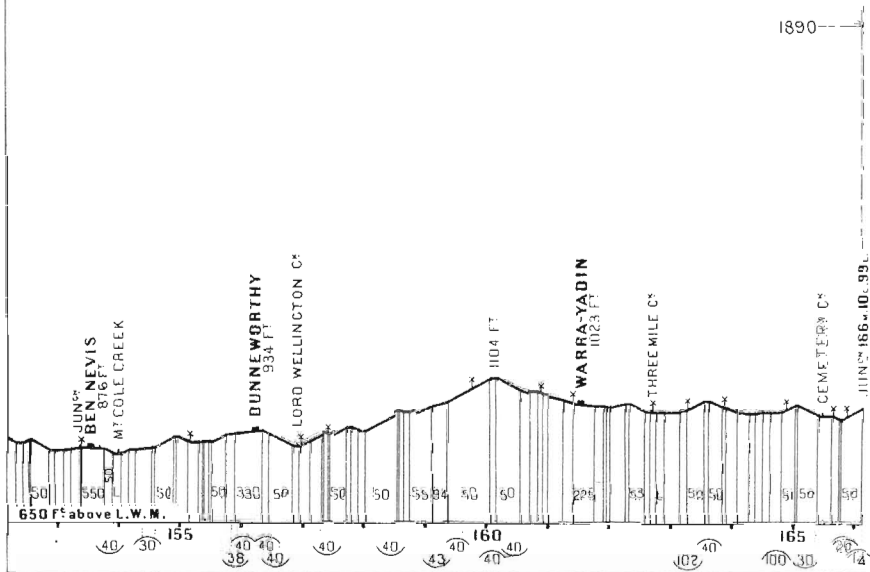
Castlemaine to Maryborough



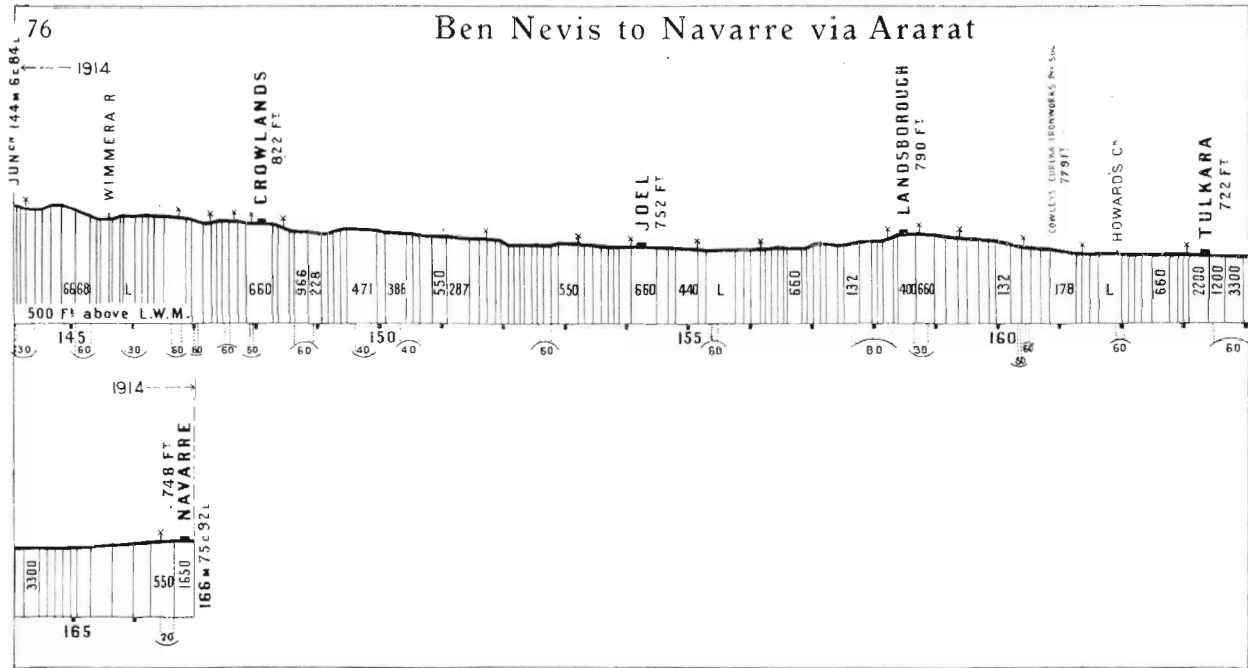
Maryborough to Ararat



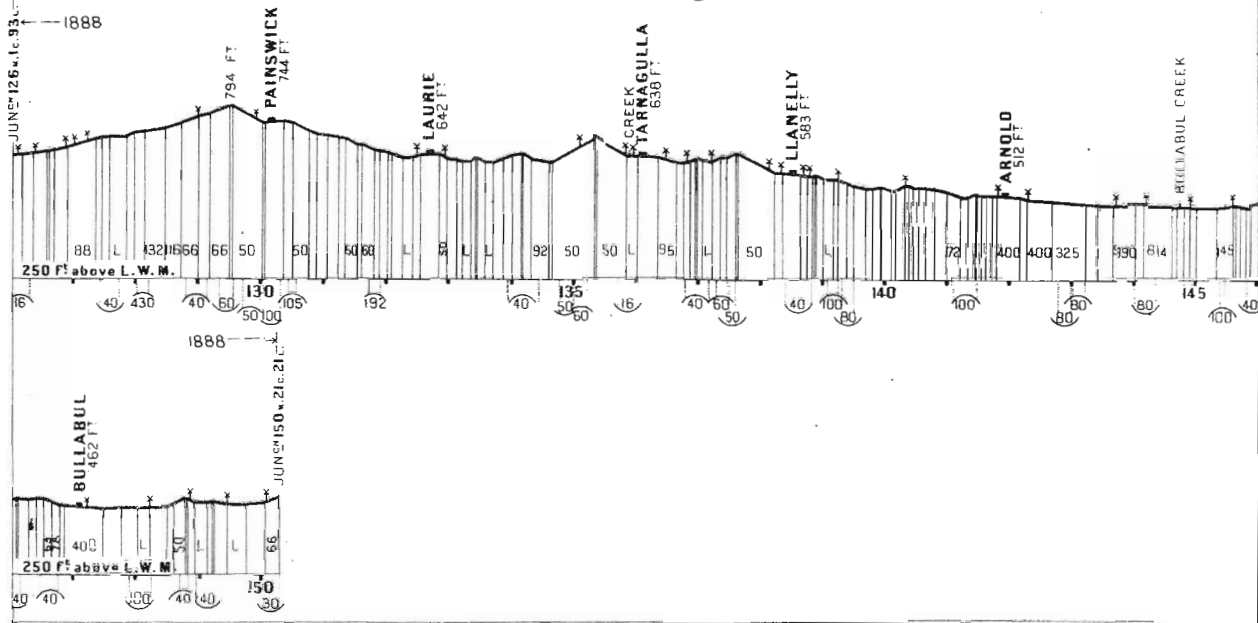
Maryborough to Ararat



Ben Nevis to Navarre via Ararat

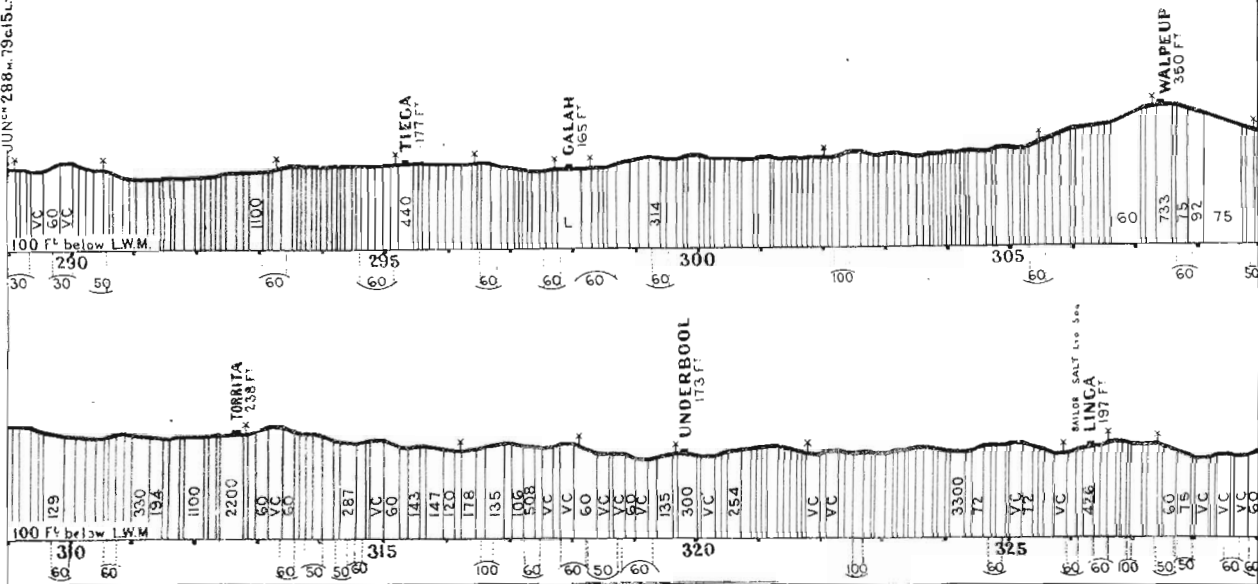


Dunolly to Inglewood

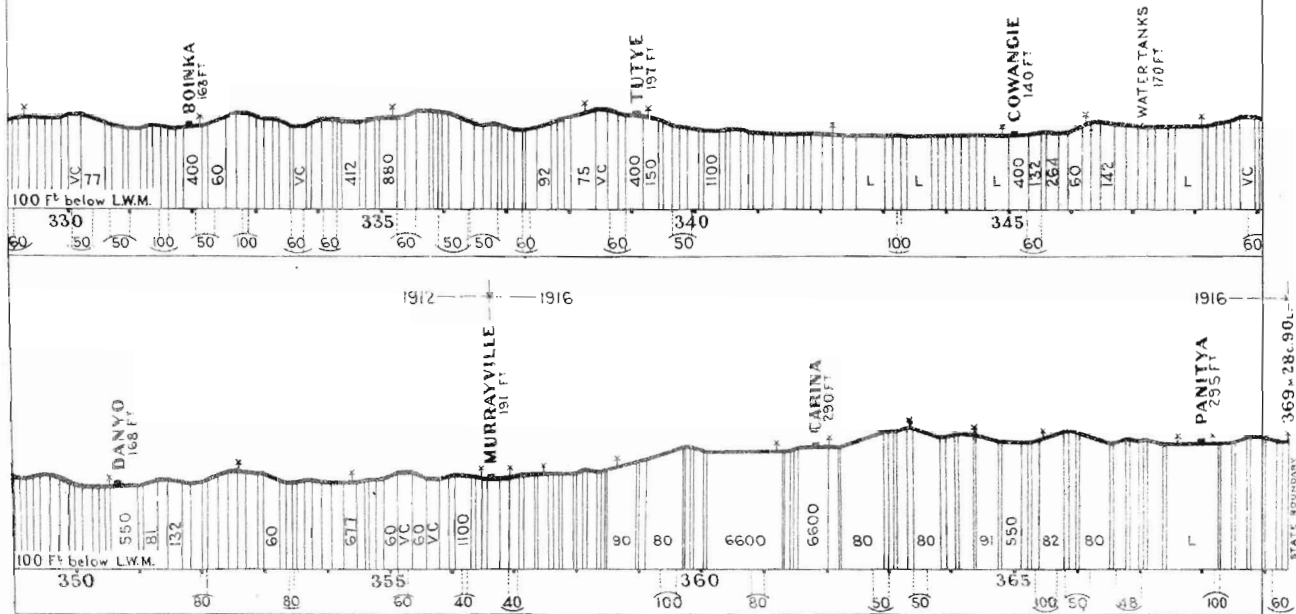


Ouyen to South Australian Border

JUN = 288 m. 79 c 15 L.
1912

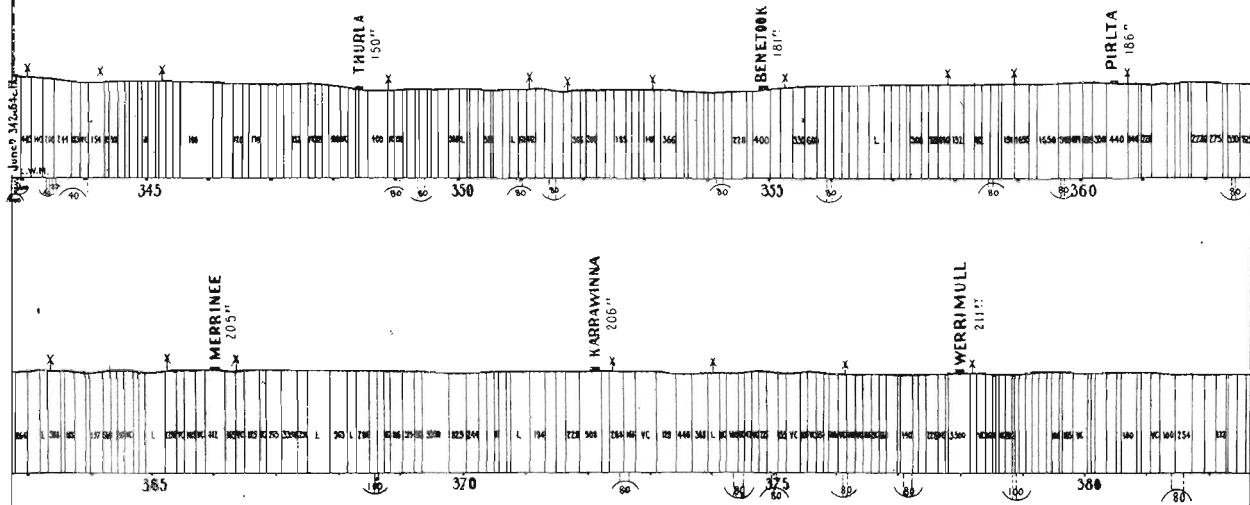


Ouyen to South Australian Border

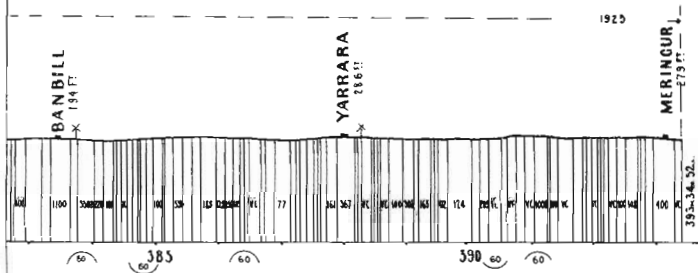


Redcliffs to Meringur

1925

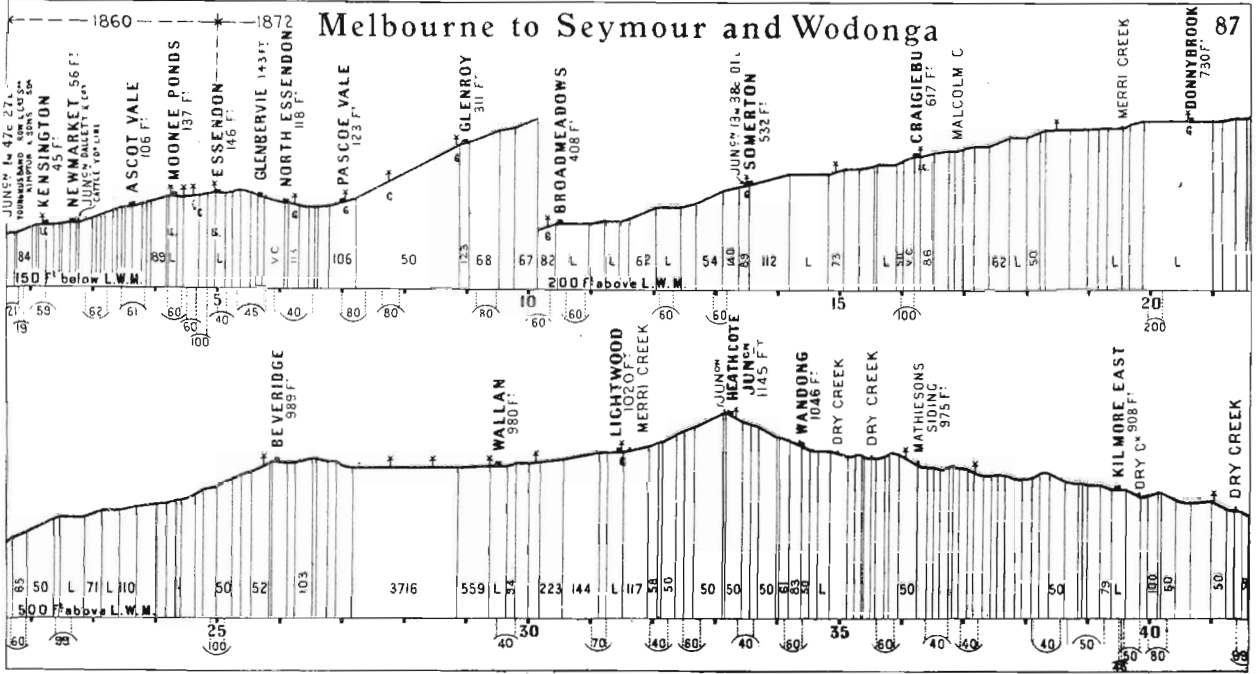


Redcliffs to Meringur

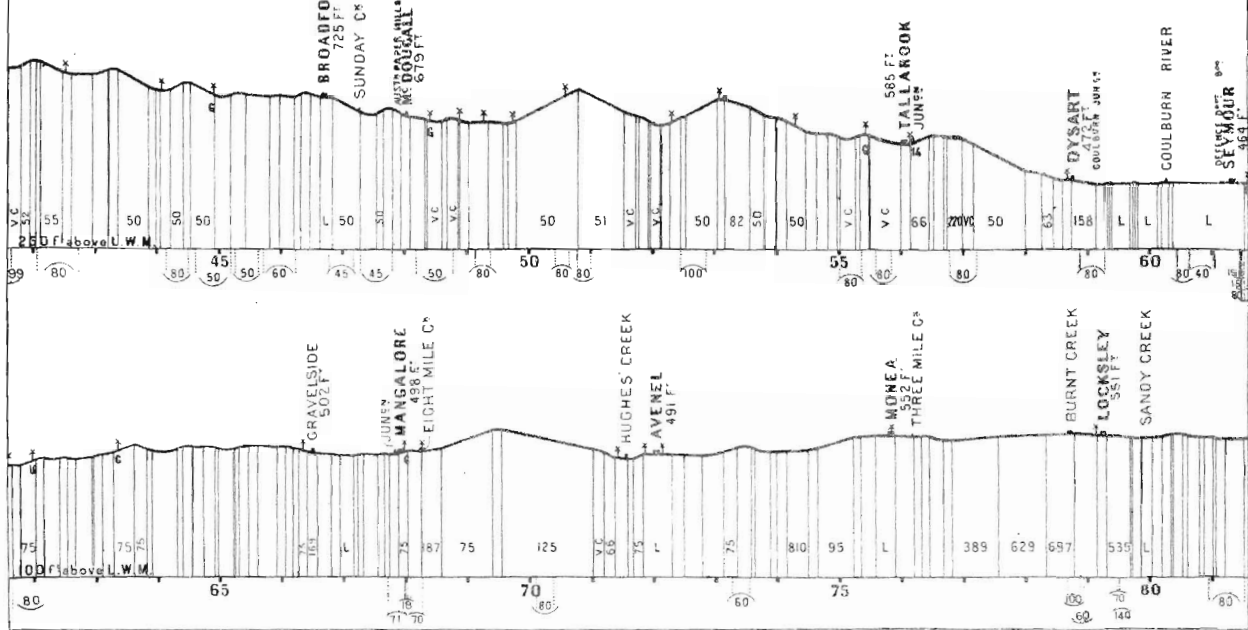


NORTH-EASTERN DISTRICT.

Melbourne to Seymour and Wodonga

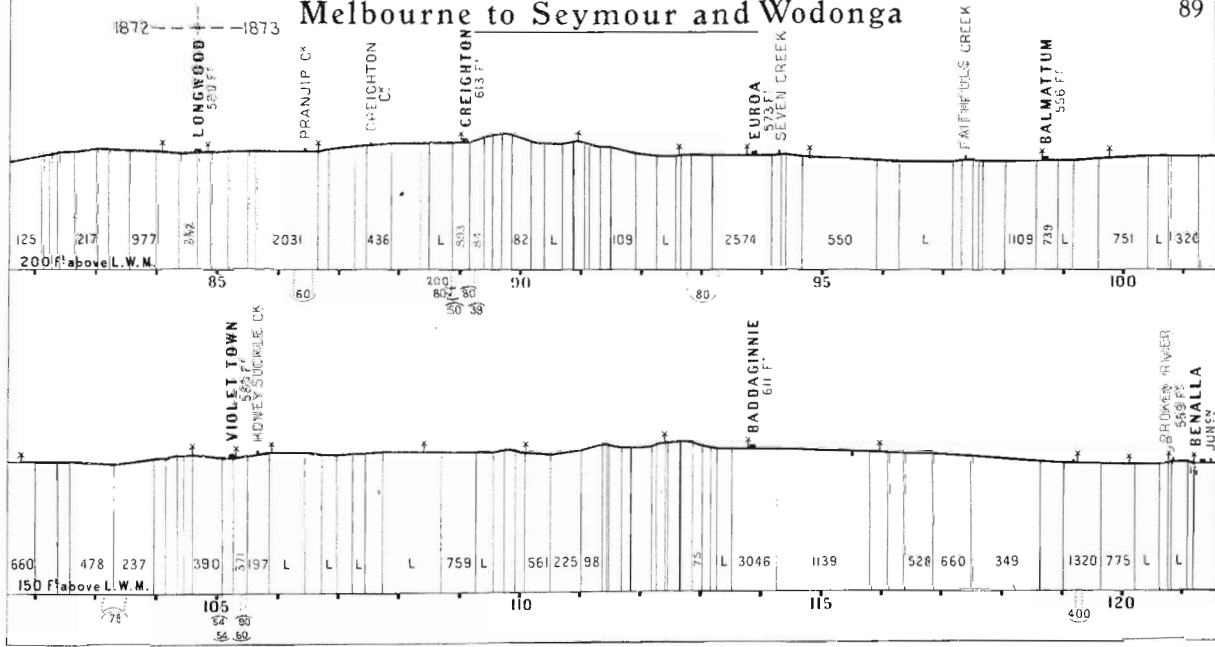


Melbourne to Seymour and Wodonga

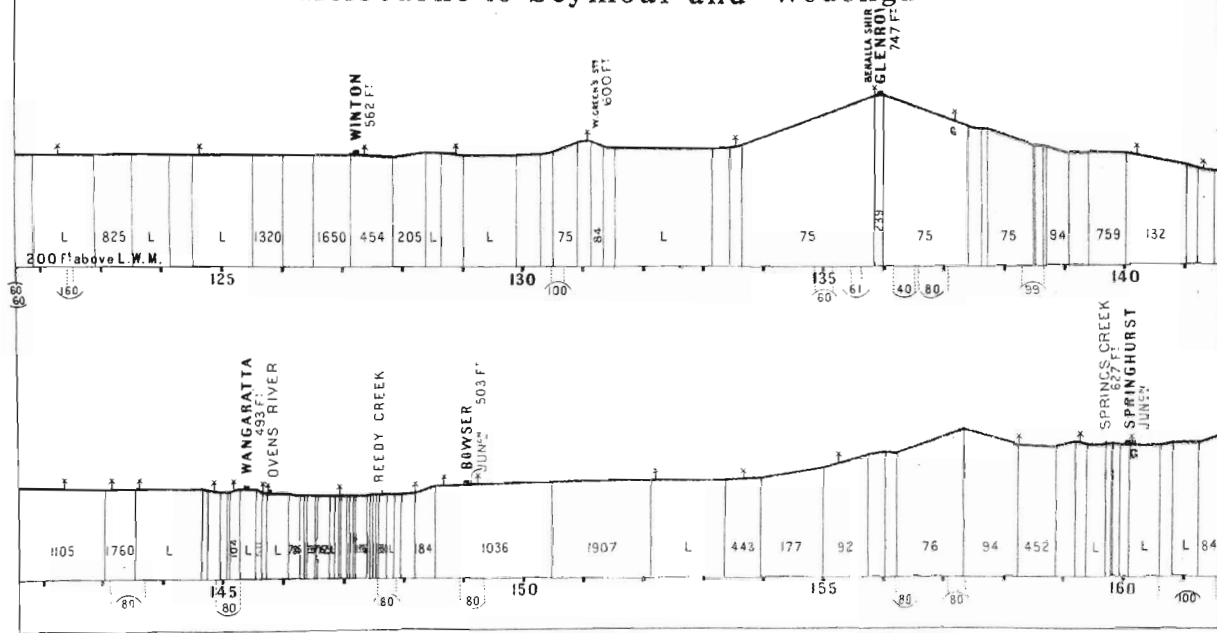


Melbourne to Seymour and Wodonga

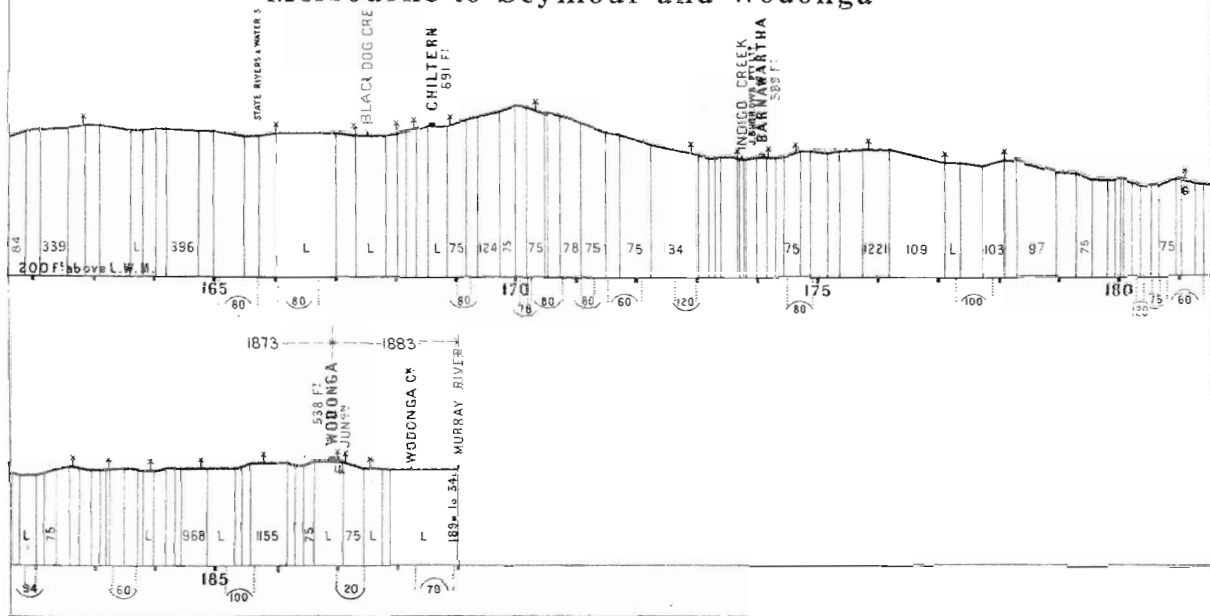
1872 --- 1873



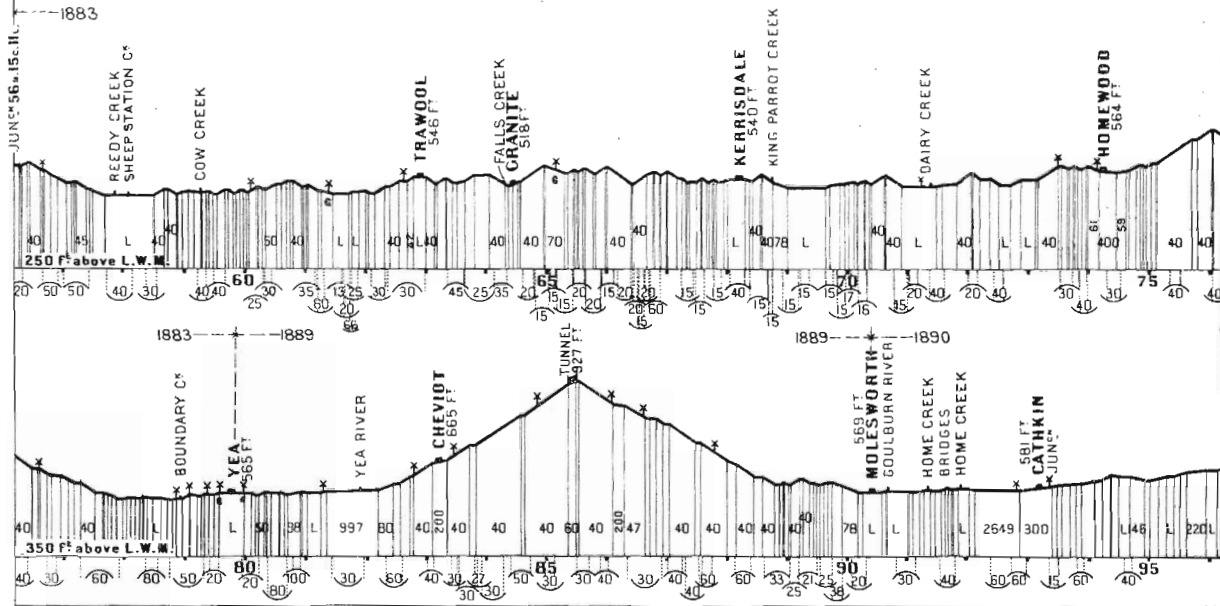
Melbourne to Seymour and Wodonga



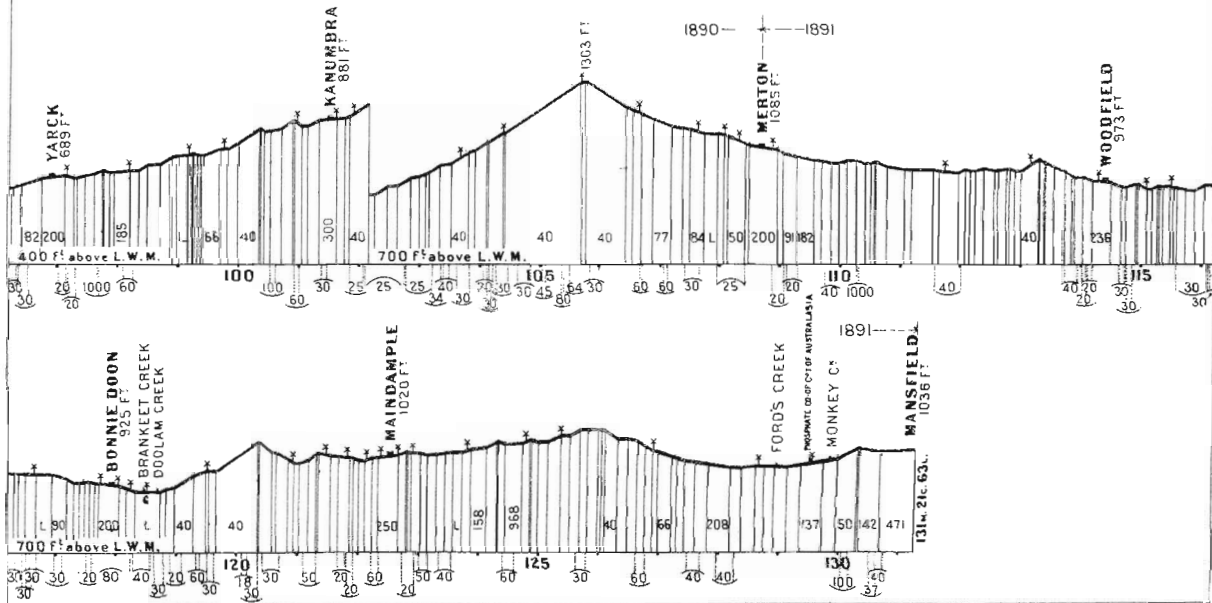
Melbourne to Seymour and Wodonga



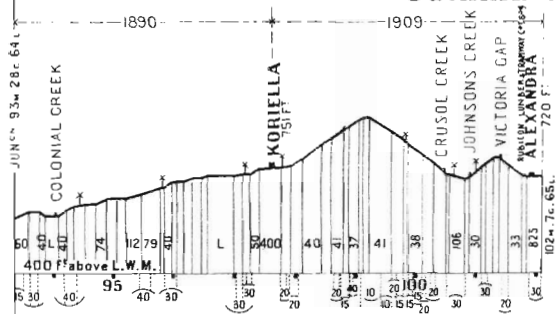
Tallarook to Mansfield



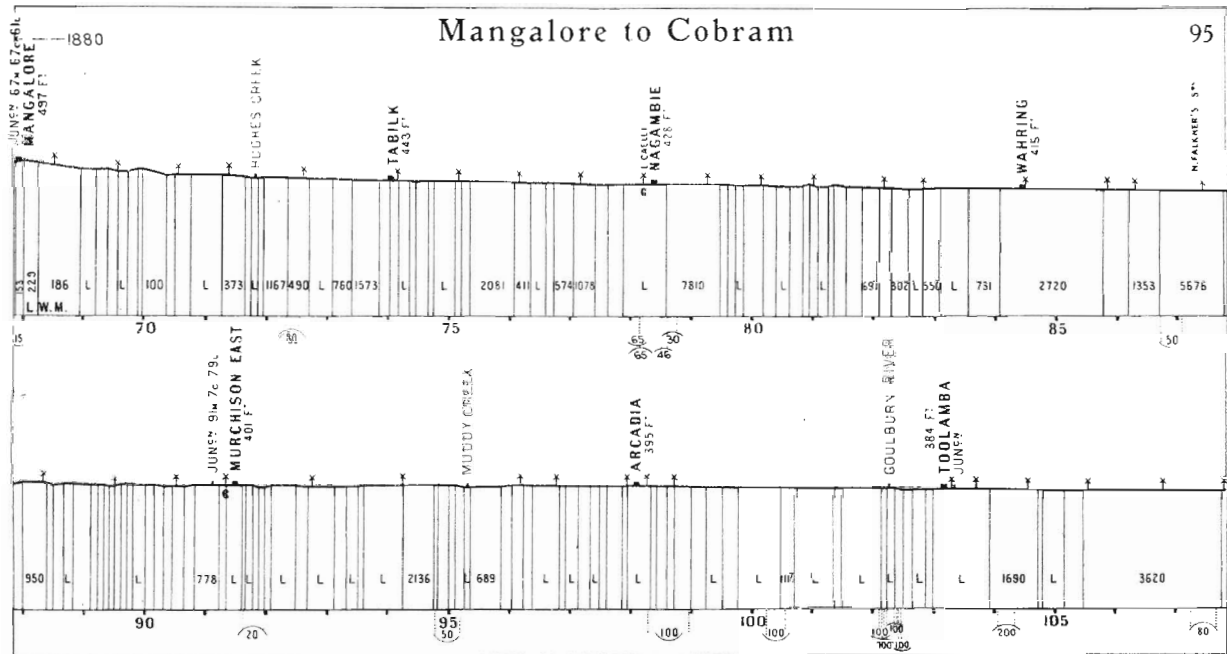
Tallarook to Mansfield



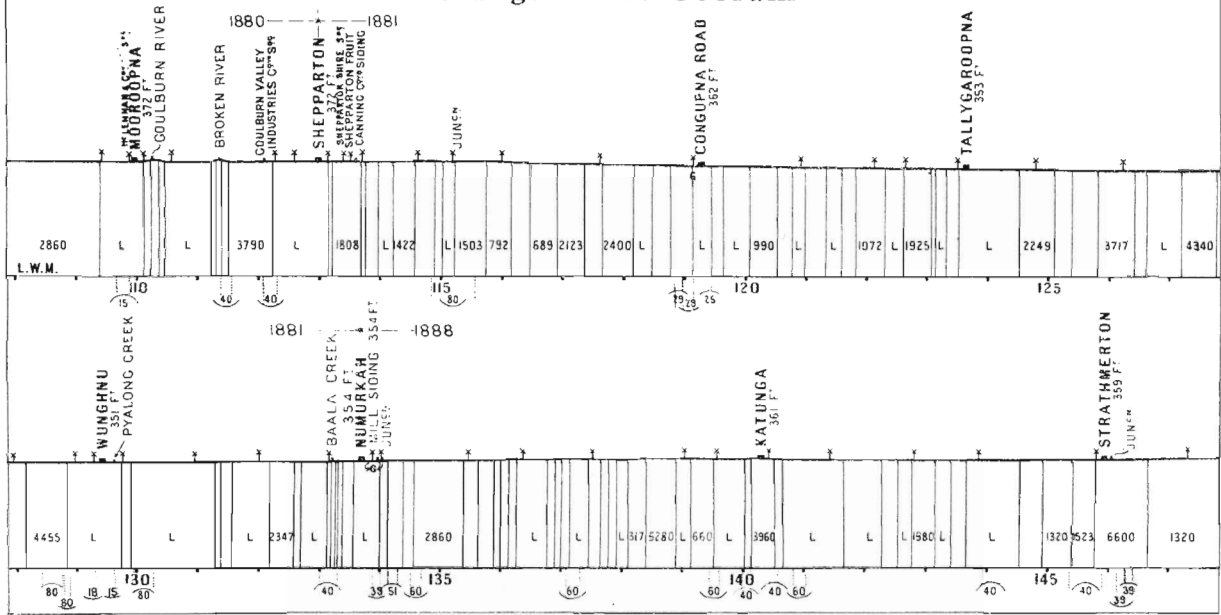
Cathkin to Alexandra



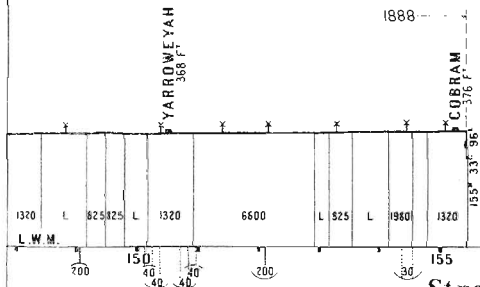
Mangalore to Cobram



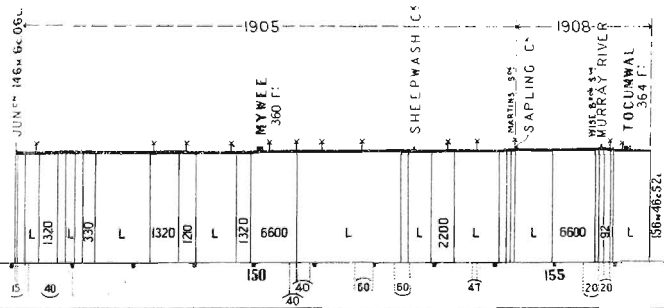
Mangalore to Cobram



Mangalore to Cobram

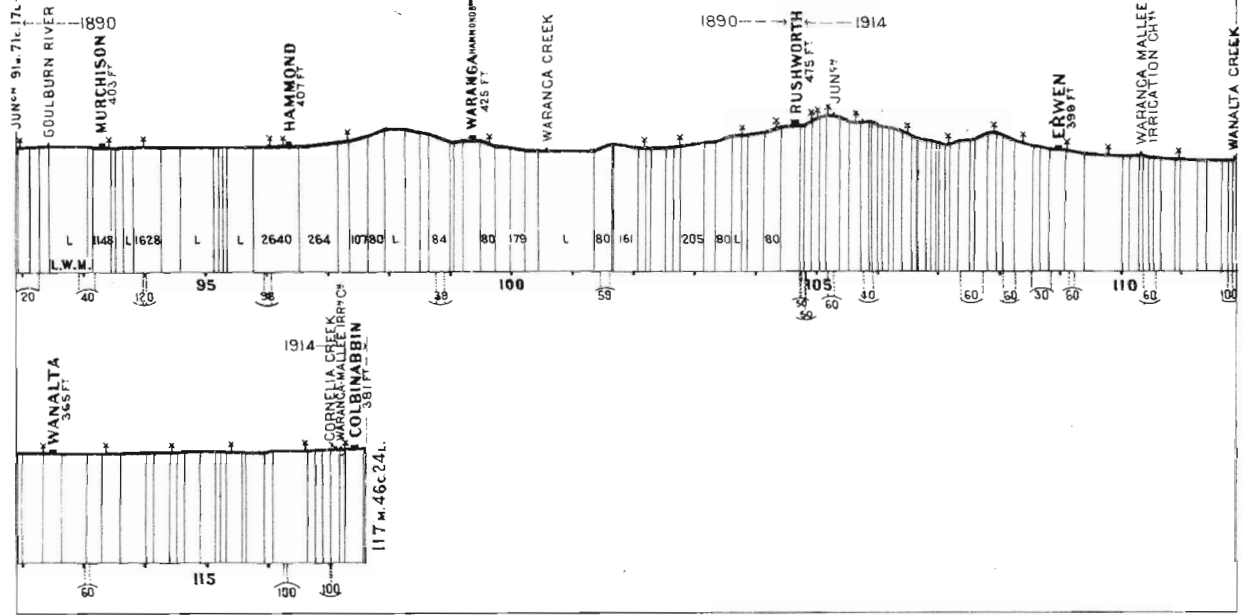


Strathmerton to Tocumwal



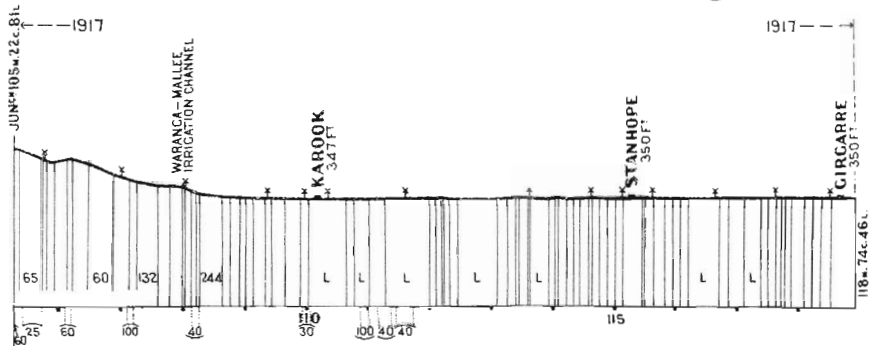
98

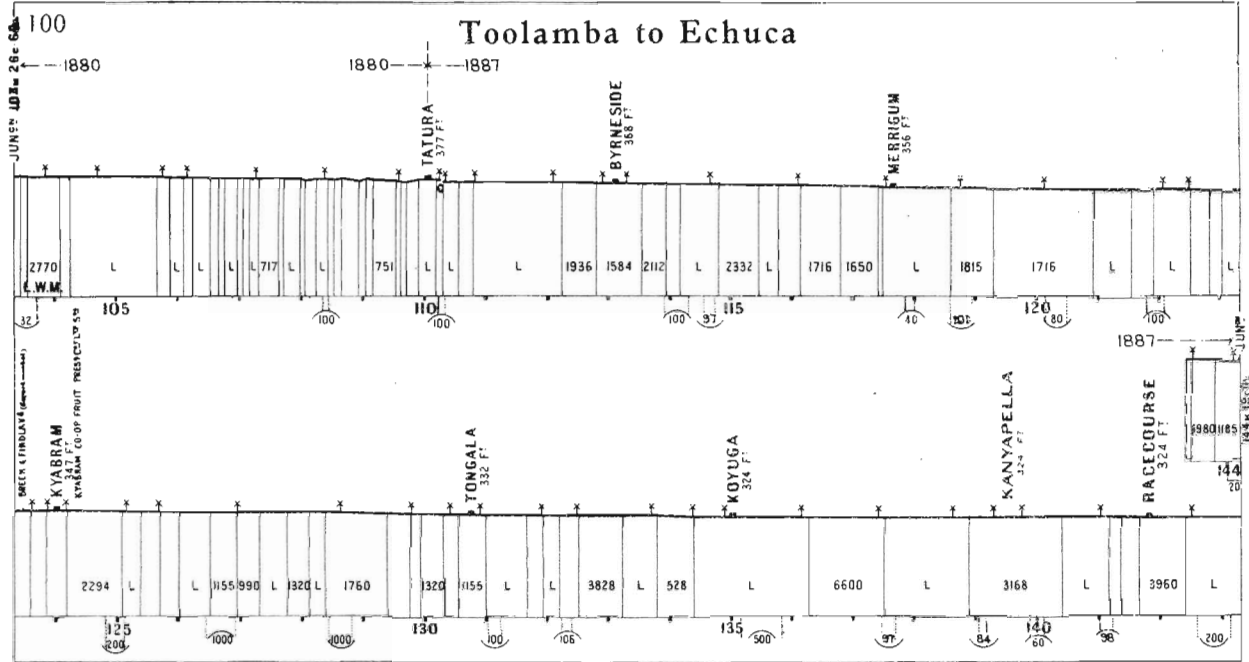
Murchison East to Colbinabbin



Rushworth to Girgarre

99

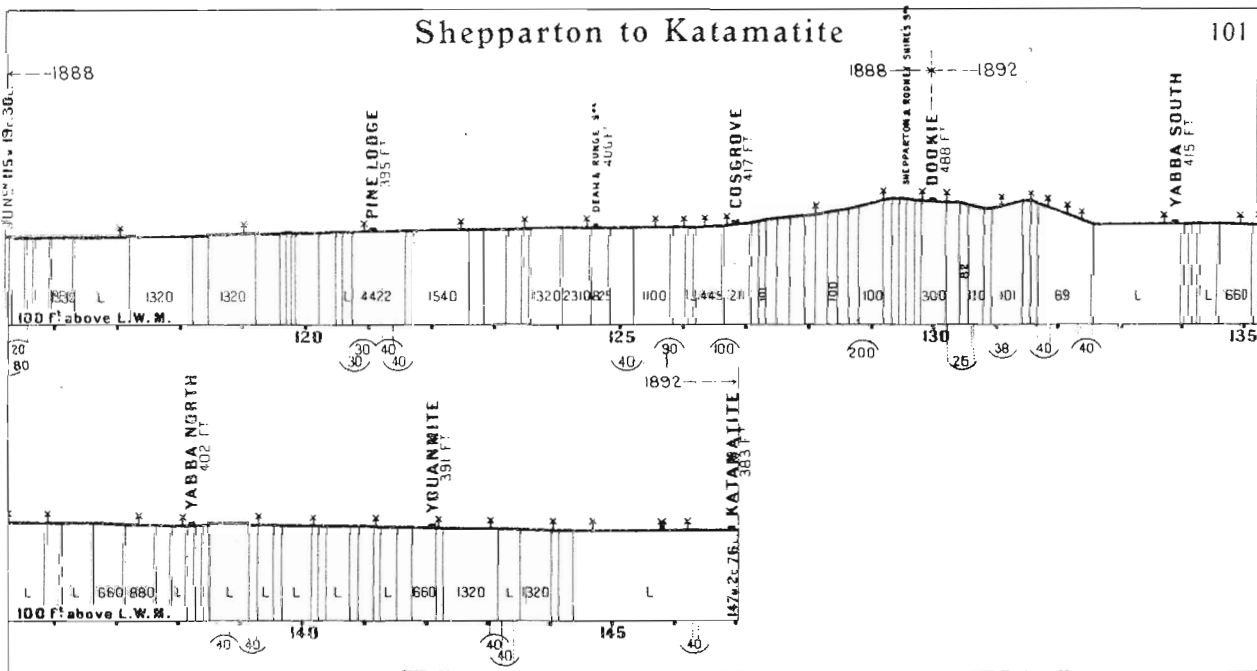




Shepparton to Katamatite

101

JUN 15, 1930

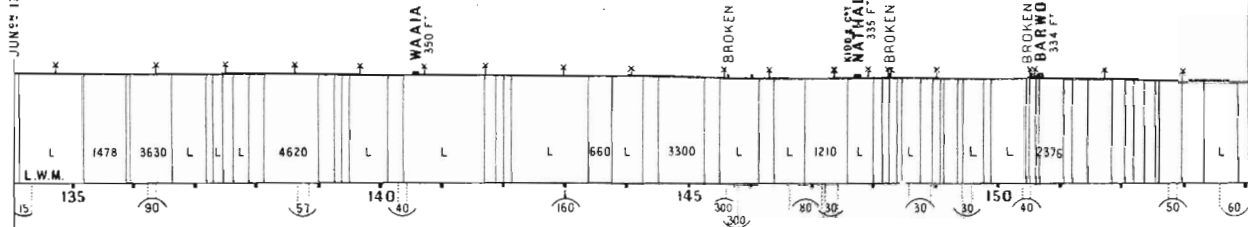


102

Numurkah to Picola

JUN 24 184 M 3c 99L

1888



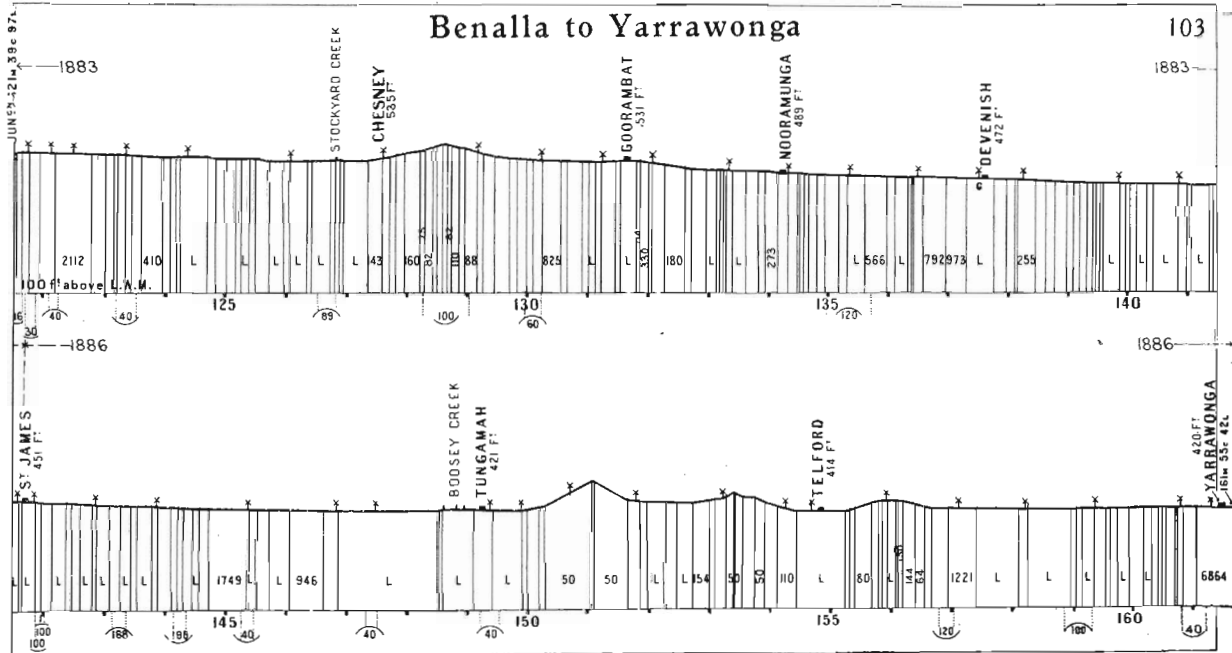
PICOLA
327 F.
154 M 46r 38c

60

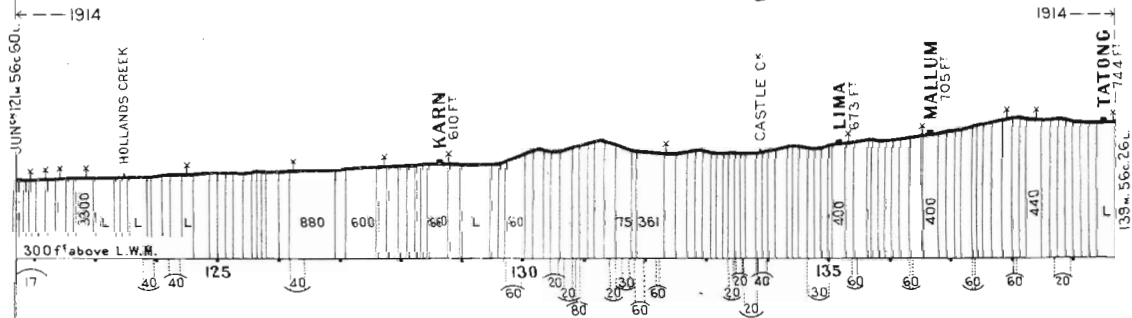
1896

Benalla to Yarrowonga

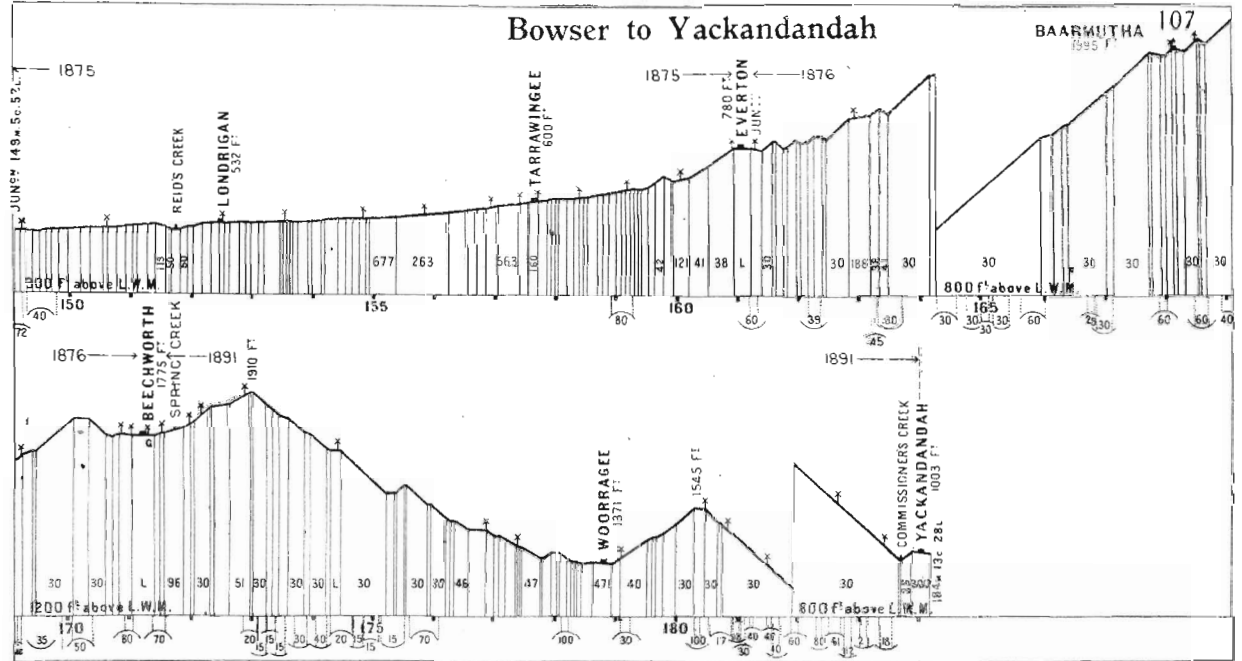
103



Benalla to Tatong

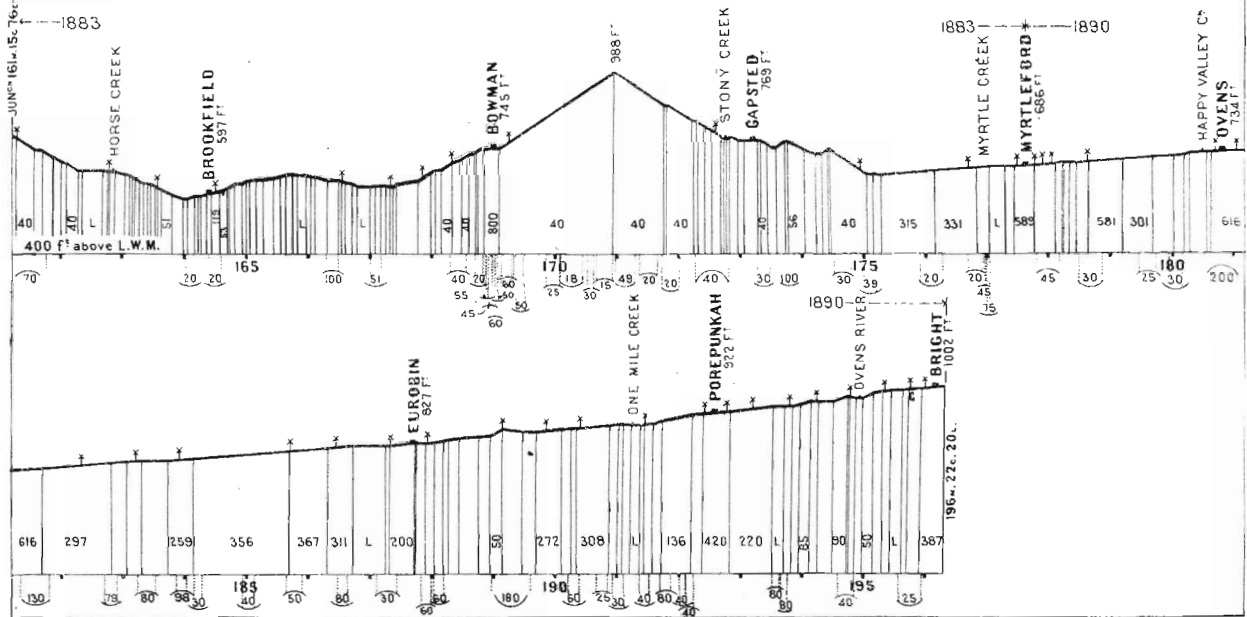


Bowser to Yackandandah

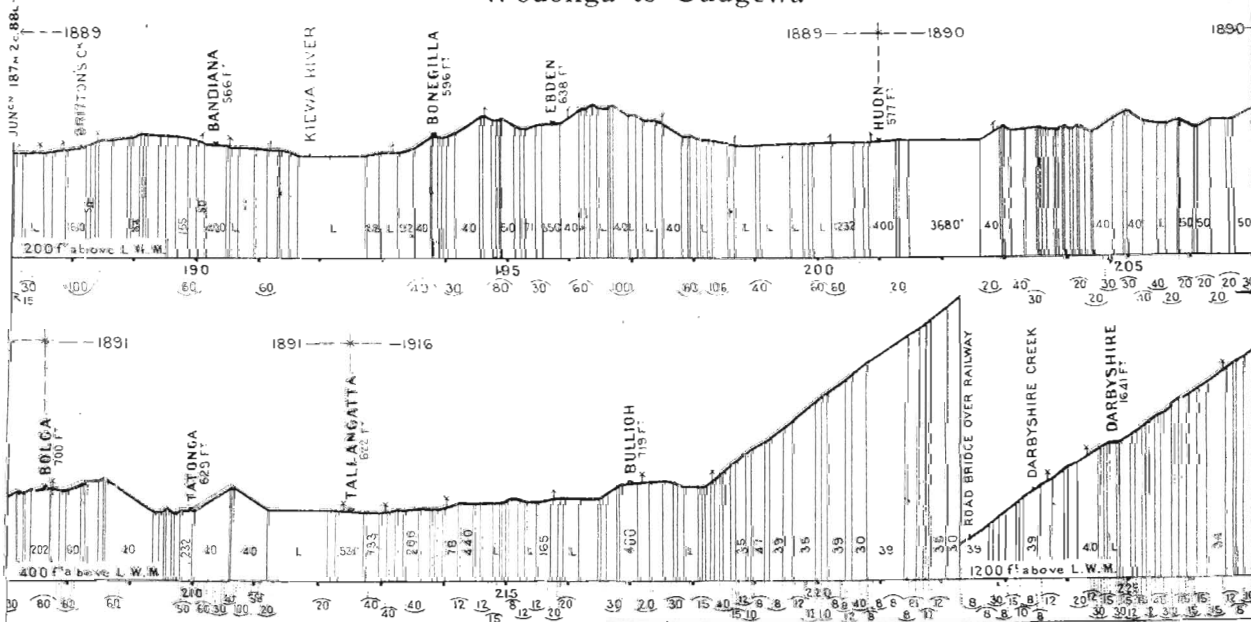


Everton to Bright

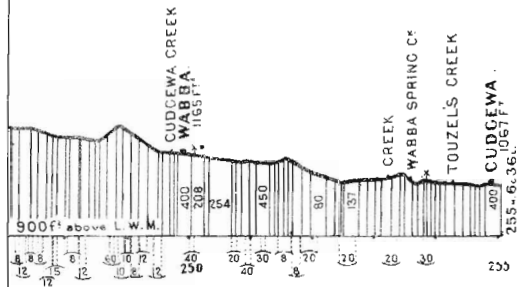
109



Wodonga to Cudgewa

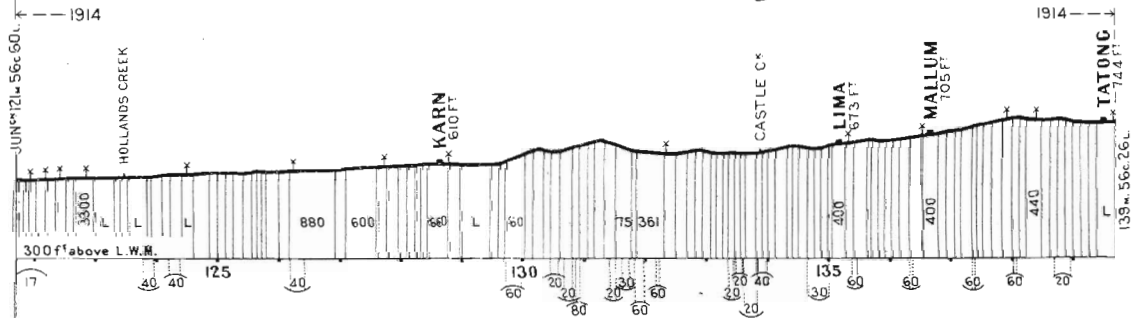


Wodonga to Cudgewa



WESTERN DISTRICT.

Benalla to Tatong

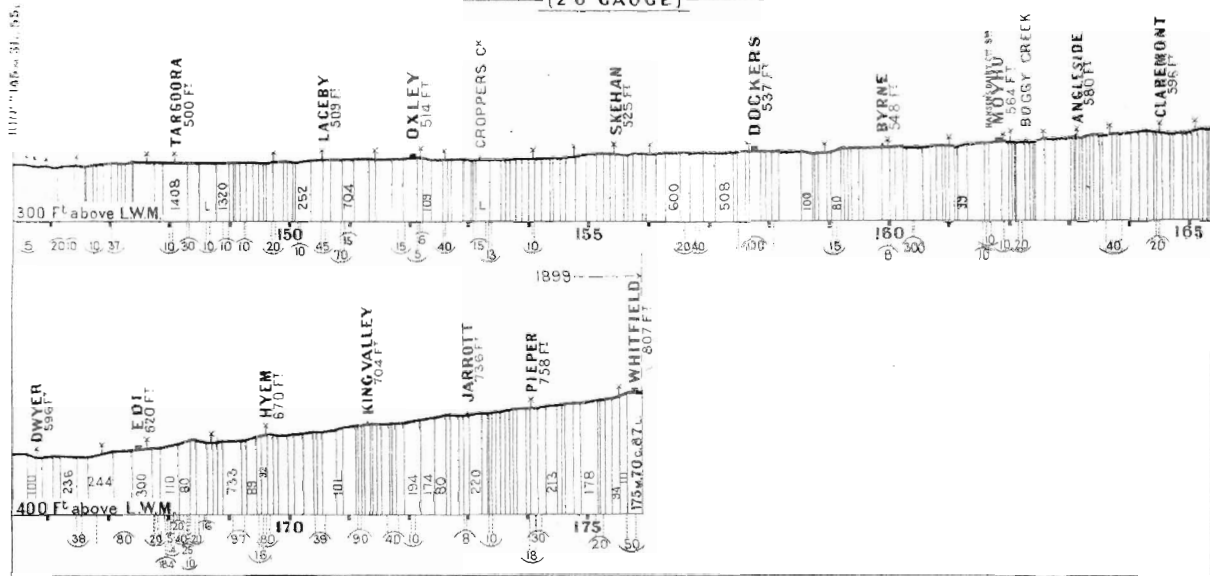


106

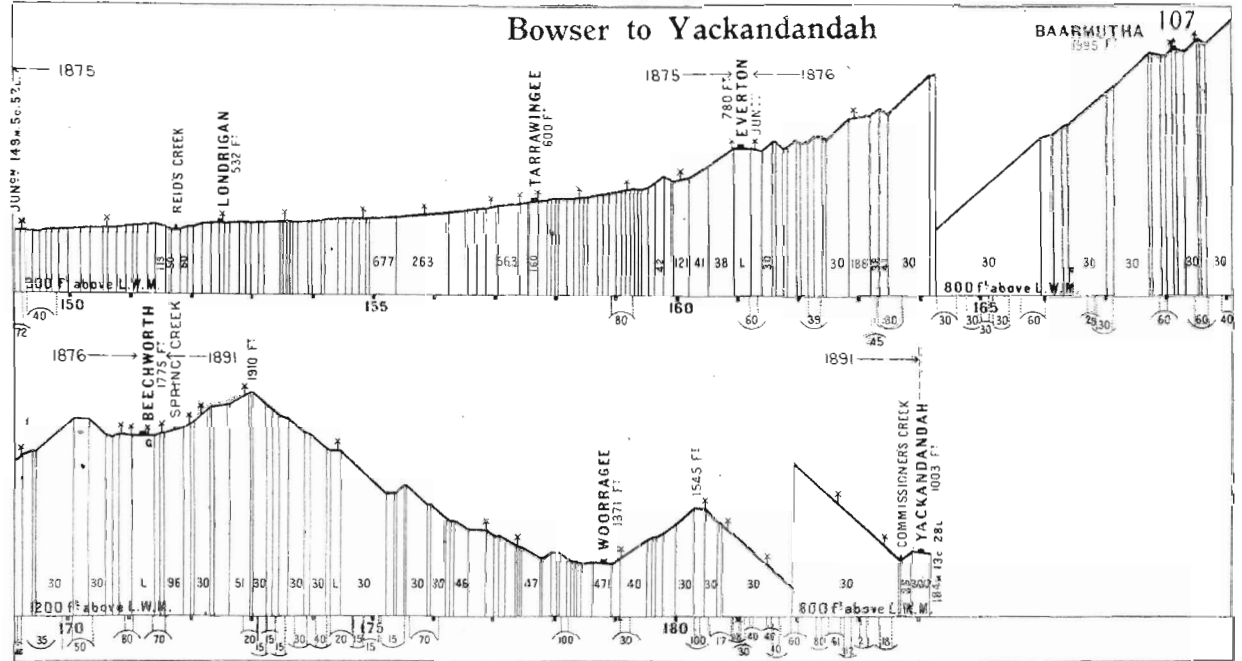
Wangaratta to Whitfield

— 1899

(2'6" GAUGE)

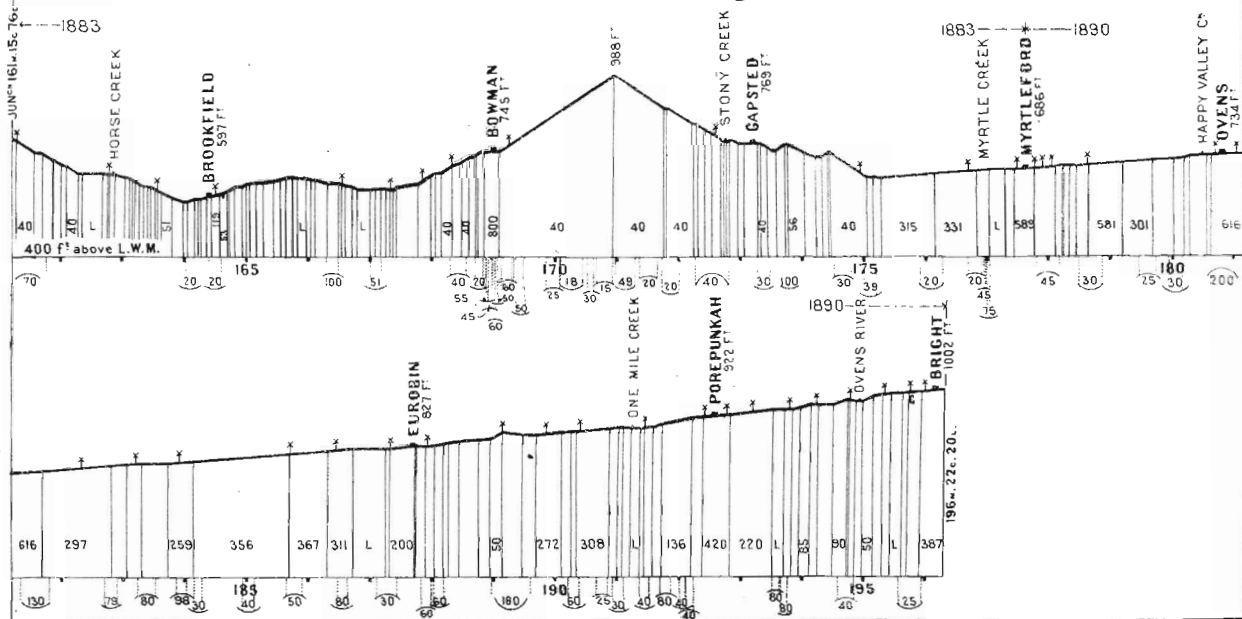


Bowser to Yackandandah



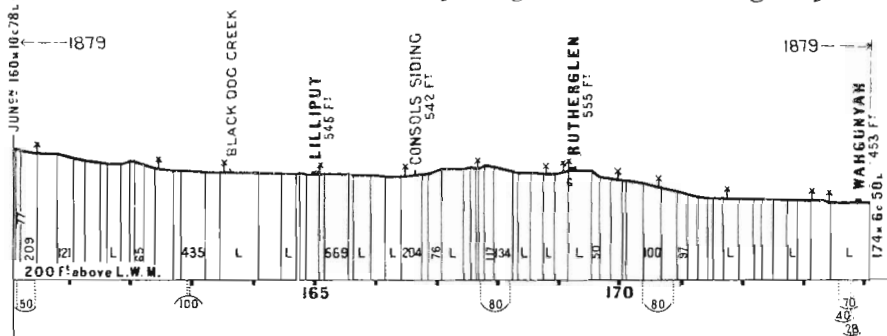
Everton to Bright

109

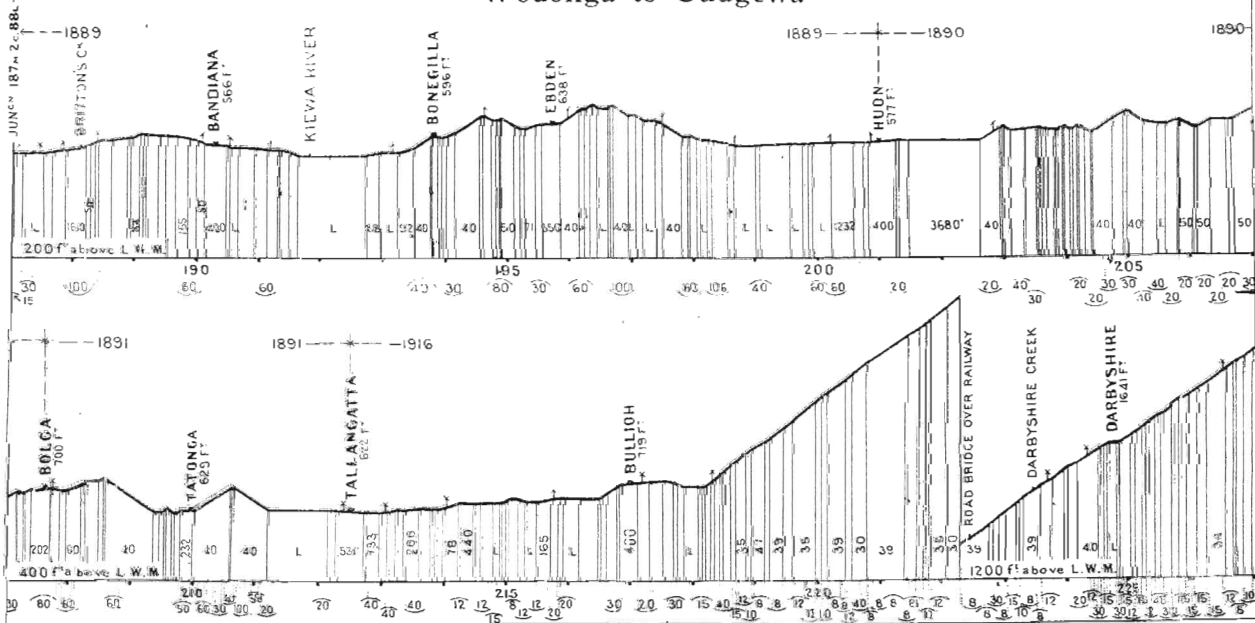


110

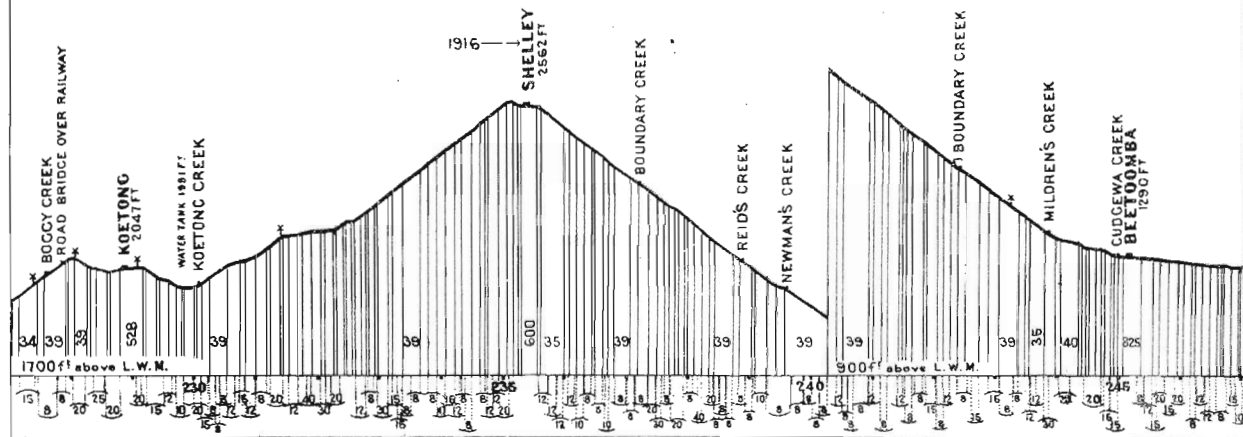
Springhurst to Wahgunyah



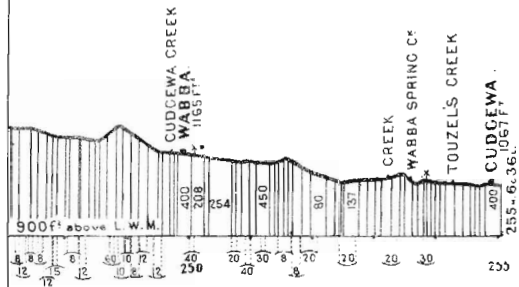
Wodonga to Cudgewa



Wodonga to Cudgewa

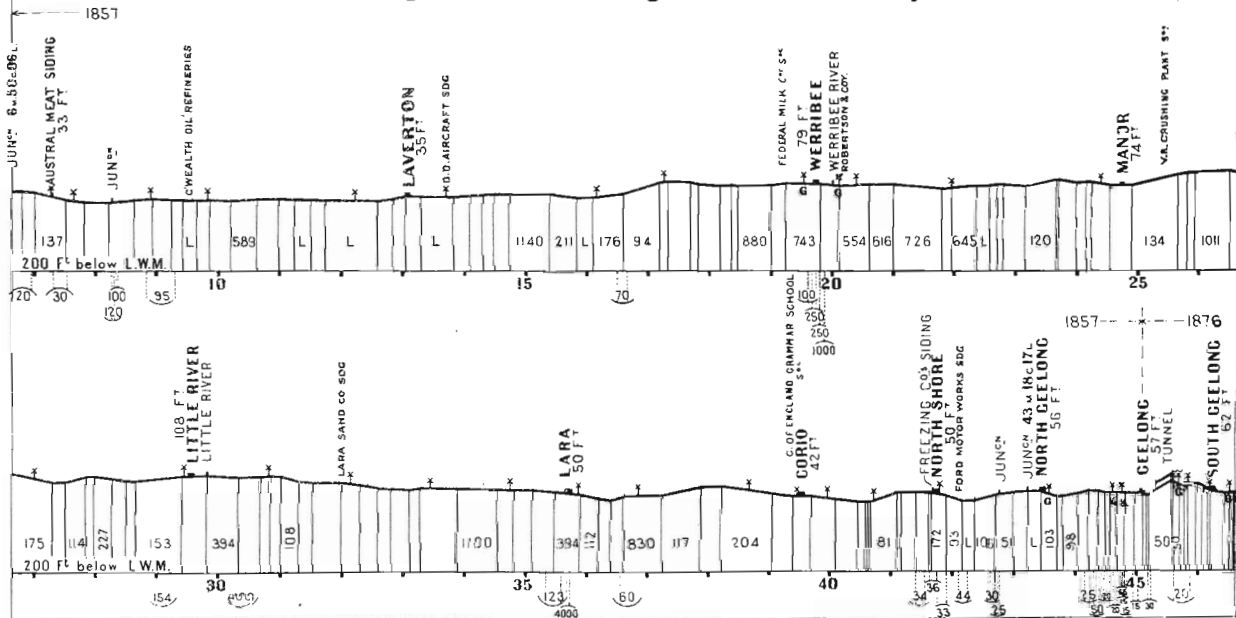


Wodonga to Cudgewa

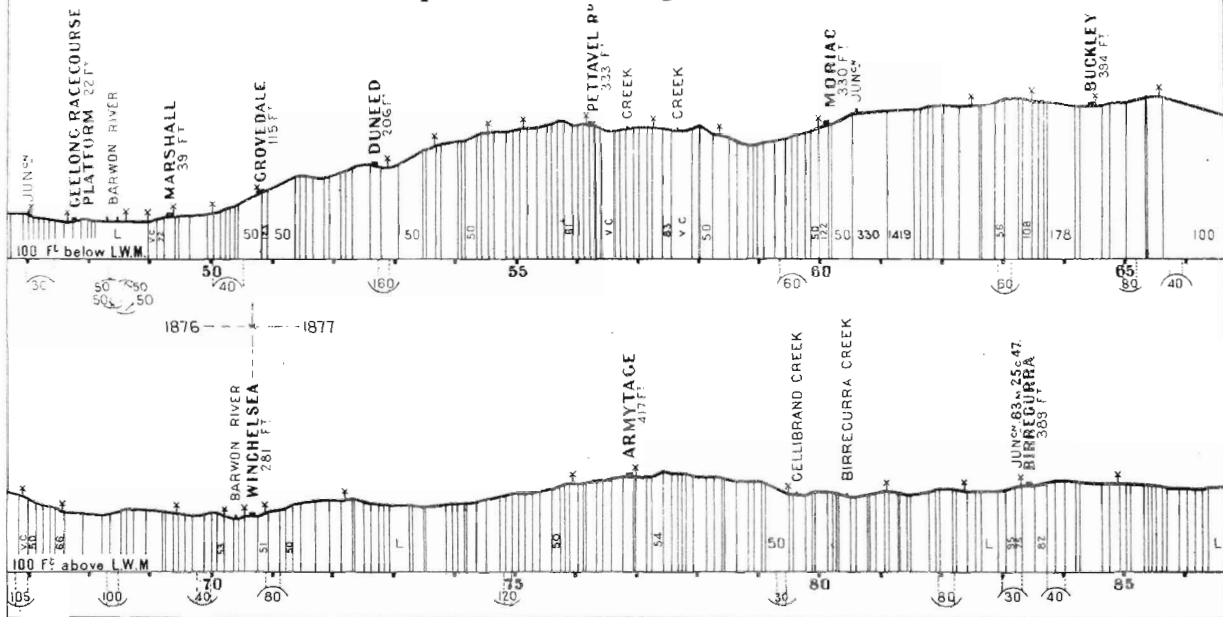


WESTERN DISTRICT.

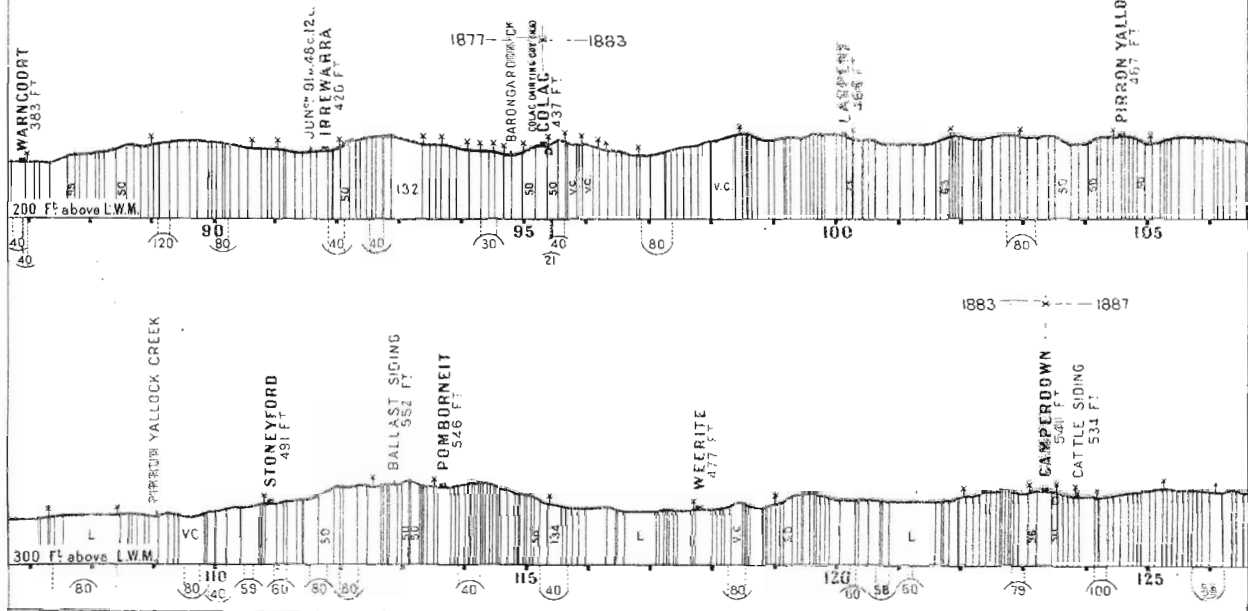
Newport to Geelong and Port Fairy



Newport to Geelong and Port Fairy

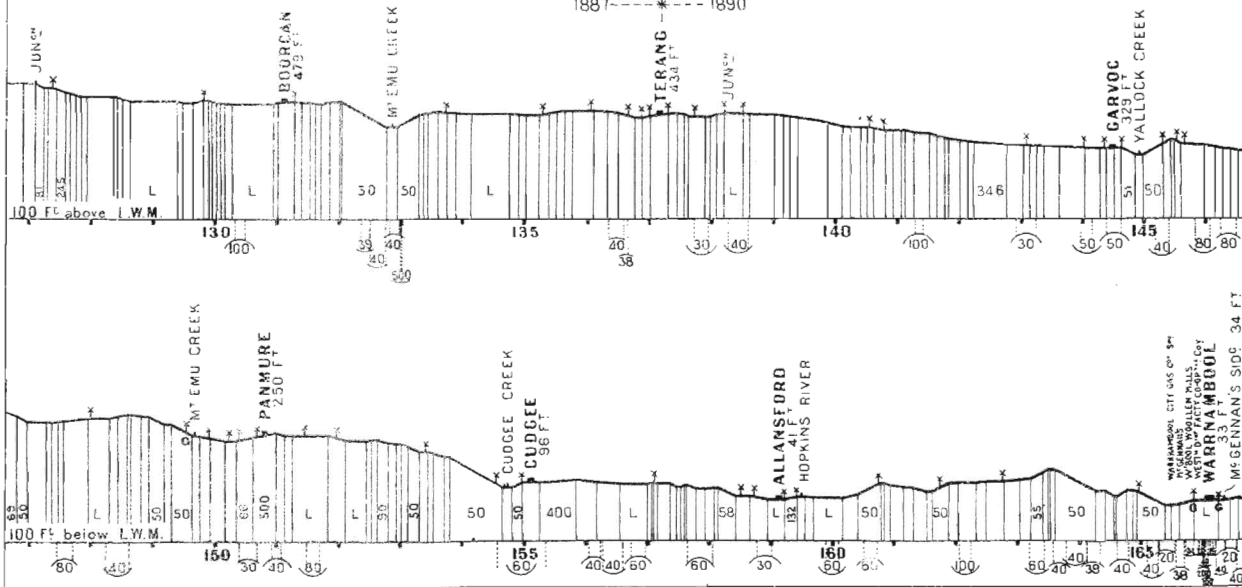


Newport to Geelong and Port Fairy



Newport to Geelong and Port Fairy

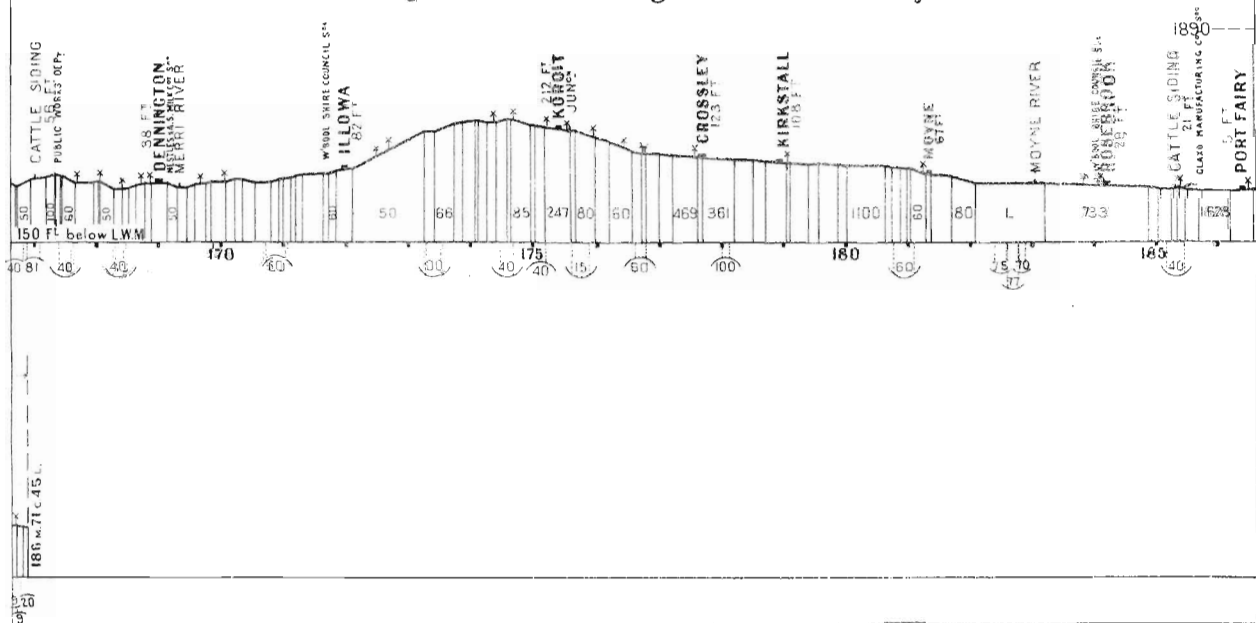
1887-----*-----1890



WARRENHOLM CITY GAS CO. '84
 M' GENNAN'S
 WARRNAMBOOL
 WARRNAMBOOL
 M' GENNAN'S SIDG. 34 FT.

Newport to Geelong and Port Fairy

123

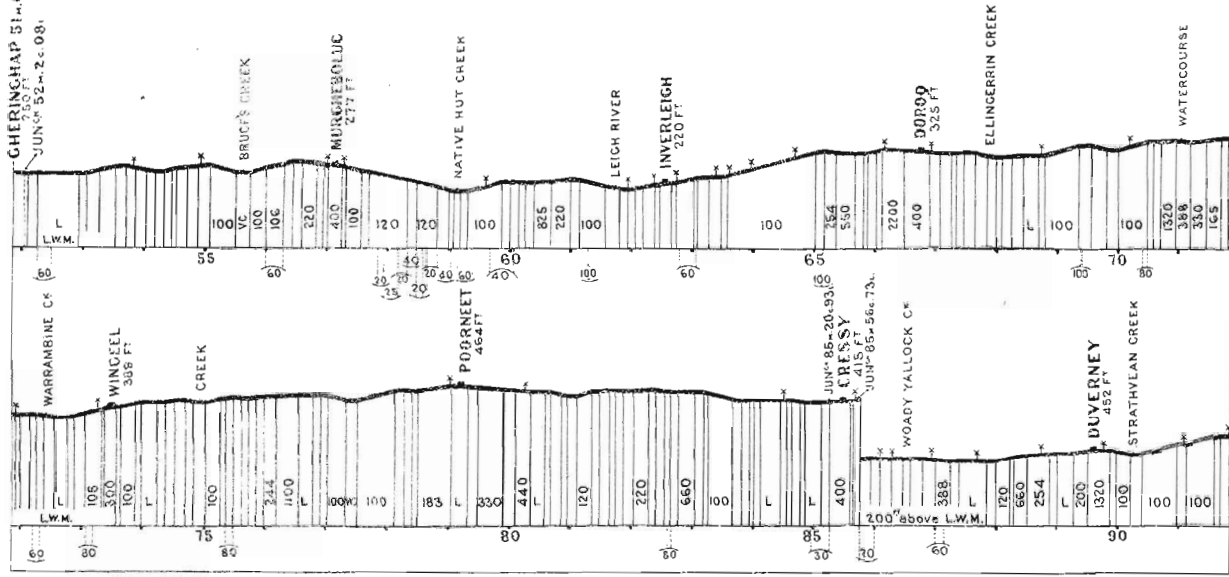


CHERINGHAP 51 m. 68 c. 66.
 JUN '85 52 m. 2 c. 08.

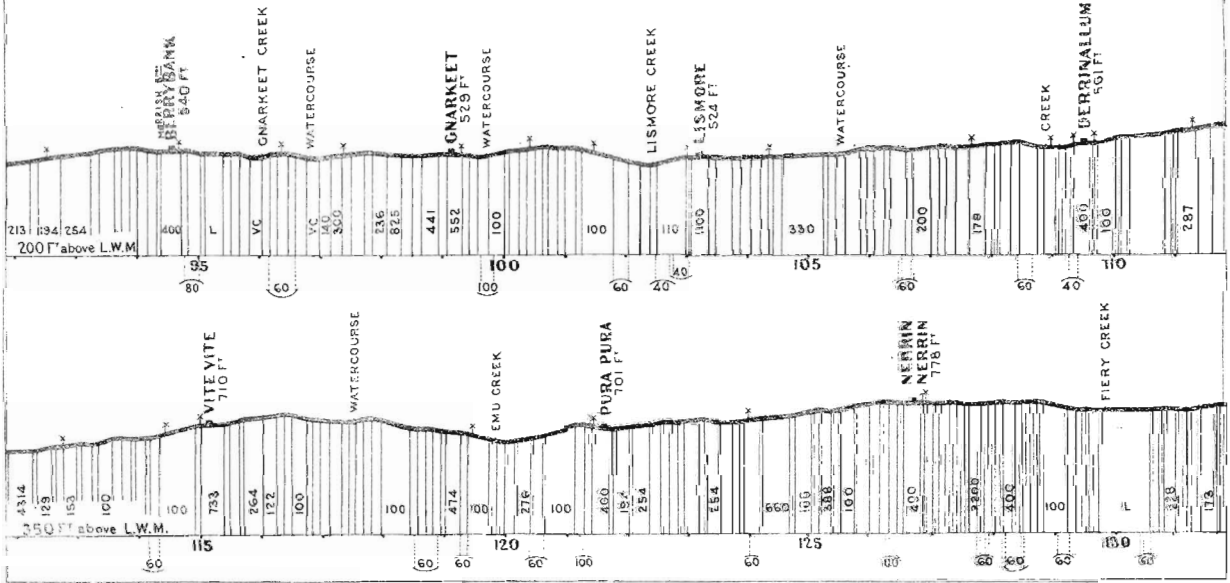
124

1913

Gheringhap to Maroona

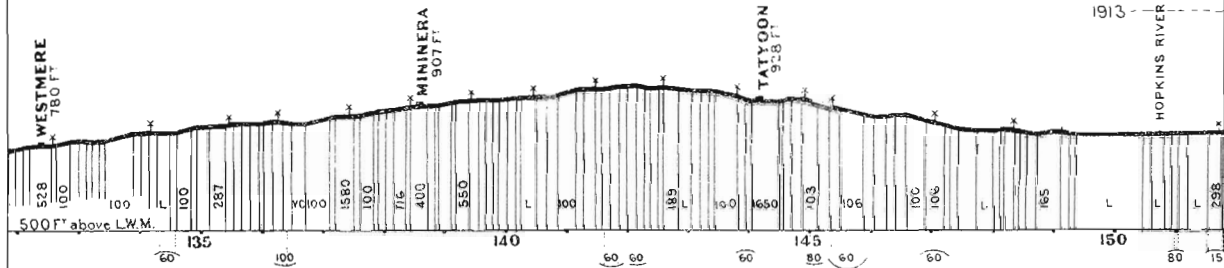


Gheringhap to Maroona



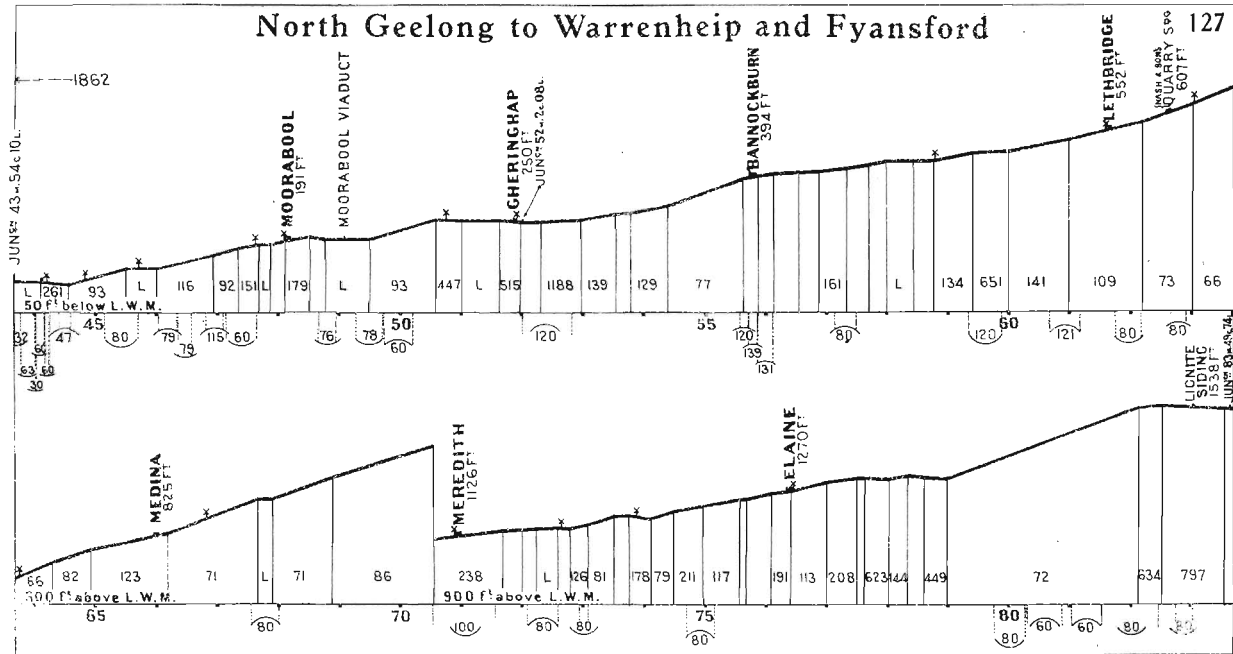
126

Gheringhap to Maroona

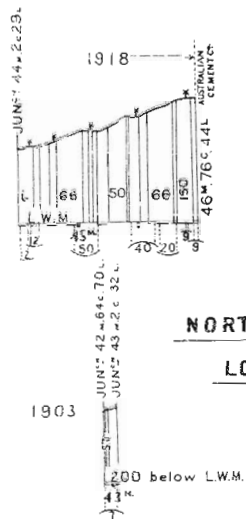
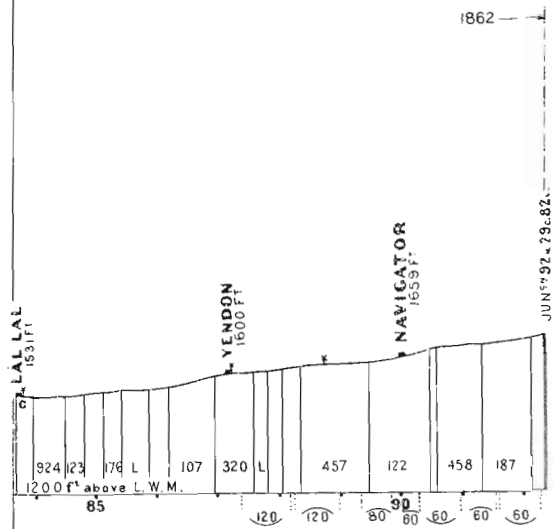


JUN 151 W. 63c 40.

North Geelong to Warrenheip and Fyansford



North Geelong to Warrenheip and Fyansford



NORTH GEELONG

LOOP LINE

Geelong to Queenscliff

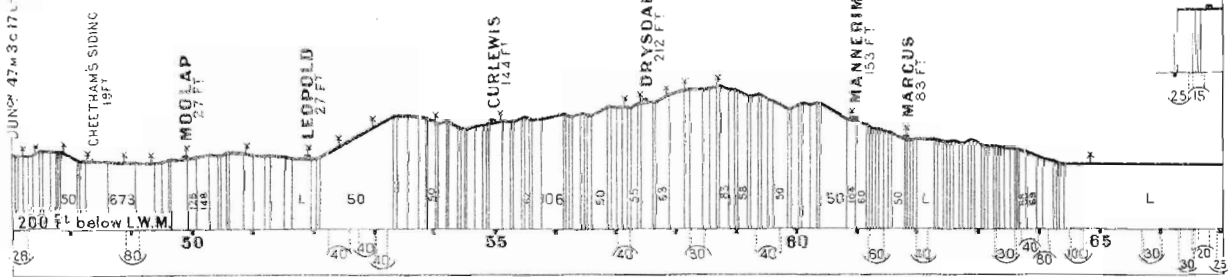
129

1879

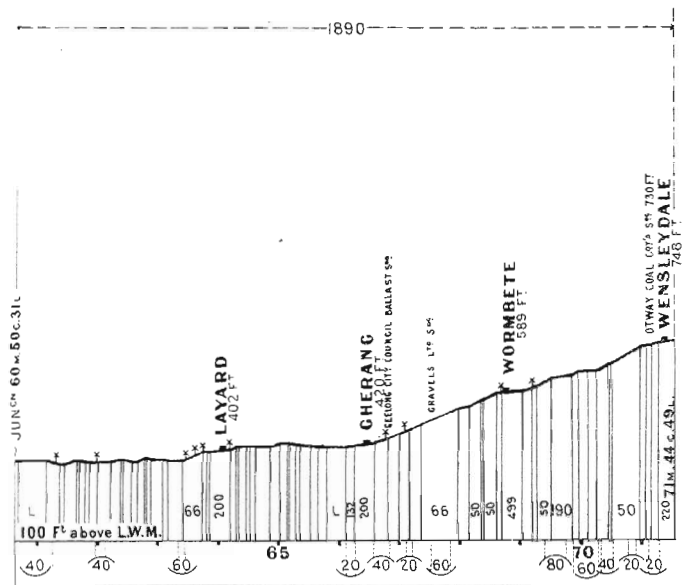
1879

JUNO 47 M 3 C 17 L

QUEENSCLIFF
12 FT
67 M 60 C 33 L
POST OFFICE SQUARES 39

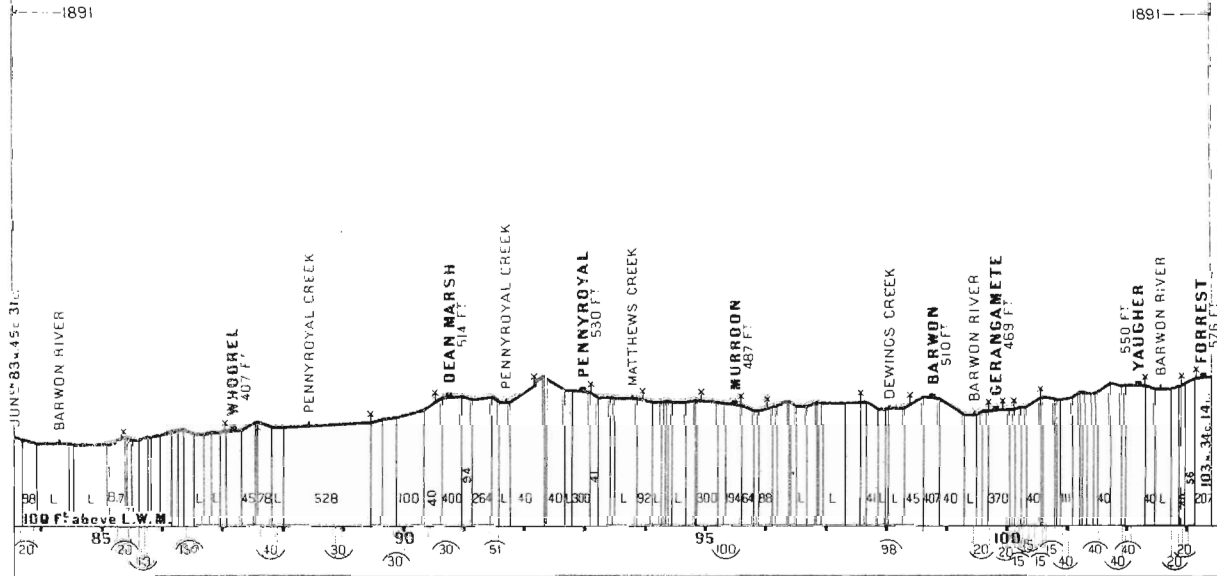


Mt. Moriac to Wensleydale



Birregurra to Forrest

131



JUN 92 0r 06 L

132

Irrewarra to Cressy

1889

1889 - - - 1910

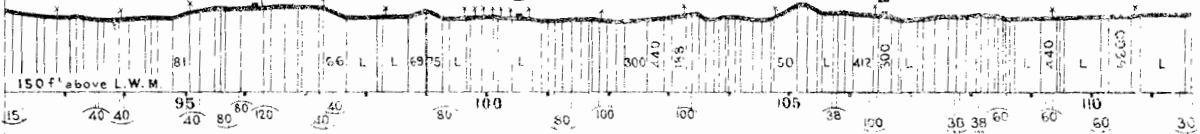
1910

JUN 91 50 04 L

ONDIT
425 FT

BCEAC
381 FT

S BARPINBA
405 FT



Colac to Alvie

59

JUN 95 56 18 L

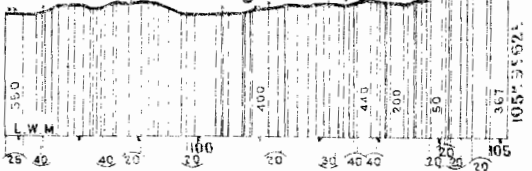
1923

CORROONE
424 FT

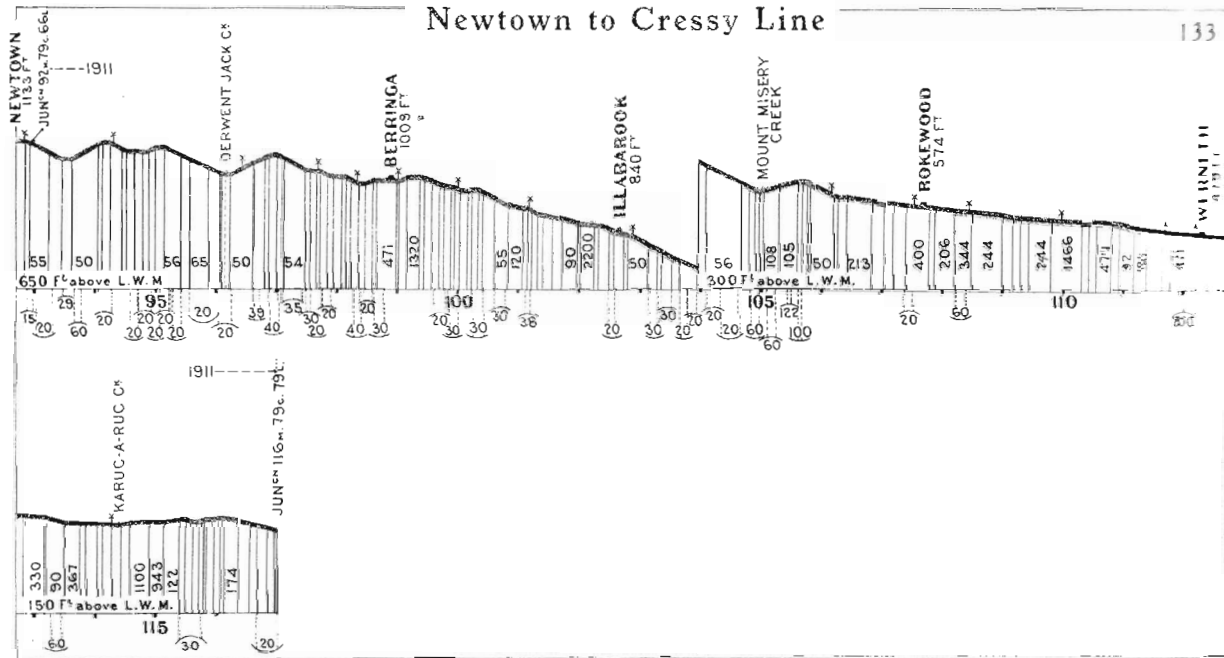
CORAGULAC
451 FT

BALLAST S^{ns}
464 FT

ALVIE
467 FT



Newtown to Cressy Line



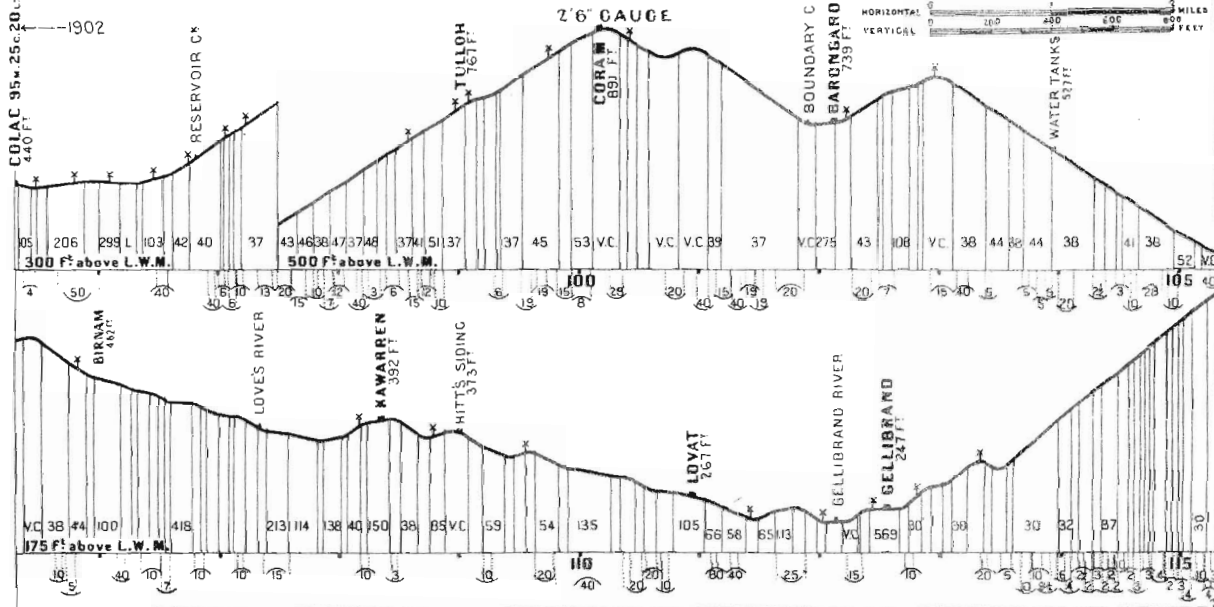
134

Colac to Beech Forest

2' 6" GAUGE

BOUNDARY C
BARONGAROOK
739 FT.

SCALES

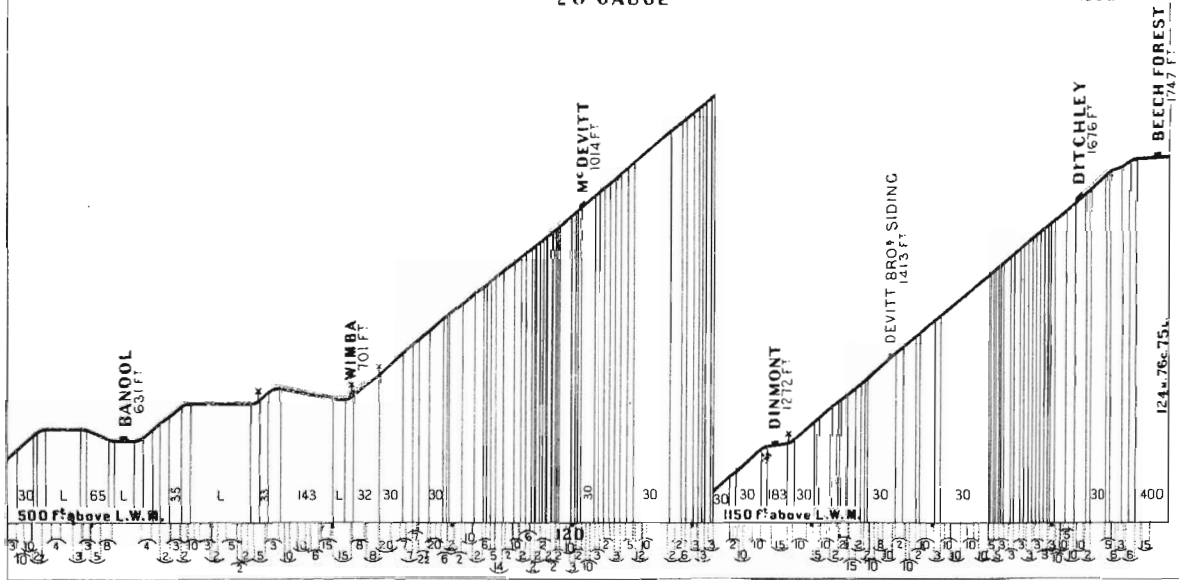


Colac to Beech Forest

2'6" GAUGE

135

1902

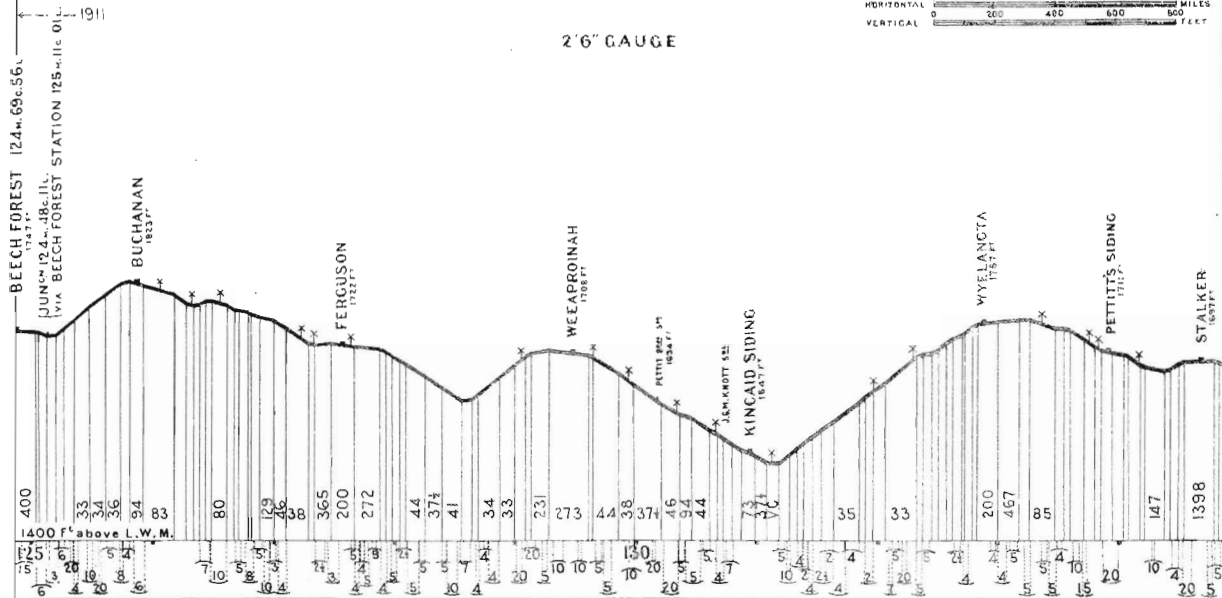


136

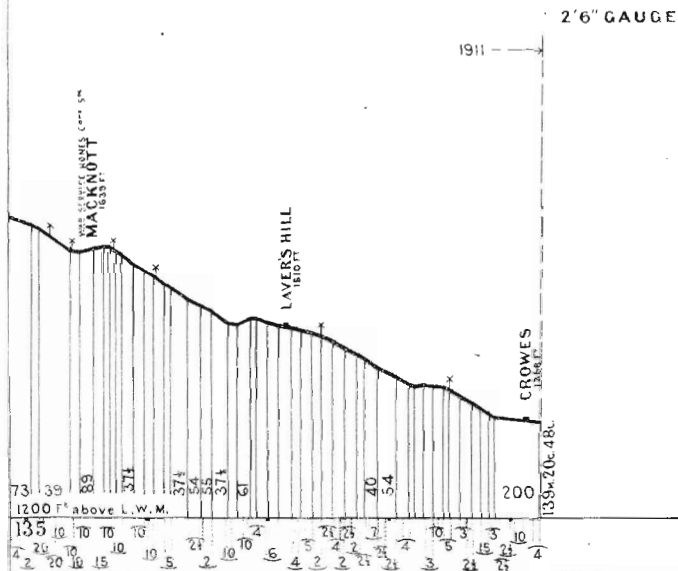
Beech Forest to Crowes

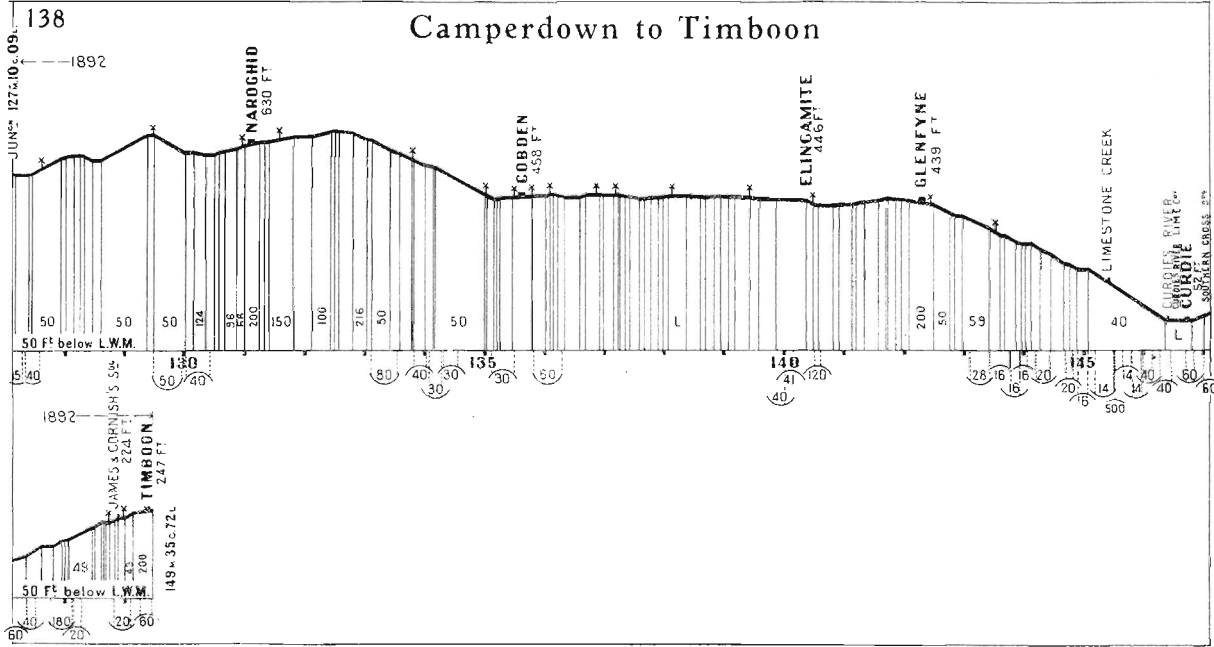


2'6" GAUGE

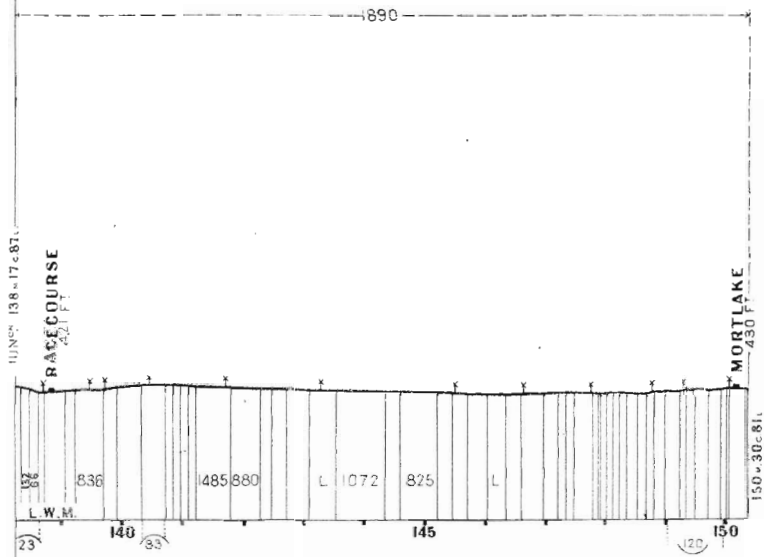


Beech Forest to Crowes





Terang to Mortlake

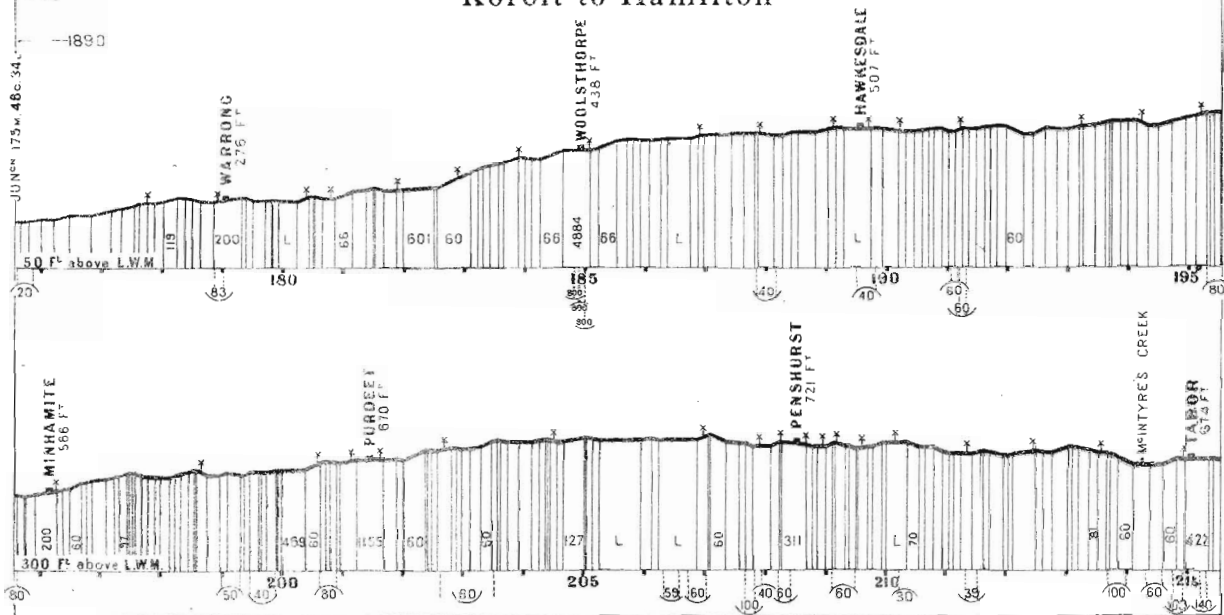


140

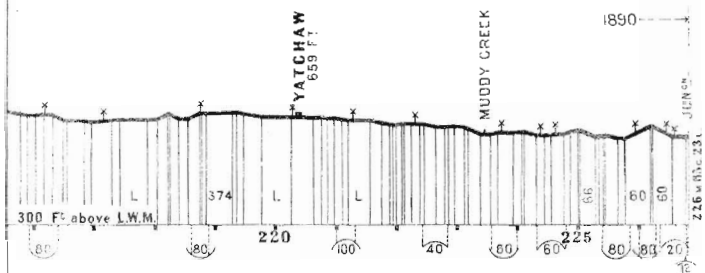
Koroit to Hamilton

JUNGN 175 W. 46 C. 34 L.

-1890

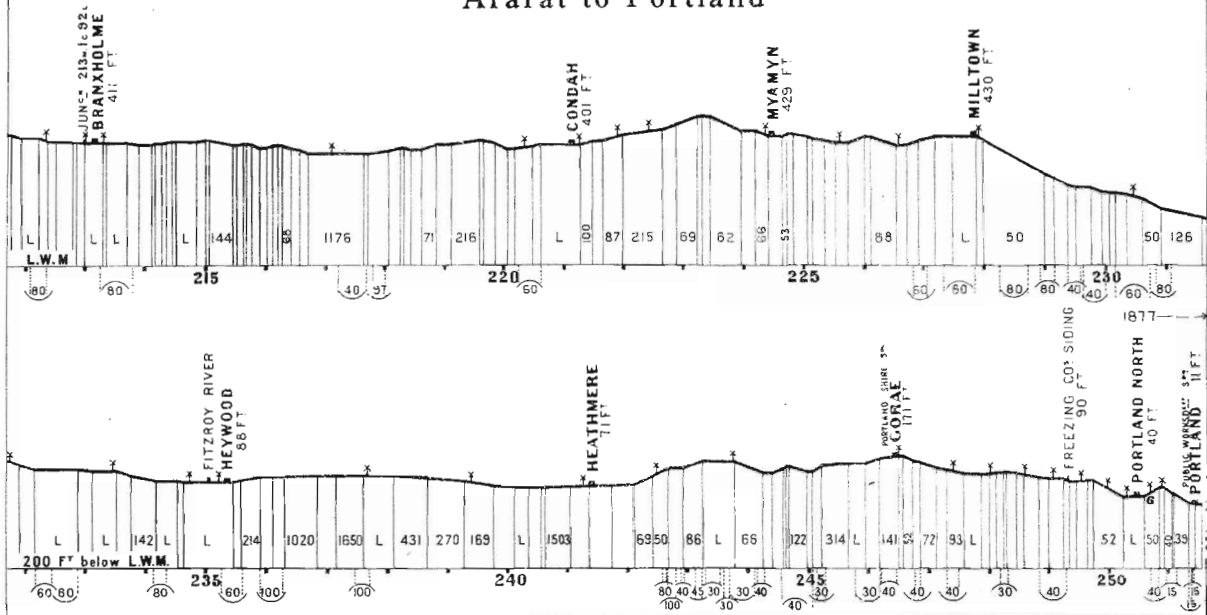


Koroit to Hamilton

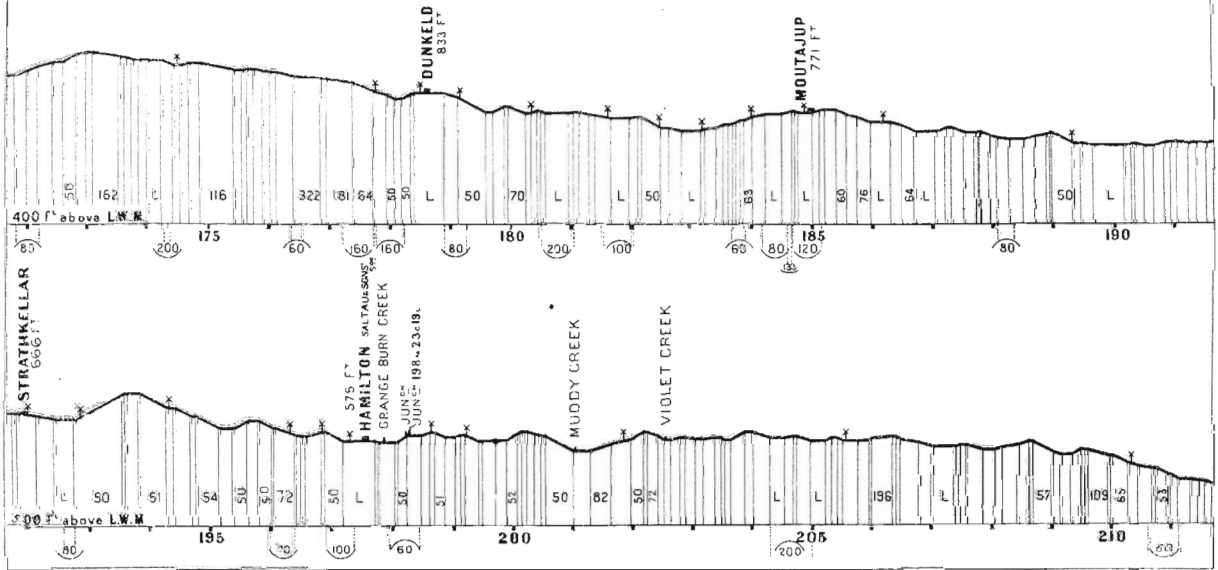


142

Ararat to Portland

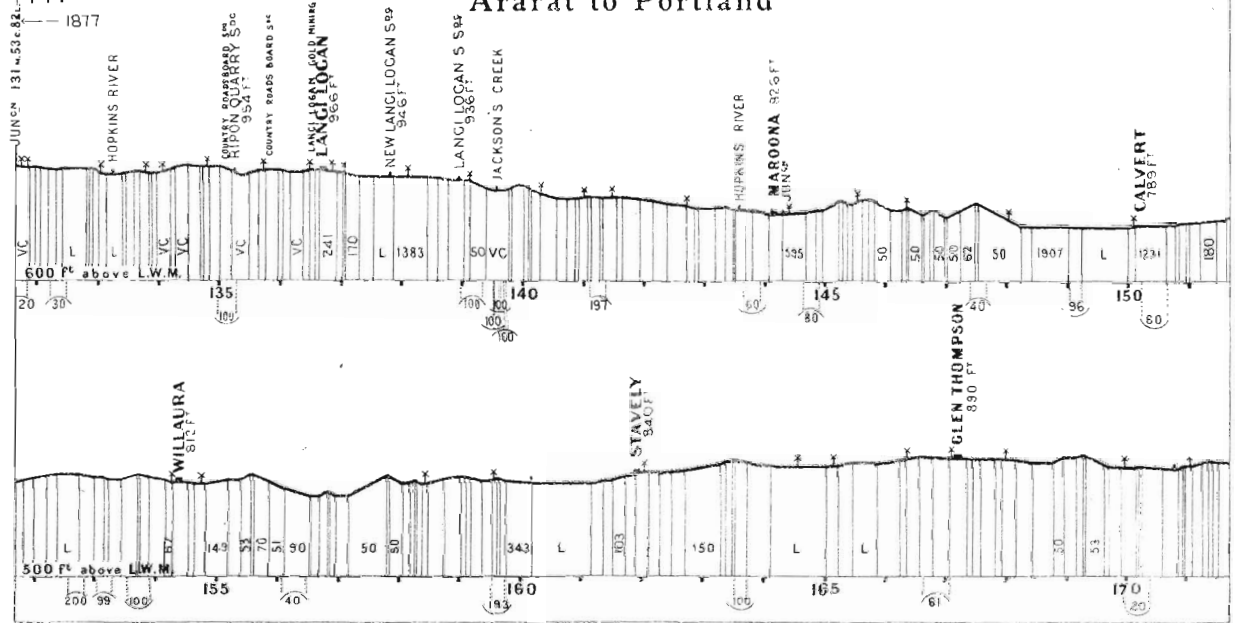


Ararat to Portland

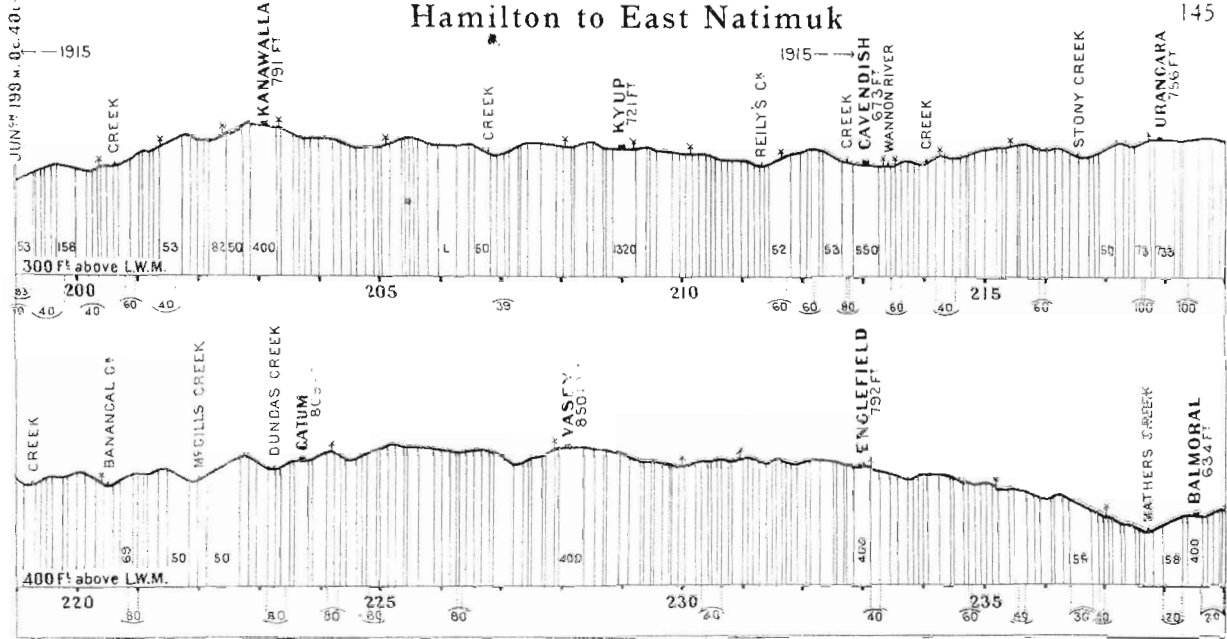


144

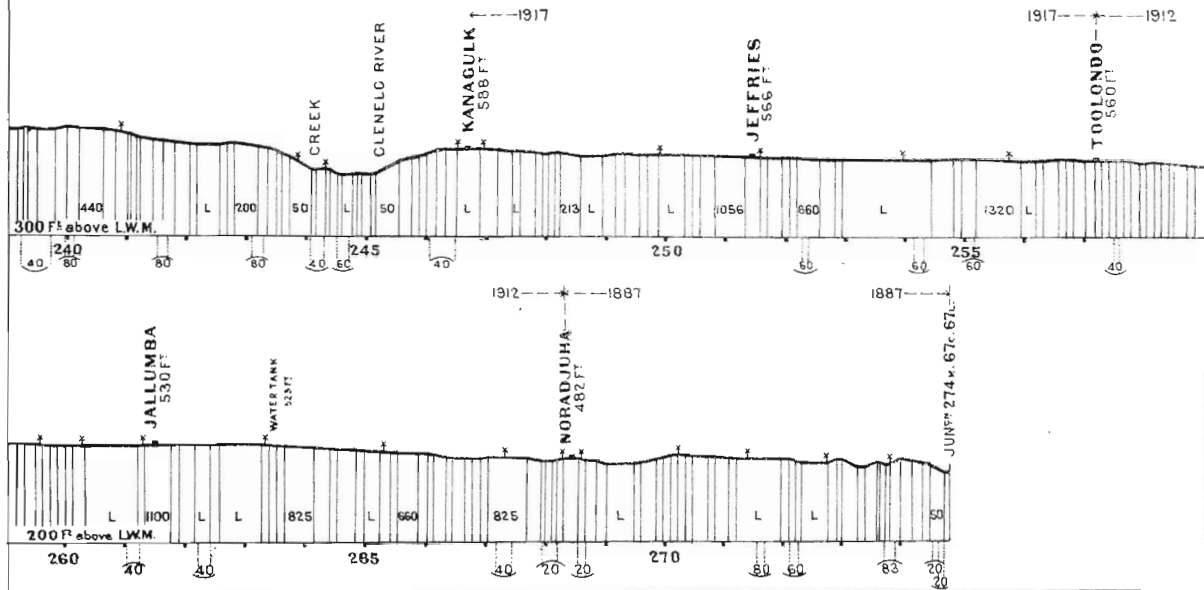
Ararat to Portland



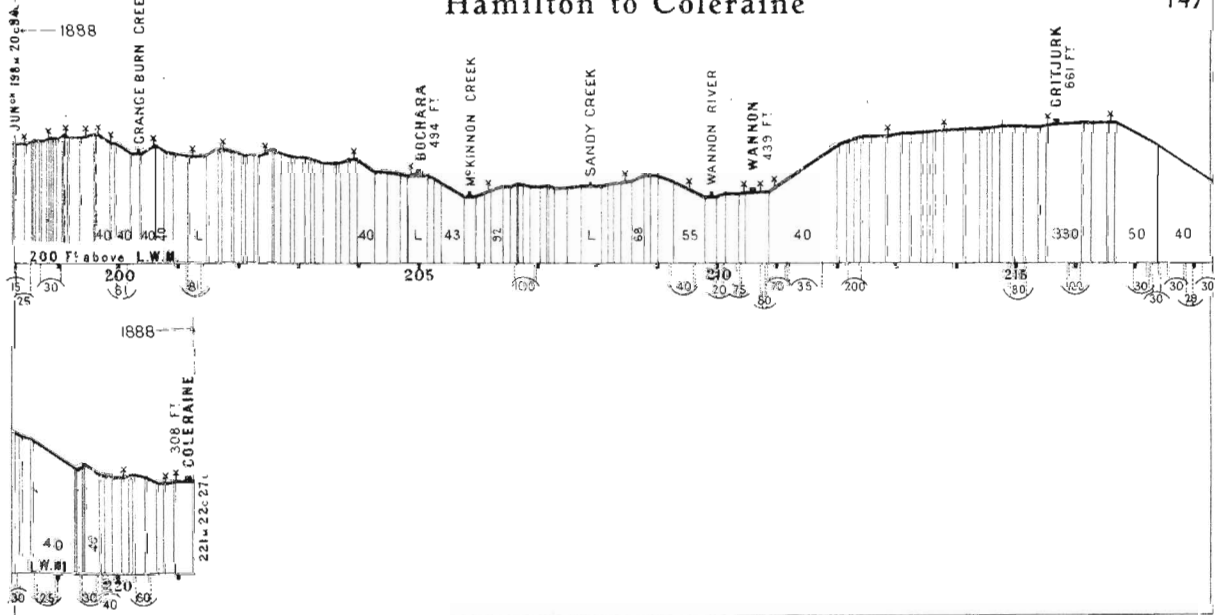
Hamilton to East Natimuk



Hamilton to East Natimuk

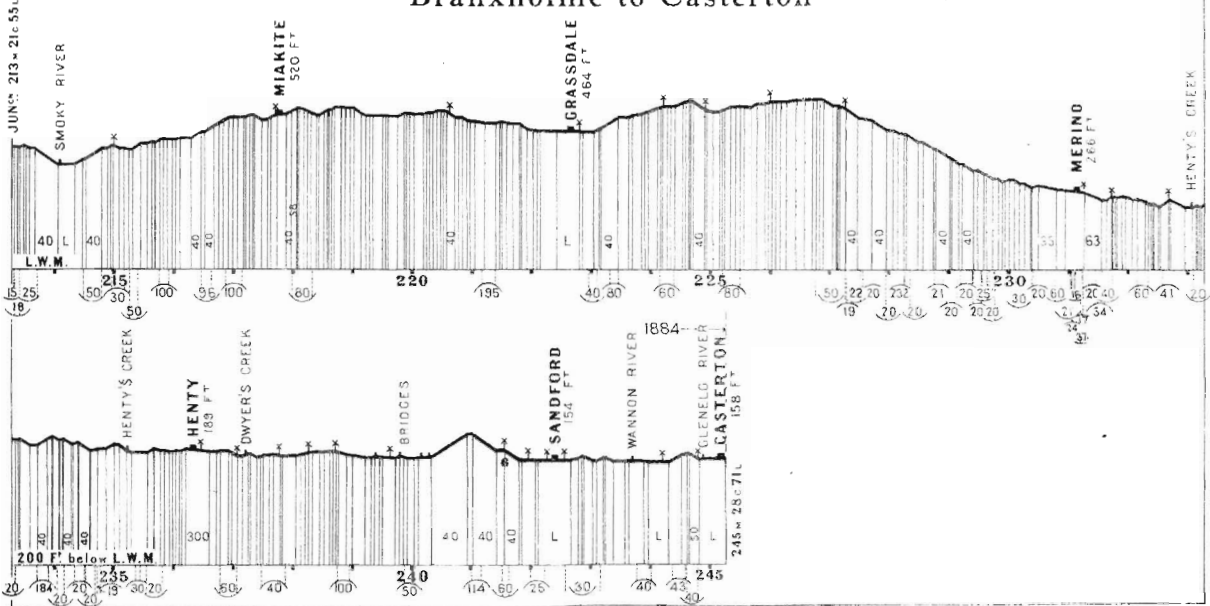


Hamilton to Coleraine



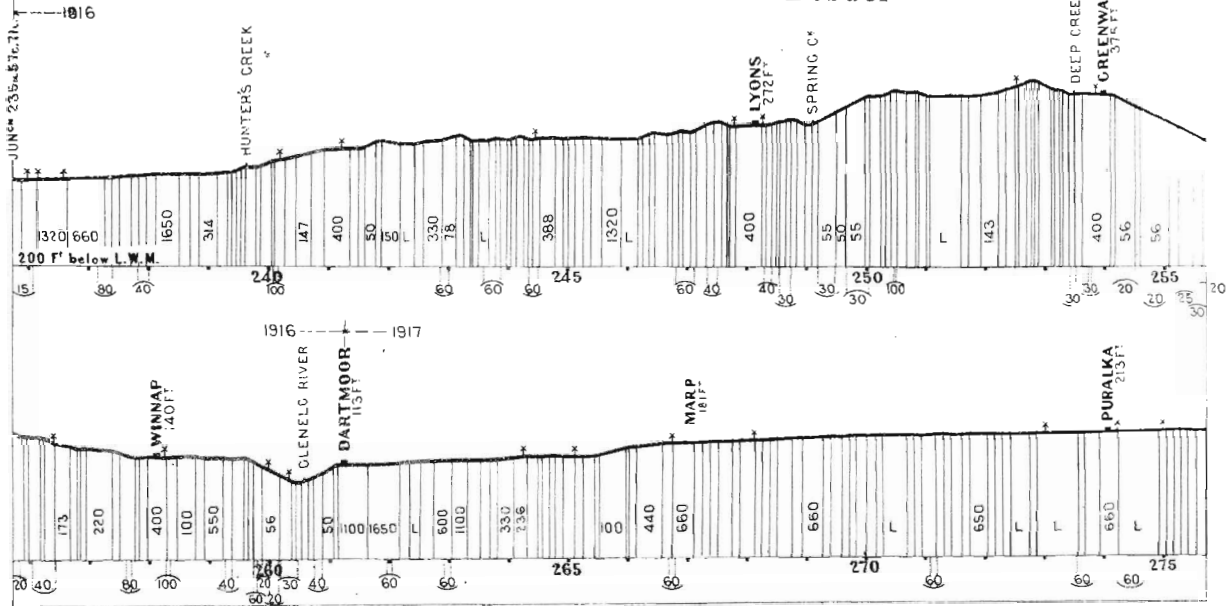
148
1884

Branhholme to Casterton



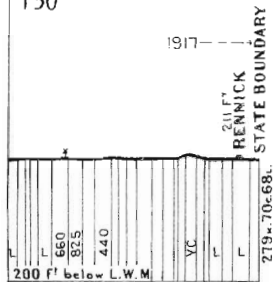
Heywood to South Australian Border

149



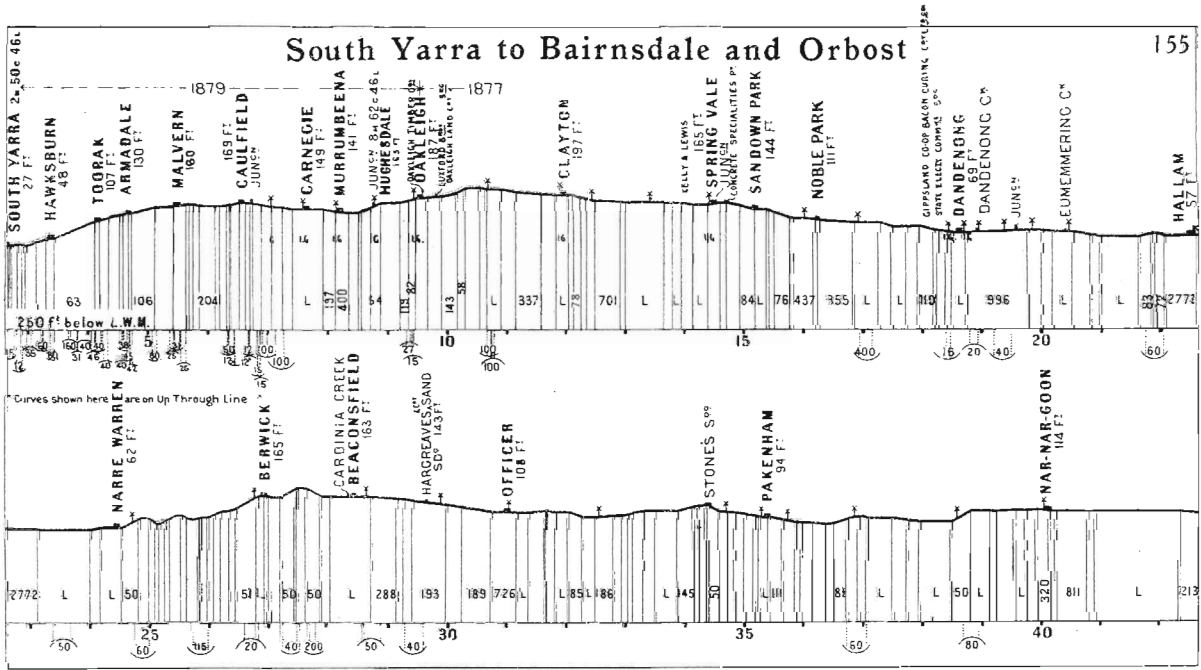
150

Heywood to South Australian Border

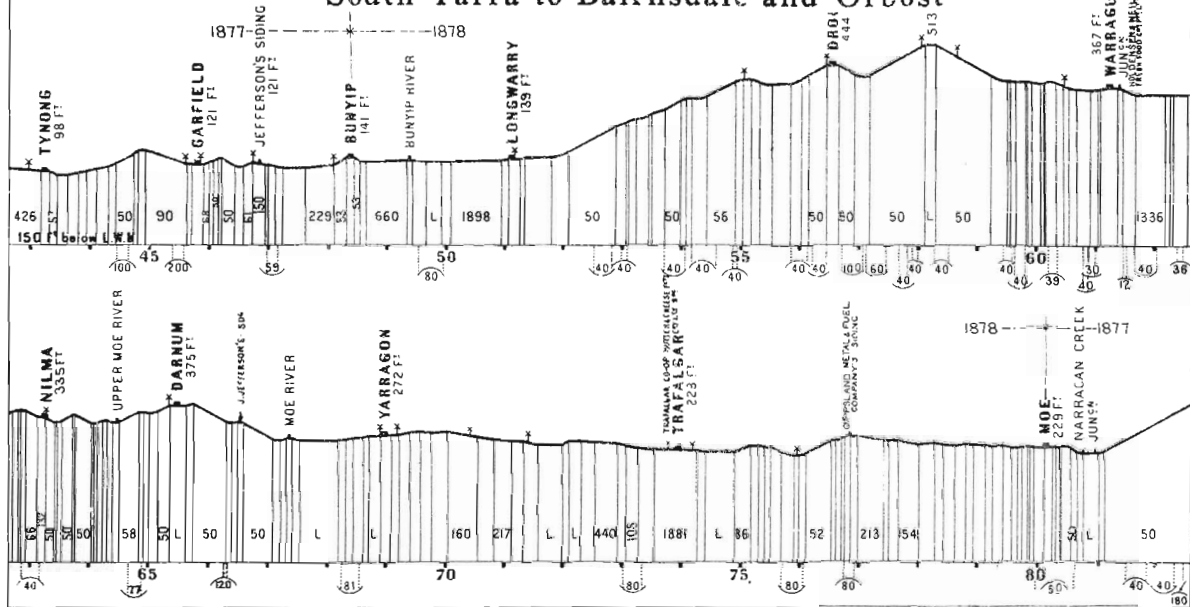


EASTERN DISTRICT.

South Yarra to Bairnsdale and Orbost

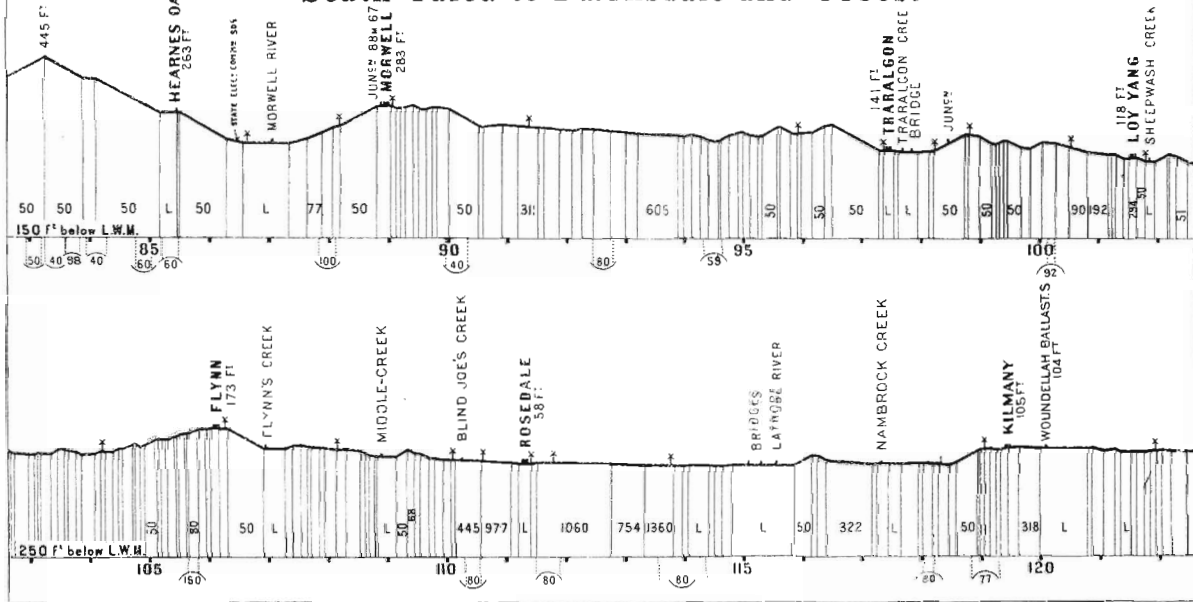


South Yarra to Bairnsdale and Orbost

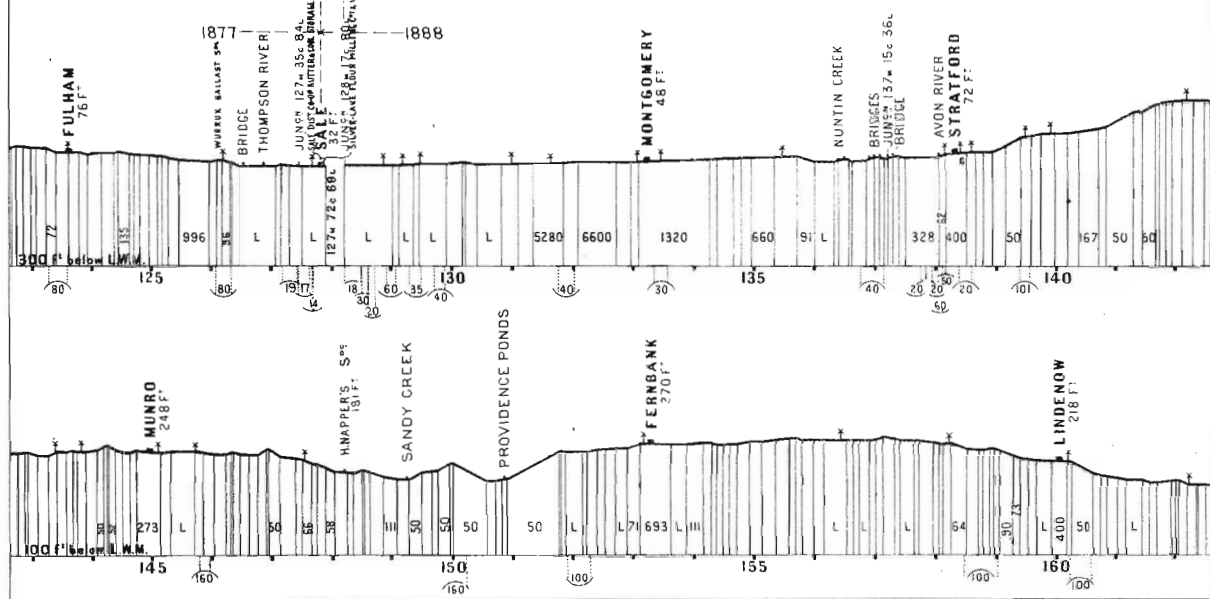


South Yarra to Bairnsdale and Orbost

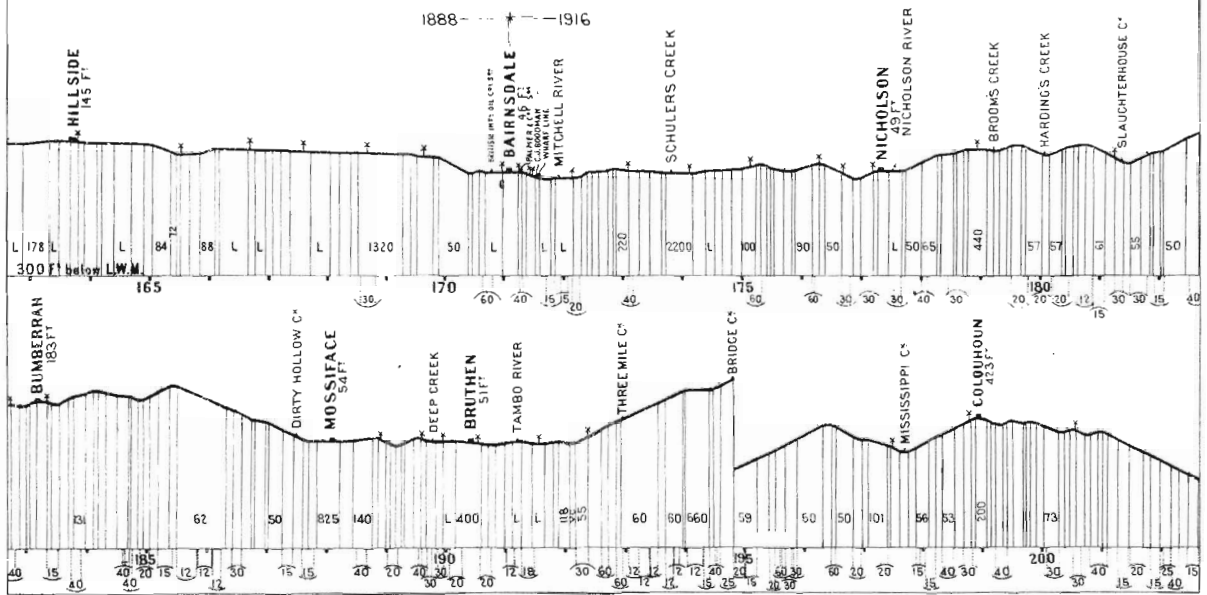
157



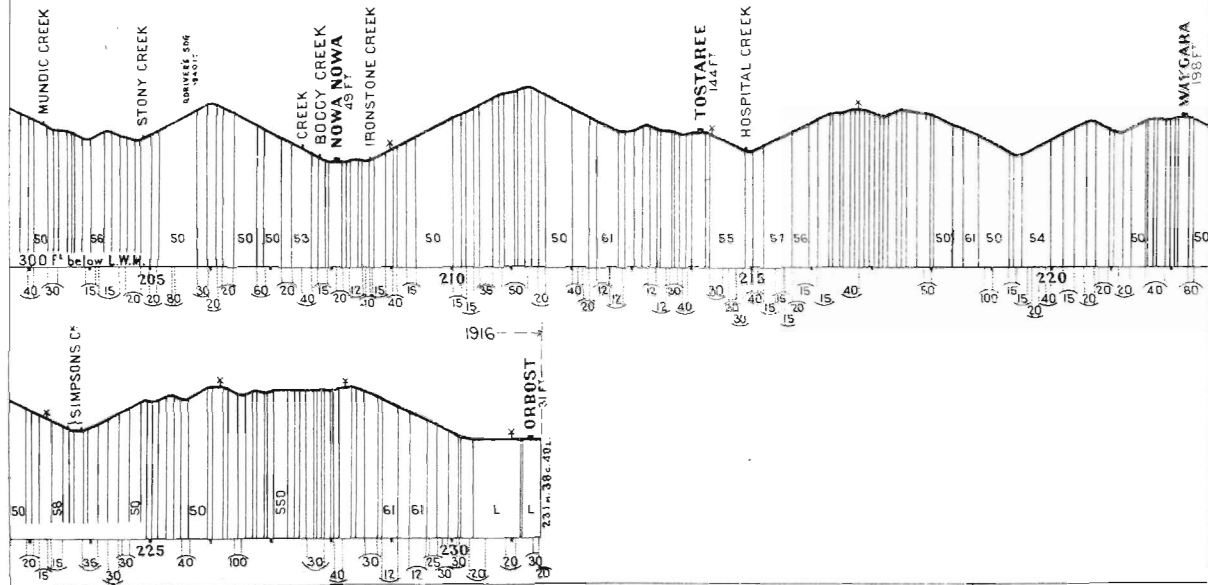
South Yarra to Bairnsdale and Orbost



South Yarra to Bairnsdale and Orbost

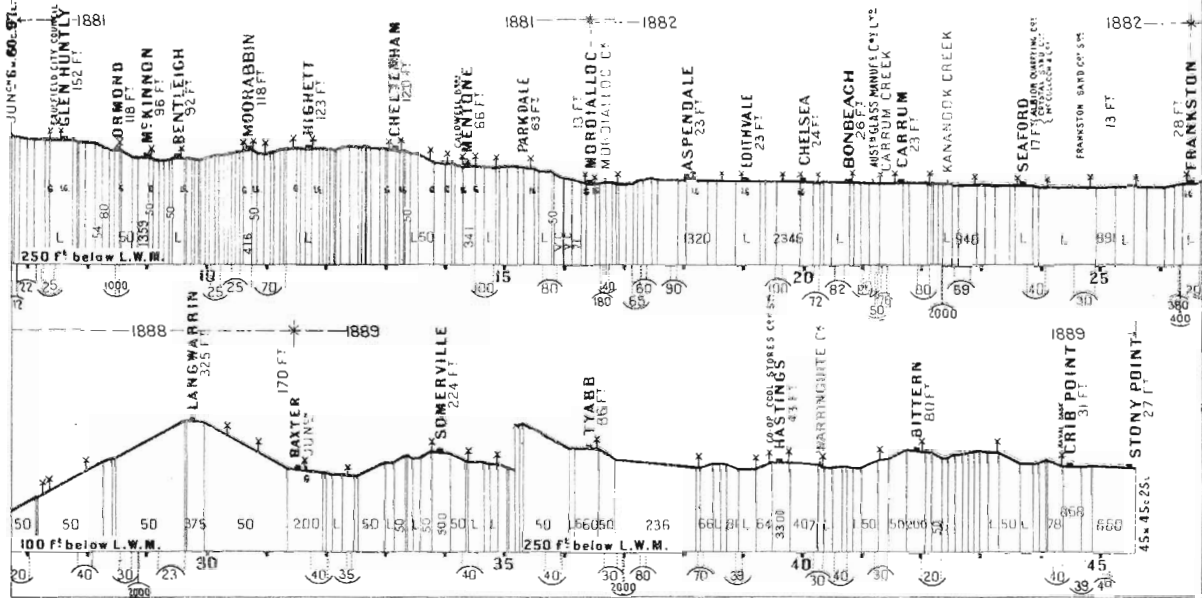


South Yarra to Bairnsdale and Orbost

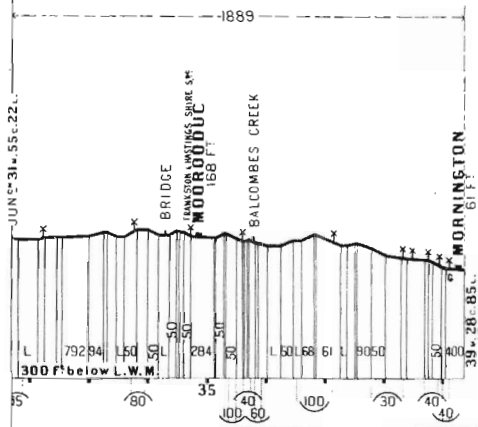


Caulfield to Stony Point

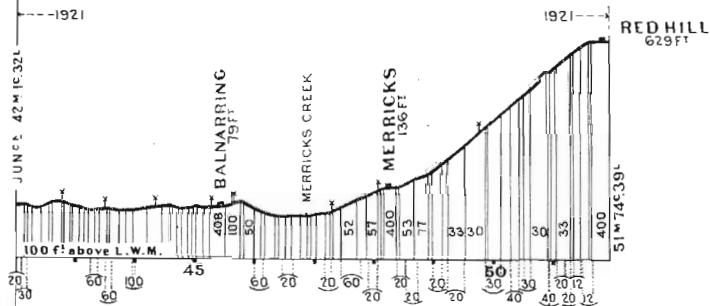
161



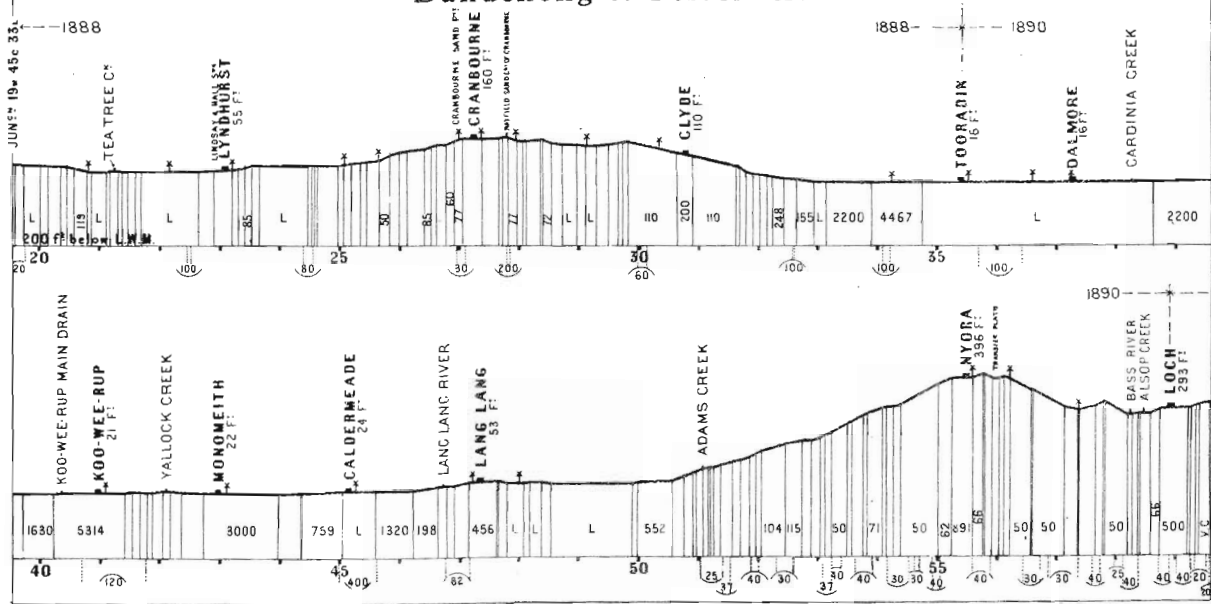
Baxter to Mornington



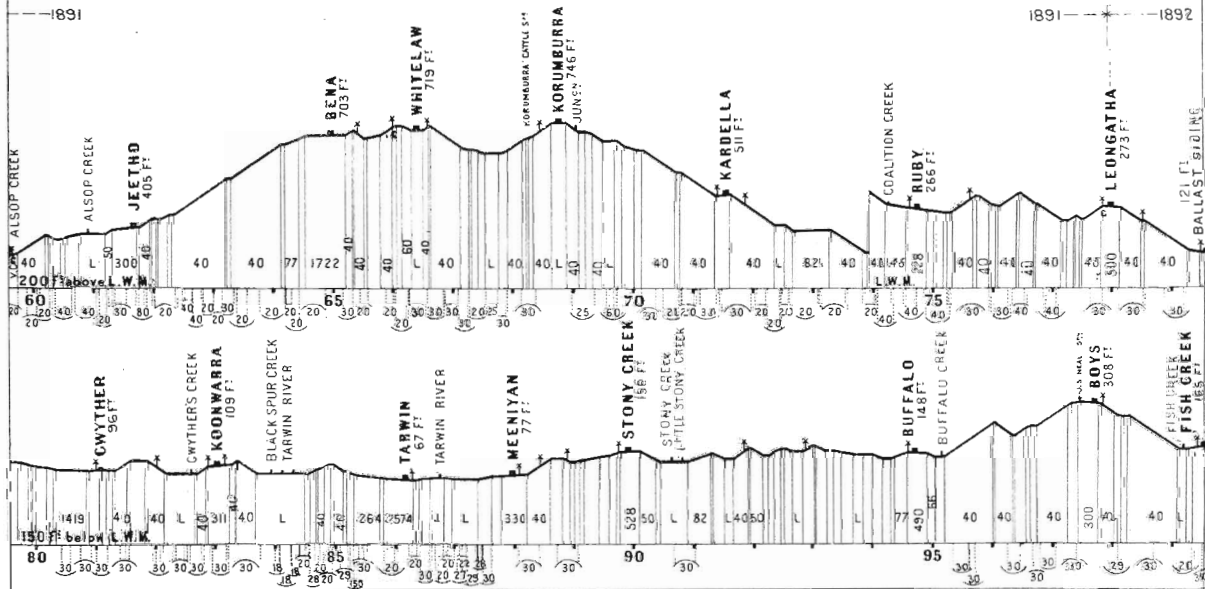
Bittern to Red Hill



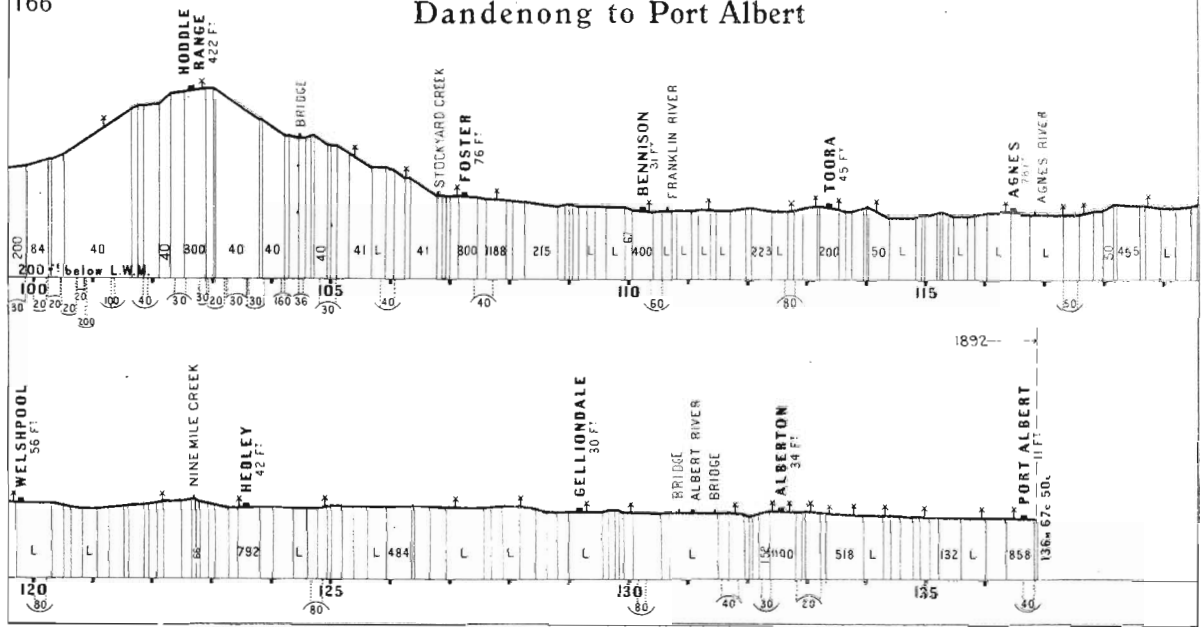
Dandenong to Port Albert



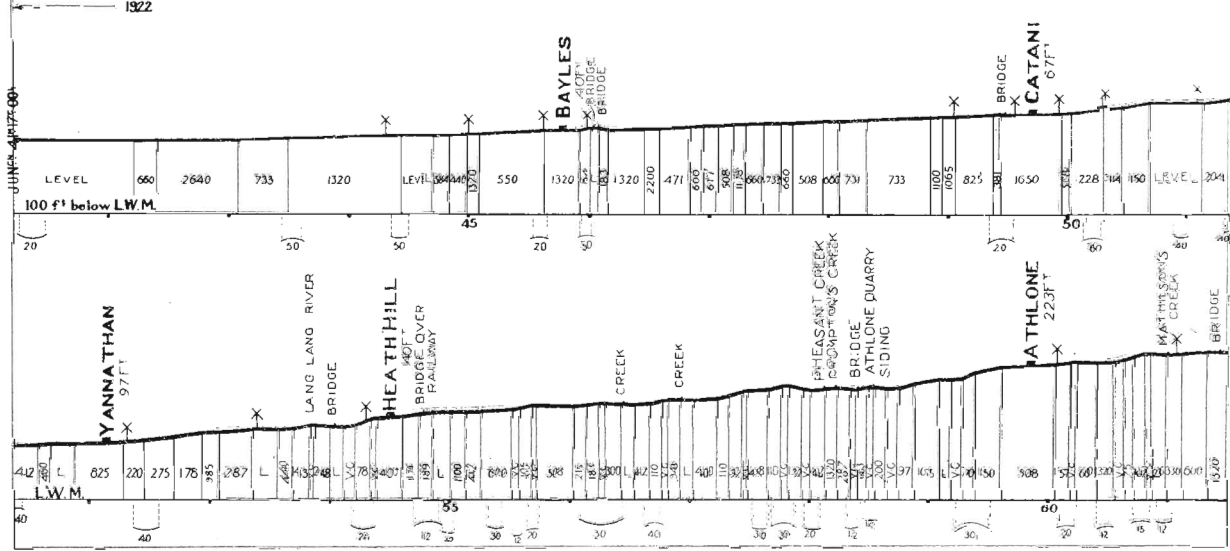
Dandenong to Port Albert



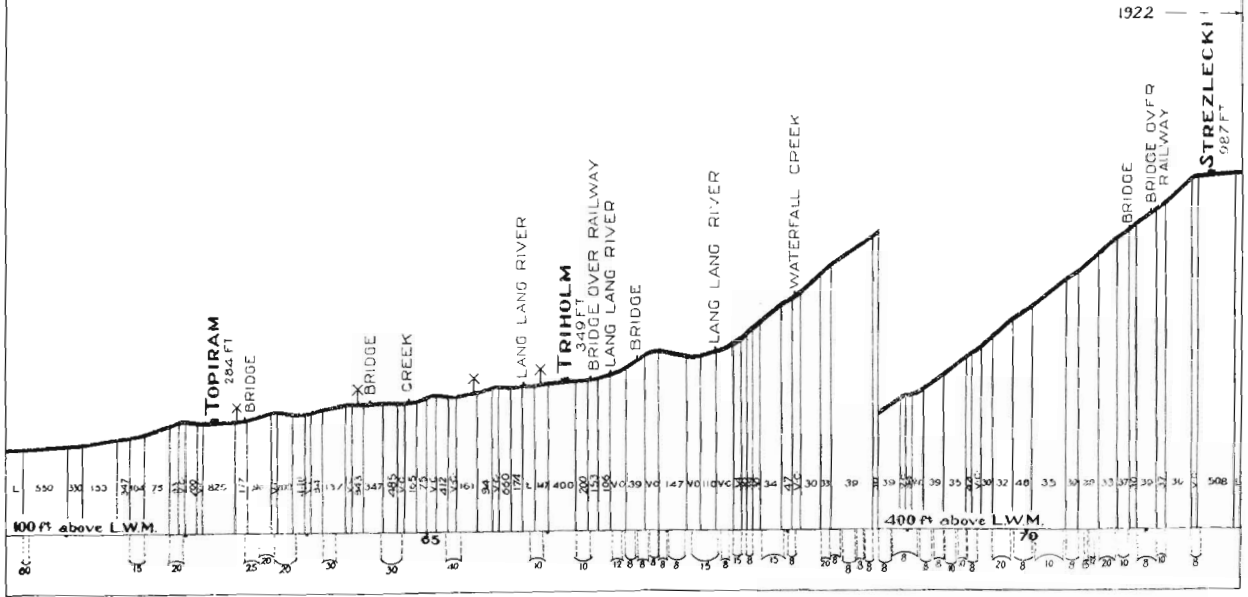
Dandenong to Port Albert



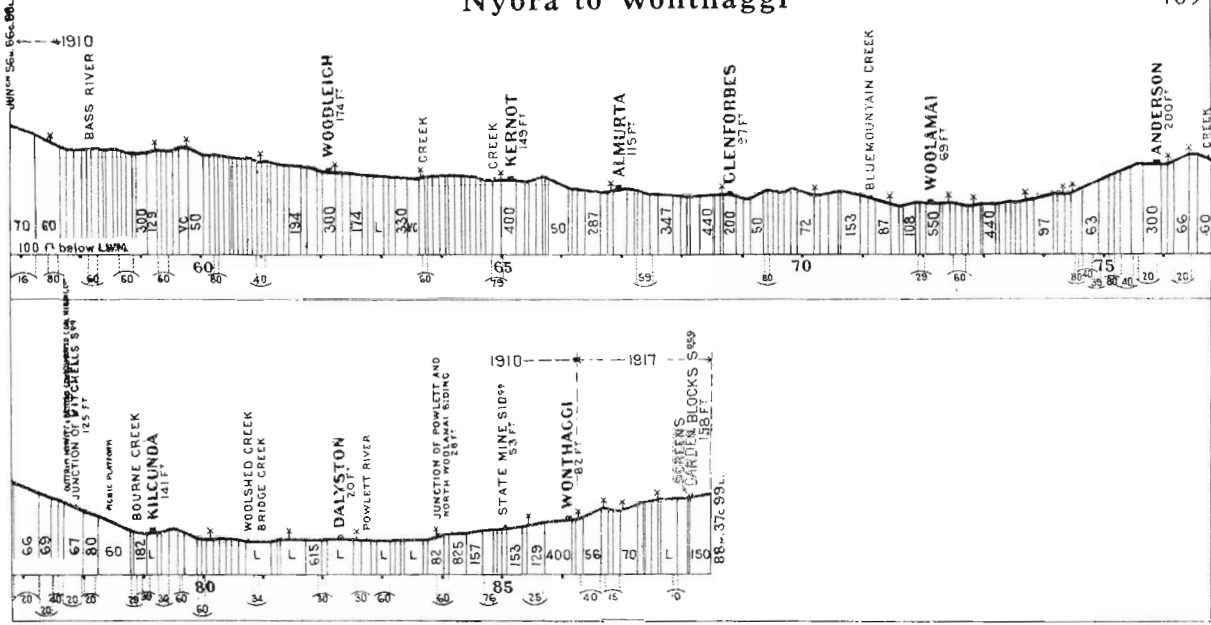
Koo-Wee-Rup to Strezlecki



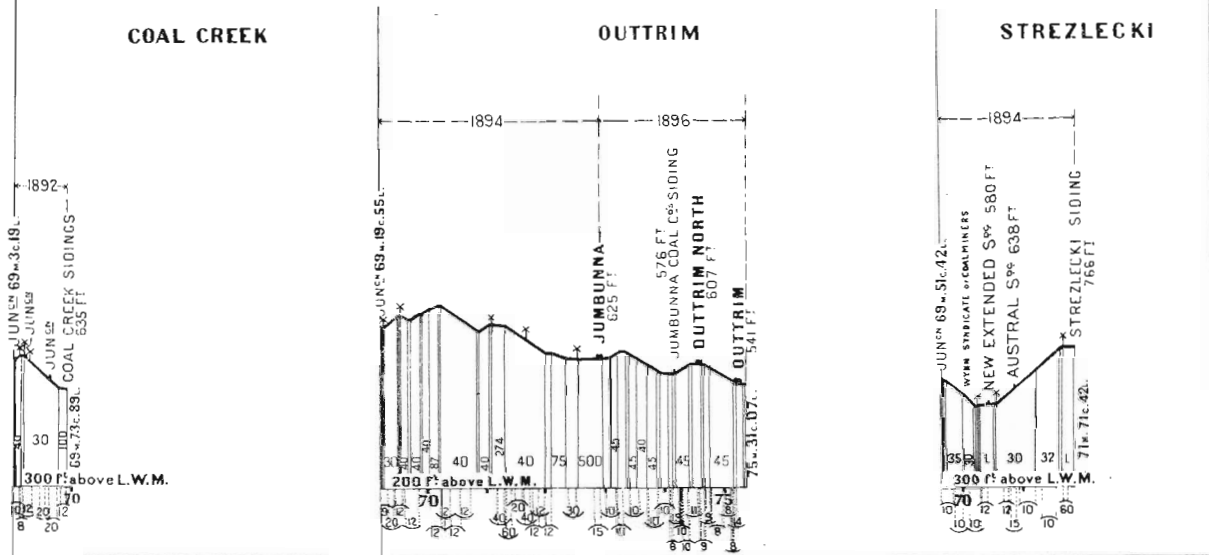
Koo-Wee-Rup to Strezlecki



Nyora to Wonthaggi

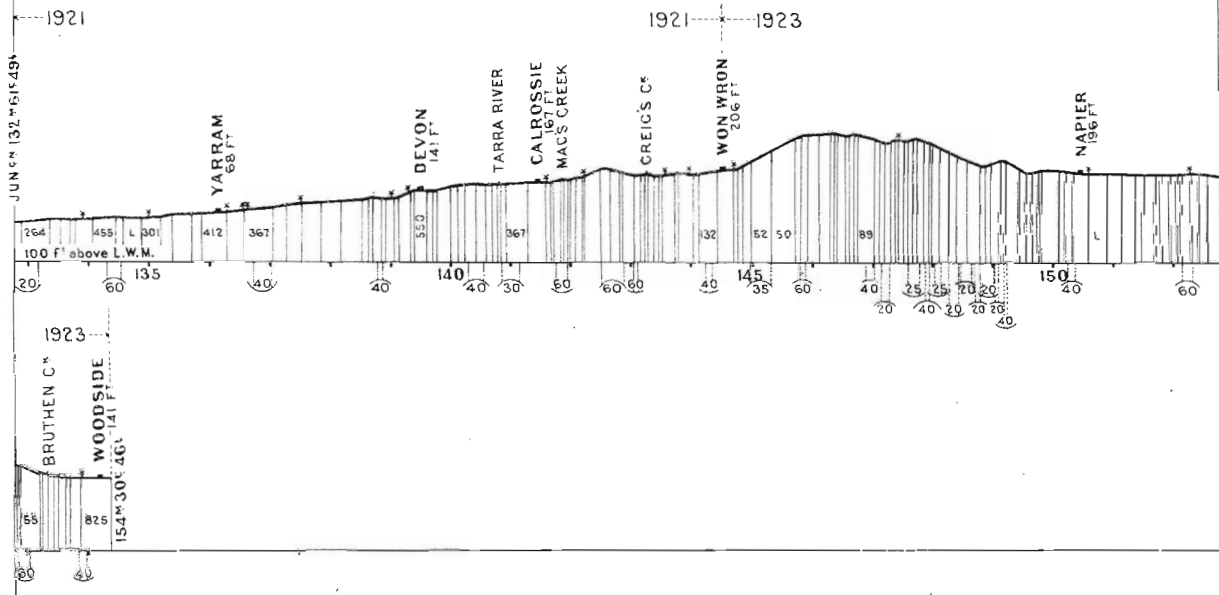


Korumburra to Coal Creek, Outtrim and Strezlecki

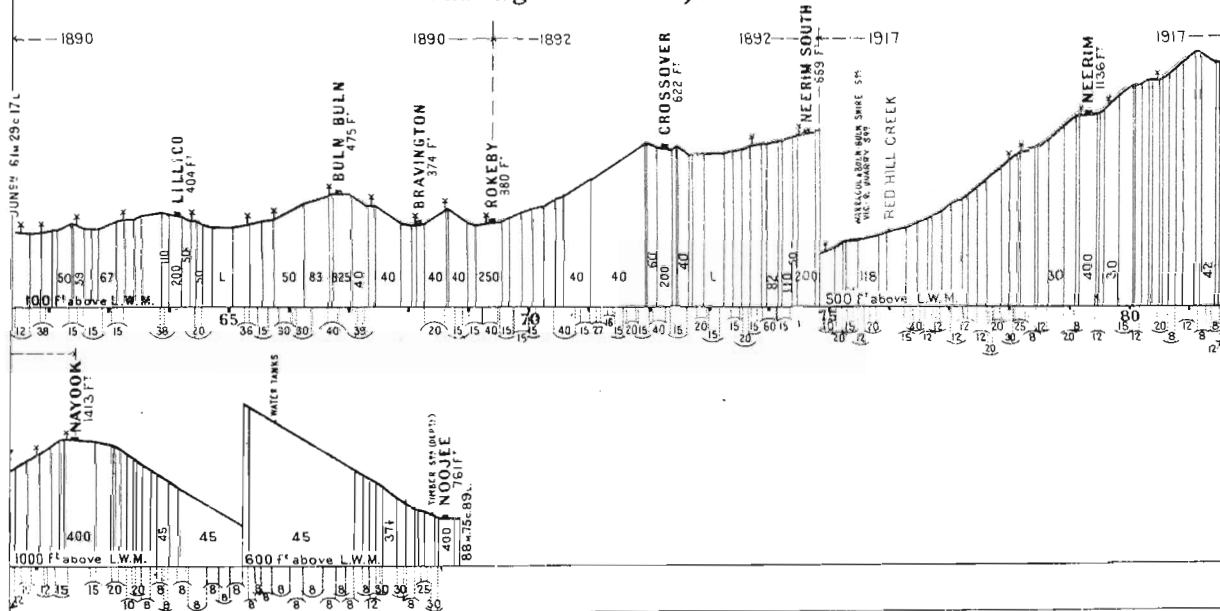


Alborton to Woodside

171



Warragul to Noojee



Moe to Walhalla

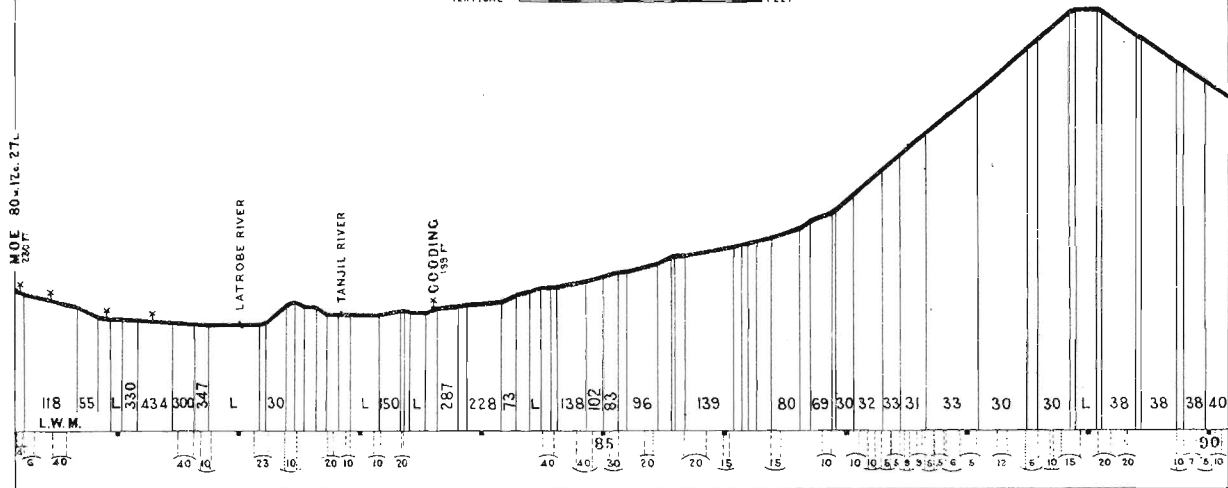
173

[2'6" GAUGE]

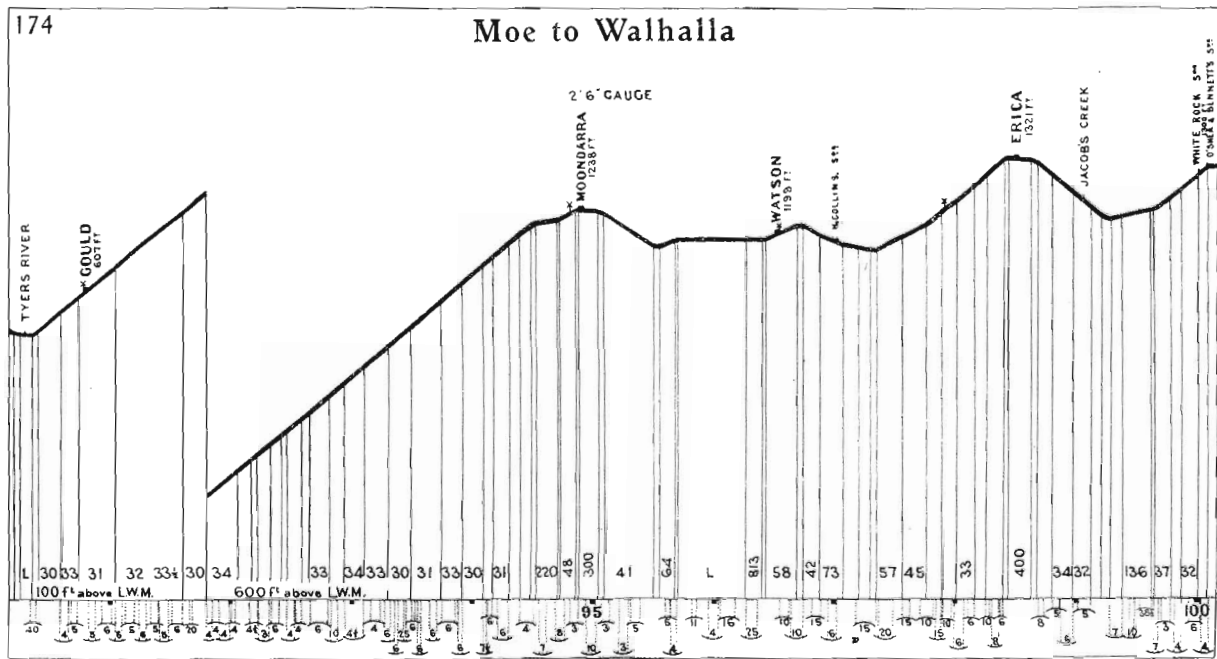


1910

M.O.E. 80 W. 12 c. 27 L.
2867 F.

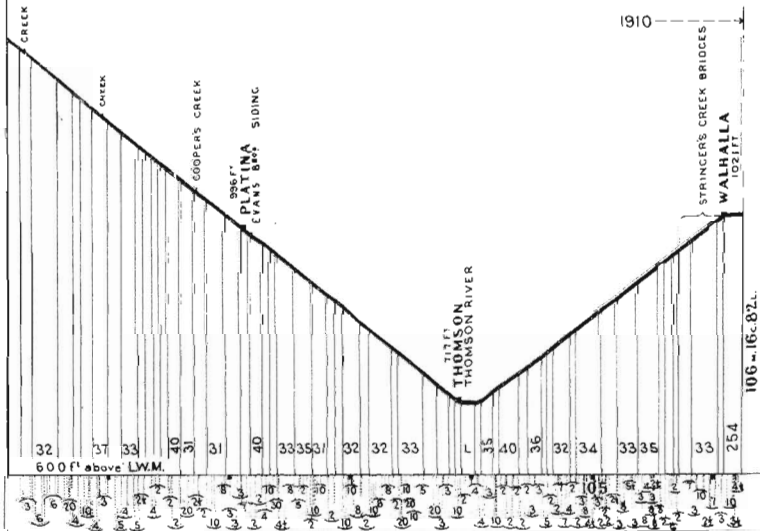


Moe to Walhalla

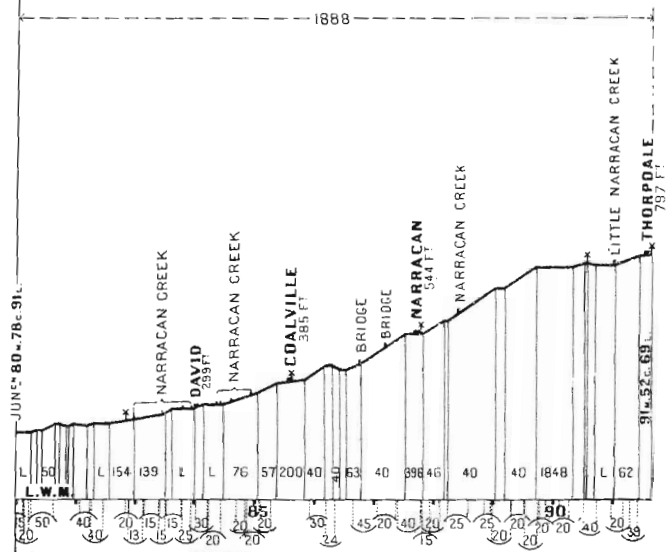


Moe to Walhalla

(2.6" GAUGE)

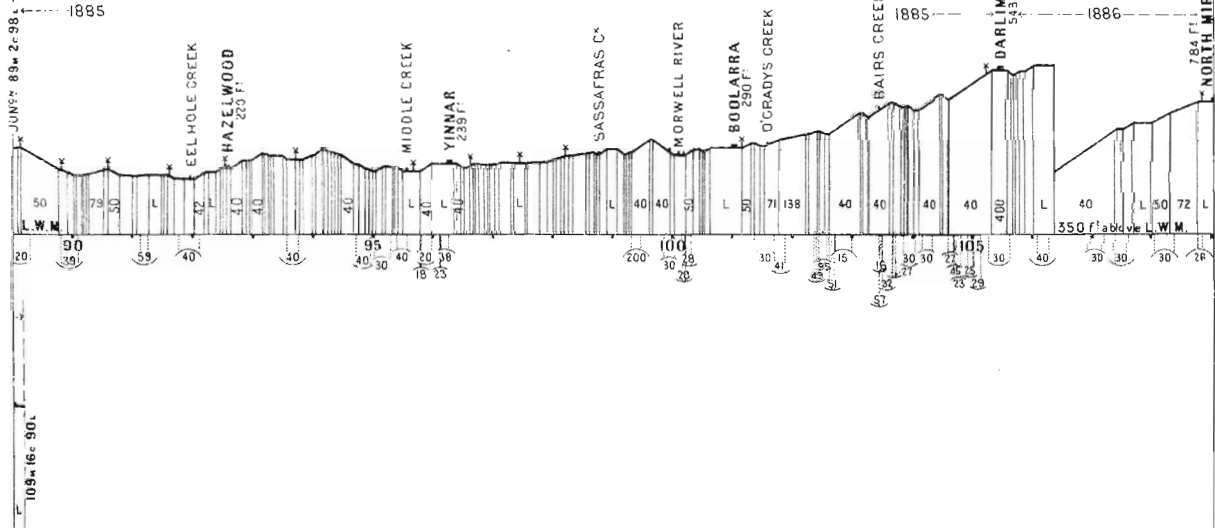


Moe to Thorpdale



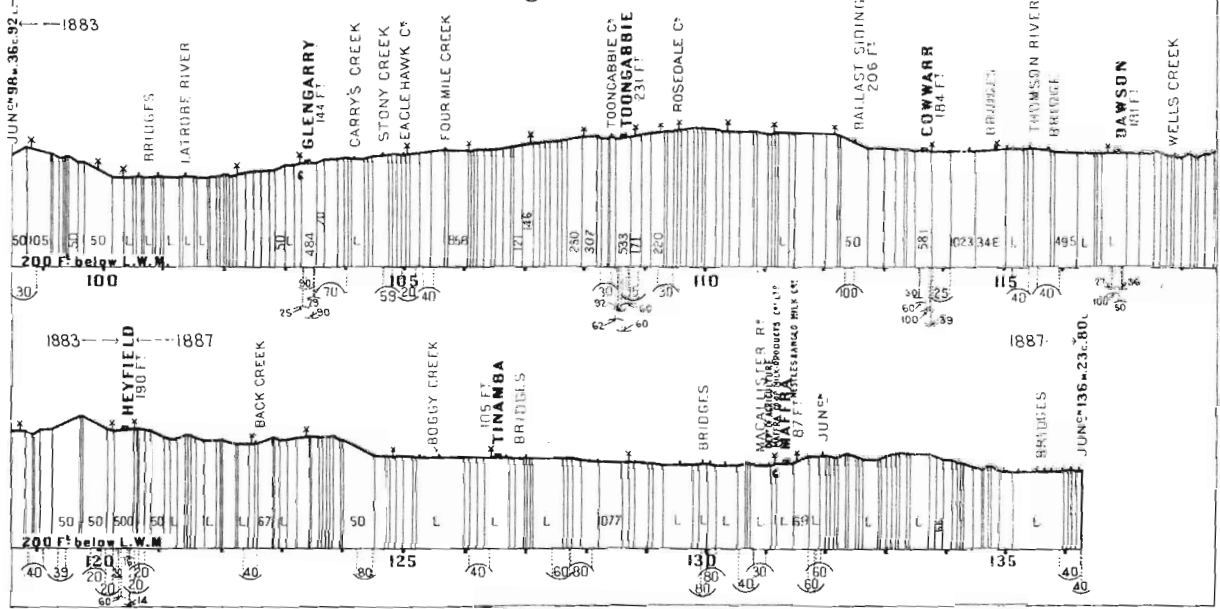
Morwell to North Mirboo

177



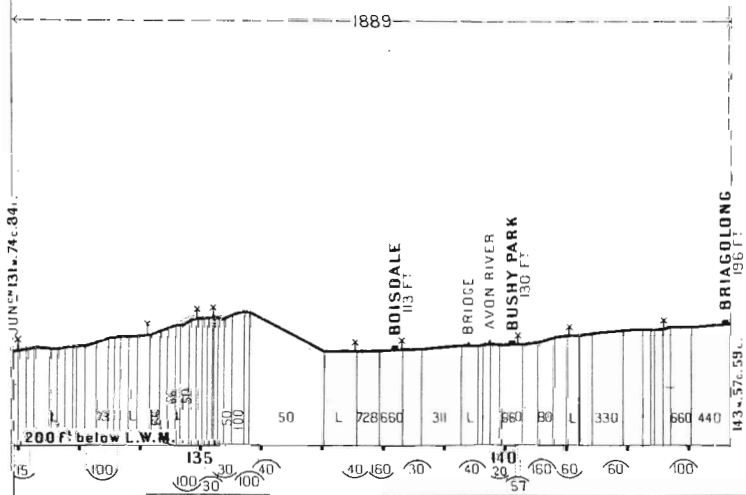
178

Traralgon to Stratford



Maffra to Briargolong

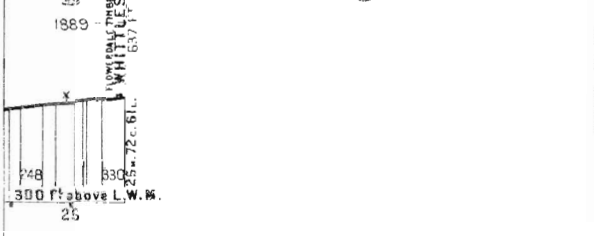
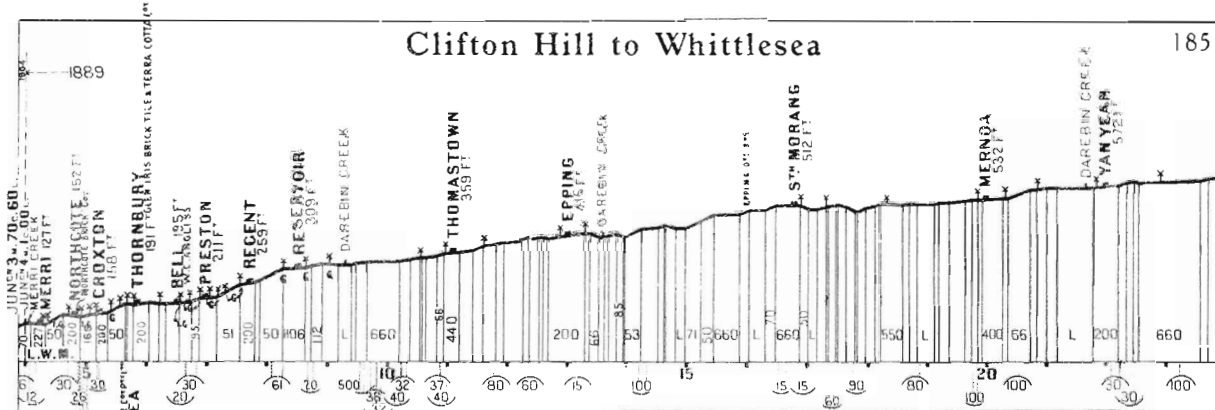
179



SUBURBAN AND MISCELLANEOUS.

Clifton Hill to Whittlesea

185

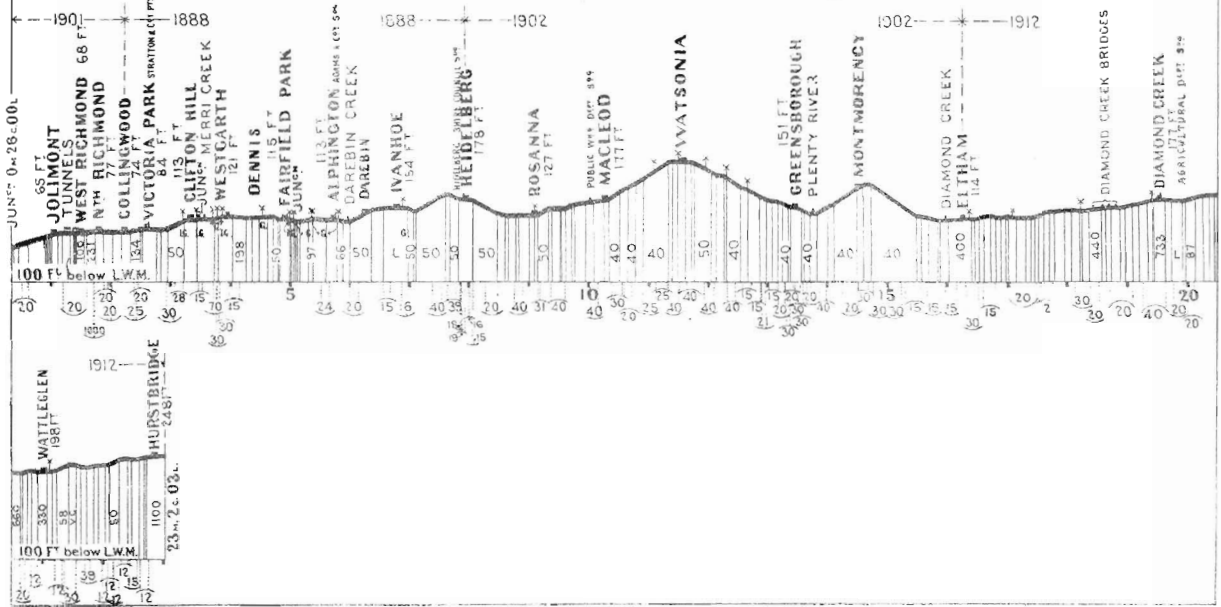


North Fitzroy to Northcote (LOOP LINE)

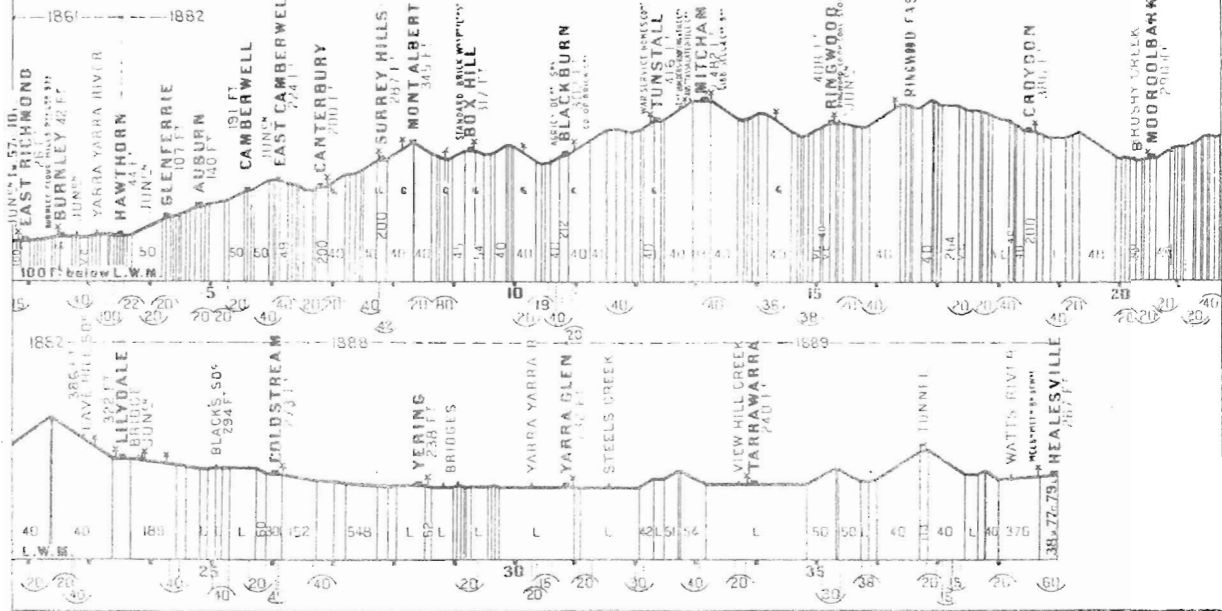
1889

(3)

Princes Bridge to Hurstbridge

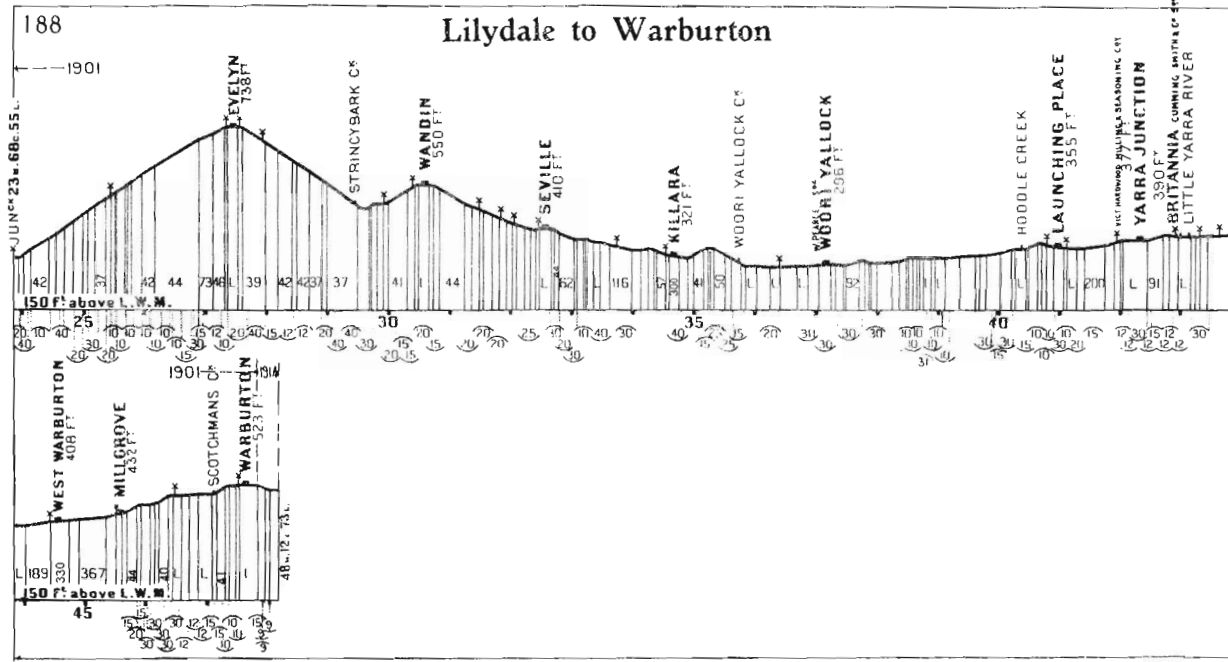


Richmond to Healesville

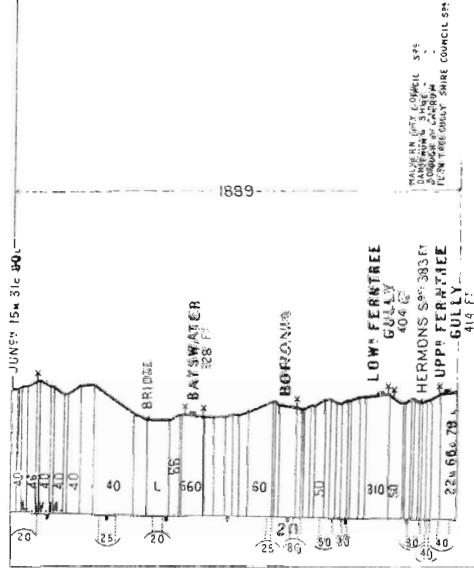


188

Lilydale to Warburton



Ringwood to Upper Ferntree Gully

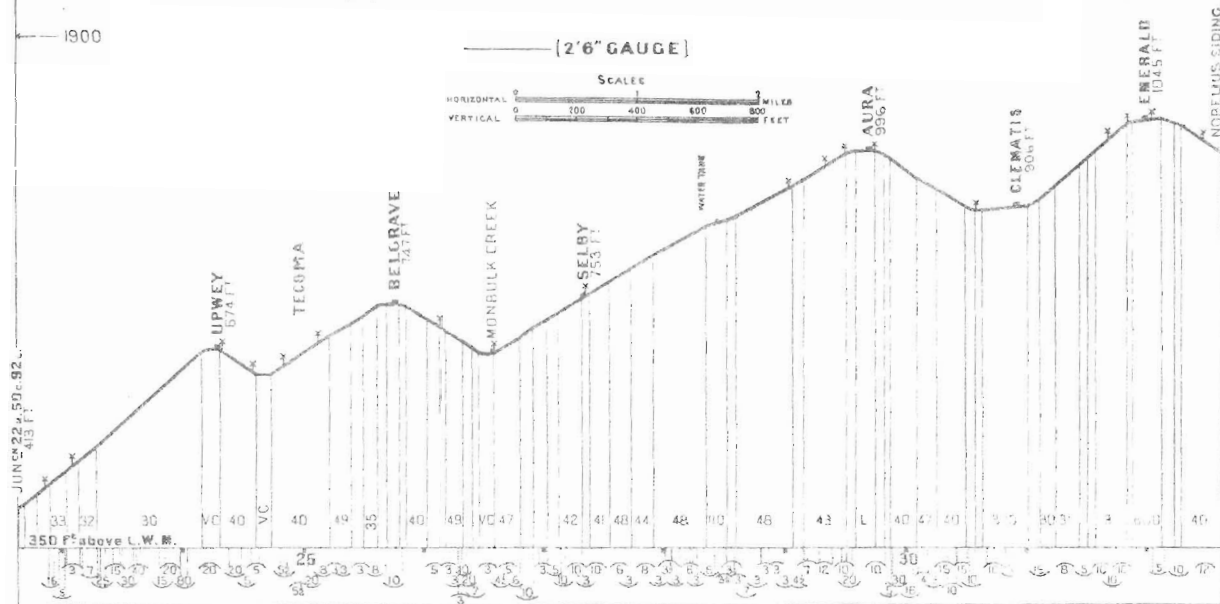


190

Upper Ferntree Gully to Gembrook

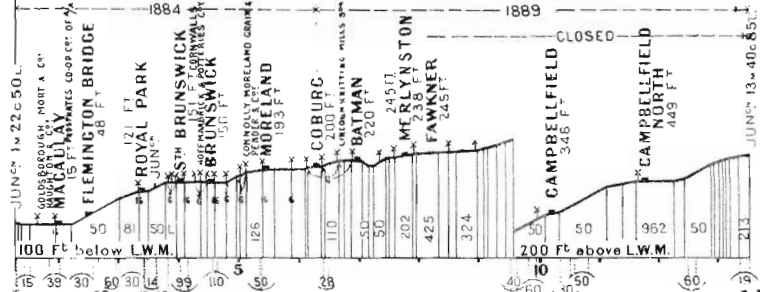
1900

(2'6" GAUGE)

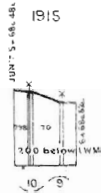


192

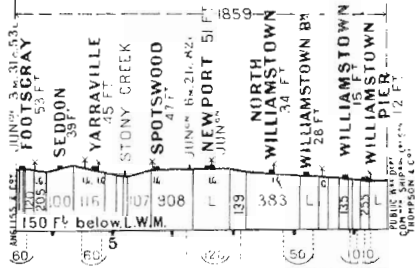
North Melbourne to Coburg and Somerton



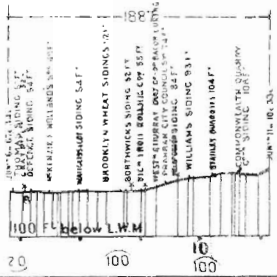
Spotswood to Power House



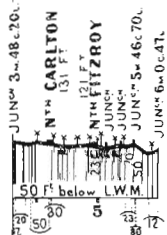
Footscray to Williamstown



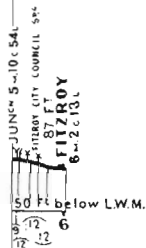
Newport to Sunshine



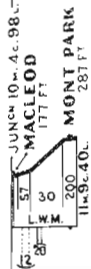
Royal Park to Clifton Hill

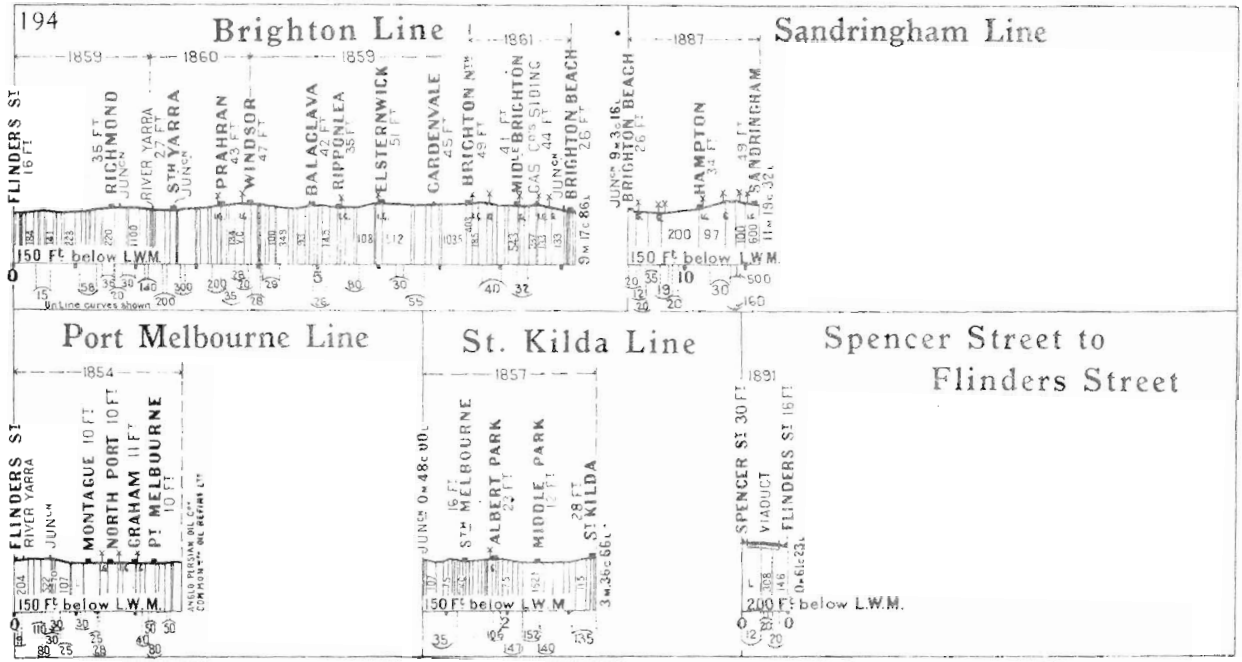


North Fitzroy to Fitzroy 193

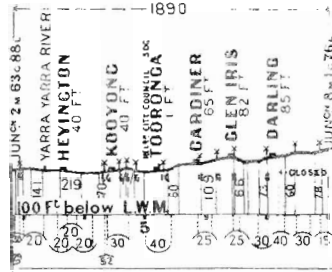


Mont Park Asylum Line



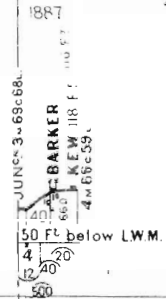


Burnley to Waverley Road

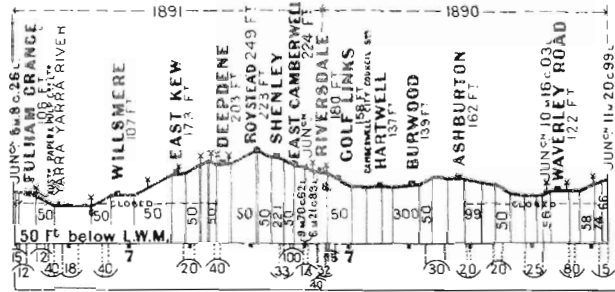


Hawthorn to Kew

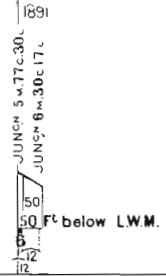
195



Outer Circle Line



Camberwell to Riversdale



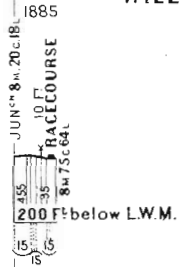
196

Racecourse Lines

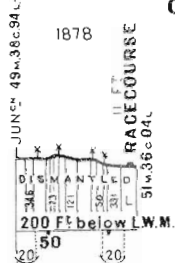
FLEMINGTON



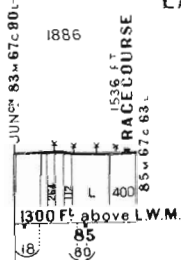
WILLIAMSTOWN



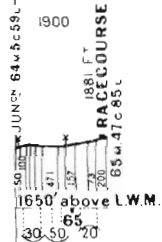
GEELONG



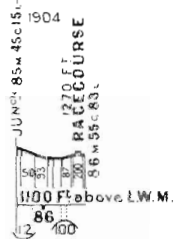
LAL LAL



BUNGAREE



BURRUMBEET PARK



Springvale Cemetery Line

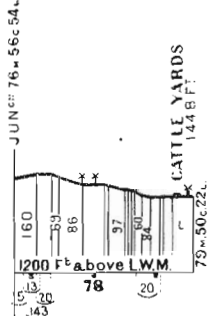
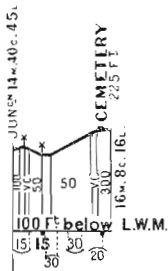
Ballarat
Cattle Yards Line

Bendigo
Cattle Yards Line

← 1904 →

← 1886 →

← 1894 →



By Authority: H. J. Green, Government Printer, Melbourne.