

EL CAPITAN
Pipe Line Survey
Levels & Cross Sections Nº 12

PASTS

FIELD BOOK

No. 385

W203

MICROFILMED
JAN 11 1965

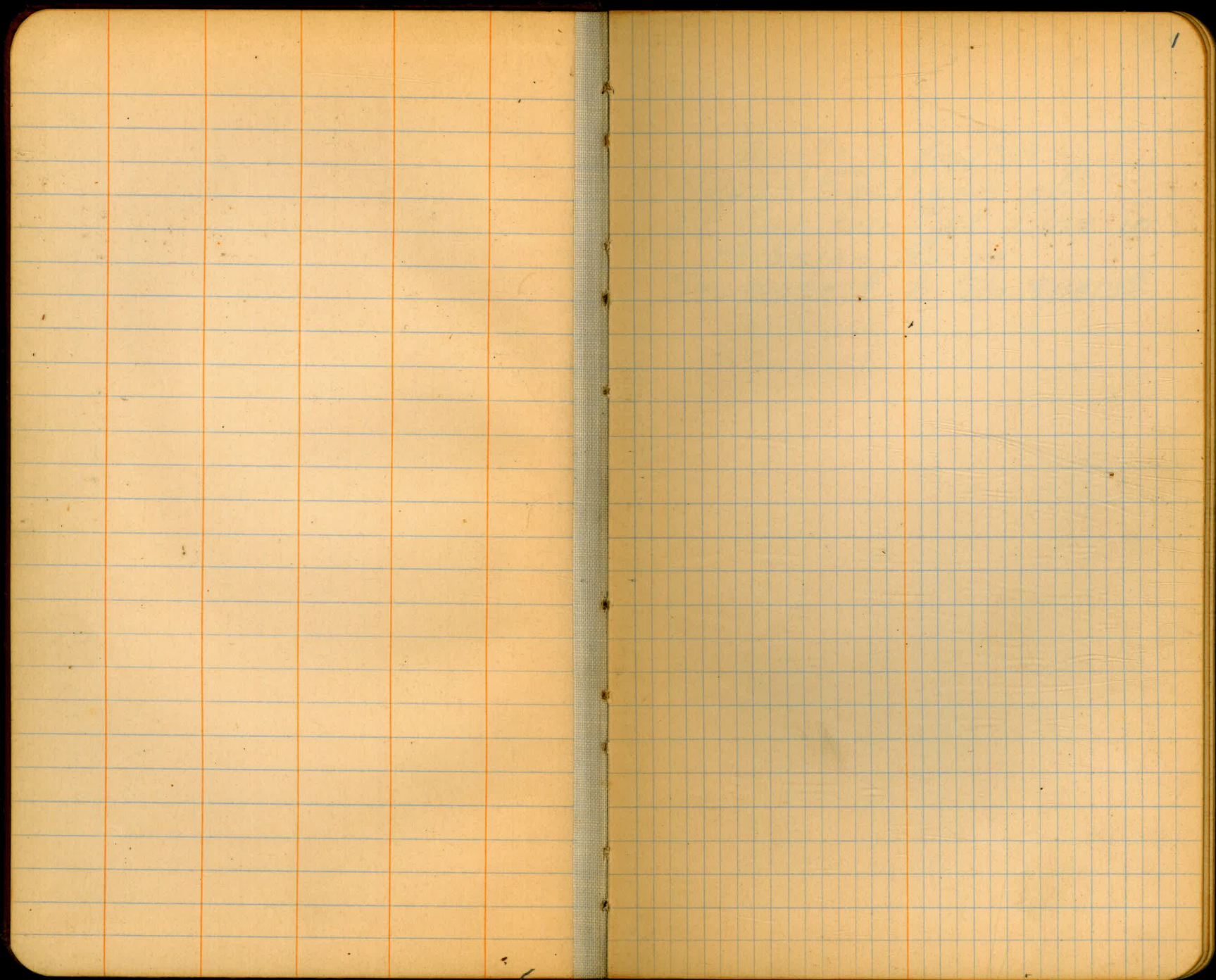
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Page #3 to Page #39.
Cross Sections of
El Capitan Pipe Line in
Mission Gorge.

Sta 810+07[±] to Sta. 911+13[±]

Converse - Inst.

Sept. 1926.

Sta.	+S.	H.I.	-S.	Elev.	Grade	Left.	C.C.	Right
B.M.#90.				290.46				
	10.49	300.95	2.21	298.74				
	6.09	304.83						
810+00				294.0				
811+67.8 E.C. 810+07.5 E.C.			5.3	299.5		$\frac{302.5}{25.0}$	$\frac{299.4}{11.0}$	$\frac{301.3}{11.5}$
810+25			5.5	299.3		$\frac{304.2}{25.0}$	$\frac{301.3}{13.0}$	$\frac{299.3}{10.0}$
+42.9 B.C.			5.6	299.2		$\frac{305.0}{25.0}$	$\frac{302.1}{12.0}$	$\frac{299.2}{8.5}$
+62.9			5.8	299.0		$\frac{307.9}{25.0}$	$\frac{302.4}{10.0}$	$\frac{298.8}{7.0}$
+82.9			6.0	298.8		$\frac{309.1}{25.0}$	$\frac{303.5}{8.0}$	$\frac{298.8}{5.5}$
811+02.9			6.1	298.7		$\frac{309.2}{25.0}$	$\frac{304.7}{7.0}$	$\frac{301.1}{7.5}$
+22.9			6.3	298.5		$\frac{309.7}{25.0}$	$\frac{304.0}{7.5}$	$\frac{298.5}{4.5}$

304.83 ✓

811+42.9

6.6

298.2 ✓

$\frac{309.4}{25.0}$ $\frac{304.6}{8.0}$ $\frac{297.7}{4.5}$

$\frac{299.0}{14.0}$ $\frac{293.0}{28.0}$

+62.9

7.6

297.2 ✓

$\frac{309.3}{25.0}$ $\frac{304.1}{6.5}$ $\frac{296.9}{3.0}$

$\frac{298.3}{14.0}$ $\frac{293.1}{25.0}$

+70.97 E.C.

7.8

297.0 ✓

$\frac{308.7}{25.0}$ $\frac{305.2}{10.5}$ $\frac{297.0}{2.5}$

$\frac{298.2}{15.0}$ $\frac{292.0}{26.5}$

T.P.

7.33

297.50 ✓

2.15

299.65 ✓

812+00

4.0

295.6 ✓
~~295.7~~

$\frac{308.4}{25.0}$ $\frac{302.6}{7.5}$ $\frac{295.2}{2.0}$

$\frac{296.8}{7.5}$ $\frac{296.8}{15.5}$ $\frac{292.5}{24.0}$

+25

4.7

294.9 ✓
~~295.0~~

$\frac{305.2}{25.0}$ $\frac{300.0}{7.0}$ $\frac{294.5}{2.5}$

$\frac{295.9}{7.5}$ $\frac{296.7}{15.0}$ $\frac{291.8}{22.5}$

+50

5.1

294.0 ✓
~~294.1~~

$\frac{302.4}{25.0}$ $\frac{299.2}{10.5}$ $\frac{293.6}{6.0}$

$\frac{294.8}{6.5}$ $\frac{294.8}{14.0}$ $\frac{292.2}{19.5}$

+75

6.1

293.0 ✓
~~293.1~~

$\frac{300.6}{25.0}$ $\frac{298.2}{15.5}$ $\frac{296.3}{12.0}$ $\frac{293.1}{8.5}$

$\frac{293.2}{15.0}$ $\frac{290.9}{19.0}$

813

6.9

292.8 ✓
~~292.9~~

$\frac{300.7}{25.0}$ $\frac{298.6}{19.0}$ $\frac{295.5}{10.5}$ $\frac{292.4}{9.0}$

$\frac{293.7}{15.5}$ $\frac{290.9}{22.0}$

299.65

813+25

7.6 292.⁰_x

⁷ 200.8 / 25.0 = 8
⁰ 296.8 / 11.5 = 26
² 291.8 / 8.0 = 37
⁸ 291.9 / 6.5 = 45

² 289.9
292.3 / 15.0 = 19
290.0 / 22.5 = 13

+50

8.3 291.³_x

³ 302.4 / 25.0 = 12
⁸ 295.8 / 11.5 = 26
⁵ 292.6 / 6.0 = 49
⁷ 290.8 / 5.0 = 58

⁶ 291.9 / 15.0 = 19
⁵ 289.8 / 21.0 = 14

+75

9.0 290.⁶_x

⁴ 303.5 / 25.0 = 12
⁷ 294.8 / 6.5 = 45
⁴ 290.5 / 2.5 = 116

⁶ 290.7 / 16.5 = 18
³ 288.0 / 24.0 = 12

814

9.6 290.⁰_x

⁶ 303.7 / 25.0 = 12
⁷ 294.8 / 8.0 = 37
^{289.9} 290.0 / 6.0 = 48
⁴ 289.5 / 3.0 = 97

¹ 290.1 / 14.0 = 21
⁷ 288.8 / 20.5 = 14

+25

10.3 289.³_x

^{301.9} 301.9 / 25.0 = 12
⁰ 290.1 / 5.0 = 58
^{288.9} 289.0 / 3.5 = 83

⁶ 289.7 / 15.0 = 19
¹ 288.2 / 20.5 = 14

+50

11.0 288.⁶_x

³ 302.4 / 25.0 = 12
³ 295.4 / 12.0 = 25
⁶ 290.7 / 4.0 = 73
⁶ 288.7 / 3.0 = 96

⁷ 288.8 / 15.0 = 19
⁰ 287.6 / 19.0 = 15

+75

11.6 288.⁰_x

² 304.8 / 25.0 = 12
² 295.3 / 8.0 = 37
² 290.3 / 6.0 = 48
⁴ 288.5 / 4.0 = 72

⁰ 288.1 / 16.0 = 18
¹ 287.2 / 19.0 = 15

815+00

11.7 287.⁹_x
288._x

³ 301.4 / 25.0 = 12
² 295.8 / 12.0 = 25
⁵ 292.6 / 8.5 = 34
³ 289.4 / 8.5 = 34
⁶ 287.7 / 1.5 = 192

⁷ 287.8 / 17.0 = 17
^{285.9} 286.0 / 20.5 = 14

299.65

815+25

12.3 287.4³

⁵303.4³ ⁰292.4⁷ ⁷287.8⁷
25.0 17.0 5.0 1.5

287.8 285.8
17.0 19.5

+50

12.1 287.6⁵

⁷304.8⁰ ⁵296.1⁵ ⁵291.6⁵ ⁵287.6⁵
25.0 10.0 2.3 1.0

287.6 285.6
19.0 20.5

+66.3 B.C.

12.3 287.4³

⁵304.6⁴ ⁵296.5⁸ ⁵291.6⁸ ⁸287.9⁸
25.0 4.5 4.3 1.5

287.9 285.4³
19.0 20.0

T.P. 5.74 293.68

11.71 287.94

⁵307.2⁷ ⁷301.7⁰ ⁵295.8⁵ ⁸293.6⁸ ⁸288.3⁸
25.0 15.0 10.0 5.0 2.8

287.9 284.6
16.0 19.0

+91.3

6.5 287.7

816+16³

6.3 287.4

⁵305.0⁷ ⁷298.7⁰ ⁵293.2⁵ ⁸291.1⁸ ⁸287.4⁸
25.0 15.0 10.5 5.0 1.0

288.1 285.3
17.0 20.0

+32.9⁹ E.C.

6.0 287.7

⁵305.7⁷ ⁷300.6⁰ ⁵295.1⁵ ⁸292.1⁸ ⁸287.7⁸
25.0 17.0 17.0 5.4 2.0

288.3 285.6
16.5 19.5

+50

5.8 287.9

⁵306.9⁷ ⁷296.7⁰ ⁵287.9⁵
25.0 5.0 1.5

288.5 284.6
15.0 27.5

+75

5.7 288.0

⁵307.6⁷ ⁷304.0⁰ ⁵300.1⁵ ⁸298.6⁸ ⁸294.0⁸ ⁸287.6⁸
25.0 19.0 16.0 12.0 5.5 1.0

288.4 285.4
13.5 20.5

817

5.8 287.9

⁵304.3⁷ ⁷300.9⁰ ⁵296.1⁵ ⁸290.7⁸ ⁸287.7⁸
25.0 21.0 17.5 6.0 2.0

288.2 284.6
16.0 22.0

+25

5.5 288.2

⁵306.0⁷ ⁷300.0⁰ ⁵295.6⁵ ⁸288.0⁸
25.0 13.5 6.5 2.0

288.6 285.9
16.0 23.5

+47⁹ A

5.3 288.4

⁵306.7⁷ ⁷297.1⁰ ⁵288.2⁵
25.0 7.0 2.5

288.8 286.9
16.0 22.0

+75

5.3 288.4

⁵306.6⁷ ⁷297.0⁰ ⁵288.3⁵
25.0 7.5 1.5

289.0 286.9
16.0 22.0

293.68

818			4.9	288.8 ✓
+25			4.4	289.3 ✓
+50			4.0	289.7 ✓
+75			3.8	289.9 ✓
819			3.9	289.8 ✓
+25			4.0	289.7 ✓
+50			4.1	289.6 ✓
+75			4.3	289.4 ✓
820			4.5	289.2 ✓
T.P.	10.71	300.07	4.32	289.36 ✓
+25			11.0	289.1 ✓
+50			10.8	289.3 ✓
+75			10.7	289.4 ✓
821			10.3	289.8 ✓

$\frac{306.1}{25.0}$	$\frac{294.8}{4.0}$	$\frac{288.8}{1.0}$	$\frac{289.2}{13.5}$	$\frac{287.4}{21.8}$
$\frac{304.3}{25.0}$	$\frac{291.7}{19.0}$	$\frac{288.6}{15.0}$	$\frac{293.9}{6.0}$	$\frac{289.2}{2.0}$
$\frac{305.0}{25.0}$	$\frac{297.4}{9.0}$	$\frac{292.0}{4.5}$	$\frac{289.5}{3.0}$	$\frac{289.7}{12.0}$
$\frac{305.8}{25.0}$	$\frac{299.4}{12.0}$	$\frac{289.7}{4.5}$	$\frac{289.7}{11.5}$	$\frac{286.8}{17.0}$
$\frac{304.2}{25.0}$	$\frac{297.8}{10.5}$	$\frac{290.1}{7.0}$	$\frac{289.7}{5.5}$	$\frac{289.8}{9.0}$
$\frac{304.0}{25.0}$	$\frac{297.3}{11.8}$	$\frac{291.5}{8.5}$	$\frac{289.6}{6.0}$	$\frac{289.7}{8.5}$
$\frac{304.4}{25.0}$	$\frac{297.0}{11.5}$	$\frac{293.7}{9.0}$	$\frac{291.0}{5.0}$	$\frac{289.4}{4.5}$
$\frac{306.1}{25.0}$	$\frac{298.6}{10.3}$	$\frac{292.7}{8.5}$	$\frac{289.1}{3.5}$	$\frac{289.5}{10.0}$
$\frac{303.7}{25.0}$	$\frac{295.0}{7.5}$	$\frac{289.1}{3.5}$	$\frac{289.4}{11.5}$	$\frac{286.7}{18.0}$
$\frac{302.4}{25.0}$	$\frac{293.4}{7.0}$	$\frac{288.5}{3.0}$	$\frac{289.3}{12.5}$	$\frac{287.1}{17.0}$
$\frac{299.0}{25.0}$	$\frac{293.4}{9.5}$	$\frac{289.0}{5.0}$	$\frac{289.4}{12.0}$	$\frac{287.3}{17.0}$
$\frac{300.2}{25.0}$	$\frac{293.4}{7.5}$	$\frac{289.0}{4.3}$	$\frac{289.4}{9.0}$	$\frac{287.4}{20.0}$
$\frac{300.9}{25.0}$	$\frac{295.7}{11.0}$	$\frac{289.6}{2.5}$	$\frac{289.9}{12.0}$	$\frac{288.0}{17.0}$

300.07

821+25	10.1	290.0	
+50	10.0	290.1	
+75	9.6	290.5	
822	9.2	290.9	
+25	8.7	291.4	
+50	8.1	292.0	
+75	7.5	292.6	
823	6.5	293.6	
+25	5.6	294.5	
+51 ²⁹ B.C.	5.0	295.1	
+71 ⁸	4.6	295.5	
+91 ⁸	4.1	296.0	
824+10 ²⁶ E.C.	3.7	296.4	
	0.66	299.41	B.M. #91

$\frac{302.5}{25.0}$	$\frac{297.5}{8.5}$	$\frac{292.9}{3.5}$	$\frac{290.0}{2.0}$	$\frac{290.4}{14.5}$	$\frac{288.5}{18.5}$
$\frac{302.1}{25.0}$	$\frac{295.4}{6.5}$	$\frac{289.9}{1.0}$		$\frac{290.8}{15.0}$	$\frac{289.2}{19.5}$
$\frac{301.9}{25.0}$	$\frac{295.8}{7.0}$	$\frac{290.5}{1.5}$		$\frac{291.1}{15.5}$	$\frac{290.3}{21.0}$
$\frac{300.2}{25.0}$	$\frac{293.5}{4.5}$	$\frac{291.0}{3.0}$		$\frac{291.4}{15.5}$	$\frac{289.7}{22.0}$
$\frac{299.4}{25.0}$	$\frac{296.6}{13.0}$	$\frac{293.1}{4.5}$	$\frac{291.2}{2.5}$	$\frac{291.4}{20.0}$	$\frac{290.0}{23.5}$
$\frac{300.8}{25.0}$	$\frac{295.8}{11.3}$	$\frac{293.0}{4.5}$	$\frac{291.6}{3.0}$	$\frac{292.0}{17.0}$	$\frac{290.2}{23.5}$
$\frac{300.2}{25.0}$	$\frac{295.6}{5.0}$	$\frac{292.3}{2.0}$		$\frac{292.9}{13.5}$	$\frac{290.7}{24.5}$
$\frac{301.7}{25.0}$	$\frac{297.4}{5.5}$	$\frac{293.6}{2.0}$		$\frac{293.8}{14.0}$	$\frac{292.6}{16.5}$
$\frac{302.2}{25.0}$	$\frac{299.8}{9.0}$	$\frac{298.5}{8.5}$	$\frac{294.5}{1.5}$	$\frac{294.3}{14.5}$	$\frac{292.8}{18.0}$
$\frac{301.7}{25.0}$	$\frac{298.7}{6.0}$	$\frac{295.1}{7.0}$		$\frac{295.1}{16.5}$	$\frac{293.2}{19.5}$
$\frac{300.2}{25.0}$	$\frac{298.6}{13.5}$	$\frac{295.9}{2.0}$		$\frac{295.5}{17.0}$	$\frac{294.0}{23.0}$
$\frac{297.3}{25.0}$	$\frac{295.0}{13.5}$	$\frac{294.7}{8.0}$	$\frac{296.1}{2.5}$	$\frac{296.0}{15.5}$	$\frac{292.4}{23.0}$
$\frac{294.4}{25.0}$	$\frac{293.4}{10.5}$	$\frac{294.0}{7.0}$	$\frac{296.1}{3.0}$	$\frac{296.4}{13.5}$	$\frac{292.6}{18.0}$

300.07

824+25

3.2 296.9

$\frac{298.6}{25.0}$ $\frac{295.9}{8.5}$ $\frac{296.9}{4.5}$

$\frac{296.5}{13.0}$ $\frac{292.7}{19.5}$

+50

2.5 297.6

$\frac{303.0}{25.0}$ $\frac{301.3}{11.0}$ $\frac{297.4}{4.0}$

$\frac{298.2}{14.0}$ $\frac{296.1}{20.5}$

+75

2.1 298.0

$\frac{305.6}{25.0}$ $\frac{301.8}{4.5}$ $\frac{297.9}{1.0}$

$\frac{299.0}{23.0}$

+99³ B.C.

1.0 299.1

$\frac{307.0}{25.0}$ $\frac{304.0}{5.0}$ $\frac{299.7}{2.5}$

$\frac{300.2}{25.0}$

825+19.3

0.1 300.0

$\frac{307.8}{25.0}$ $\frac{305.5}{6.0}$ $\frac{300.0}{2.5}$

$\frac{300.7}{17.0}$ $\frac{300.7}{25.0}$

T.P.

1.68 298.39

4.27

302.66

+39⁷

2.6 300.1

$\frac{308.7}{25.0}$ $\frac{305.6}{6.0}$ $\frac{300.0}{3.0}$

$\frac{300.8}{16.0}$ $\frac{300.7}{22.0}$

+49⁶ F.C.

2.6 300.1

$\frac{308.7}{25.0}$ $\frac{305.4}{5.0}$ $\frac{300.1}{2.0}$

$\frac{300.7}{16.0}$ $\frac{300.0}{21.5}$

+75

3.0 299.7

$\frac{308.5}{25.0}$ $\frac{303.7}{4.5}$ $\frac{299.7}{2.0}$

$\frac{300.7}{15.0}$ $\frac{297.3}{21.0}$

826

3.5 299.2

$\frac{307.2}{25.0}$ $\frac{303.9}{9.5}$ $\frac{300.0}{3.0}$ $\frac{299.1}{2.5}$

$\frac{299.3}{13.0}$ $\frac{296.2}{19.5}$

+25

4.1 298.6

$\frac{307.5}{25.0}$ $\frac{304.6}{11.0}$ $\frac{303.0}{6.0}$ $\frac{298.6}{3.0}$

$\frac{298.9}{12.5}$ $\frac{295.1}{18.5}$

+50

4.6 298.1

$\frac{306.3}{25.0}$ $\frac{301.4}{5.5}$ $\frac{298.3}{3.0}$

$\frac{298.4}{13.0}$ $\frac{295.7}{17.5}$

+75

5.0 297.7

$\frac{306.3}{25.0}$ $\frac{302.7}{6.0}$ $\frac{297.5}{3.0}$

$\frac{298.0}{12.5}$ $\frac{296.0}{17.0}$

302.66

8 827 5.7 297.0 ✓

+25 6.2 ~~296.7~~ 296.5

+50 6.4 296.3 ✓

+75 6.3 296.4 ✓

828 6.4 296.3 ✓

+25 6.4 296.3 ✓

+50 6.3 296.4 ✓

+75 6.3 296.4 ✓

829 6.0 296.7 ✓

+25 5.7 297.0 ✓

+39⁶⁶ B.C. 5.6 297.1 ✓

T.P. 11.03 308.08 ✓ 5.61 297.05 ✓ On Hub.

+59² 10.7 297.4 ✓

+79² 10.5 297.6 ✓

$\frac{304.2}{25.0}$	$\frac{300.4}{6.5}$	$\frac{296.8}{3.5}$	$\frac{297.3}{13.0}$	$\frac{294.9}{16.0}$
303.4	299.8	296.5	297.1	295.2
$\frac{303.6}{25.0}$	$\frac{298.8}{5.5}$	$\frac{296.0}{3.0}$	$\frac{296.5}{13.5}$	$\frac{294.8}{16.5}$
$\frac{305.2}{25.0}$	$\frac{302.4}{19.5}$	$\frac{299.6}{6.0}$	$\frac{296.4}{13.0}$	$\frac{294.7}{17.0}$
$\frac{304.7}{25.0}$	$\frac{302.0}{19.0}$	$\frac{298.6}{5.5}$	$\frac{296.2}{14.0}$	$\frac{294.5}{17.5}$
$\frac{306.0}{25.0}$	$\frac{300.0}{5.5}$	$\frac{296.1}{3.0}$	$\frac{296.4}{13.0}$	$\frac{294.7}{17.0}$
$\frac{303.7}{25.0}$	$\frac{300.0}{6.5}$	$\frac{296.2}{3.5}$	$\frac{296.3}{12.5}$	$\frac{294.9}{17.0}$
$\frac{301.9}{25.0}$	$\frac{298.0}{9.0}$	$\frac{296.1}{4.5}$	$\frac{296.5}{13.0}$	$\frac{294.7}{19.5}$
$\frac{299.7}{25.0}$	$\frac{298.2}{9.5}$	$\frac{296.7}{4.5}$	$\frac{296.9}{15.0}$	$\frac{294.6}{19.5}$
$\frac{299.0}{25.0}$	$\frac{299.0}{15.0}$	$\frac{297.0}{3.5}$	$\frac{297.0}{15.0}$	$\frac{294.7}{17.5}$
$\frac{300.6}{25.0}$	$\frac{299.3}{12.0}$	$\frac{297.2}{2.5}$	$\frac{297.3}{16.5}$	$\frac{296.1}{21.0}$
$\frac{302.0}{25.0}$	$\frac{299.4}{5.0}$	$\frac{297.7}{3.0}$	$\frac{297.4}{16.0}$	$\frac{296.7}{21.0}$
$\frac{302.1}{25.0}$	$\frac{298.2}{5.5}$	$\frac{297.5}{3.0}$	$\frac{298.0}{16.5}$	$\frac{295.6}{22.0}$

	308.08									
8 827+89 ² E.C.	10.4	297.7								
830	10.1	298.0			303.3 25.0	301.2 11.0	300.7 8.0	297.6 5.0	298.1 14.0	295.6 22.0
+25	9.7	298.4			303.4 25.0	301.2 7.5	298.2 5.5		298.6 14.5	296.0 20.0
+34 ⁰ B.C.	9.5	298.6			304.4 25.0	301.9 9.5	300.3 8.5	298.3 5.0	299.0 14.5	296.8 19.0
+59	8.9	299.2			304.2 25.0	301.6 7.0	299.0 4.0		299.6 16.0	298.1 21.0
+84	8.0	300.1			306.9 25.0	303.4 6.5	300.1 2.5		300.4 20.0	300.1 22.0
831+09	7.7	300.4			307.0 25.0	305.1 4.5	300.3 2.0		304.3 18.0	
+34	7.4	300.7			306.9 25.0	304.8 6.5	300.5 3.5		301.1 13.5	301.2 18.0
+59	7.5	300.6			306.4 25.0	303.6 8.0	300.2 4.5		301.3 13.5	300.0 18.0
+75 ⁷ E.C.	7.6	300.5			305.0 25.0	302.6 7.5	300.4 6.0		301.0 14.0	299.0 19.0
832	7.4	300.7			306.3 25.0	302.0 7.0	300.5 5.0		300.9 12.5	302.4 15.5
+25	6.8	301.3			307.3 25.0	303.3 7.0	301.9 5.0		301.3 13.5	298.8 17.0

308.08

832+50 6.2 301.9 ✓

+68.8 B.C. 5.7 302.4 ✓

+93.8 4.9 303.2 ✓

833+18.8 3.7 304.4 ✓

+43.8 2.5 305.6 ✓

+69.4² E.C. 1.2 306.9 ✓

T.P. 0.18 307.90 ✓

834 11.28 319.18 ✓

834+00 10.5 308.7 ✓

+25 9.3 309.9 ✓

+50 8.1 311.1 ✓

+85.6 B.C. 6.4 312.8 ✓

835+10.6 5.7 313.5 ✓

+35.6 5.5 313.7 ✓

L.T.

R.T. 12

$\frac{310.3}{25}$	$\frac{303.3}{5}$	$\frac{301.9}{3}$	$\frac{301.8}{13}$	$\frac{298.2}{17}$
$\frac{312.4}{25}$	$\frac{309.1}{13}$	$\frac{302.6}{4}$	$\frac{302.2}{3}$	$\frac{302.5}{13}$
$\frac{313.0}{25}$	$\frac{310.2}{13}$	$\frac{306.3}{4}$	$\frac{303.3}{2}$	$\frac{303.2}{12}$
$\frac{314.4}{25}$	$\frac{307.8}{5}$	$\frac{304.0}{3}$	$\frac{304.8}{14}$	$\frac{302.0}{17}$
$\frac{313.6}{25}$	$\frac{311.2}{10}$	$\frac{308.6}{4}$	$\frac{306.9}{2}$	$\frac{306.4}{14}$
$\frac{313.4}{25}$	$\frac{310.2}{5}$	$\frac{307.8}{2}$	$\frac{307.6}{15}$	$\frac{305.5}{18}$
$\frac{314.1}{25}$	$\frac{311.9}{5}$	$\frac{309.1}{3}$	$\frac{308.9}{10}$	$\frac{306.7}{18}$
$\frac{315.0}{25}$	$\frac{312.3}{5}$	$\frac{310.6}{2}$	$\frac{309.4}{14}$	$\frac{308.2}{18}$
$\frac{317.2}{25}$	$\frac{313.3}{4}$	$\frac{311.1}{1}$	$\frac{311.5}{2}$	$\frac{311.7}{14}$
$\frac{318.1}{25}$	$\frac{316.0}{3}$		$\frac{313.2}{2}$	$\frac{313.7}{16}$
$\frac{319.4}{25}$	$\frac{316.7}{3}$	$\frac{313.8}{2}$		$\frac{314.3}{16}$
$\frac{321.0}{25}$	$\frac{317.2}{4}$	$\frac{313.7}{2}$	$\frac{314.4}{15}$	$\frac{313.7}{19}$

319.18

+622	E.C.	5.2	314.0 ✓	$\frac{321.0}{25^{\circ}}$	$\frac{317.8}{6^{\circ}}$	$\frac{314.0}{3^{\circ}}$	$\frac{314.5}{15^{\circ}}$	$\frac{312.7}{18^{\circ}}$
836+00		4.9	314.3 ✓	$\frac{321.8}{25^{\circ}}$	$\frac{317.6}{5^{\circ}}$	$\frac{314.1}{3^{\circ}}$	$\frac{314.3}{15^{\circ}}$	$\frac{311.7}{18^{\circ}}$
+316		5.2	314.0 ✓	$\frac{321.4}{25^{\circ}}$	$\frac{316.6}{7^{\circ}}$	$\frac{313.9}{2^{\circ}}$	$\frac{314.3}{16^{\circ}}$	$\frac{311.5}{21^{\circ}}$
+516		5.2	314.0 ✓	$\frac{322.3}{25^{\circ}}$	$\frac{316.5}{5^{\circ}}$	$\frac{314.0}{2^{\circ}}$	$\frac{314.6}{16^{\circ}}$	$\frac{312.4}{21^{\circ}}$
+75		5.4	313.8 ✓	$\frac{321.1}{25^{\circ}}$	$\frac{316.7}{5^{\circ}}$	$\frac{313.6}{3^{\circ}}$	$\frac{314.0}{14^{\circ}}$	$\frac{311.6}{18^{\circ}}$
837+00		6.0	313.2 ✓	$\frac{319.7}{25^{\circ}}$	$\frac{315.9}{6^{\circ}}$	$\frac{313.1}{3^{\circ}}$	$\frac{313.5}{14^{\circ}}$	$\frac{311.2}{17^{\circ}}$
+25		6.5	312.7 ✓	$\frac{318.7}{25^{\circ}}$	$\frac{315.2}{4^{\circ}}$	$\frac{312.6}{3^{\circ}}$	$\frac{313.3}{14^{\circ}}$	$\frac{310.6}{18^{\circ}}$
+50		6.9	312.3 ✓	$\frac{318.1}{25^{\circ}}$	$\frac{315.0}{4^{\circ}}$	$\frac{312.2}{2^{\circ}}$	$\frac{313.1}{15^{\circ}}$	$\frac{311.3}{18^{\circ}}$
+792	B.C	7.2	312.0 ✓	$\frac{318.0}{25^{\circ}}$	$\frac{315.1}{4^{\circ}}$	$\frac{311.8}{2^{\circ}}$	$\frac{313.3}{15^{\circ}}$	$\frac{311.6}{19^{\circ}}$
+992		7.5	311.7 ✓	$\frac{317.7}{25^{\circ}}$	$\frac{314.9}{4^{\circ}}$	$\frac{311.5}{3^{\circ}}$	$\frac{312.9}{16^{\circ}}$	$\frac{311.7}{21^{\circ}}$
T.P.		7.98	311.20 ✓					
	2.02	313.22						
838+193		1.8	311.4 ✓	$\frac{317.2}{25^{\circ}}$	$\frac{315.4}{7^{\circ}}$	$\frac{311.0}{3^{\circ}}$	$\frac{312.6}{20^{\circ}}$	

313.22

+493	2.7	310.5
+75	3.9	309.3
839+00	4.8	308.4
+25	5.6	307.6
+50	6.7	306.5
+76 ²	7.8	305.4
+98 ²	8.3	304.9
840+16 ²	9.1	304.1
+50	9.7	303.5
+71	10.4	302.8
841+00	11.4	301.8
+31 ²	12.7	300.5
T.P.	12.95	300.77

2.01 302.78

$\frac{316.9}{25^2}$	$\frac{314.0}{7^2}$	$\frac{310.0}{4^2}$	$\frac{310.8}{14^2}$	$\frac{310.5}{17^2}$	
$\frac{318.1}{25^2}$	$\frac{313.3}{6^2}$	$\frac{309.2}{3^2}$	$\frac{310.1}{12^2}$	$\frac{308.1}{16^2}$	
$\frac{317.1}{25^2}$	$\frac{311.7}{7^2}$	$\frac{308.2}{4^2}$	$\frac{308.6}{11^2}$	$\frac{305.9}{15^2}$	
$\frac{317.1}{25^2}$	$\frac{310.6}{8^2}$	$\frac{307.5}{5^2}$	$\frac{307.9}{10^2}$	$\frac{304.7}{15^2}$	
$\frac{317.7}{25^2}$	$\frac{310.8}{8^2}$	$\frac{306.4}{5^2}$	$\frac{306.3}{11^2}$	$\frac{304.2}{15^2}$	
$\frac{317.9}{25^2}$	$\frac{310.8}{8^2}$	$\frac{305.3}{5^2}$	$\frac{305.4}{12^2}$	$\frac{303.2}{15^2}$	
$\frac{319.4}{25^2}$	$\frac{310.8}{7^2}$	$\frac{305.0}{3^2}$	$\frac{305.2}{12^2}$	$\frac{307.8}{17^2}$	
$\frac{319.5}{25^2}$	$\frac{311.2}{8^2}$	$\frac{304.2}{3^2}$	$\frac{304.3}{12^2}$	$\frac{306.9}{17^2}$	
$\frac{319.8}{25^2}$	$\frac{315.5}{19^2}$	$\frac{311.8}{9^2}$	$\frac{303.7}{5^2}$	$\frac{303.5}{11^2}$	$\frac{300.6}{16^2}$
$\frac{320.1}{25^2}$	$\frac{312.9}{14^2}$	$\frac{311.0}{6^2}$	$\frac{302.9}{3^2}$	$\frac{302.8}{11^2}$	$\frac{299.6}{15^2}$
$\frac{319.4}{25^2}$	$\frac{308.9}{8^2}$	$\frac{301.9}{3^2}$	$\frac{302.2}{12^2}$	$\frac{298.5}{16^2}$	
$\frac{319.0}{25^2}$	$\frac{312.3}{14^2}$	$\frac{308.3}{7^2}$	$\frac{300.6}{2.5}$	$\frac{300.9}{11^2}$	$\frac{297.3}{15^2}$

302.78

+56 z

3.5 299.3 ✓

$\frac{316.6}{25}$ $\frac{311.5}{13}$ $\frac{306.9}{5}$ $\frac{297.6}{2}$ $\frac{300.4}{12}$ $\frac{297.8}{16}$

+81 z

4.5 298.3 ✓

$\frac{316.8}{25}$ $\frac{311.3}{15}$ $\frac{298.6}{2}$ $\frac{297.2}{13}$ $\frac{297.9}{18}$

842+06 z

5.4 297.4 ✓

$\frac{315.8}{25}$ $\frac{306.4}{9}$ $\frac{299.5}{5}$ $\frac{297.9}{2}$ $\frac{298.2}{12}$ $\frac{293.5}{15}$

+31 z

6.8 296.0 ✓

$\frac{315.7}{25}$ $\frac{309.0}{14}$ $\frac{302.0}{7}$ $\frac{296.6}{4}$ $\frac{295.7}{3}$ $\frac{296.8}{14}$ $\frac{298.0}{17}$

+46 z

7.7 295.1 ✓

$\frac{315.0}{25}$ $\frac{306.3}{9}$ $\frac{294.8}{3}$ $\frac{296.0}{14}$ $\frac{288.6}{22}$

+75

9.0 293.8 ✓

$\frac{213.9}{25}$ $\frac{304.9}{10}$ $\frac{294.9}{4}$ $\frac{294.6}{13}$ $\frac{291.9}{15}$

843+00

10.5 292.3 ✓

$\frac{308.9}{25}$ $\frac{303.4}{15}$ $\frac{294.3}{7}$ $\frac{292.4}{3}$ $\frac{293.1}{13}$ $\frac{288.5}{15}$

+19

11.9 290.9 ✓

$\frac{310.8}{25}$ $\frac{302.5}{13}$ $\frac{291.2}{6}$ $\frac{291.6}{12}$ $\frac{287.2}{15}$

T.P.

12.56 290.22 ✓

1.80 292.02

+50

3.4 288.6 ✓

$\frac{310.3}{25}$ $\frac{300.3}{8}$ $\frac{288.7}{5}$ $\frac{289.4}{15}$ $\frac{284.9}{19}$

+75

5.2 286.8 ✓

$\frac{313.3}{25}$ $\frac{300.8}{13}$ $\frac{287.1}{3}$ $\frac{287.5}{12}$ $\frac{281.8}{16}$

844+00

7.2 284.8 ✓

$\frac{310.6}{26}$ $\frac{296.1}{9}$ $\frac{284.7}{3}$ $\frac{285.2}{11}$ $\frac{287.0}{13}$

292.02

+30 9.8 282.2 ✓
 +55 11.7 280.3 ✓
 T.P. 12.52 279.50 ✓
 0.96 280.46

+80 2.1 278.4 ✓

845+05 3.9 276.6 ✓

+25 5.2 275.3 ✓

+53 6.8 273.7 ✓

+72 7.8 272.7 ✓

846+00 8.9 271.6 ✓

+25 9.8 270.7 ✓

+50 10.7 269.8 ✓

+76 11.4 269.1 ✓

$\frac{309.4}{25}$ $\frac{301.7}{16}$ $\frac{294.2}{10}$ $\frac{282.3}{4}$ $\frac{282.6}{11}$ $\frac{278.6}{15}$

$\frac{307.5}{25}$ $\frac{296.5}{13}$ $\frac{286.0}{9}$ $\frac{280.3}{7}$ $\frac{281.1}{10}$ $\frac{274.7}{13}$

13

$\frac{305.8}{25}$ $\frac{291.8}{10}$ $\frac{278.4}{4}$ $\frac{279.3}{11}$ $\frac{274.2}{13}$

$\frac{304.9}{25}$ $\frac{291.4}{10}$ $\frac{276.9}{3}$ $\frac{277.6}{10}$ $\frac{268.9}{13}$

$\frac{304.7}{25}$ $\frac{292.9}{12}$ $\frac{277.9}{5}$ $\frac{275.5}{8}$ $\frac{276.3}{11}$ $\frac{273.3}{15}$

$\frac{302.2}{25}$ $\frac{289.7}{12}$ $\frac{274.0}{5}$ $\frac{274.6}{11}$ $\frac{272.5}{15}$

$\frac{300.7}{25}$ $\frac{294.9}{7}$ $\frac{272.7}{4}$ $\frac{273.6}{11}$ $\frac{268.3}{16}$

$\frac{292.1}{25}$ $\frac{280.6}{10}$ $\frac{271.9}{3}$ $\frac{272.6}{11}$ $\frac{269.8}{14}$

$\frac{288.9}{25}$ $\frac{278.6}{8}$ $\frac{270.7}{3}$ $\frac{271.9}{11}$ $\frac{268.1}{13}$

$\frac{290.3}{25}$ $\frac{285.2}{23}$ $\frac{274.1}{7}$ $\frac{270.0}{3}$ $\frac{270.8}{10}$ $\frac{267.5}{13}$

$\frac{292.3}{25}$ $\frac{282.1}{18}$ $\frac{274.3}{7}$ $\frac{269.1}{4}$ $\frac{270.0}{10}$ $\frac{267.6}{14}$

280.46

847+00

12.2 268.3

$\frac{289.6}{25.0}$ $\frac{271.3}{11.2}$ $\frac{268.5}{5.0}$

$\frac{269.3}{11.5}$ $\frac{269.2}{7.9}$

T.P.

12.21 268.25

11.81

271.58

259.77 B.M

+23

4.0 267.6

$\frac{286.6}{25.0}$ $\frac{271.8}{7.0}$ $\frac{267.8}{4.5}$

$\frac{268.4}{13.0}$ $\frac{265.1}{14.5}$

+50

4.5 267.1

$\frac{288.5}{25.0}$ $\frac{285.5}{21.5}$ $\frac{279.6}{16.0}$ $\frac{271.5}{6.5}$ $\frac{267.3}{4.0}$

$\frac{267.8}{12.0}$ $\frac{265.4}{14.5}$

+75

4.8 266.8

~~287.1~~ ~~285.5~~ ~~275.0~~ ~~270.0~~ ~~269.0~~

$\frac{267.3}{12.0}$ $\frac{263.6}{13.5}$

848

4.9 266.7

$\frac{287.3}{25.0}$ $\frac{273.5}{7.0}$ $\frac{270.4}{5.5}$ $\frac{266.7}{3.0}$

$\frac{267.4}{12.5}$ $\frac{264.7}{13.5}$

+25

5.0 266.6

$\frac{279.8}{25.0}$ $\frac{277.2}{20.0}$ $\frac{271.0}{6.0}$ $\frac{266.6}{2.5}$

$\frac{267.3}{12.0}$ $\frac{264.6}{16.5}$

+50

5.0 266.6

$\frac{271.0}{25.0}$ $\frac{269.0}{6.0}$ $\frac{266.6}{4.5}$

$\frac{267.7}{13.5}$ $\frac{264.6}{18.5}$

+75

4.9 266.7

$\frac{285.7}{25.0}$ $\frac{280.7}{20.0}$ $\frac{271.7}{14.0}$ $\frac{268.9}{7.5}$ $\frac{267.0}{5.5}$

$\frac{267.1}{12.7}$ $\frac{265.1}{18.5}$

849

4.9 266.7

$\frac{291.7}{25.0}$ $\frac{283.0}{11.5}$ $\frac{269.7}{5.5}$ $\frac{266.6}{3.0}$

$\frac{267.3}{12.5}$ $\frac{269.3}{16.0}$

+23

4.9 266.7

$\frac{293.7}{25.0}$ $\frac{271.1}{8.5}$ $\frac{269.8}{5.0}$ $\frac{266.8}{3.0}$

$\frac{267.4}{13.0}$ $\frac{265.7}{15.5}$

+50

4.8 266.8

$\frac{292.8}{25.0}$ $\frac{269.9}{6.0}$ $\frac{266.9}{4.0}$

$\frac{267.4}{11.5}$ $\frac{265.7}{15.0}$

271.58

+75		4.8	266.8	$\frac{289.6}{25.0}$	$\frac{282.2}{16.0}$	$\frac{266.7}{3.0}$	$\frac{267.4}{12.5}$	$\frac{270.5}{15.0}$
+97 ¹ B.C.		4.8	266.8	$\frac{287.0}{25.0}$	$\frac{279.0}{15.0}$	$\frac{272.0}{8.5}$	$\frac{270.1}{5.5}$	$\frac{266.9}{3.5}$
850 +22		4.8	266.8	$\frac{290.5}{25.0}$	$\frac{284.2}{17.0}$	$\frac{267.2}{3.8}$	$\frac{267.6}{14.5}$	$\frac{260.8}{17.5}$
+50		4.2	267.4	$\frac{290.8}{25.0}$	$\frac{282.8}{19.0}$	$\frac{267.7}{3.5}$	$\frac{268.0}{14.0}$	$\frac{261.6}{16.5}$
+75		4.0	267.6	$\frac{292.0}{25.0}$	$\frac{279.8}{11.5}$	$\frac{271.5}{4.0}$	$\frac{267.8}{2.5}$	$\frac{268.1}{13.0}$
851		3.8	267.8	$\frac{290.3}{25.0}$	$\frac{278.6}{11.0}$	$\frac{273.6}{8.5}$	$\frac{271.6}{5.5}$	$\frac{267.9}{2.0}$
+25		3.3	268.3	$\frac{293.2}{25.0}$	$\frac{282.4}{16.0}$	$\frac{273.7}{5.5}$	$\frac{268.5}{2.5}$	$\frac{268.9}{13.0}$
+50		3.0	268.6	$\frac{295.0}{25.0}$	$\frac{283.2}{12.0}$	$\frac{275.0}{5.0}$	$\frac{268.6}{1.5}$	$\frac{269.3}{14.0}$
+75		2.9	268.7	$\frac{293.3}{25.0}$	$\frac{274.1}{4.5}$	$\frac{269.0}{2.0}$	$\frac{269.6}{14.8}$	$\frac{263.7}{17.0}$
852		2.6	269.0	$\frac{296.0}{25.0}$	$\frac{276.3}{6.0}$	$\frac{269.5}{3.0}$	$\frac{269.7}{15.0}$	$\frac{266.0}{18.5}$
+135 B.C.		2.4	269.2	$\frac{295.3}{25.0}$	$\frac{273.0}{5.5}$	$\frac{269.3}{2.8}$	$\frac{269.7}{12.0}$	$\frac{266.6}{16.5}$
+38 ⁵		2.0	269.6	$\frac{297.8}{25.0}$	$\frac{299.6}{12.0}$	$\frac{276.2}{6.0}$	$\frac{268.4}{3.3}$	$\frac{268.1}{12.5}$
T.P. 4.97	274.74	1.81	269.77				$\frac{264.6}{19.0}$	

274.74

+64 E.C.

4.7 270.0

$\frac{295.5}{25^2}$ $\frac{282.2}{15^2}$ $\frac{284.7}{9^2}$ $\frac{270.3}{4.5}$

$\frac{270.8}{14.0}$ $\frac{267.6}{15.5}$

+75

4.5 270.2

$\frac{294.9}{25^2}$ $\frac{285.1}{12^2}$ $\frac{283.1}{12^2}$ $\frac{280.6}{9^2}$ $\frac{272.5}{6.5}$ $\frac{270.3}{3.5}$

$\frac{271.0}{13.0}$ $\frac{267.7}{15.0}$

853

4.1 270.6

$\frac{295.1}{25^2}$ $\frac{272.7}{7^2}$ $\frac{270.8}{4.0}$

$\frac{271.1}{11.5}$ $\frac{265.6}{14.0}$

+25

3.9 270.8

$\frac{296.3}{25^2}$ $\frac{280.5}{5^2}$ $\frac{270.9}{2.5}$

$\frac{271.4}{13.0}$ $\frac{268.3}{13.5}$

+45

3.9 270.8

$\frac{295.8}{25^2}$ $\frac{288.6}{17^2}$ $\frac{287.0}{14^2}$ $\frac{281.8}{6^2}$ $\frac{271.1}{3.0}$

$\frac{271.3}{14.5}$ $\frac{267.1}{16.5}$

+65

3.9 270.8

$\frac{291.1}{25^2}$ $\frac{283.9}{16^2}$ $\frac{281.8}{15^2}$ $\frac{277.2}{6.0}$ $\frac{271.3}{3.5}$

$\frac{271.4}{15.0}$ $\frac{265.8}{18.5}$

+79

4.0 270.7

$\frac{293.2}{25^2}$ $\frac{280.1}{10^2}$ $\frac{277.7}{6^2}$ $\frac{271.0}{3.0}$

$\frac{271.5}{14.5}$ $\frac{266.2}{18.0}$

854

4.1 270.6

$\frac{289.0}{25^2}$ $\frac{282.9}{16^2}$ $\frac{276.0}{6.2}$ $\frac{270.7}{3.0}$

$\frac{270.9}{13.5}$ $\frac{268.0}{15.0}$

+25

4.3 270.4

$\frac{290.6}{25^2}$ $\frac{287.2}{22^2}$ $\frac{279.2}{12^2}$ $\frac{274.3}{5.5}$ $\frac{270.8}{2.5}$

$\frac{270.9}{13.5}$ $\frac{268.8}{15.5}$

+50

4.6 270.1

$\frac{285.1}{25^2}$ $\frac{275.6}{5.0}$ $\frac{270.8}{3.0}$

$\frac{270.6}{13.5}$ $\frac{267.4}{18.0}$

+75

4.8 269.9

$\frac{286.3}{25^2}$ $\frac{281.0}{15^2}$ $\frac{275.0}{12.0}$ $\frac{272.0}{8.0}$ $\frac{270.0}{2.5}$

$\frac{270.3}{13.0}$ $\frac{267.7}{14.0}$

855+05

5.4 269.3

$\frac{270.0}{25.0}$ $\frac{265.0}{6.5}$ $\frac{269.0}{6.0}$

$\frac{269.6}{11.5}$ $\frac{262.1}{14.0}$

+25

5.4 269.3

$\frac{283.9}{25^2}$ $\frac{274.0}{7.0}$ $\frac{270.0}{5.0}$

$\frac{269.6}{14.0}$ $\frac{266.0}{15.5}$

274.74

+ 55[±]

6.0 268.7

$\frac{286.7}{25^2}$

$\frac{274.7}{7.0} \frac{268.9}{2.0}$

$\frac{269.2}{14.0} \frac{266.1}{18.5}$

+ 75

6.4 268.3

$\frac{285.1}{25^2}$

$\frac{273.0}{6.5} \frac{268.4}{2.5}$

$\frac{268.7}{15.0} \frac{266.9}{16.0}$

85

856+00

7.1 267.6

$\frac{285.3}{25^2}$

$\frac{271.6}{4.5} \frac{267.5}{2.5}$

$\frac{268.0}{13.3} \frac{265.5}{17.5}$

+ 25

8.1 266.6

$\frac{284.9}{25^2}$

$\frac{270.3}{4.0} \frac{266.8}{2.0}$

$\frac{267.1}{13.5} \frac{265.0}{15.0}$

+ 50

8.9 265.8

$\frac{284.2}{25^2} \frac{276.3}{13^2}$

$\frac{267.3}{4.0} \frac{266.0}{3.0}$

$\frac{266.3}{13.5} \frac{264.3}{15.5}$

+ 72 P.I.

9.6 265.1

$\frac{285.2}{25^2} \frac{280.8}{21^2}$

$\frac{274.9}{7^2} \frac{267.3}{4.0} \frac{265.2}{2.5}$

$\frac{265.6}{13.5} \frac{263.0}{15.5}$

857+00

10.3 264.4

$\frac{283.5}{25^2}$

$\frac{268.0}{7.5} \frac{266.3}{4.0} \frac{264.4}{2.5}$

$\frac{264.9}{14.0} \frac{261.9}{17.0}$

+ 25

10.9 263.8

$\frac{282.3}{25^2}$

$\frac{270.0}{8.0} \frac{267.8}{7.5} \frac{264.0}{2.5}$

$\frac{264.4}{14.0} \frac{261.8}{14.0}$

+ 50

11.4 263.3

$\frac{282.3}{25^2}$

$\frac{272.4}{12^2} \frac{263.8}{9.5}$

$\frac{263.9}{14.0} \frac{261.1}{18.0}$

+ 75

11.8 262.9

$\frac{283.5}{25^2} \frac{272.9}{14^2} \frac{270.3}{9^2}$

$\frac{267.3}{6.5} \frac{263.0}{2.0}$

$\frac{263.6}{13.5} \frac{259.3}{19.0}$

858+00

12.3 262.4

$\frac{282.9}{25^2} \frac{270.3}{6^2}$

$\frac{266.4}{5.5} \frac{264.4}{2.0} \frac{263.4}{1.0}$

$\frac{263.0}{15.5} \frac{260.3}{20.0}$

T.P.

12.03 262.71

1.65

264.36

264.36

+25		2.3	262.1	$\frac{279.8}{25^{\circ}}$	$\frac{270.1}{10^{\circ}}$	$\frac{266.6}{6^{\circ}}$	$\frac{262.3}{1^{\circ}}$	$\frac{262.6}{15^{\circ}}$	$\frac{261.1}{18^{\circ}}$	
+50		2.8	261.6	$\frac{280.7}{25^{\circ}}$	$\frac{277.4}{23^{\circ}}$	$\frac{265.6}{7^{\circ}}$	$\frac{261.5}{2^{\circ}}$	$\frac{262.1}{13^{\circ}}$	$\frac{260.3}{18^{\circ}}$	
+75		3.3	261.1	$\frac{280.7}{25^{\circ}}$	$\frac{278.2}{22^{\circ}}$	$\frac{265.6}{8^{\circ}}$	$\frac{261.0}{4^{\circ}}$	$\frac{260.9}{12^{\circ}}$	$\frac{258.8}{14^{\circ}}$	
859+06 ³	B.C	4.1	260.3	$\frac{282.0}{25^{\circ}}$	$\frac{270.0}{11^{\circ}}$	$\frac{263.6}{6^{\circ}}$	$\frac{260.1}{4^{\circ}}$	$\frac{260.7}{15^{\circ}}$	$\frac{259.8}{18^{\circ}}$	
+31 ³		4.6	259.8	$\frac{277.6}{25^{\circ}}$	$\frac{271.0}{15^{\circ}}$	$\frac{268.8}{14^{\circ}}$	$\frac{263.8}{6^{\circ}}$	$\frac{259.5}{4^{\circ}}$	$\frac{260.2}{14^{\circ}}$	$\frac{258.6}{17^{\circ}}$
+56 ³		5.0	259.4	$\frac{279.2}{25^{\circ}}$	$\frac{270.8}{17^{\circ}}$	$\frac{262.6}{7^{\circ}}$	$\frac{259.1}{6^{\circ}}$	$\frac{259.7}{13^{\circ}}$	$\frac{257.8}{16^{\circ}}$	
+83 ³	E.C	6.0	258.4	$\frac{274.8}{25^{\circ}}$	$\frac{269.8}{17^{\circ}}$	$\frac{263.4}{11^{\circ}}$	$\frac{258.3}{7^{\circ}}$	$\frac{258.8}{13^{\circ}}$	$\frac{256.6}{16^{\circ}}$	
860+00		6.7	257.7	$\frac{276.8}{25^{\circ}}$		$\frac{260.7}{9^{\circ}}$	$\frac{257.7}{7^{\circ}}$	$\frac{258.2}{10^{\circ}}$	$\frac{257.9}{16^{\circ}}$	
+25		7.5	256.9	$\frac{276.8}{25^{\circ}}$		$\frac{262.2}{8^{\circ}}$	$\frac{257.8}{7^{\circ}}$	$\frac{257.0}{12^{\circ}}$	$\frac{255.2}{17^{\circ}}$	
+50		8.3	256.1	$\frac{276.9}{25^{\circ}}$	$\frac{272.5}{18^{\circ}}$	$\frac{268.2}{15^{\circ}}$	$\frac{259.5}{4^{\circ}}$	$\frac{256.4}{3^{\circ}}$	$\frac{256.6}{12^{\circ}}$	$\frac{254.8}{16^{\circ}}$
+75	P.1	8.7	255.7	$\frac{276.2}{25^{\circ}}$	$\frac{267.3}{18^{\circ}}$	$\frac{262.2}{12^{\circ}}$	$\frac{258.7}{4^{\circ}}$	$\frac{256.1}{2^{\circ}}$	$\frac{256.2}{12^{\circ}}$	$\frac{254.8}{15^{\circ}}$
861+00		9.0	255.4	$\frac{272.5}{25^{\circ}}$		$\frac{258.2}{6^{\circ}}$	$\frac{255.3}{4^{\circ}}$	$\frac{256.2}{12^{\circ}}$	$\frac{253.4}{17^{\circ}}$	
+25		9.0	255.4	$\frac{267.9}{25^{\circ}}$	$\frac{257.2}{8^{\circ}}$	$\frac{257.0}{4.5^{\circ}}$	$\frac{253.4}{4^{\circ}}$	$\frac{255.9}{13^{\circ}}$	$\frac{253.9}{18^{\circ}}$	

264.36 ✓

+50 9.0 255.4 ✓

+75 8.7 255.7 ✓

862+00 8.7 255.7 ✓

+25 9.0 255.4 ✓

+50 9.2 255.2 ✓

T.P. 9.16 255.20

5.27 260.47 ✓

+75 5.4 255.1 ✓

863+00 5.6 254.9 ✓

+25 5.5 255.0 ✓

+50 5.3 255.2 ✓

+75 5.3 255.2 ✓

864+00 5.3 255.2 ✓

$\frac{264.3}{250}$	$\frac{262.4}{200}$	$\frac{256.1}{120}$	$\frac{255.5}{40}$	$\frac{256.0}{120}$	$\frac{254.4}{170}$
$\frac{264.2}{250}$	$\frac{258.5}{90}$	$\frac{255.7}{35}$	$\frac{256.1}{100}$	$\frac{256.5}{160}$	$\frac{251.7}{200}$
$\frac{276.6}{250}$	$\frac{273.8}{190}$	$\frac{271.7}{170}$	$\frac{255.6}{40}$	$\frac{255.7}{130}$	$\frac{254.7}{195}$
$\frac{262.9}{250}$	$\frac{256.0}{120}$		$\frac{255.9}{110}$	$\frac{254.8}{160}$	
$\frac{258.1}{250}$	$\frac{256.0}{270}$	$\frac{254.8}{50}$	$\frac{255.1}{120}$	$\frac{254.7}{150}$	
$\frac{266.8}{250}$	$\frac{263.0}{16.5}$	$\frac{257.7}{14.0}$	$\frac{255.1}{5.0}$	$\frac{255.5}{8.0}$	$\frac{253.1}{12.0}$
$\frac{267.4}{25.0}$	$\frac{257.6}{9.5}$	$\frac{255.0}{5.5}$		$\frac{255.2}{9.5}$	$\frac{254.4}{11.0}$
$\frac{269.5}{25.0}$	$\frac{265.7}{16.0}$	$\frac{262.3}{15.5}$	$\frac{255.0}{4.5}$	$\frac{255.3}{9.5}$	$\frac{254.8}{12.0}$
$\frac{268.8}{25.0}$	$\frac{265.6}{20.0}$	$\frac{262.5}{18.0}$	$\frac{257.4}{9.0}$	$\frac{255.4}{8.0}$	$\frac{254.5}{14.0}$
$\frac{272.1}{25.0}$	$\frac{267.6}{23.0}$	$\frac{261.0}{13.0}$	$\frac{255.2}{4.0}$	$\frac{255.5}{9.5}$	$\frac{254.6}{17.0}$
$\frac{270.1}{25.0}$	$\frac{263.7}{12.0}$	$\frac{261.7}{9.5}$	$\frac{258.2}{6.0}$	$\frac{255.2}{5.0}$	$\frac{255.6}{10.5}$
					$\frac{255.6}{15.5}$

260.47

+25 5.1 255.4 ✓

+50 5.1 255.4 ✓

+75 5.0 255.5 ✓

865+00 5.0 255.5 ✓

+25 4.9 255.6 ✓

+50 4.7 255.8 ✓

+75 4.8 255.7 ✓

866+00 4.7 255.8 ✓

+232 4.4 256.1 ✓

+482 4.3 256.2 ✓

+722 4.3 256.2 ✓

867+00 4.6 255.7 ✓

274.5
250

268.6 266.5 262.0 259.0 254.6
18.0 17.0 15.0 3.5 3.0

255.5 253.0
14.0 17.5

274.5 271.9 265.4 255.8
25.0 23.0 19.0 4.5

256.0 254.3
12.0 16.0

275.8 270.0 267.5 260.7 255.6
25.0 20.0 18.0 10.5 3.5

255.8 254.4
11.0 15.5

275.6 272.8 268.5
25.0 23.5 16.0

258.5 255.8
8.0 3.0

256.1 256.4
12.0 16.0

275.6 271.4
25.0 24.0

260.6 256.0
9.0 5.0

256.1 255.3
12.0 18.0

275.0 273.5 269.6
25.0 22.5 20.0

260.3 256.8
10.0 3.0

256.3 255.2
12.0 18.0

275.7 263.9 258.5 255.9
25.0 8.0 6.0 2.0

255.9 255.2
12.0 14.0

275.5 262.3 258.0 255.8
25.0 7.0 5.0 2.0

256.4 255.6
12.0 14.0

273.1 266.4 262.0 259.6 256.5
25.0 14.0 10.0 4.0 2.0

256.6 254.9
13.0 18.0

272.2 266.0 263.4 258.9 256.4
25.0 14.0 9.0 7.0 4.0

256.7 254.7
14.0 18.0

271.5 260.1 256.7
25.0 4.0 3.0

257.0 254.4
14.0 20.0

269.9 259.9 255.8
23.0 7.0 5.0

256.3 254.8
14.0 18.0

260.47

+25

5.5 255.0

$\frac{267.4}{25.0}$

$\frac{260.2}{7.0}$

$\frac{256.5}{7.5}$

$\frac{254.9}{3.2}$

$\frac{255.5}{13.2}$

$\frac{253.0}{17.2}$

+55

6.9 253.6

$\frac{268.4}{25.0}$

$\frac{259.1}{7.5}$

$\frac{253.6}{2.2}$

$\frac{257.6}{11.2}$

$\frac{254.7}{16.2}$

T.P.

6.97 253.50

B.M. 9.75

261.02

251.27 #98

+80

8.3 252.7

$\frac{267.4}{25.0}$

$\frac{256.7}{4.0}$

$\frac{252.7}{11.5}$

$\frac{253.5}{14.5}$

$\frac{252.3}{18.0}$

868+05

8.4 252.6

$\frac{266.6}{25.0}$

$\frac{258.8}{12.5}$

$\frac{255.4}{8.5}$

$\frac{252.8}{4.5}$

$\frac{253.7}{12.0}$

$\frac{251.4}{16.0}$

+25

8.4 252.6

$\frac{266.6}{25.0}$

$\frac{260.4}{15.5}$

$\frac{257.6}{14.0}$

$\frac{252.5}{3.5}$

$\frac{253.0}{10.5}$

$\frac{250.7}{13.0}$

+50

8.1 252.9

$\frac{268.3}{25.0}$

$\frac{257.7}{10.5}$

$\frac{255.5}{10.0}$

$\frac{253.1}{5.5}$

$\frac{253.3}{10.5}$

$\frac{251.4}{13.0}$

+75

7.6 253.4

$\frac{271.2}{25.0}$

$\frac{258.5}{8.0}$

$\frac{255.0}{7.0}$

$\frac{253.4}{5.5}$

$\frac{254.1}{10.5}$

$\frac{251.4}{12.5}$

869+00

6.7 254.3

$\frac{273.1}{25.0}$

$\frac{261.0}{7.5}$

$\frac{254.7}{4.0}$

$\frac{254.8}{11.0}$

$\frac{252.3}{12.0}$

+25

5.8 255.2

$\frac{274.0}{25.0}$

$\frac{260.5}{7.0}$

$\frac{255.1}{4.0}$

$\frac{255.8}{12.0}$

$\frac{253.0}{14.0}$

+50

4.7 256.3

$\frac{274.8}{25.0}$

$\frac{267.0}{15.0}$

$\frac{260.0}{7.0}$

$\frac{256.3}{4.5}$

$\frac{257.1}{13.5}$

$\frac{252.1}{15.0}$

+75

3.3 257.7

$\frac{278.1}{25.0}$

$\frac{266.1}{7.5}$

$\frac{262.8}{5.5}$

$\frac{257.6}{4.0}$

$\frac{258.4}{14.0}$

$\frac{253.5}{16.0}$

261.02

870+00 2.0 259.0 ✓
 +25 0.5 260.5 ✓
 T.P. 0.01 261.01 ✓
 3.00 264.01 ✓

$\frac{2830}{250} \frac{2783}{190} \quad \frac{274.3}{17.0} \quad \frac{263.7}{7.0} \quad \frac{259.0}{4.0} \quad \frac{259.9}{14.0} \quad \frac{255.0}{16.5}$
 $\frac{282.8}{25.0} \quad \frac{277.0}{10.0} \quad \frac{263.5}{5.0} \quad \frac{260.5}{2.0} \quad \frac{261.6}{15.0} \quad \frac{258.5}{19.5}$

+442 2.6 261.4 ✓
 +642 1.8 262.2 ✓

$\frac{285.8}{25.0} \quad \frac{277.6}{8.5} \quad \frac{261.6}{2.0} \quad \frac{263.0}{16.0} \quad \frac{260.6}{21.0}$
 $\frac{285.7}{25.0} \quad \frac{281.2}{15.0} \quad \frac{267.2}{7.0} \quad \frac{262.5}{3.0} \quad \frac{263.6}{18.0} \quad \frac{261.8}{21.5}$

+722 E.C. 1.9 262.1 ✓

$\frac{285.8}{25.0} \quad \frac{281.6}{16.0} \quad \frac{266.7}{7.5} \quad \frac{262.3}{3.0} \quad \frac{263.3}{15.0} \quad \frac{261.1}{18.5}$

871+00 2.3 261.7 ✓

$\frac{283.7}{25.0} \quad \frac{276.0}{15.0} \quad \frac{261.8}{4.0} \quad \frac{262.0}{13.0} \quad \frac{259.3}{15.5}$

+25 3.1 260.9 ✓

$\frac{284.0}{25.0} \quad \frac{270.0}{8.0} \quad \frac{261.0}{3.5} \quad \frac{261.3}{14.0} \quad \frac{255.0}{16.0}$

+50 3.9 260.1 ✓

$\frac{285.1}{25.0} \quad \frac{269.2}{6.0} \quad \frac{260.2}{3.0} \quad \frac{260.5}{12.0} \quad \frac{257.7}{15.0}$

+75 4.8 259.2 ✓

$\frac{284.7}{25.0} \quad \frac{274.4}{14.0} \quad \frac{270.6}{11.0} \quad \frac{266.4}{6.5} \quad \frac{259.4}{2.0} \quad \frac{260.0}{13.0} \quad \frac{255.0}{16.0}$

872+00 5.3 258.7 ✓

$\frac{278.3}{25.0} \quad \frac{267.0}{6.5} \quad \frac{258.8}{2.5} \quad \frac{259.3}{12.0} \quad \frac{257.0}{14.0}$

+16⁴³ B.C. 5.7 258.3 ✓

$\frac{279.0}{25.0} \quad \frac{264.5}{5.0} \quad \frac{258.3}{2.5} \quad \frac{259.0}{13.0} \quad \frac{256.6}{15.0}$

264.01

+41 ²	6.1	257.9	$\frac{278.0}{25.0}$	$\frac{263.2}{6.5}$	$\frac{257.9}{3.0}$	$\frac{258.5}{13.0}$	$\frac{255.7}{20.0}$
#66 ²	6.4	257.6	$\frac{281.2}{25.0}$	$\frac{272.9}{18.0}$	$\frac{274.1}{17.0}$	$\frac{262.6}{5.5}$	$\frac{257.4}{16.0}$
+91 ²	6.3	257.7	$\frac{281.7}{25.0}$	$\frac{267.3}{7.0}$	$\frac{257.7}{2.5}$	$\frac{258.2}{11.0}$	$\frac{254.0}{16.5}$
873+05 ² E.C.	6.3	257.7	$\frac{278.8}{25.0}$	$\frac{263.7}{6.0}$	$\frac{258.0}{3.0}$	$\frac{258.5}{12.0}$	$\frac{255.5}{16.0}$
+25	6.2	257.8	$\frac{280.2}{25.0}$	$\frac{266.8}{7.0}$	$\frac{257.9}{3.5}$	$\frac{258.7}{12.0}$	$\frac{257.6}{15.0}$
+50	6.0	258.0	$\frac{277.3}{25.0}$	$\frac{267.0}{9.5}$	$\frac{258.1}{4.0}$	$\frac{258.6}{14.0}$	$\frac{253.0}{15.0}$
+79 ²	5.8	258.2	$\frac{275.2}{25.0}$	$\frac{264.2}{6.0}$	$\frac{258.2}{3.0}$	$\frac{258.7}{12.0}$	$\frac{257.2}{13.5}$
874+00	5.6	258.4	$\frac{274.4}{25.0}$	$\frac{268.2}{12.0}$	$\frac{262.5}{6.0}$	$\frac{258.5}{3.0}$	$\frac{258.8}{12.0}$
+25	5.4	258.6	$\frac{278.7}{25.0}$	$\frac{271.3}{20.0}$	$\frac{264.1}{15.0}$	$\frac{261.6}{5.5}$	$\frac{258.6}{3.0}$
+50	5.4	258.6	$\frac{281.9}{25.0}$	$\frac{269.0}{9.0}$	$\frac{258.6}{3.0}$	$\frac{259.3}{14.0}$	$\frac{257.2}{18.0}$
+75	5.3	258.7	$\frac{278.6}{25.0}$	$\frac{268.2}{8.0}$	$\frac{258.8}{3.0}$	$\frac{259.3}{13.0}$	$\frac{257.3}{16.5}$
875+04 ²	5.8	258.2	$\frac{279.7}{25.0}$	$\frac{270.0}{8.0}$	$\frac{258.1}{3.0}$	$\frac{259.7}{16.5}$	$\frac{257.2}{20.0}$

264.01

+24 ²		6.5	257.5	$\frac{277.6}{25.0}$	$\frac{269.8}{7.0}$	$\frac{257.6}{3.0}$	$\frac{258.4}{14.5}$	$\frac{256.0}{19.0}$
T.P.	0.65	5.83	258.18	$\frac{277.2}{25.0}$	$\frac{265.2}{6.2}$	$\frac{256.3}{2.5}$	$\frac{256.9}{14.0}$	$\frac{253.1}{17.0}$
+50		2.6	256.2					
+75		4.2	254.6	$\frac{273.6}{25.0}$	$\frac{267.6}{15.0}$	$\frac{266.6}{14.2}$	$\frac{260.0}{5.2}$	$\frac{254.6}{2.0}$
876		6.0	252.8	$\frac{271.1}{25.0}$	$\frac{260.8}{5.0}$	$\frac{252.9}{2.5}$	$\frac{253.8}{13.0}$	$\frac{251.0}{16.0}$
+25		2.5	251.3	$\frac{266.1}{25.0}$	$\frac{256.6}{6.2}$	$\frac{251.3}{2.5}$	$\frac{251.9}{12.0}$	$\frac{248.7}{16.0}$
+53	P.I.	9.3	249.5	$\frac{268.3}{25.0}$	$\frac{257.0}{10.5}$	$\frac{255.0}{7.2}$	$\frac{253.5}{5.2}$	$\frac{249.8}{2.5}$
+75		10.4	248.4	$\frac{268.3}{25.0}$	$\frac{257.0}{10.5}$	$\frac{255.0}{7.2}$	$\frac{253.5}{5.2}$	$\frac{249.8}{2.5}$
877+00		12.7	246.1	$\frac{254.0}{25.0}$	$\frac{249.8}{4.5}$	$\frac{246.5}{1.2}$	$\frac{248.0}{20.0}$	$\frac{245.5}{25.0}$
T.P.		12.89	245.94					
	0.94		246.88					
+23 ⁵⁷		2.6	244.3	$\frac{258.5}{25.0}$	$\frac{254.8}{15.0}$	$\frac{248.6}{4.5}$	$\frac{244.6}{2.0}$	$\frac{245.9}{21.0}$
+48 ⁵		4.4	242.5	$\frac{257.4}{25.0}$	$\frac{253.5}{15.0}$	$\frac{247.1}{6.5}$	$\frac{242.3}{3.0}$	$\frac{243.6}{77.0}$
+73 ⁶		5.9	241.0	$\frac{255.5}{25.0}$	$\frac{251.9}{17.0}$	$\frac{243.5}{6.2}$	$\frac{240.8}{3.2}$	$\frac{241.8}{13.0}$

246.88

878+00

7.5 239.4 ✓

$\frac{252.9}{250}$

$\frac{292.4}{40} \frac{239.3}{25}$

$\frac{290.0}{130}$

$\frac{239.1}{170}$

+25

8.7 238.2 ✓

$\frac{298.5}{250}$

$\frac{241.0}{120} \frac{238.6}{30}$

$\frac{239.2}{150}$

$\frac{237.3}{190}$

+46.3

9.3 237.6 ✓

$\frac{249.4}{250}$

$\frac{245.8}{200} \frac{241.1}{45} \frac{237.9}{30}$

$\frac{238.5}{140}$

$\frac{236.2}{190}$

+66.9

9.8 237.1 ✓

$\frac{248.6}{250}$

$\frac{250.3}{30} \frac{237.5}{20}$

$\frac{238.1}{180}$

$\frac{236.1}{230}$

+79.3 E.C.

10.2 236.7 ✓

$\frac{250.9}{250}$

$\frac{240.2}{70} \frac{239.0}{30} \frac{236.9}{30}$

$\frac{237.8}{190}$

$\frac{234.8}{250}$

879+00

10.0 236.9 ✓

$\frac{249.6}{250}$

$\frac{247.8}{210} \frac{245.3}{180} \frac{240.7}{50} \frac{236.9}{30}$

$\frac{237.6}{160}$

$\frac{235.9}{190}$

+25

10.0 236.9 ✓

$\frac{249.3}{250}$

$\frac{244.6}{140} \frac{241.9}{55} \frac{236.8}{40}$

$\frac{237.6}{150}$

$\frac{235.3}{170}$

T.P.

9.80 237.08 ✓

7.85 244.93

+50

7.9 237.0 ✓

$\frac{249.8}{250}$

$\frac{241.0}{90} \frac{236.9}{60}$

$\frac{237.4}{130}$

$\frac{235.0}{170}$

+75

8.0 236.9 ✓

$\frac{247.7}{250}$

$\frac{241.1}{90} \frac{236.6}{60}$

$\frac{237.4}{140}$

$\frac{235.0}{170}$

880+00

8.1 236.8 ✓

$\frac{250.8}{250}$

$\frac{241.0}{60} \frac{236.9}{40}$

$\frac{237.5}{150}$

$\frac{235.2}{190}$

+27.9

8.1 236.8 ✓

$\frac{246.2}{250}$

$\frac{239.7}{50} \frac{237.1}{30}$

$\frac{237.6}{180}$

$\frac{236.2}{230}$

+50

7.6 237.3 ✓

$\frac{246.2}{250}$

$\frac{240.4}{60} \frac{237.1}{40}$

$\frac{237.8}{160}$

$\frac{236.3}{210}$

244.93

+75	7.3	237.6 ✓	$\frac{246.2}{250}$	$\frac{240.9}{60}$	$\frac{237.5}{40}$	$\frac{238.1}{140}$	$\frac{235.7}{180}$
-881+00	7.1	237.8 ✓	$\frac{249.6}{250}$	$\frac{241.3}{50}$	$\frac{237.7}{30}$	$\frac{238.7}{200}$	$\frac{236.0}{240}$
+25	6.9	238.0 ✓	$\frac{248.6}{250}$	$\frac{242.0}{50}$	$\frac{238.9}{30}$	$\frac{238.7}{180}$	$\frac{240.2}{170}$
+50	6.7	238.2 ✓	$\frac{250.1}{250}$	$\frac{242.2}{55}$	$\frac{238.4}{20}$	$\frac{238.2}{150}$	$\frac{237.0}{200}$
+75	6.5	238.4 ✓	$\frac{249.9}{250}$	$\frac{242.1}{50}$	$\frac{238.3}{30}$	$\frac{238.9}{130}$	$\frac{236.2}{150}$
882+00	6.1	238.8 ✓	$\frac{248.4}{250}$	$\frac{242.3}{90}$	$\frac{238.9}{30}$	$\frac{239.2}{140}$	$\frac{235.0}{160}$
+25	5.6	239.3 ✓	$\frac{251.7}{250}$	$\frac{243.7}{40}$	$\frac{239.3}{20}$	$\frac{239.7}{140}$	$\frac{236.1}{170}$
+50	5.1	239.8 ✓	$\frac{253.3}{250}$	$\frac{245.7}{40}$	$\frac{239.8}{20}$	$\frac{240.1}{140}$	$\frac{237.3}{170}$
+75	4.4	240.5 ✓	$\frac{245.6}{250}$	$\frac{248.9}{50}$	$\frac{240.5}{10}$	$\frac{241.1}{150}$	$\frac{238.8}{180}$
883+00	3.8	241.1 ✓	$\frac{258.3}{250}$	$\frac{251.1}{50}$	$\frac{241.3}{10}$	$\frac{240.4}{160}$	$\frac{238.9}{200}$
+25	3.3	241.6 ✓	$\frac{261.5}{250}$	$\frac{254.9}{60}$	$\frac{241.8}{20}$	$\frac{242.3}{150}$	$\frac{237.4}{200}$
+50	2.8	242.1 ✓	$\frac{256.6}{250}$	$\frac{253.6}{200}$	$\frac{247.6}{160}$	$\frac{244.1}{100}$	$\frac{241.9}{60}$
						$\frac{242.3}{110}$	$\frac{238.1}{140}$

244.93

+75		2.5	242.4 ✓	$\frac{245.9}{25^{\circ}}$	$\frac{242.0}{8^{\circ}}$	$\frac{243.1}{11^{\circ}}$	$\frac{235.0}{15^{\circ}}$
884+00		1.8	243.1 ✓	$\frac{244.7}{25^{\circ}}$	$\frac{242.8}{10^{\circ}}$	$\frac{243.5}{12^{\circ}}$	$\frac{238.6}{15^{\circ}}$
+25		0.8	244.1 ✓	$\frac{261.4}{25^{\circ}}$	$\frac{254.3}{8^{\circ}}$	$\frac{246.2}{6^{\circ}}$	$\frac{244.1}{3^{\circ}}$
T.P.		0.19	244.74 ✓		$\frac{244.6}{12^{\circ}}$	$\frac{241.8}{17^{\circ}}$	
	12.75		257.49				
+472		11.9	245.6 ✓	$\frac{260.2}{25^{\circ}}$	$\frac{253.3}{6^{\circ}}$	$\frac{245.4}{3^{\circ}}$	$\frac{246.1}{15^{\circ}}$
+722		10.4	247.1 ✓	$\frac{258.9}{25^{\circ}}$	$\frac{252.6}{5^{\circ}}$	$\frac{247.0}{3^{\circ}}$	$\frac{247.7}{12^{\circ}}$
+972		9.2	248.3 ✓	$\frac{258.6}{25^{\circ}}$	$\frac{251.7}{5^{\circ}}$	$\frac{248.3}{3^{\circ}}$	$\frac{249.1}{13^{\circ}}$
885+222		8.0	249.5 ✓	$\frac{260.1}{25^{\circ}}$	$\frac{252.6}{5^{\circ}}$	$\frac{249.5}{3^{\circ}}$	$\frac{250.1}{12^{\circ}}$
+472		6.4	251.1 ✓	$\frac{262.6}{25^{\circ}}$	$\frac{255.3}{6^{\circ}}$	$\frac{250.9}{3^{\circ}}$	$\frac{247.5}{16^{\circ}}$
+722		5.7	252.4 ✓	$\frac{265.6}{25^{\circ}}$	$\frac{256.5}{6^{\circ}}$	$\frac{252.3}{3^{\circ}}$	$\frac{251.6}{12^{\circ}}$
886+00		3.4	254.1 ✓	$\frac{270.2}{25^{\circ}}$	$\frac{261.2}{5^{\circ}}$	$\frac{254.1}{2^{\circ}}$	$\frac{251.0}{12^{\circ}}$
+25		2.0	255.5 ✓	$\frac{273.9}{25^{\circ}}$	$\frac{264.3}{6^{\circ}}$	$\frac{255.7}{2^{\circ}}$	$\frac{252.2}{16^{\circ}}$
+50		1.0	256.5 ✓	$\frac{276.2}{25^{\circ}}$	$\frac{266.5}{6^{\circ}}$	$\frac{256.6}{2^{\circ}}$	$\frac{257.3}{12^{\circ}}$
							$\frac{259.8}{16^{\circ}}$

257.49

+70		0.7	256.8 ✓
887+00		1.0	256.5 ✓
+25		1.4	256.1 ✓
+49		2.1	255.4 ✓
+59		2.7	254.8 ✓
+42	E.C.	3.5	254.0 ✓
T.P.	0.34	254.34	3.49 254.00 ✓
888		1.0	253.3 ✓
+25		2.0	252.3 ✓
+45		2.5	251.8 ✓
+75		3.0	251.3 ✓
889		3.7	250.6 ✓
+25		4.2	250.0 ✓

$\frac{278.6}{25.0}$	$\frac{268.7}{8.0}$	$\frac{256.9}{2.0}$	$\frac{257.9}{12.5}$	$\frac{253.3}{15.0}$
$\frac{278.5}{25.0}$	$\frac{271.6}{13.0}$	$\frac{268.2}{10.0}$	$\frac{265.7}{7.0}$	$\frac{256.7}{4.0}$
$\frac{270.5}{25.0}$	$\frac{260.0}{9.0}$	$\frac{256.3}{6.0}$	$\frac{257.3}{11.0}$	$\frac{250.7}{16.0}$
$\frac{269.4}{25.0}$	$\frac{263.3}{8.0}$	$\frac{255.4}{4.0}$	$\frac{256.6}{13.0}$	$\frac{251.6}{15.0}$
$\frac{278.3}{25.0}$	$\frac{266.9}{7.0}$	$\frac{255.2}{4.0}$	$\frac{257.5}{14.0}$	$\frac{254.0}{17.0}$
$\frac{263.1}{25.0}$	$\frac{259.5}{19.0}$	$\frac{258.3}{12.0}$	$\frac{256.4}{7.0}$	$\frac{253.8}{4.0}$
$\frac{273.6}{25.0}$	$\frac{261.8}{6.0}$	$\frac{253.2}{3.0}$	$\frac{259.1}{13.0}$	$\frac{250.7}{16.0}$
$\frac{262.4}{25.0}$	$\frac{257.0}{4.5}$	$\frac{252.3}{3.0}$	$\frac{253.7}{12.5}$	$\frac{256.0}{16.5}$
$\frac{267.0}{25.0}$	$\frac{256.8}{8.5}$	$\frac{251.8}{5.5}$	$\frac{253.3}{15.0}$	$\frac{251.3}{19.5}$
$\frac{261.0}{25.0}$	$\frac{253.9}{16.0}$	$\frac{252.5}{11.0}$	$\frac{251.8}{15.0}$	$\frac{249.7}{19.0}$
$\frac{269.4}{25.0}$	$\frac{253.9}{16.0}$	$\frac{252.5}{11.0}$	$\frac{251.8}{14.5}$	$\frac{246.0}{18.0}$
$\frac{269.4}{25.0}$	$\frac{254.6}{4.5}$	$\frac{250.5}{2.5}$	$\frac{251.0}{11.0}$	$\frac{248.4}{16.0}$
$\frac{267.9}{25.0}$	$\frac{251.0}{4.0}$	$\frac{250.1}{2.5}$	$\frac{251.8}{14.5}$	$\frac{246.0}{18.0}$
$\frac{267.9}{25.0}$	$\frac{251.0}{4.0}$	$\frac{250.1}{2.5}$	$\frac{250.7}{13.5}$	$\frac{247.5}{16.5}$

254,34

+50 4.8 249.5 ✓

+73.5 5.1 249.2 ✓

890 +03.5 6.1 248.2 ✓

+23.5 7.0 247.3 ✓

+46.5 7.8 246.5 ✓

+75 8.1 246.2 ✓

891 8.3 246.0 ✓

+25 7.9 246.1 ✓

+50 7.1 247.2 ✓

+75 5.9 248.4 ✓

+96.5 4.7 249.6 ✓

891 +21.5 3.0 251.3 ✓

+41.5 0.9 253.4 ✓

$\frac{267.6}{25.0}$	$\frac{257.3}{5.5}$	$\frac{249.6}{2.5}$	$\frac{250.3}{14.0}$	$\frac{245.0}{17.5}$
$\frac{270.2}{25.0}$	$\frac{264.8}{18.0}$	$\frac{262.6}{11.0}$	$\frac{249.7}{11.5}$	$\frac{244.2}{15.0}$
$\frac{266.4}{25.0}$	$\frac{257.6}{6.0}$	$\frac{248.2}{4.0}$	$\frac{248.9}{11.0}$	$\frac{245.7}{15.0}$
$\frac{263.9}{25.0}$	$\frac{257.3}{7.5}$	$\frac{247.3}{3.0}$	$\frac{248.2}{14.0}$	$\frac{246.3}{17.0}$
$\frac{261.1}{35.0}$	$\frac{255.0}{6.0}$	$\frac{246.7}{2.5}$	$\frac{247.5}{14.0}$	$\frac{245.3}{18.0}$
	$\frac{249.4}{25.0}$	$\frac{246.2}{3.0}$	$\frac{246.7}{13.0}$	$\frac{240.0}{17.5}$
$\frac{255.1}{25.0}$	$\frac{247.3}{13.5}$	$\frac{246.6}{4.5}$	$\frac{246.5}{13.0}$	$\frac{240.4}{16.5}$
$\frac{256.0}{25.0}$	$\frac{250.4}{17.0}$	$\frac{247.6}{4.5}$	$\frac{247.0}{16.0}$	$\frac{244.4}{19.0}$
$\frac{257.0}{25.0}$	$\frac{254.5}{5.5}$	$\frac{253.4}{4.5}$	$\frac{247.6}{12.0}$	$\frac{250.2}{17.0}$
		$\frac{247.3}{2.5}$	$\frac{259.0}{21.5}$	
$\frac{251.7}{25.0}$	$\frac{251.0}{22.0}$	$\frac{248.5}{4.5}$	$\frac{248.8}{11.0}$	$\frac{245.6}{14.5}$
	$\frac{250.7}{25.0}$	$\frac{249.8}{8.0}$	$\frac{250.0}{11.0}$	$\frac{246.0}{14.0}$
$\frac{267.8}{25.0}$	$\frac{252.8}{4.5}$	$\frac{251.4}{2.5}$	$\frac{252.2}{14.0}$	$\frac{253.4}{17.0}$
				$\frac{251.8}{21.5}$
$\frac{270.7}{25.0}$	$\frac{262.8}{6.0}$	$\frac{253.6}{2.5}$	$\frac{253.9}{13.0}$	$\frac{258.0}{18.0}$
				$\frac{256.4}{23.0}$

	254.34		
T.P. 4.52	258.54	0.32	254.02
892+75		3.5	255.0
893		3.0	255.5
+25		2.5	256.0
+53 ⁶		2.5	256.0
+73 ⁶		2.8	255.7
894		2.8	255.7
+11		3.0	255.5
+36		3.3	255.2
+61		3.6	254.9
+81		4.1	254.4
895		4.5	254.0
+25		4.9	253.6

$\frac{263.1}{25.0}$	$\frac{261.0}{5.0}$	$\frac{255.1}{3.0}$	$\frac{255.2}{15.0}$	$\frac{255.0}{18.5}$
$\frac{266.0}{25.0}$	$\frac{257.9}{7.0}$	$\frac{257.3}{4.0}$	$\frac{255.5}{3.0}$	$\frac{255.7}{15.0}$
$\frac{271.1}{25.0}$	$\frac{263.6}{6.0}$	$\frac{256.1}{2.5}$	$\frac{256.0}{20.0}$	$\frac{254.5}{23.0}$
$\frac{268.2}{25.0}$	$\frac{260.5}{5.5}$	$\frac{256.3}{3.5}$	$\frac{256.3}{15.0}$	$\frac{254.5}{16.5}$
$\frac{266.4}{25.0}$	$\frac{261.1}{9.0}$	$\frac{258.5}{4.0}$	$\frac{255.7}{3.0}$	$\frac{256.1}{14.0}$
$\frac{268.8}{25.0}$	$\frac{264.8}{8.5}$	$\frac{255.6}{3.5}$	$\frac{256.0}{14.0}$	$\frac{252.4}{18.0}$
$\frac{265.4}{25.0}$	$\frac{259.1}{8.5}$	$\frac{255.4}{4.0}$	$\frac{255.6}{12.0}$	$\frac{253.0}{16.0}$
$\frac{267.0}{25.0}$	$\frac{260.0}{6.0}$	$\frac{255.7}{3.0}$	$\frac{255.6}{12.5}$	$\frac{253.4}{17.0}$
$\frac{265.0}{25.0}$	$\frac{260.5}{6.0}$	$\frac{254.8}{4.5}$	$\frac{255.3}{14.0}$	$\frac{253.3}{18.0}$
$\frac{260.5}{25.0}$	$\frac{257.0}{6.5}$	$\frac{254.3}{4.5}$	$\frac{254.7}{12.0}$	$\frac{249.7}{15.5}$
$\frac{267.3}{25.0}$	$\frac{260.6}{6.5}$	$\frac{254.0}{3.0}$	$\frac{254.4}{14.0}$	$\frac{252.7}{19.5}$
$\frac{267.6}{25.0}$	$\frac{260.4}{5.5}$	$\frac{253.6}{2.5}$	$\frac{254.0}{17.0}$	$\frac{252.8}{21.0}$

258.54

895+50	5.4	253.1 ✓
+75	5.7	252.8 ✓
896	6.2	252.3 ✓
+30 ⁸	6.4	252.1 ✓
+55 ⁸	6.9	251.6 ✓
+75 ²	7.1	251.4 ✓
897	7.1	251.4 ✓
+25	7.2	251.3 ✓
+50	7.3	251.2 ✓
+75	7.6	250.9 ✓
898	7.9	250.6 ✓
+25	7.8	250.7 ✓

$\frac{261.3}{25.0}$	$\frac{257.4}{5.5}$	$\frac{253.1}{3.0}$	$\frac{253.6}{15.5}$	$\frac{257.6}{20.0}$
	$\frac{254.6}{25.0}$	$\frac{252.8}{3.5}$	$\frac{253.1}{12.0}$	$\frac{246.0}{14.0}$
$\frac{263.5}{25.0}$	$\frac{257.3}{4.5}$	$\frac{253.3}{2.5}$	$\frac{253.0}{15.0}$	$\frac{251.3}{19.5}$
$\frac{261.6}{25.0}$	$\frac{255.7}{6.5}$	$\frac{252.1}{4.0}$	$\frac{252.7}{15.0}$	$\frac{251.4}{19.5}$
$\frac{260.6}{25.0}$	$\frac{256.3}{6.0}$	$\frac{251.7}{3.5}$	$\frac{251.9}{14.0}$	$\frac{250.0}{17.5}$
$\frac{260.1}{25.0}$	$\frac{254.1}{4.5}$	$\frac{251.5}{2.0}$	$\frac{252.0}{14.0}$	$\frac{250.2}{18.5}$
$\frac{259.9}{25.0}$	$\frac{255.0}{5.5}$	$\frac{251.4}{3.0}$	$\frac{252.0}{14.0}$	$\frac{250.6}{17.0}$
$\frac{256.3}{25.0}$	$\frac{254.0}{6.0}$	$\frac{251.1}{5.0}$	$\frac{251.6}{11.0}$	$\frac{246.7}{14.0}$
$\frac{257.9}{25.0}$	$\frac{253.8}{7.0}$	$\frac{250.8}{5.0}$	$\frac{251.3}{14.0}$	$\frac{250.2}{18.0}$
$\frac{257.9}{25.0}$	$\frac{253.5}{6.5}$	$\frac{250.5}{4.5}$	$\frac{251.0}{13.0}$	$\frac{249.1}{16.5}$
$\frac{258.6}{25.0}$	$\frac{253.6}{6.0}$	$\frac{250.6}{5.5}$	$\frac{251.0}{14.5}$	$\frac{250.3}{17.0}$
$\frac{258.4}{25.0}$	$\frac{253.8}{6.5}$	$\frac{250.8}{2.5}$	$\frac{251.1}{14.0}$	$\frac{249.7}{17.5}$

258.54

898+50

7.6 250.9 ✓

$\frac{258.1}{25.0}$

$\frac{254.7}{7.5}$

$\frac{250.7}{3.0}$

$\frac{251.3}{14.0}$

$\frac{249.3}{18.0}$

+75

7.3 251.2 ✓

$\frac{257.9}{25.0}$

$\frac{252.7}{5.0}$

$\frac{250.9}{3.5}$

$\frac{251.8}{12.5}$

$\frac{250.0}{16.0}$

899

6.9 251.6 ✓

$\frac{258.6}{25.0}$

$\frac{253.3}{8.5}$

$\frac{251.7}{6.0}$

$\frac{252.2}{13.5}$

$\frac{250.4}{17.0}$

+25

6.3 252.2 ✓

$\frac{259.7}{25.0}$

$\frac{255.6}{8.0}$

$\frac{252.1}{4.0}$

$\frac{252.9}{17.0}$

$\frac{251.3}{21.0}$

+59

5.5 253.0 ✓

$\frac{262.1}{25.0}$

$\frac{259.0}{8.0}$

$\frac{253.1}{2.5}$

$\frac{263.2}{25.0}$

+75

5.0 253.5 ✓

$\frac{261.5}{25.0}$

$\frac{257.6}{4.5}$

$\frac{253.5}{2.5}$

$\frac{253.6}{22.0}$

$\frac{252.7}{25.0}$

900

4.3 254.2 ✓

$\frac{260.5}{25.0}$

$\frac{255.9}{4.0}$

$\frac{254.3}{3.0}$

$\frac{254.9}{14.5}$

$\frac{252.7}{18.0}$

T.P. 8.57

263.43

3.68 254.86 ✓

$\frac{258.9}{25.0}$

$\frac{250.7}{5.5}$

$\frac{254.4}{3.2}$

$\frac{254.7}{12.0}$

$\frac{251.3}{15.0}$

+182

9.0 254.4 ✓

+43.2

8.6 254.8 ✓

$\frac{258.7}{25.0}$

$\frac{256.3}{7.0}$

$\frac{254.5}{3.0}$

$\frac{255.3}{14.0}$

$\frac{252.9}{19.0}$

+68.2

8.1 255.3 ✓

$\frac{258.4}{25.0}$

$\frac{256.4}{5.5}$

$\frac{255.2}{4.5}$

$\frac{253.7}{16.0}$

$\frac{253.6}{17.0}$

+89

7.8 255.6 ✓

$\frac{263.0}{23.0}$

$\frac{263.2}{16.0}$

$\frac{260.4}{12.0}$

$\frac{258.6}{6.0}$

$\frac{255.7}{3.2}$

$\frac{256.0}{12.0}$

$\frac{257.3}{16.0}$

$\frac{255.7}{21.0}$

901

7.6 255.8 ✓

$\frac{264.5}{25.0}$

$\frac{262.4}{8.0}$

$\frac{259.9}{6.5}$

$\frac{255.8}{3.0}$

$\frac{256.2}{11.0}$

$\frac{256.9}{15.0}$

$\frac{253.4}{20.0}$

263.43

+27	7.4	256.0	$\frac{268.1}{250}$	$\frac{261.5}{50}$	$\frac{256.0}{30}$	$\frac{256.8}{150}$	$\frac{259.6}{180}$		
+47	7.3	256.1	$\frac{270.9}{250}$	$\frac{265.0}{80}$	$\frac{259.3}{40}$	$\frac{256.2}{30}$	$\frac{257.2}{140}$	$\frac{255.8}{180}$	
+67	7.4	256.0	$\frac{270.6}{250}$	$\frac{266.0}{80}$	$\frac{256.0}{40}$	$\frac{257.1}{170}$	$\frac{255.6}{220}$		
+87	8.0	255.4	$\frac{272.6}{250}$	$\frac{266.3}{110}$	$\frac{260.6}{70}$	$\frac{255.2}{50}$	$\frac{256.5}{130}$	$\frac{256.6}{210}$	
90x	8.6	254.8	$\frac{273.6}{250}$	$\frac{267.5}{160}$	$\frac{261.8}{110}$	$\frac{255.0}{60}$	$\frac{256.3}{210}$		
+25	9.6	253.8	$\frac{269.4}{250}$	$\frac{265.8}{140}$	$\frac{259.8}{80}$	$\frac{254.3}{120}$	$\frac{253.4}{210}$		
+55	10.7	252.7	$\frac{269.9}{250}$	$\frac{255.8}{140}$	$\frac{253.0}{120}$	$\frac{252.1}{100}$	$\frac{250.5}{190}$		
+75	11.6	251.8	$\frac{252.6}{250}$			$\frac{251.9}{170}$	$\frac{247.6}{210}$		
+95	11.9	251.5	$\frac{252.2}{250}$		$\frac{251.7}{100}$	$\frac{251.4}{160}$	$\frac{248.1}{200}$		
90x+25	11.8	251.6	$\frac{251.6}{250}$		$\frac{251.2}{50}$	$\frac{250.7}{120}$	$\frac{247.7}{160}$		
+50	12.4	251.2	$\frac{252.5}{250}$	$\frac{255.8}{100}$	$\frac{253.3}{40}$	$\frac{251.9}{150}$	$\frac{251.2}{210}$		
+75	9.4	254.0	$\frac{264.7}{250}$	$\frac{261.0}{60}$	$\frac{260.8}{60}$	$\frac{256.1}{30}$	$\frac{251.8}{20}$	$\frac{253.0}{170}$	$\frac{252.7}{260}$

263.43

904	8.6	254.8	$\frac{262.8}{250}$	$\frac{258.3}{50}$	$\frac{256.1}{35}$	$\frac{252.1}{20}$	$\frac{253.1}{50}$	$\frac{253.8}{200}$	$\frac{252.9}{230}$	
+25	10.1	253.3	$\frac{262.1}{250}$	$\frac{256.7}{40}$	$\frac{252.9}{20}$	$\frac{254.2}{25}$	$\frac{259.1}{140}$		$\frac{252.2}{170}$	
+50	8.2	255.2	$\frac{264.8}{250}$	$\frac{258.5}{60}$	$\frac{255.9}{30}$		$\frac{255.4}{120}$		$\frac{253.3}{160}$	
+75	6.9	256.5	$\frac{267.5}{250}$	$\frac{259.5}{75}$	$\frac{255.5}{60}$	$\frac{253.9}{40}$	$\frac{254.8}{130}$		$\frac{252.5}{160}$	
905	5.7	257.7	$\frac{272.7}{250}$	$\frac{261.2}{170}$	$\frac{259.1}{120}$	$\frac{258.0}{60}$	$\frac{257.2}{40}$	$\frac{258.2}{160}$	$\frac{254.9}{210}$	
+25	5.0	258.4	$\frac{265.6}{250}$		$\frac{260.8}{190}$	$\frac{258.9}{30}$	$\frac{258.8}{180}$		$\frac{257.4}{220}$	
+50	4.7	258.7	$\frac{269.0}{250}$	$\frac{261.1}{110}$	$\frac{259.6}{30}$	$\frac{258.6}{15}$	$\frac{258.7}{190}$		$\frac{256.8}{220}$	
+75	4.9	258.5	$\frac{275.0}{250}$	$\frac{271.5}{170}$	$\frac{260.5}{80}$	$\frac{259.2}{12}$	$\frac{258.4}{10}$	$\frac{258.5}{170}$	$\frac{256.9}{210}$	
906	5.1	258.3	$\frac{274.7}{250}$	$\frac{270.3}{140}$	$\frac{263.3}{120}$	$\frac{260.1}{80}$	$\frac{259.1}{20}$	$\frac{258.3}{15}$	$\frac{258.7}{160}$	$\frac{256.8}{200}$
+25	5.3	258.1	$\frac{274.0}{250}$	$\frac{269.8}{160}$	$\frac{263.6}{110}$	$\frac{259.8}{30}$	$\frac{258.2}{12}$	$\frac{258.7}{160}$	$\frac{257.6}{180}$	
+50	5.4	258.2	$\frac{273.8}{250}$		$\frac{265.2}{60}$	$\frac{258.2}{20}$	$\frac{258.5}{150}$		$\frac{260.5}{190}$	
+75	5.4	258.2	$\frac{271.0}{250}$		$\frac{263.4}{50}$	$\frac{257.9}{30}$	$\frac{258.3}{120}$		$\frac{255.4}{180}$	

263.43

907 5.3 258.1 ✓

$\frac{269.3}{250}$

$\frac{262.1}{60}$

$\frac{257.5}{45}$

$\frac{258.4}{720}$

$\frac{255.7}{160}$

+25 5.6 257.8 ✓

$\frac{267.3}{250}$

$\frac{261.0}{60}$

$\frac{257.7}{45}$

$\frac{258.0}{100}$

$\frac{255.9}{150}$

+50 5.6 257.8 ✓

$\frac{268.5}{250}$

$\frac{259.6}{50}$

$\frac{257.6}{40}$

$\frac{258.1}{110}$

$\frac{255.9}{150}$

+75 5.4 258.0 ✓

$\frac{269.3}{250}$

$\frac{262.0}{55}$

$\frac{257.6}{30}$

$\frac{258.3}{110}$

$\frac{255.8}{160}$

908 5.2 258.2 ✓

$\frac{270.5}{250}$

$\frac{262.6}{50}$

$\frac{258.1}{30}$

$\frac{258.5}{110}$

$\frac{256.0}{170}$

+25 4.7 258.7 ✓

$\frac{270.5}{250}$

$\frac{263.1}{50}$

$\frac{258.4}{20}$

$\frac{258.9}{110}$

$\frac{256.0}{190}$

+50 4.2 259.2 ✓

$\frac{270.6}{250}$

$\frac{263.9}{40}$

$\frac{259.0}{20}$

$\frac{259.7}{130}$

$\frac{255.3}{200}$

+75 3.6 259.8 ✓

$\frac{269.9}{250}$

$\frac{263.9}{50}$

$\frac{259.5}{30}$

$\frac{260.4}{730}$

$\frac{257.0}{180}$

909 +027 2.8 260.6 ✓

$\frac{270.9}{250}$

$\frac{265.9}{50}$

$\frac{260.4}{30}$

$\frac{261.4}{120}$

$\frac{258.2}{180}$

10.71 271.19 ✓

2.95 260.48 ✓

9.8 ~~261.4~~ ✓

$\frac{271.5}{250}$

$\frac{264.9}{40}$

$\frac{260.8}{20}$

$\frac{262.0}{120}$

$\frac{259.2}{190}$

+282 9.1 262.1 ✓

$\frac{270.8}{250}$

$\frac{269.5}{40}$

$\frac{261.9}{20}$

$\frac{263.4}{150}$

$\frac{261.3}{210}$

+725 8.3 262.9 ✓

$\frac{269.6}{250}$

$\frac{266.0}{40}$

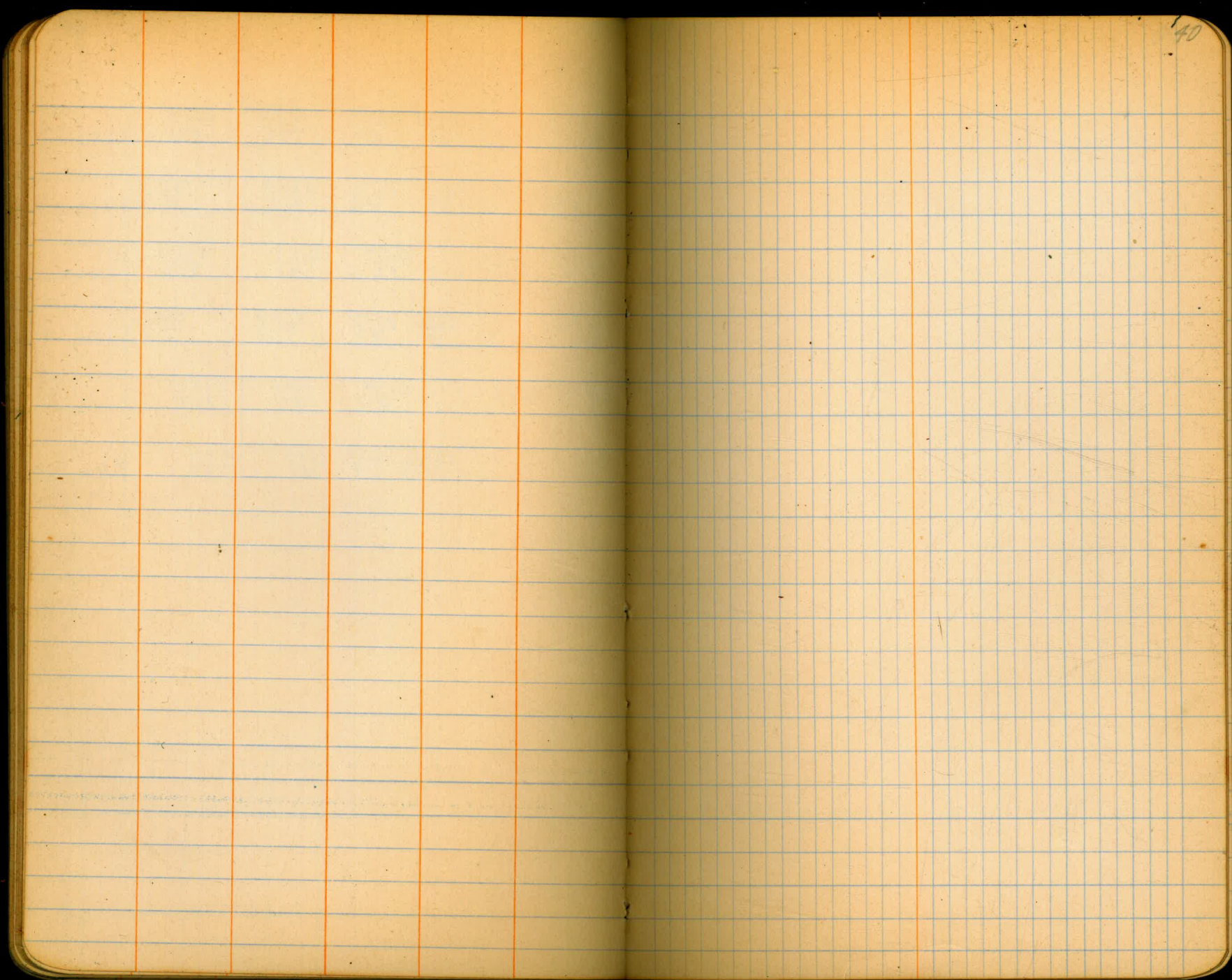
$\frac{262.6}{30}$

$\frac{264.3}{150}$

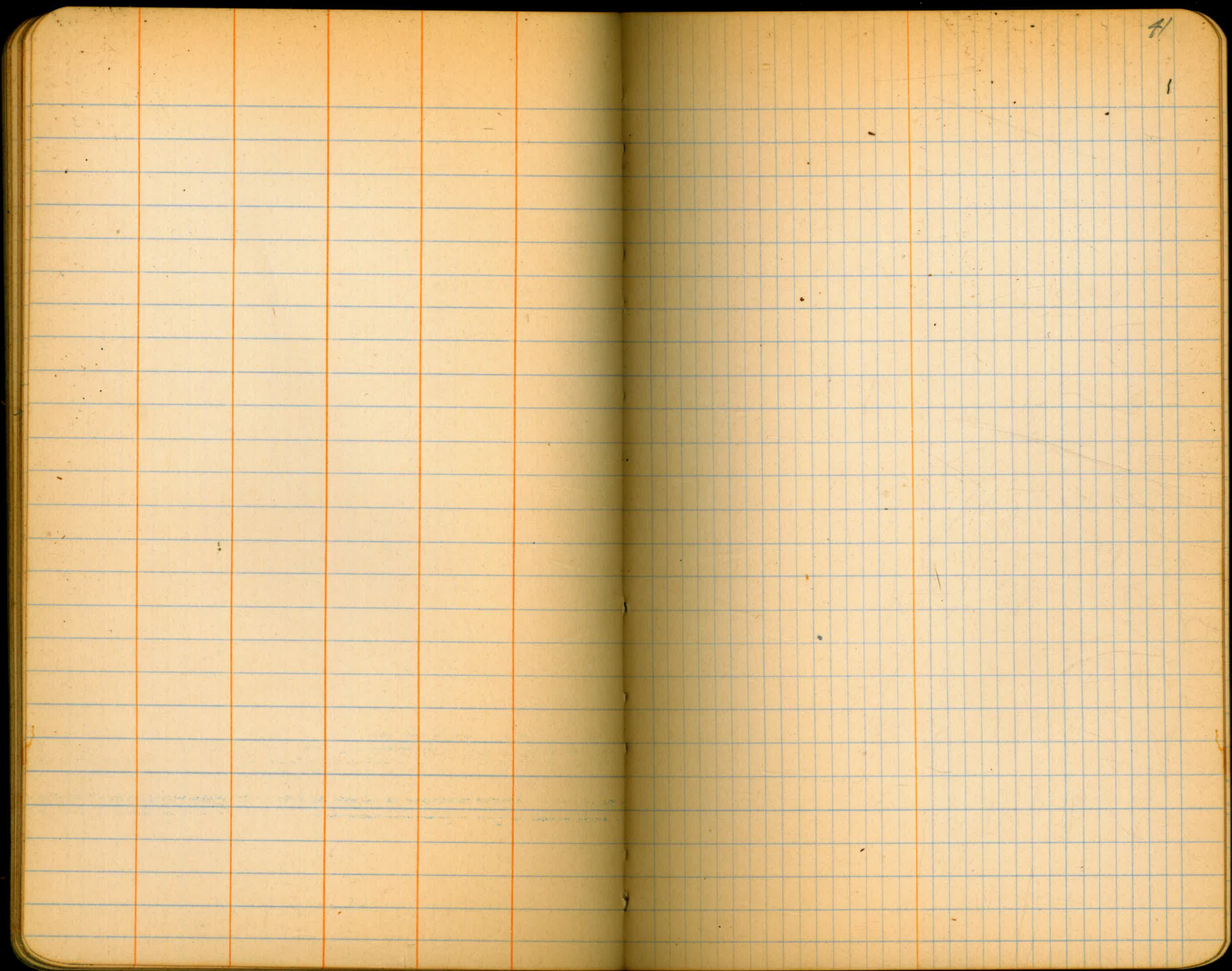
$\frac{263.6}{210}$

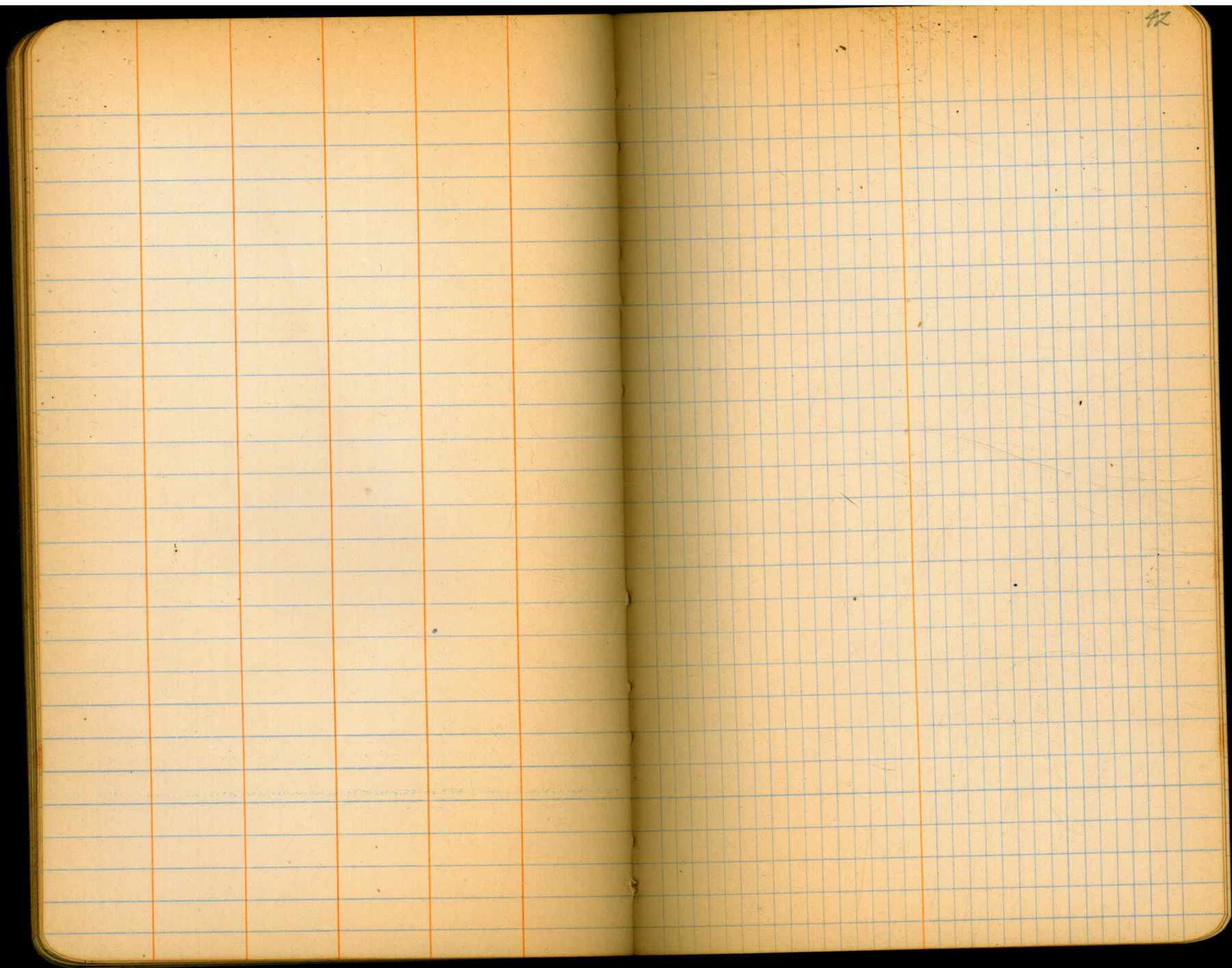
271.19

+92 ⁵	7.4	263.8	$\frac{269.1}{25^{\circ}}$	$\frac{267.0}{6^{\circ}}$	$\frac{268.3}{4^{\circ}}$	$\frac{265.3}{15^{\circ}}$	$\frac{265.0}{21^{\circ}}$
910 +22 ⁵	6.6	264.6	$\frac{268.8}{25^{\circ}}$	$\frac{266.8}{6^{\circ}}$	$\frac{267.2}{4^{\circ}}$	$\frac{265.9}{14^{\circ}}$	$\frac{266.1}{25^{\circ}}$
+52 ⁵	6.5	264.7	$\frac{268.4}{25^{\circ}}$	$\frac{266.6}{4^{\circ}}$	$\frac{267.4}{3^{\circ}}$	$\frac{265.9}{16^{\circ}}$	$\frac{265.2}{25^{\circ}}$
+72 ⁵	6.8	264.4	$\frac{268.0}{25^{\circ}}$	$\frac{266.1}{4^{\circ}}$	$\frac{264.2}{3^{\circ}}$	$\frac{265.4}{16^{\circ}}$	$\frac{264.4}{21^{\circ}}$
+92 ⁵	7.4	263.8	$\frac{267.4}{25^{\circ}}$	$\frac{265.6}{5^{\circ}}$	$\frac{263.4}{4^{\circ}}$	$\frac{264.8}{15^{\circ}}$	$\frac{263.2}{20^{\circ}}$
911 +13 ⁴	7.6	263.6	$\frac{267.1}{25^{\circ}}$	$\frac{262.1}{5^{\circ}}$	$\frac{263.1}{3^{\circ}}$	$\frac{264.4}{14^{\circ}}$	$\frac{263.0}{18^{\circ}}$
	3.84	267.35					

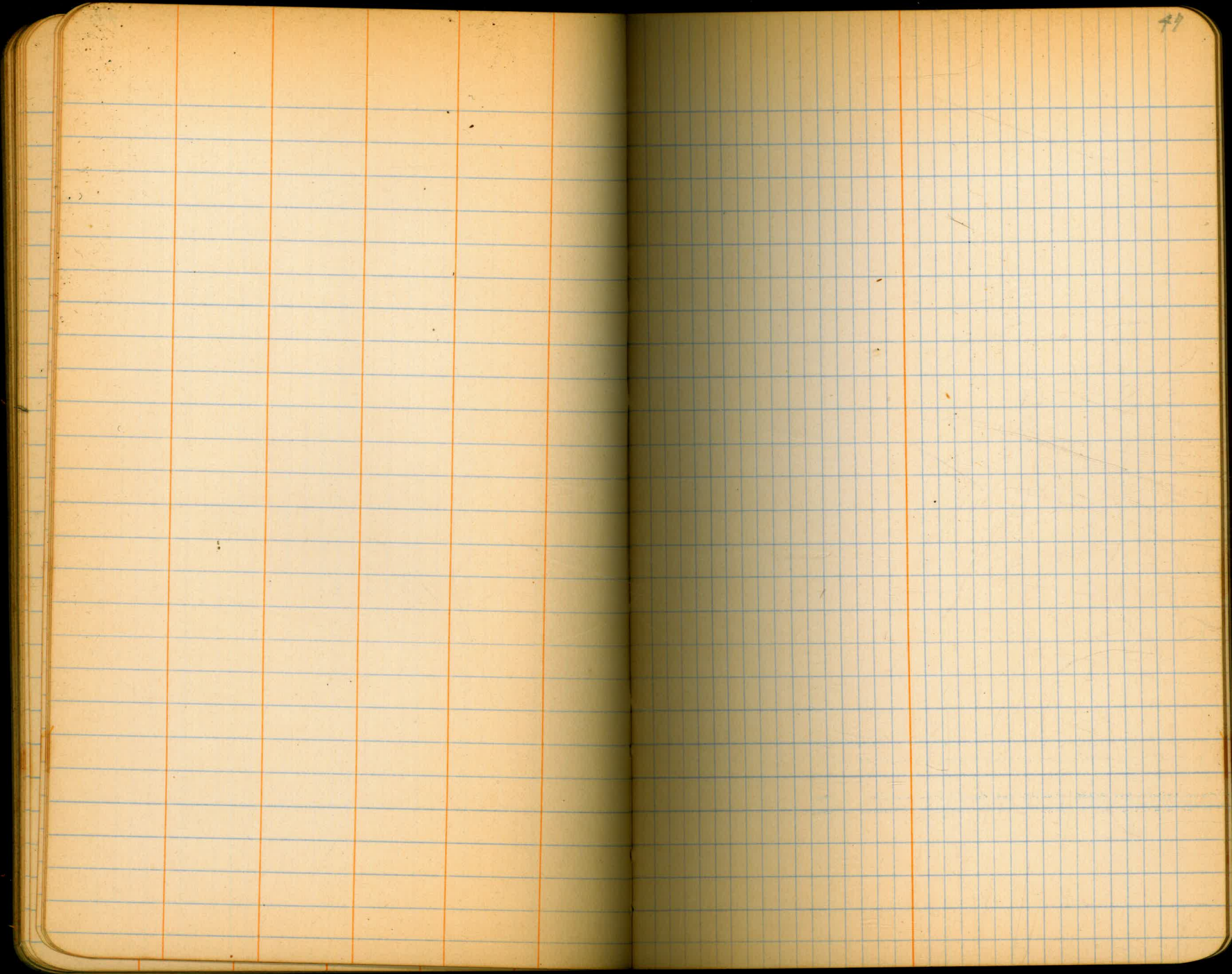


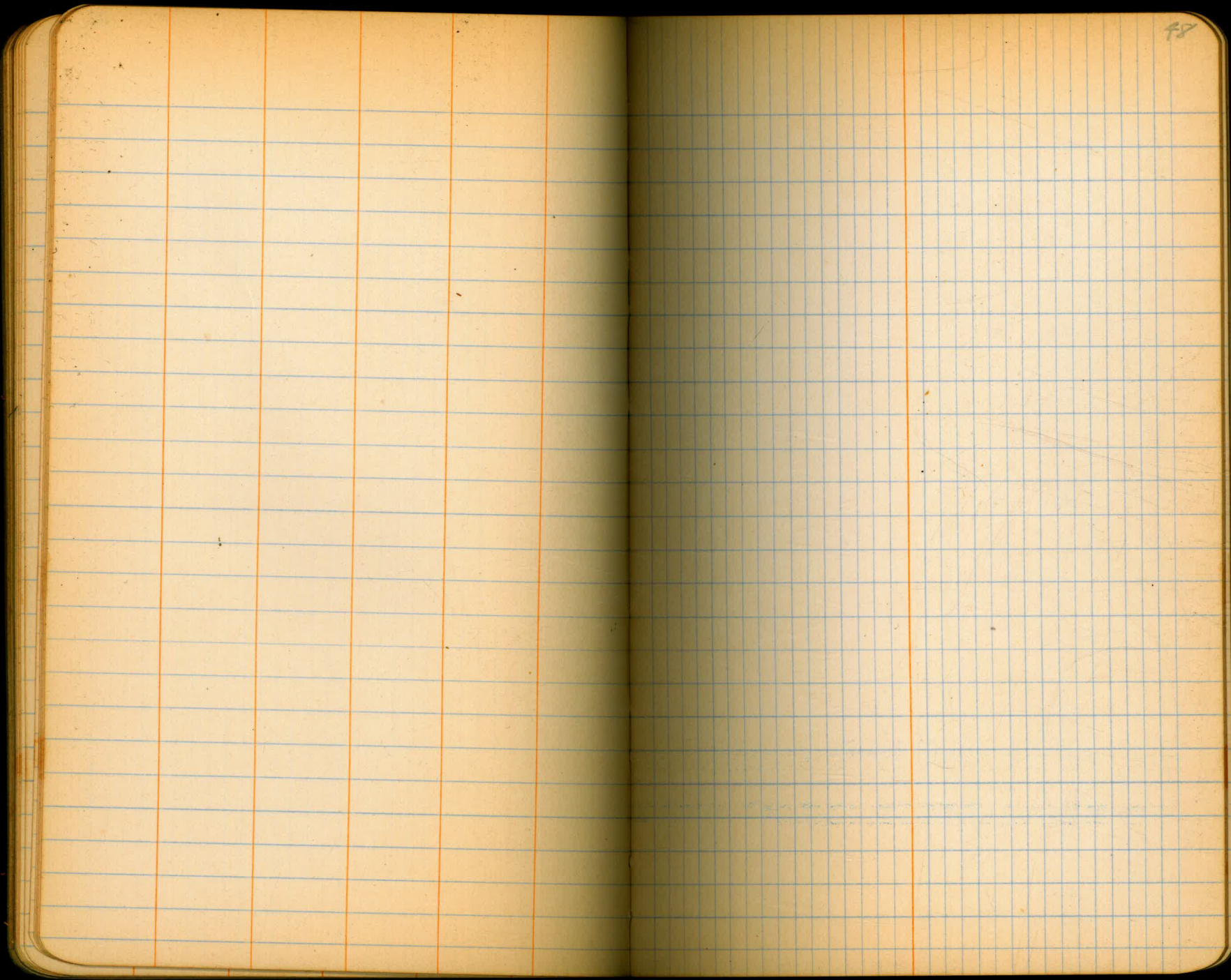
40











DIRECTIONS FOR USE OF TABLES

TABLE No. 1.

Distance of slope stake from side or shoulder stake for any width roadway, slope 1 1/2 to 1. If ground is nearly level, the cut or fill at side stake is located by the double entry method in left column and top row. The number in body of table in same row and column gives distance from side stake to slope stake. If ground is not

IMPROVED TABLES

level, amount of cut, elevate if fill. Add this amount to cut or fill and find in table. Set up rod at this point and line of sight should cut target.

AND
INFORMATION

To find Tangent and External for curve of any other degree, divide by degree of curve and add correction found in column of corrections. Degree of curve with a given L may be found by dividing tangent (or external), opposite L by given tangent (or external). The distance from a point on the tangent to the curve is very nearly the square of the tangent length divided by twice the radius.

259.774

251.61

7.0

261.02
752

253.48

6.0

258.83
7.66

251.17

7.66

251.162

888+95 Rock

251.60