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400
LEVEL

F.B.430

Casey
Quality

Published by H. S. CROCKER COMPANY, Stationers, Drawing Materials, and Mathematical Instruments, San Francisco.

Table showing the difference of latitude and departure in running 80 chains at any course from 1 to 60 minutes.

MINUTES.	LKS.	MINUTES.	LKS.	MINUTES.	LKS.
1.....	21 $\frac{1}{2}$	21.....	49	41.....	95 $\frac{1}{2}$
2.....	4 $\frac{1}{2}$	22.....	51 $\frac{1}{2}$	42.....	98
3.....	7	23.....	53 $\frac{1}{2}$	43.....	100 $\frac{1}{2}$
4.....	9 $\frac{1}{2}$	24.....	56	44.....	102 $\frac{1}{2}$
5.....	11 $\frac{1}{2}$	25.....	58 $\frac{1}{2}$	45.....	105
6.....	14	26.....	60 $\frac{1}{2}$	46.....	107 $\frac{1}{2}$
7.....	16 $\frac{1}{2}$	27.....	63	47.....	109 $\frac{1}{2}$
8.....	18 $\frac{1}{2}$	28.....	65 $\frac{1}{2}$	48.....	112
9.....	21	29.....	67 $\frac{1}{2}$	49.....	114 $\frac{1}{2}$
10.....	23 $\frac{1}{2}$	30.....	70	50.....	116 $\frac{1}{2}$
11.....	25 $\frac{1}{2}$	31.....	72 $\frac{1}{2}$	51.....	119
12.....	28	32.....	74 $\frac{1}{2}$	52.....	121 $\frac{1}{2}$
13.....	30 $\frac{1}{2}$	33.....	77	53.....	123 $\frac{1}{2}$
14.....	32 $\frac{1}{2}$	34.....	79 $\frac{1}{2}$	54.....	126
15.....	35	35.....	81 $\frac{1}{2}$	55.....	128 $\frac{1}{2}$
16.....	37 $\frac{1}{2}$	36.....	84	56.....	130 $\frac{1}{2}$
17.....	39 $\frac{1}{2}$	37.....	86 $\frac{1}{2}$	57.....	133
18.....	42	38.....	88 $\frac{1}{2}$	58.....	135 $\frac{1}{2}$
19.....	44 $\frac{1}{2}$	39.....	91	59.....	137 $\frac{1}{2}$
20.....	46 $\frac{1}{2}$	40.....	93 $\frac{1}{2}$	60.....	140

MICRO MED
DEC 1 1964

TABLE FOR RUNNING ON SLOPES.

In the following table the first column shows the angle, the second the number of links to be added to a chain on the slopes, to make one chain, horizontal measurement.

ANGLE	COR. IN LINKS						
°		°		°		°	
4	0.24	11	1.88	18	5.14	25	10.54
5	0.38	12	2.24	19	5.76	26	11.26
6	0.55	13	2.63	20	6.42	27	12.24
7	0.76	14	3.06	21	7.11	28	13.37
8	0.98	15	3.53	22	7.85	29	14.34
9	1.24	16	4.02	23	8.64	30	15.47
10	1.55	17	4.56	24	9.47	35	22.07



LEVEL BOOK

No. 400



FROM
Loxing's Book Store

MANUFACTURED BY

A. S. Crocker & Co.

SAN FRANCISCO
and
SACRAMENTO

1102 { Clough
Calkins
Nordie

Section of Capistrano from Macaulay^(60') 1
to Pueblo line (Continued from)

(Book No. 428.)

225
X

252' on F 295' on W = S. line of Quimby St. ^(60' x 60')

Fh 110.6 9102.75.3 79.97 75.57

c - 105.5 75.5

1/4 16.3 74.7

1/2 17.3 73.7

3/4 14.3 76.7

c 12.5 78.5

W.L. 11.0 80.0

N. line Quimby

1/4 11.7 79.3

c 12.6 78.4

1/2 11.9 79.1

3/4 11.0 80.0

1/2 10.4 80.6

c 9.8 81.2

Fh 9.1 81.9

91.03

39' on E 25' on N. No. of Quimby = 25' 50"

Fh	7.2	83.8
c	7.6	83.4
1/4	7.7	83.3
2	7.9	83.1
1/4	8.9	82.1
c	10.9	81.0
1 1/2	11.6	79.4

50' N. Quimby

1 1/2	9.9	81.1
c	8.2	82.8
1/4	7.2	83.8
2	6.0	83.0
1/4	5.9	85.1
c	5.9	85.1
Fh	5.2	85.8

91.03

Copistrano

75' No. of Quimby

Fh	2.3	88.7
c	4.0	87.0
1/4	5.0	86.0
2	5.8	85.2
1/4	6.5	84.5
c	6.8	84.2
1 1/2	6.7	84.1

125' No. of Quimby

1 1/2	2.8	88.2
c	2.8	88.2
1/4	2.2	86.8
2	3.5	87.5
1/4	2.6	88.4
c	1.7	89.6
Fh	+0.3	91.3
FR	12.27	102.86
	0.77	90.59

10286

175' N Quimby

Fh	8.5	94.4
c	10.1	92.8
W	11.4	91.5
d	13.4	89.5
W	12.0	90.9
c	11.5	91.4
Wk	10.9	92.0

200' N Quimby

Wk	8.4	94.5
c	9.5	93.4
W	10.0	92.9
d	12.4	90.5
W	9.0	93.9
c	6.0	96.9
Fh	3.2	99.7

10286

Copistm 70

4

225' N Quimby

Fh	7.0	98.9
c	8.2	96.7
W	6.8	96.1
d	8.8	94.1
W	10.5	92.1
c	7.2	95.7
Wk	6.3	96.6

275' N Quimby = St. Tommyson 607

Wk	7.1	101.8
c	2.9	100.6
W	3.4	99.5
d	4.2	98.7
W	4.7	98.2
c	5.0	97.9
Fh	0.0	102.9
TR	906	111.49 0.43 102.49
		5.85 105.64

111.49

N Line Tennyson

E.L.		74	104.1
c		104	101.1
W		80	103.5
Q		55	106.0
W		34	108.1
c		22	109.3
W.L.		2.2	109.3
T.P.	8.41	117.70	2.20
			109.24

90' N. Tennyson

W.L.		5.8	111.9
c		5.5	112.2
W		5.9	111.8
Q		6.9	110.8
W		9.0	108.7
c		9.8	107.9
E.L.		10.8	106.9
T.P.	11.48	127.12	2.06
			106.64

127.12

Capistrano

5

90' N Tennyson

E.L.	127.12	9.3	117.8
c		8.7	118.4
W		8.2	118.7
Q		8.0	119.1
W		8.3	118.8
c		8.7	118.4
W.L.		9.0	118.1

120' N. Tennyson - Buckle line

W.L.		5.0	122.1
c		5.0	122.1
W		4.4	122.7
Q		3.1	124.0
W		2.9	124.2
c		2.2	124.9
E.L.		2.0	125.1

Clough
Co. 1800
Ward 12

V Section of Tustin (60) from

Sh Olyphant to N. Macaulay

B.M. 1265 11260

24 52 1/2
9992 Olyphant

Seine Olyphant

Fh. 12.7 99.9

c 11.7 100.9

1/4 10.7 101.9

q 9.4 103.2

1/4 7.9 104.7

c 6.9 106.3

1/4 7.6 108.0

50 S Olyphant

1/4 2.2 110.4

c 3.8 108.8

1/4 5.2 107.1

q 6.7 105.9

1/4 8.2 104.4

c 9.1 103.5

Fh 10.0 102.3

11260

100 S Olyphant

Fh 5.9 107.3

c 3.6 109.0

1/4 3.0 110.6

1/4 0.5 112.1
I.P. 12.23 124.07 0.76 117.84

1/4 10.9 113.2

c 9.2 114.9

1/4 7.8 116.3

150 S Olyphant

1/4 1.8 122.6

c 3.0 121.1

1/4 4.0 120.1

1/4 5.2 118.7

1/4 6.9 117.2

c 8.8 115.3

Fh 10.1 114.0

129.07

200' S. Olyphant

F.L.		3.2	1209
o		1.8	1223
1/4		0.7	1234
T.H.	12.39	<u>126.33</u>	<u>0.73</u> 123.94
o		11.8	1243.5
1/4		11.3	1250
o		9.7	1266
1/4		8.5	1278

250' S. Olyphant

1/4		2.8	132.5
o		4.3	1320
1/4		4.7	1316
o		5.1	1312
1/4		5.3	1310
o		6.2	130.1
F.L.		7.8	128.5

136.58

275' S Olyphant

7

F.L.		5.8	130.5
o		5.2	131.1
1/4		4.6	131.7
o		4.1	132.2
1/4		3.4	132.9
o		2.2	134.1
1/4		0.7	135.6
T.H.	12.39	<u>148.77</u>	<u>0.75</u> 136.18

300' S Olyphant

1/4		9.2	139.6
o		10.3	138.5
1/4		11.4	137.4
1/4		12.8	136.5
1/4		13.5	135.3
o		13.9	134.9
EL		14.8	134.0

14877

950' S Olyphant

Fh	89	1399
c	77	141.1
1/4	62	142.6
1/2	49	143.9
3/4	37	145.1
c	29	145.9

ML

7.83

7.83

155.37

2.3 145.5

2.3 147.57

400' S Olyphant

ML	5.2	150.2
c	5.5	149.9
1/4	5.9	149.5
1/2	6.2	149.2
3/4	7.1	148.3
c	8.8	148.9
h	10.1	145.3

15537

425' S Olyphant

8

Fh	81	147.3
c	66	148.8
1/4	5.9	150.1
1/2	4.7	150.7
3/4	4.7	150.7
c	4.2	151.2
ML	26	151.8

400' S Olyphant

ML	2.9	132.5
c	3.2	152.2
1/4	3.5	151.9
1/2	4.0	151.4
3/4	4.7	150.7
c	5.5	149.9
Fh	6.9	148.5

156.37

474³ on E 472² on W.S. of Olyphant = N. Macaulay

F.L.	5.86	149.51
c	5.1	150.3
1/4	4.1	151.3
♀	3.2	152.1
♂	2.8	152.6
c	2.5	152.9
M.L.	2.2	153.2

J

11/08 { Clough
Cathall
Wardie

(60)

9

Section of Clough St Grim

N. line Macaulay to Sofine Olyphant

B.M. 1299 120.32 107.33
SPITE 17 Telephone Pk
on Rock landing
Macaulay 52

N. line Macaulay

F.L.	6.5	113.8
c	5.3	115.0
1/4	4.1	116.2
♀	2.8	117.5
1/4	1.6	118.7
c	0.4	119.9
M.L.	70.3	120.6

50' N Macaulay

M.L.	1.9	115.4
c	3.2	117.1
1/4	4.2	118.1
♀	5.2	115.1
1/4	6.3	114.0
c	7.1	112.9
F.L.	8.2	112.1

12032

100' N Macaulay

FL	85	111.8
c	83	112.0
W	77	112.5
L	73	113.0
W	65	113.8
c	58	115.0
WL	48	115.5

150' N Macaulay

WL	59	114.4
c	64	113.9
W	68	113.5
L	72	113.1
W	75	112.8
c	77	112.6
FL	79	112.4

12032

200' N Macaulay S. Newell

(70) 10

FL	87	111.6
c	86	111.7
W	86	111.7
L	82	112.1
W	74	112.9
c	69	113.4
WL	72	112.9

50' Curb Newell

WL	86	111.7
c	80	112.0
W	82	112.1
L	86	111.7
W	90	111.3
c	92	111.1
FL	91	111.0

12032

S. H. Newell

F.H.	95	1108
c	97	1106
1/4	99	1104
♀	97	1106
1/4	95	1108
c	95	1108
W.H.	93	1110

C.H. of Newell

W.H.	101	1102
c	103	1100
1/4	105	1098
♀	106	1097
1/4	104	1099
c	102	1101
F.H.	100	1103

12032

N. H. of Newell

F.H.	106	1097
c	111	1092
1/4	112	1091
♀	104	1099
1/4	106	1097
c	106	1097
W.H.	102	1101

N.C. of Newell

W.H.	117	1086
c	116	1087
1/4	116	1087
♀	116	1087
1/4	115	1088
c	115	1088
F.H.	114	1089
7/10	108.32	12.05
		108.27

closed

11

10832

N/100 of Newell 54

Fh	0.0	108.3
c	0.2	108.1
1/4	0.2	108.1
q	0.2	108.1
1/4	0.2	108.0
c	0.7	107.6
W/h	0.8	107.5

50' N of Newell

W/h	4.0	104.3
c	4.0	104.3
1/4	3.4	104.9
q	3.0	105.3
1/4	3.1	105.2
c	3.0	105.3
Fh	2.8	105.3

10833

C/100

100' N. Newell 54

12

Fh	6.6	101.7
c	6.5	101.8
1/4	7.0	101.3
q	7.4	100.9
1/4	7.5	100.8
c	7.1	101.2
W/h	6.9	101.4

125' N Newell

W/h	8.5	99.8
c	8.7	99.4
1/4	9.7	98.6
q	10.1	97.9
1/4	10.4	97.9
c	10.4	97.9
Fh	10.6	97.7

10132

150' N Newell St

FL		11.1	97.2
c		11.1	97.2
W		11.8	96.5
q		12.0	96.3
W		12.2	96.1
c		12.2	96.1
WL		12.0	96.3
TR	175	97.43	12.64
			95.68

175' N Newell St

WL		3.5	93.9
c		3.5	93.9
W		3.5	93.9
q		3.3	94.1
W		2.0	95.4
c		1.2	96.2
FL		1.2	96.2

9743

01002

13

205' N. So. line of Olykhan St

FL		8.7	89.26
c		7.6	89.8
W		7.0	90.1
q		7.0	90.4
W		7.0	90.4
c		7.0	90.4
WL		7.0	90.4

Cloach
Cathart
Woodie

X Section of Cloach (72) from No line
of Stearns to Fuchla line kmatt's
Cent on to Dumas St. Roseville

T.M. 160 166.86 B.M. Hill NW
162.26 ^{Stearns} _{Clack}

1/4 line of Stearns

F.H.	10.9	1560
c	9.5	157.4
W	8.4	158.5
Q	7.0	159.9
W	6.2	160.7
c	5.6	161.3
W.L.	4.6	162.3

2.5' No Stearns

W.L.	2.8	163.1
c	3.2	163.6
W	3.4	163.5
Q	3.8	163.1
W	4.8	162.1
c	5.7	161.2
F.H.	6.8	160.1

Cloach

50' No Stearns

F.H.	5.6	161.3
c	5.2	161.7
W	4.6	162.3
Q	3.8	163.1
W	3.3	163.6
c	3.2	163.7
W.L.	3.7	163.2

1.5' No Stearns

W.L.	2.4	163.5
c	3.7	163.0
W	4.2	162.7
Q	4.3	162.6
W	4.4	162.5
c	2.5	162.4
F.H.	4.9	162.0

1668L

100' N Stearns

FL	5.2	161.7
c	5.3	161.6
1/4	4.5	162.4
1/2	4.3	162.6
1/4	4.4	162.5
c	4.8	162.1
1/4	4.9	162.0

150' N Stearns

1/4	6.1	160.8
c	6.2	160.7
1/4	2.1	160.8
1/2	5.2	161.7
1/4	4.5	162.4
c	5.0	161.9
FL	5.6	161.3

1668L

above 5'

(70' F L M) 15

200' and 225' N. N. J Stearns = S. J. Tennyson

FL	4.2	162.7
c	5.3	161.6
1/4	5.3	161.6
1/2	5.8	161.1
1/4	2.2	160.9
c	6.5	160.4
1/4	6.6	160.3

N. J. Tennyson

1/4	3.9	163.0
c	4.9	162.0
1/4	3.9	163.0
1/2	3.5	163.4
1/4	3.6	163.3
c	5.7	163.2
FL	3.6	163.3

16686

25' 00" E 30' 00" W N. Tennyson - 50' St

FL	1.7	1652
c	1.8	1651
1/4	1.8	1651
1/4	1.9	1650
1/4	2.1	1648
c	3.0	1639
W.L.	3.7	1632

100' N. Tennyson

W.L.	1.8	1651
c	1.8	1656
1/4	1.8	1656
1/4	1.0	1659
1/4	0.8	1661
c	1.0	1659
FL	1.0	1658
T.D.	1.81	170.67
		1.03
		165.83

170.67

16685

16

140' N Tennyson Sta Pueblo line

FL	3.8	1668
c	3.6	1670
1/4	3.6	1670
1/4	4.2	1664
1/4	4.6	1660
c	5.0	1656
W.L.	5.6	1650
	6.51	171.58
		5.87
		165.07

50' N. Pueblo line

W.L.	171.58	8.2	1634
c		7.3	1643
1/4		6.7	1649
1/4		6.7	1649
1/4		6.0	1656
c		5.7	1664
FL		4.8	1668

171.58

75' N. T. Webb line: S line Udahl or 21.57

F.L.	4.1	167.5
c	4.9	166.7
W	5.4	166.2
Q	6.3	165.3
W	7.0	164.6
c	7.4	164.2
W.L.	8.2	163.4

S.C.L. of Udahl

W.L.	7.8	163.8
c	7.1	164.5
W	6.7	164.9
Q	6.2	165.4
W	5.4	166.2
c	4.4	167.2
F.L.	3.6	168.0

Closest

17

S 1/4 Udahl

F.L.	3.0	168.6
c	4.0	167.6
W	5.0	166.6
Q	5.8	165.8
W	6.1	165.5
c	6.6	165.0
W.L.	7.3	164.3

Center Udahl

W.L.	6.9	164.7
c	6.3	165.3
W	5.6	166.0
Q	5.3	166.3
W	4.4	167.2
c	3.3	168.3
F.L.	2.7	169.2

171.58

N 1/4 of Udahl

FK	2.0	169.6
c	2.7	168.9
1/4	3.5	168.1
Q	4.4	167.2
1/2	5.1	166.5
d	5.8	165.8
Wd	6.7	165.4

N. Ch. Udahl

Wd	6.0	165.6
c	5.6	166.0
1/4	4.9	166.7
Q	4.1	167.5
1/2	3.0	168.6
c	2.2	169.4
FK	1.4	170.2

171.58

N. Fine Udahl

FK	0.8	170.8
c	1.6	170.0
1/4	2.3	169.3
Q	3.3	168.3
1/2	4.1	167.5
d	5.0	166.6
Wd	5.5	166.1

50' N Udahl

Wd	2.2	169.4
c	1.5	170.1
1/4	1.0	170.6
d	0.2	171.4
2.0	10.87	<u>18230</u> 0.15
1/2		171.6
c		172.9
FK		174.2

C100254

18

182.30

100 Nos of Udaht

FL	4.3	178.0
c	5.6	176.7
1/4	6.6	175.7
1/2	7.2	175.1
3/4	8.3	174.0
c	9.2	173.1
W.L.	10.0	172.3

150 Nos of Udaht

W.L.	6.1	176.2
c	5.8	177.0
1/4	3.1	179.2
1/2	2.9	179.9
3/4	1.9	180.4
1/4 T.R	10.87	192.94
c	0.23	182.07
FL	11.9	181.0
FL	10.9	182.0

192.74

Closest

19

200 Nos of Udaht = 54 Udahtair

FL	8.4	184.5
c	8.5	184.4
1/4	9.3	183.6
1/2	10.2	182.7
3/4	11.0	181.9
c	12.4	180.5
W.L.	13.2	179.7

S.C. Nos of Udahtair

W.L.	12.5	180.4
c	11.7	181.2
1/4	11.2	181.7
1/2	10.0	182.9
3/4	9.1	183.8
c	8.4	184.5
FL	7.4	185.5

S 1/4 Voltair St

FL	6.6	186.3
c	7.3	185.6
1/4	8.3	184.6
1/4	9.3	183.6
1/4	9.7	183.2
c	9.9	183.0
WL	11.6	181.3

Center Voltair

WL	10.6	182.3
c	9.4	183.5
1/4	8.6	184.3
1/4	8.0	184.9
1/4	7.9	185.0
c	6.7	186.2
FL	5.3	187.6

S 1/4 of Voltair

FL	5.2	187.7
c	6.2	186.7
1/4	7.3	185.6
1/4	8.3	184.6
1/4	8.3	184.6
c	8.9	184.0
WL	10.7	182.2

N 1/4 of Voltair

WL	10.0	182.9
c	9.1	183.8
1/4	8.1	184.8
1/4	8.0	184.9
1/4	7.3	185.6
c	6.1	186.8
FL	5.0	185.9

192.94

N line of Voltaira

FK	4.0	188.9
C	4.3	188.6
H	5.4	187.5
Q	6.2	186.7
H	7.3	185.6
C	8.0	184.9
WL	8.5	184.4

50' N. Voltaira St

WL	5.4	187.5
C	4.6	188.3
H	3.9	189.0
Q	3.2	189.7
H	2.7	190.5
C	2.1	190.8
FK	1.7	191.2

192.94

Closest

21

100' N. Voltaira St

FK	0.9	192.0
C	1.5	191.4
H	2.7	190.2
Q	3.2	189.7
H	4.3	188.6
C	5.5	187.4
WL	6.3	186.6

150' N. Voltaira St

WL	6.8	186.1
C	6.6	186.3
H	6.0	186.9
Q	5.4	187.5
H	4.6	188.3
C	3.8	189.1
FK	3.5	189.4

1929d

200 N. Voltaire - Sine Whittier St. (70')

FL	6.0	186.9
o	5.6	187.3
1/4	6.0	186.9
1/2	6.2	186.7
3/4	6.5	186.4
o	7.1	185.8
ML	7.8	185.1

S. C. de S Whittier

ML	7.4	185.5
o	6.9	186.0
1/4	6.7	186.2
1/2	6.6	186.3
3/4	6.4	186.5
o	6.4	186.5
FL	6.2	186.5

1929d

Close St

22

S. 1/4 Whittier St

FL	7.3	185.6
o	6.8	186.1
1/4	6.8	186.1
1/2	6.7	186.2
3/4	6.8	186.1
o	6.8	186.1
ML	6.9	186.0

Center Whittier St

ML	6.7	186.2
o	6.8	186.1
1/4	7.0	185.9
1/2	7.0	185.9
3/4	7.1	185.8
o	7.6	185.3
FL	8.2	184.7

19294

N 44 Whittier St

FL	8.9	1840
c	8.2	1847
1/4	7.6	1853
1/2	7.4	1855
1/4	7.1	1858
c	7.0	1859
WL	6.6	1863

NCA Whittier St

WL	6.7	1862
c	7.0	1859
1/4	7.3	1856
1/2	7.3	1856
1/4	7.2	1856
c	8.2	1857
FL	8.8	1842

19294

Close St

23

N 44 Whittier St

FL	8.8	1841
c	7.8	1851
1/4	7.4	1855
1/2	7.6	1853
1/4	7.7	1852
c	7.3	1856

WL	6.9	1860
7.2	2.60	188.90
6.64		186.30

80' N. of S Whittier

WL	3.1	1858
c	3.7	1852
1/4	4.2	1847
1/2	5.3	1836
1/4	6.3	1826
c	7.7	1812
FL	8.7	1802

18890

100 N Whittier St

F.L.	10.9	178.0
c	9.4	179.5
u	8.9	180.0
q	8.1	180.8
u	6.5	182.6
c	5.6	183.3
W.L.	4.2	184.7

150 N Whittier St

W.L.	5.3	183.6
c	6.4	182.5
u	7.8	181.1
q	8.9	180.6
u	10.4	178.5
c	11.1	177.8
F.L.	11.8	177.1

18890

Closest

24

200 N Whittier - S of Xenophon St

F.L.	14.5	174.4	—
c	18.2	175.7	176.3
u	12.4	176.5	177.0
q	11.0	177.9	—
u	9.7	179.2	178.7
c	8.7	180.2	179.5
W.L.	7.5	181.4	—
T.A.	4.5	180.35	176.20

S. of Xenophon St

W.L.	0.0	180.4	—
c	0.7	179.7	179.1
u	1.5	178.9	178.6
q	2.2	178.1	—
u	3.5	176.9	177.3
c	5.0	175.4	176.4
F.L.	6.5	173.9	—

180.35

So. 1/4 Xenophon St

FL	7.0	172.9	-
C	6.3	174.1	174.9
W	5.1	175.3	175.6
Q	4.1	176.3	-
W	2.5	177.9	177.3
C	1.6	178.8	178.2
WL	0.9	179.5	-

Center line Xenophon St

WL	1.4	179.0	-
C	2.1	177.8	177.2
W	2.5	176.9	176.5
Q	4.7	175.7	-
W	5.7	174.7	175.1
C	7.0	173.4	174.3
FL	8.2	172.2	-

180.35

Closest

25

N. 1/4 Xenophon St

FL	8.9	171.5	-
C	8.1	172.3	172.3
W	7.1	172.3	172.3
Q	5.9	174.5	-
W	4.7	175.7	175.3
C	3.5	176.9	176.1
WL	2.1	178.0	-

N.C. line Xenophon St

WL	3.7	176.7	-
C	4.6	175.8	175.2
W	5.0	174.8	174.4
Q	6.7	173.7	-
W	8.0	172.4	172.9
C	8.9	171.5	172.1
FL	9.9	171.0	-

180.85

N. line Xenophon St

FK	9.2	171.2	-
o	8.7	171.7	171.7
1/4	8.7	171.7	171.9
2	8.1	172.3	-
1/4	6.8	173.6	173.1
o	5.2	175.2	174.1
Wk	4.2	176.2	-

50' N. Xenophon St

Wk	7.6	172.8	
o	8.1	172.3	
1/4	8.8	171.6	
2	9.4	171.0	
1/4	9.5	170.9	
o	10.0	170.4	
FK	10.9	169.5	

180.85

C/1000 St

26

100' N. Xenophon St

FK	12.3	168.1	
o	12.0	168.4	
1/4	12.2	168.2	
2	12.0	168.4	
1/4	11.9	168.5	
o	11.6	168.8	
Wk	11.6	168.8	
TR	0.88	168.07	12.68
			167.72

150' N. Xenophon St

Wk	3.7	164.4	
o	3.5	164.6	
1/4	3.4	164.7	
2	3.2	164.9	
1/4	3.1	165.0	
o	3.3	164.8	
FK	2.9	165.2	

200' No of Xenaphen = 51 Youngs = (30')
or 25th St

KK	6.7	161.7
c	6.6	161.5
1/4	6.6	161.5
ϕ	5.7	162.4
1/4	5.2	162.9
c	6.1	162.0
WL	6.7	161.7

S.C. Lane Youngs St

WL	7.2	161.9
c	7.4	160.7
1/4	7.0	161.1
ϕ	5.7	162.4
1/4	6.8	161.3
c	7.1	161.0
KK	7.0	161.1

S. 14 Youngs St

KK	7.5	160.6
c	7.6	160.5
1/4	7.7	160.4
ϕ	7.1	161.0
1/4	7.8	160.3
c	8.0	160.1
WL	7.9	160.2

Center line Youngs St

WL	8.4	159.7
c	8.8	159.6
1/4	8.5	159.6
ϕ	8.2	159.9
1/4	7.9	160.2
c	8.1	160.0
KK	7.7	160.2

16807

N 1/4 Youngs St

F/L	8.2	159.9
C	8.4	159.7
1/4	8.2	159.9
Q	8.3	159.8
1/4	8.9	159.2
Q	9.0	159.1
W/L	9.0	159.1

N C line Youngs St

W/L	9.6	158.5
C	9.4	158.7
1/4	9.4	158.7
Q	9.4	158.7
1/4	9.1	159.0
C	9.0	159.1
F/L	8.7	159.4

16807

Closest

28

N line Youngs St

F/L	9.5	158.6
C	9.6	158.5
1/4	9.8	158.3
Q	9.9	158.2
1/4	10.0	158.1
C	10.0	158.1
W/L	10.11	1579.6

50' N. Youngs St

W/L	12.2	155.9
C	12.5	155.6
1/4	12.5	155.6
Q	12.5	155.6
1/4	12.4	155.7
C	11.6	156.5
F/L	11.5	156.6
W/L	12.87	155.20

15521

100' N Young St

FL	2.0	153.7
c	1.8	153.9
W	1.9	153.8
L	2.3	153.4
W	2.2	153.3
c	2.1	153.6
WL	2.0	153.7

150' N Young St

WL	3.1	152.6
c	3.7	152.0
W	4.1	151.6
L	4.9	151.2
W	4.8	150.9
c	5.2	150.5
FL	5.4	150.3

15521

Closest

200' N Young St of Zacher 2674 ²⁹

FL	7.4	148.3
c	6.3	149.4
W	5.7	150.0
L	5.2	150.5
W	5.0	150.7
c	5.2	150.5
WL	5.1	150.6

S.C. Line Zacher St

WL	5.7	150.0
c	5.4	150.3
W	5.3	150.4
L	5.2	150.5
W	5.5	150.2
c	6.4	149.3
FL	7.1	148.6

S 1/4 Touch St

FL	7.2	1485
c	6.7	1490
1/4	6.1	1496
1/2	5.9	1498
1/4	5.9	1498
c	6.2	1495
W 1/4	6.2	1495

Center line Touch St

W 1/4	7.2	1485
c	7.3	1484
1/2	6.8	1489
1/4	6.3	1494
1/4	6.2	1495
c	6.3	1494
FL	6.8	1489

N 1/4 Touch St

FL	7.5	1482
c	7.3	1484
1/4	7.5	1482
1/2	7.8	1479
1/4	8.3	1474
c	8.3	1474
W 1/4	8.3	1474

N C line of Touch

W 1/4	9.1	1463
c	8.6	1471
1/4	8.6	1471
1/2	8.8	1469
1/4	8.6	1471
c	8.7	1470
FL	9.1	1466

15571

Wings of Zouch St

FL	11.3	1444
c	10.6	1452
H	10.1	145.6
♀	10.0	145.7
H	9.7	146
c	10.1	

W/L	6.19	14904	1053	145.8
T.P.			1286	142.5

25' N Zouch St

W/L	6.1	142.3
c	6.6	142.4
H	7.3	141.7
♀	7.5	141.5
H	7.3	141.7
c	7.7	141.3
FL	8.0	141.0

14904

Clove St

50' N. Zouch St

31

FL	10.7	139.3
c	10.5	138.5
H	10.1	138.9
♀	9.6	139.4
H	9.0	140.0
c	8.3	140.7

W/L	7.7	141.3
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75' N Zouch St

W/L	9.4	139.6
c	10.5	138.5
H	11.3	138.7
♀	12.0	137.0
H	12.5	136.5
c	12.9	136.1
FL	13.5	135.5

14905

100' N Touch St

FL	130	136.0
c	127	136.3
1/4	121	136.9
1/2	114	137.6
3/4	102	138.8
c	9.0	140.0
WL	78	141.2

150' N Touch St

WL	6.6	142.4
c	6.9	142.1
1/4	7.1	141.9
1/2	7.4	141.6
3/4	7.3	141.7
c	7.0	142.0
FL	7.2	141.8

14905

Closest

32

200' N Touch - S. line Alcott St

FL	2.5	146.5
c	2.7	146.3
1/4	2.8	146.2
1/2	3.0	146.0
3/4	2.8	146.2
c	2.5	146.5
WL	2.6	146.4
T.P.	12.16	138.65
	2.56	146.49

So. C. line Alcott St

WL	12.2	146.5
c	11.2	147.5
1/4	11.0	147.7
1/2	11.2	147.5
3/4	11.4	147.3
c	11.2	147.5
FL	11.3	147.4

158.65

So 1/4 Alcott St

E.L.	11.0	147.7
c	9.6	149.1
W	9.5	149.2
♀	9.3	149.4
W	9.2	149.5
c	10.3	148.4
W.L.	10.2	148.5

Center line Alcott

W.L.	8.9	149.8
c	8.8	149.9
W	8.6	150.1
♀	8.4	150.3
W	8.2	150.5
c	8.2	150.5
E.L.	8.1	150.6

158.65

Closest

33

N 1/4 Alcott St

E.L.	7.7	151.0
c	7.5	151.2
W	7.4	151.3
♀	7.2	151.5
W	7.1	151.3
c	7.5	151.2
W.L.	7.6	151.1

N.C. line Alcott St

W.L.	6.4	152.2
c	6.4	152.3
W	6.3	152.4
♀	6.4	152.3
W	6.5	152.2
c	6.7	152.0
E.L.	7.2	151.5

158.65

N Line Alcott St

FL	65	1522
c	59	1528
1/4	56	1531
1/2	53	1534
3/4	51	1536
c	52	1535
W-L	54	1533

50' N. Alcott

W-L	11	1576
c	12	1575
1/4	12	1575
1/2	14	1573
3/4	19	1568
c	26	1561
FL	3.0	1557
T.D.	714	164.98
	0.81	157.87

164.98

Closest

100' N. Alcott St

34

FL	63	1587
c	60	1590
1/4	57	1593
1/2	55	1595
3/4	52	1598
c	48	1602
W-L	48	1602

150' N. Alcott St

W-L	3.0	1620
c	3.2	1618
1/4	3.2	1618
1/2	3.2	1618
3/4	3.3	1617
c	3.8	1612
FL	3.9	1611

200' N Aldott St - S Line Browning

FK	5.3	159.7
v	7.3	160.7
1/4	3.9	161.1
1/2	4.0	161.0
1/4	4.0	161.0
v	4.9	160.1
W/L	5.8	159.2

So @ line of Browning

W/L	7.4	157.6
v	6.3	158.7
1/6	5.2	159.8
1/2	5.0	160.0
1/4	4.7	160.3
v	5.1	159.9
FK	5.8	159.2

So 1/4 Browning St (70') 35

FK	6.3	158.7
v	5.8	159.2
1/4	5.6	159.4
1/2	6.0	159.0
1/4	6.7	158.3
v	7.6	157.4
W/L	8.8	156.2

Center line Browning

W/L	11.3	153.7
v	10.1	154.9
1/4	8.6	156.4
1/2	7.5	157.5
1/4	6.9	158.1
v	7.0	158.0
FK	7.0	158.0

16498

N 1/4 Browning St

E-L	88	156.2
c	8.3	156.7
1/4	80	157.0
ϕ	9.8	155.7
1/4	10.3	154.7
c	12.0	153.0
W-L	13.0	152.0

N @ Line Browning

W-L	14.4	150.6
c	13.9	151.1
1/4	13.0	152.0
ϕ	11.9	153.1
1/4	11.0	154.0
c	10.0	155.0
E-L	10.1	154.9

16498

2000

N Line Browning St

36

E-L		12.1	152.9
c		12.2	152.8
1/4		12.8	152.2
ϕ		13.4	151.6
7D	0.88	<u>1529.8</u>	<u>152.10</u>
1/4		2.3	150.7
c		3.1	149.9
W-L		3.30	149.68

50' N Browning St

W-L	8.1	144.9
c	7.9	145.1
1/4	7.9	145.1
ϕ	7.8	145.2
1/4	7.7	145.3
c	8.0	145.0
E-L	7.7	145.3

152.98

100' N Browning St

FK		13.4	139.6
c		12.6	140.4
W		12.5	140.5
q		12.5	140.5
W		12.2	140.8
c		12.0	141.0
WL		11.8	141.2
T.P.	0.58	12.14	140.84

150' N Browning St

WL		2.4	139.0
c		2.7	138.7
W		3.0	138.4
q		3.3	138.1
W		3.5	137.9
c		3.9	137.5
FK		4.2	137.2

141.42

0100054

200' N Browning - St. Curtiss St

37

FK		5.1	136.3
c		4.7	136.7
W		4.5	136.9
q		4.2	137.2
W		4.0	137.4
c		4.0	137.4
WL		3.6	137.8

50' line Curtiss St

WL		3.8	137.6
c		4.1	137.3
W		4.4	137.0
q		4.4	137.0
W		4.5	136.9
c		4.7	136.7
FK		5.8	136.1

So 1/2 Curtiss St

FL	5.5	135.9
c	5.3	136.1
W	5.0	136.4
φ	4.8	136.6
W	4.7	136.7
c	4.5	136.9
WL	4.1	137.3

Center line Curtiss

WL	4.7	136.7
c	4.6	136.8
W	4.8	136.6
φ	4.9	136.5
W	5.5	135.9
c	5.9	135.5
FL	6.0	135.4

N 1/2 of Curtiss St

FL	6.6	134.8
c	6.5	134.9
W	6.5	134.9
φ	5.8	135.6
W	5.5	135.9
c	5.3	136.1
WL	4.9	136.5

N.C. line Curtiss

WL	5.2	136.2
c	5.6	135.8
W	6.0	135.4
φ	6.3	135.1
W	6.4	135.0
c	7.0	134.4
FL	7.1	134.3

141.42

N line of Curtiss

E.L	7.7	133.7
c	7.4	134.0
W	7.0	134.4
Q	6.8	134.6
W	6.5	134.9
c	6.0	135.4

W.L
T.R

0.57	136.37	5.62	135.80
$\sqrt{1.17}$	137.27	11.29	128.48

50' N Curtiss

W.L	2.7	133.7
c	2.8	133.6
W	3.3	133.1
Q	3.8	132.6
W	4.0	132.4
c	4.5	131.9
E.L	4.5	131.9

136.37

3100007

100' N Curtiss St

E.L	7.3	129.1
c	6.9	129.5
W	6.8	129.6
Q	6.1	130.3
W	5.7	130.7
c	5.1	131.3
W.L	4.7	131.7

150' N Curtiss St

W.L	5.5	130.9
c	6.0	130.4
W	6.6	129.8
Q	6.9	129.5
W	7.5	128.9
c	7.6	128.8
E.L	8.2	128.2

136.37

200' N. Curtiss - S of Dumas St

FL	94	127.0
c	92	127.2
1/4	87	127.7
ϕ	76	128.8
1/4	71	129.3
c	67	129.7
WL	64	130.0

S.C. line Dumas St

WL	65	129.9
c	72	129.0
1/4	79	128.5
ϕ	86	127.8
1/4	92	127.2
c	97	126.7
FL	97	126.7

136.37

Cloud St

40

S. W. Dumas St

FL	106	125.8
c	98	126.6
1/4	94	127.0
ϕ	90	127.4
1/4	85	127.9
c	74	128.0
WL	76	128.8

Center line Dumas St

WL	8.0	128.4
c	8.0	128.4
1/4	8.9	127.5
ϕ	9.3	127.1
1/4	9.7	126.7
c	10.3	126.1
FL	10.2	126.2

136.37

N. 1/4 of Dumas St

E.L	112	125.2
c	102	126.2
1/4	97	126.7
d	94	127.0
1/4	85	127.9
c	83	128.1
W.L	78	128.6

N.E. Line Dumas St

W.L	80	128.4
c	85	127.9
1/4	87	127.7
d	9.6	126.8
1/4	98	126.6
c	105	125.9
E.L	110	125.4

136.37

Clave St

N. line Dumas St

41

E.L	110	125.4
c	105	125.9
1/4	100	126.4
d	9.3	127.1
1/4	9.0	127.4
c	85	127.9
W.L	8.28	128.09

P

cross-section of ⁽⁵⁰⁾ ledge at base
 Pueblo sm 186 n of 10th st
 to S.E. of 1st (addition 11)

	1275	120.08		107.53	Bm A6 at mouth of 1st	nl		
	1146	130.41	113	118.95		ll		
	871	138.11	101	129.40		l		
	186'	n of 10th st =	Pueblo line			l		
EL			87	129.4		ll		
ll			78	130.3		EL		
l			71	131.0				
l			66	131.5		EL		
l			61	132.0		ll		
ll			47	133.4		l		
nl			29	135.2		l		

13811
 150 n of 11th st

						36	134.5
						46	133.5
						60	132.1
						70	131.1
						78	130.3
						85	129.6
						91	129.0
				100	n of 1st st		
						108	127.3
						101	128.0
						90	129.1
						78	130.3
						69	131.2
						55	132.6
						32	134.9

ledge at
 42

	75'	ny	100ft	11
wl			5.0	133.1
tl			3.2	132.9
"			8.2	129.9
b			9.2	128.9
"			10.5	127.6
tl			11.1	127.0
EL			11.9	126.2
	50	ny	100ft	11
EL			13.5	124.6
tl			14.8	123.3
"			15.0	123.1
b			11.4	126.7
"			10.2	127.9
tl			8.8	129.3
wl			8.5	129.6
TIP	0.08	<u>125.37</u>	12.82	<u>125.29</u>

	25'	ny	100ft	11	
					43
wl			2.2	123.3	
tl			1.2	123.8	
"			2.3	123.1	
b			4.7	121.7	
"			5.5	120.1	
tl			7.8	117.6	
EL			8.4	119.0	
		n line of	100ft	11	(70)
EL			12.3	112.1	
tl			12.7	112.7	
"			12.0	113.4	
l			11.5	113.9	
"			9.0	116.4	
tl			9.0	116.4	
wl			10.82	114.55	aw 11 10x
TIP	0.58	<u>113.75</u>	12.20	<u>113.17</u>	

11375

n	bl	y	10. it	st	
wl			38	1100	
b			25	1113	
7			26	1112	
b			25	1113	
y			14	1124	
u			33	1105	
Bl			49	1089	
	n	1/4	y	10. it	st
Bl			84	1054	
u			25	1063	
y			68	1070	
b			67	1071	
y			68	1070	
u			71	1067	
wl			90	<u>1048</u>	
TP	239	<u>11394</u>	1220	<u>10755</u>	

10399

Counter of	10. it	st			
wl	66	973			
u	60	979			
y	50	989			
b	50	989			
y	48	991			
u	32	1007			
Bl	25	1014			
	S	1/4	y	10. it	st
Bl			66	973	
u			67	972	
y			70	969	
b			85	954	
y			93	946	
u			107	932	
wl			115	924	
TP	323	<u>9467</u>	1250	<u>9144</u>	

blome
44

9467

S bl f 10 ft W

W	86	86.1
U	7.2	87.5
Y	7.0	87.7
L	6.4	88.5
"	4.5	90.3
U	3.3	91.4
EL	2.3	92.4

S bl f 10 ft W

EL	5.8	88.9
U	6.0	88.7
"	7.8	86.9
L	10.0	84.7
"	11.7	83.0
tbl	12.8	81.9
W	13.6	80.1

9467

25' S of 10 ft W

W	4.0	90.7
U	6.4	88.3
"	8.2	86.5
L	9.4	85.3
"	11.6	83.1
U	13.6	81.1
EL	16.0	78.7

50' S of 10 ft W

EL	7.2	87.5	
U	5.3	89.4	
"	2.8	91.9	
L	0.5	94.2	
TP	12.3	106.52	
"		0.34	94.20
"		1.00	96.6
U		8.8	97.8
W		7.2	99.4

12.35 118.7 0.58 106.10

blm 21

45

	100'	SY	100'	ST
EQ			127	106.1
LL			100	108.8
"			71	111.7
L			30	113.8
"			32	115.6
LL			13	117.5
WL			00	118.8
	130'	SY	100'	"
EQ			58	113.0
LL			16	117.2
TP	1150	12928	097	117.8
"			100	119.3
L			86	120.7
"			62	123.1
LL			53	124.0
WL			44	124.9

	150'	SY	100'	ST
WL			10	128.3
LL			21	127.2
"			32	126.1
L			56	123.7
"			83	121.0
LL			104	118.9
EQ			156	115.7
	200'	S =	n 2 of 90'	ST (70')
EQ			70	122.3
LL			47	124.6
"			29	126.4
L			09	128.4
TP	500	12380	078	128.50
"			47	129.1
LL			28	131.0
WL			116	132.4

clone 21
46

BR nwa
90'

13380

n fl of gnt st

nr	10	132.8
ll	19	131.9
v	31	130.7
b	44	129.4
v	68	127.0
ll	89	124.9
er	106	123.7
	n/4 of	gnt st
er	100	123.8
ll	81	125.7
v	64	127.4
b	48	129.0
v	35	130.3
ll	22	131.6
nr	10	132.8

13380

center of gnt st

nr	05	133.3
ll	17	131.9
v	35	130.3
b	47	128.9
v	66	127.2
ll	80	125.8
er	90	124.8
	S 1/4 of	gnt st
er	92	124.8
ll	78	126.0
v	64	127.4
b	46	129.2
v	34	130.4
ll	19	131.9
nr	08	133.0

47

13380

S M y

9th st

MZ	12	132.6
U	28	131.0
"	40	129.8
L	50	128.2
"	68	127.0
U	80	125.8
EL	90	124.8

S line of

9th st

EL	95	124.5
U	80	125.8
"	67	127.1
L	54	128.4
"	42	129.6
U	27	131.1
MZ	04	133.4

13380

50

S T

9th

st

MZ	00	133.8
U	23	131.3
"	44	129.4
"	64	127.6
"	77	126.1
U	88	125.0
EL	103	123.5

100

S T

9th

EL	112	120.6
U	122	121.6
"	112	122.6
L	102	123.6
"	88	125.0
U	78	126.0
MZ	67	127.1

TP

772

12872

1280

12100

blue

48

12872

130' S of 9th St

EL		148	1139
HL		130	1157
V		115	1172
L		102	1185
Y		90	1197
HL		73	1214
WR		60	1227
	150' S of	9th St	
WR		42	1245
HL		52	1235
L		71	1216
L		87	1200
V		100	1187
H		118	1169
EL		134	1153

12872

below 11

200 S = n 2 of 8th St (20) 49

EL		30	1257	
H		41	1266	
V		08	1279	
TP	10.65	<u>139.06</u>	031	128.41
L		85	130.6	
V		76	131.5	
H		64	132.7	
WR		52	133.9	
	n 1/2 of	8th St		
WR		47	135.41	
H		56	133.5	
V		68	132.3	
L		82	130.9	
V		96	129.5	
L		112	127.9	
EL		127	126.4	

13906

S 2m 7 8 7 21

EL			95	129.6
u			78	131.3
v			63	132.8
b			43	135.8
"			29	136.2
u			16	137.5
WR			052	138.54
TP	440	14294	52	138.54
	50'	S 7	8 7 21	
WR			26	140.3
bl			39	139.0
H			57	137.2
b			74	135.5
"			92	133.7
bl			109	132.0
EL			121	130.8

Bm 92
82

14294

blm 21
51

100' S 7 8 7 21

EL			112	131.7
u			96	133.3
"			80	134.9
b			62	136.7
"			43	138.6
u			24	140.5
WR			15	141.4
	150'	S 7	8 7 21	
WR			23	140.6
u			34	139.3
"			53	138.6
b			72	135.7
"			91	133.8
u			112	131.7
bl			126	130.3
TP	0.90	13119	1215	130.79

131.69

200 5= nd of 7th st (20)

El	98	121.9
bl	78	123.9
"	59	125.8
b	43	127.4
"	27	129.0
bl	05	131.2
WL	+15	133.2

200 of 7th st

WL	13	130.4
bl	04	128.3
"	53	126.4
b	76	124.1
"	95	122.2
bl	104	121.3
El	120	119.7

131.69

down of 52

2 1/2 of 7th st

El	144	117.3
bl	130	118.7
"	110	120.7
b	93	122.4
"	87	123.3
bl	74	124.3
WL	47	127.0

center of 7th st

WL	86	123.1
bl	104	121.3
"	122	119.5

TP 001 119.39 123.1 119.38

b	08	118.6
"	43	117.1
bl	32	116.2
El	50	114.4

11939

Sth

S

70L 21

EL		82	1112
EL		72	1122
"		58	1136
"		32	1162
"		14	1180
EL		0.0	119.9
WL		+3.5	122.9

Sth 7

WL		0.0	119.4
EL		1.8	117.6
"		4.0	115.4
"		5.4	114.0
"		7.0	112.4
EL		9.0	110.4
EL		10.4	109.0

11939

Sth 7

70L 11

53

EL		130	106.4
EL		10.9	108.5
"		9.7	109.7
"		8.7	110.7
"		8.6	113.8
EL		2.2	117.2
WL		1.95	117.44

Sth 750 Sth

70L 11

TP	5.42	113.24	11.57	107.82
WL			8.5	104.7
EL			9.6	103.6
"			10.9	102.8
"			11.5	101.7
"			12.7	100.5
EL			13.8	99.4
EL			14.4	98.8

	75'	11324 S of	70'	11
EL			40	109.2
hl			54	107.8
γ			74	105.8
b	7		85	104.7
γ			88	104.4
hl			90	104.2
WR			74	105.8
TP	1275	13523	0.26	11398
	100'	S of	70'	71
WR			106	114.9
hl			100	113.7
γ			95	116.2
b			91	116.6
γ			84	117.3
hl			62	119.5
EL			42	121.5
TP	1267	13730	110	1224.63

	125'	13730 S of	70'	11
WR			127	124.6
hl			116	125.7
γ			100	127.3
b			87	128.6
γ			87	128.6
hl			97	127.6
EL			90	128.3
	150'	S of	70'	11
WR			44	132.9
hl			30	134.3
γ			24	134.9
b			07	136.6
TP	1236	14218	048	136.82
γ			106	138.6
hl			97	139.5
EL			93	139.9

14918

175

02	60	1432
bl	60	1432
"	60	1432
6	57	1435
7	73	141.9
h	90	1402
02	91	1401

200' S = n 2 of 60' at

02	265	1465
bl	24	1465
"	23	1469
6	26	1466
6	39	1453
bl	52	1440
02	60	1422

14918

266 of

62

02	61	1431
bl	52	1440
4	40	1452
6	28	1464
4	20	1472
h	16	1476
02	15	1477

n 2 of 60'

02	62	1486
bl	10	1482
4	23	1469
1	38	1454
6	50	1442
h	60	1432
02	65	1427

below
55

14918

center of	6th st	
EL	75	141.7
ll	63	143.9
y	52	144.0
l	40	143.2
"	28	146.4
ll	12	148.0
WL	00	149.2

S 1/4 of	6th st	
WL	05	148.7
ll	20	147.2
y	34	145.8
l	50	144.2
y	64	142.8
ll	75	141.7
EL	85	140.7

14918

center of

56

S 6th of	6th st	
EL	20	140.2
ll	30	141.2
y	41	142.1
l	54	143.8
y	40	143.2
ll	25	146.7
WL	17	147.5

S line of	6th st	
WL	29	146.3
ll	45	144.7
y	67	143.1
l	71	142.1
y	80	141.2
ll	87	140.5
EL	98	139.4

14918

	50'	50'	60'	
WL			65	142.7
ll			78	141.4
7			92	140.0
6			110	138.2
"			125	136.7
TP	631	<u>14305</u>	1244	136.4
ll			76	135.4
EL			88	134.2
	100'	S of	60'	
EL			130	130.0
ll			114	131.6
7			102	132.8
6			84	134.6
4			67	136.3
ll			53	137.7
WL			40	139.0

14305

below 57

	150'	50'	60'	20'
WL			91	133.9
ll			104	132.6
7			117	131.3
6			132	129.8
"			146	128.4
ll			157	127.3
EL			188	124.2
	200'	S = 20'	50'	20' (20')
EL			102	132.8
ll			93	133.7
7			83	134.7
6			71	135.9
4			58	137.2
ll			45	138.5
WL			34	139.6

14305

	Nth of	S. of	at
Wd		30	1400
bl		41	1389
v		55	1375
b		70	1360
v		79	1351
bl		88	1342
ER		92	1338

	N ¹ / ₄ of	S. of	at
ER		85	1345
bl		74	1356
v		64	1366
b		52	1378
v		36	1394
bl		20	1400
Wd		23	1402

14305

blow 58

	center of	S. of	at
Wd		14	1416
bl		25	1405
v		34	1396
b		48	1382
v		63	1367
bl		74	1356
ER		85	1345

	S ¹ / ₄ of	S. of	at	
ER		85	1345	
bl		70	1360	
v		58	1372	
b		50	1380	
v		36	1394	
bl		21	1409	
Wd		02	1428	
TP	630	14070	065	14240

14870

	S. of	S. of	
WZ		56	143.1
HL		68	141.9
Y		83	140.4
L		98	138.9
"		115	137.2
HL		132	135.5
EL		142	134.5

S. of

	S. of	S. of	
EL		143	134.4
HL		126	136.1
Y		107	138.0
L		93	139.4
Y		79	140.8
HL		63	142.4
WZ		53	143.4

14870

blow 44
59

	S. of	S. of	
WZ		39	144.8
HL		48	143.9
"		58	142.9
L		70	141.7
"		81	139.6
HL		102	138.5
EL		107	138.3

100 S. of

	S. of	S. of	
EL		48	143.9
HL		44	144.3
Y		40	144.7
L		33	145.4
Y		24	146.3
HL		19	146.8
WZ		13	147.4
TP	925	157.29	056
			148.14

15739

150	S of	5th st	21
W2		73	150.1
ll		77	149.7
7		86	149.8
6		79	149.5
4		86	148.8
ll		88	148.6
EL		90	148.4

200' S = on 2 4th st (20')

T.R	295-	15665-	300	15370	200'
W2			30	1537	40
ll			31	1536	
7			32	1535	
6			33	1534	
7			34	1533	
ll			40	1527	
EL			42	1525	

15665

blome st
60

2 1/2 of	4th st	21
EL	35	1532
ll	34	1533
7	32	1535
6	30	1537
7	27	1540
ll	25	1542
W2	23	1544

2 1/4 of

4th st	21	
W2	16	1531
ll	19	1538
7	21	1546
6	22	1545
7	25	1542
ll	27	1540
EL	28	1539

15665-

	center of	4th	at
Ek		26	1541
ll		23	1544
"		20	1547
l		18	1549
y		15	1552
ll		12	1555
WZ		10	1557

S 1/4 of

	4th	at
WZ	04	1563
ll	10	1557
y	14	1553
l	16	1551
y	22	1545
ll	23	1544
Ek	26	1541

15665-

above at

61

	S 1/4 of	4th	at
Ek		29	1538
ll		25	1542
"		19	1548
l		17	1550
y		13	1554
ll		08	1559
WZ		05	1562

S line of

	4th	at
WZ	06	1561
ll	10	1557
y	15	1552
l	18	1549
y	22	1544
ll	27	1540
Ek	31	1536

15665

	50	Seq	Yit	It
EL			37	1517
bl			44	1523
y			38	1539
b			35	1532
y			31	1536
bl			25	1542
WR			21	1546

100

	Seq	Yit	It
WR		30	1537
bl		34	1533
y		27	1528
b		44	1523
y		50	1517
bl		54	1513
EL		58	1509

15665

blow

62

	150	Seq	Yit	It
EL			35	1532
bl			32	1535
y			30	1537
b			27	1540
y			23	1544
bl			18	1549
WR			16	1551

200

	Seq	Yit	It	(20)
WR		14	1549	
bl		20	1547	
y		21	1546	
b		24	1543	
y		27	1540	
bl		21	1536	
EL		33	1534	

15665

N 1/4 of 3d pt

82	35	1522
81	32	1535
7	30	1537
1	28	1539
7	24	1543
81	26	1541
WR	23	1544

N 1/4 of 3d pt

WR	39	1528
81	39	1528
7	38	1529
6	40	1527
7	37	1530
81	37	1530
82	40	1527

15665

Center of 3d pt

82	47	1520
81	49	1518
7	52	1515
6	56	1511
7	56	1511
81	54	1513
WR	52	1515

S 1/4 of 3d pt

WR	61	1506
81	63	1504
7	68	1497
6	76	1491
7	77	1490
81	67	1500
82	67	1503
TP	0.84	14858
	891	14774

B-SE Reg

32

63

14858

S 66	7	3d	at
ER		00	1486
EL		02	1484
7		05	1481
6		12	1474
7		14	1472
EL		08	1478
WR		00	1486

S line of

		3d	at
WR		03	1483
EL		13	1473
7		23	1463
6		28	1458
7		22	1464
EL		15	1471
ER		08	1478

14858

64

50'	S 7	3d	at
ER		63	1423
EL		72	1414
7		88	1398
6		80	1406
7		55	1431
EL		45	1441
WR		31	1455

75' S 7

		3d	at
WR		53	1433
		64	1422
7		79	1407
6		105	1384
7		120	1366
EL		128	1358
EL		114	1372
TP	026	136.36	1448 136.10

136.36

	100	Sq	3d	st
Er			30	1334
u			48	1316
y			47	1327
b			26	1338
y			11	1353
u			00	1364
W2			+10	1379

135 Sq 3d st

W2			118	1246
u			122	1242
y			112	1252
t			110	1254
y			112	1252
u			107	1257
Er			77	1287

136.36

blow st

65

	150	Sq	3d	st
Er			186	1238
u			140	1224
y			153	1209
b			158	1206
y			150	1214
u			95	1269
W2			63	1301

175 Sq 3d st

W2			19	1345
u			40	1320
y			65	1299
b			94	1270
y			120	1244
u			154	1210
Er			190	1174

13636

200' S = n 2 of 2nd st 70

EL	172	1192
HL	130	1234
7	96	1268
6	61	1303
7	26	1338
HL	0.0	1364

n 1/2 of 2nd st

EL	134	123.0
HL	94	127.0
7	57	130.7
6	20	1344
7	0.0	1364

n 1/4 of 2nd st

EL	111	125.3
HL	85	127.9
7	50	1314
6	0.8	135.6

13636

blow st

66

center of 2nd st

EL	88	127.6
HL	60	1304
7	36	1328
6	0.0	1364
TP	1074	14632
	078	13558

200' S = n 2 of 2nd st

HL	60	1403
----	----	------

n 1/2 of 2nd st

HL	50	1413
HL	76	138.7

n 1/4 of 2nd st

HL	39	142.4
HL	57	140.6
7	9.0	137.3

center of 2nd st

HL	23	144.0
HL	45	141.8
7	72	139.1

14632

	S 1/4 of	2nd	11
W2		1.3	1450
EL		3.4	1433
4		5.2	1411
6		7.6	1387
7		11.0	1358
EL		14.0	1323
EL		16.4	129.9
	S 1/4 of	2nd	22
EL		13.7	1326
EL		11.2	135.1
7		8.2	138.1
6		5.3	141.0
4		3.6	142.7
EL		1.5	144.8
W2		0.3	146.0

14632

Below

67

	S 1/4 of	2nd	11	
W2		+ 0.6	146.9	146.95 Bin SW 1/4
EL		1.0	145.3	2.1
4		2.7	143.6	
6		5.2	141.1	
7		7.7	138.6	
EL		10.3	136.0	
EL		12.4	133.9	
	S 1/4 of	2nd	22	
EL		6.2	140.1	
EL		4.2	142.1	
7		2.4	143.9	
6		0.1	146.2	
TP	5.37	15.55	0.14	146.18
7			4.0	147.6
EL			3.0	148.6
W2			2.9	148.7

157.55

	100'	S of	2nd st	
W2			05	151.1
H			04	151.2
"			12	150.4
L			18	149.8
"			31	148.5
H			45	147.1
EL			58	145.8

150' S of 2nd st

EL			57	145.9
H			50	146.6
"			48	146.8
L			44	147.2
"			45	147.1
H			56	146.0
W2			44	147.2

157.55

68

	170'	S of	2nd st	
EL			80	143.6
H			76	144.0
"			82	143.4
L			89	142.7
"			93	142.3
H			94	142.2
W2			100	141.6

7P 030 129.12 127.8 138.82

200' S of 2nd st (70)

EL			04	138.7
L			13	137.8
"			26	136.5
L			32	135.9
"			40	135.1
H			52	133.5
W2			730	131.82

88' 3m NW

1m

13914

nbb y

122 22

WR	106	128.5
HL	87	130.4
Y	66	132.5
L	55	133.6
Y	40	135.1
HL	33	135.8
ER	30	136.1
	125 25	
ER	66	132.5
HL	77	131.4
Y	90	130.1
L	100	129.1
Y	113	127.8
HL	126	126.5
WR	150	123.5

2 1/4 y

125 25

13912

leante y

125 25

ER	104	128.7
HL	118	127.3
Y	114	127.7
TP	047	
L	126.96	126.49
HL	44	122.6
HL	68	120.2
HL	90	118.0
WR	95	117.5
	125 25	
WR	140	113.0
HL	124	114.6
Y	104	116.6
L	84	118.8
Y	57	121.3
HL	35	123.5
ER	30	124.0

S 1/4 y

125 25

69

126.96

Sbb of 1st 21-

E2 62 120.3

H 77 119.3

y 88 118.2

b 112 115.8

S Lin of 1st 21-

E2 110 118.0

H 134 115.6

TP 00 115.04 1192 115.04

Sbb of 1st 21-

WR 92 105.8

H 70 108.0

y 60 109.0

S Lin of 1st 21-

E 1/4 48 110.2

b 80 107.0

W 1/4 104 104.6

N 1/4 136 102.4

115.04

blm

70

TP 033 102.77 1260 102.44

S Lin of 1st 21-

WR 44 98.41

TP 058 91.88 1147 91.30

35' S of 1st = Graded Road

WR in gutter of
barren Road 103 81.5

60' S of 1st = Graded Road

E2 113 80.5

P

cross-section of Scott St (70')
 Entire length strong Passaic

			Bm st PC
	144	2099	
	40' Sof	1st st = Pennsylv	S of Passaic
WR	106	11.8	
U	108	11.6	
Y	110	11.4	
L	114	11.0	
Y	116	10.8	
U	121	10.3	
SL	122	10.2	
	S line of 1st st (70')		
SL	125	9.9	
U	122	10.2	
Y	120	10.4	
L	116	10.8	
Y	114	10.0	
U	112	10.2	
WR	109	11.5	
TP	409	1564	10.88 11.35

PLOTTED

S of

1564

of

1st

st

Scott St

71

WR

46

11.0

U

45

11.1

Y

47

10.9

L

50

10.6

Y

53

10.3

U

56

10.0

SL

58

9.8

S of 9

1st

st

SL

59

9.7

U

57

9.9

Y

53

10.3

L

52

10.4

Y

50

10.6

U

48

10.8

WR

46

11.0

p

1564

	length of	1st	2nd
WR		47	10.9
H		50	10.6
Y		52	10.4
L		54	10.2
Y		56	10.0
B		57	9.9
EL		60	9.6
	2 1/4 of	1st	2nd
EL		59	9.7
H		60	9.6
Y		58	9.8
L		56	10.0
Y		54	10.2
H		52	10.4
WR		49	10.7

PLOTTED

1564

Scott 72

	2 bl of	1st	2nd
WR		52	10.4
		50	10.6
		53	10.3
L		57	9.9
Y		59	9.7
H		60	9.6
EL		61	9.5
	2 dim of	1st	2nd
EL		65	9.1
H		64	9.2
Y		63	9.3
L		60	9.6
Y		56	10.0
H		55	10.1
WR		54	10.2

1564

	50'	2nd	100'	2nd
WR			58	9.8
SL			62	9.4
Y			66	9.0
L			68	8.8
9			71	8.5
SL			73	8.3
EL			76	8.0

	100'	2nd	100'	2nd
EL			83	7.3
SL			80	7.6
Y			78	7.8
L			75	8.1
Y			71	8.5
SL			66	9.0
WR			64	9.2
TP			60	9.6

PLOTTED

1564

Scatt 73

	150'	2nd	1st	2nd
WR			64	9.2
SL			68	8.8
Y			72	8.4
L			75	8.1
Y			80	7.6
SL			81	7.5
EL			85	7.1

	200'	n =	SL	2nd	2nd	(Byron st)	(701)
EL			88				6.9
SL			80				7.6
Y			77				7.9
L			76				8.0
Y			71				8.5
SL			70				8.6
WR			66				9.0
TP	578	1432	650				9.14

sw peg

1432

	S lb of	2nd	rd
nr		5.3	9.0
ll		5.5	8.8
7		6.0	8.3
1		6.4	7.9
4		6.7	7.6
ll		7.2	7.1
EL		7.4	6.9

	S 1/4 of	2nd	rd
EL		7.5	6.8
ll		7.1	7.2
7		6.8	7.5
1		6.2	8.1
7		5.8	8.5
ll		5.5	8.8
nr		5.6	8.7

PLOTTED

1432

sect 74

	center of	2nd	rd
nr		5.3	9.0
ll		5.7	8.6
7		6.2	8.1
1		6.4	7.9
7		6.7	7.6
ll		7.3	7.0
EL		7.5	6.8

	n 1/4 of	2nd	rd
EL		7.4	6.9
ll		7.2	7.1
7		6.9	7.4
1		6.5	7.8
7		6.2	8.1
ll		5.7	8.6
nr		5.5	8.8

1430

	n	h	y	2nd	21
WR				57	8.6
h				59	8.4
7				64	7.9
1				68	7.5
7				72	7.1
h				72	7.1
E2				73	7.0

	n	h	y	2nd	21
E2				77	6.6
h				74	6.9
7				70	7.3
1				66	7.7
7				61	8.2
h				59	8.4
WR				56	8.7

7p. 5.06 14.30 5.08 7.24

PLOTTED

1430

Jan 14 21

75

	50	n	h	2nd	21
WR				59	8.4
h				63	8.0
7				66	7.7
6				69	7.4
7				72	7.1
h				74	6.9
E2				77	6.6

	100	n	h	2nd	21
E2				82	6.1
h				78	6.5
7				76	6.7
6				72	7.1
7				68	7.5
h				63	8.0
WR				61	8.2

See Page 77

Blount
 Colket
 Ward
 Dec 3-05
 Levels on Beach at 80'

	779	57.79	414.0	Bm 5' w Sta & Beach
S Side of Beach center of Sid. walk				
Wd. of Mini		2.4	49.4	
50' w		4.0	47.8	
100' w		5.4	46.4	
150' w		6.5	45.3	
200' w = E.L. Sta		7.6	44.2	

Center of Beach				
E.L. Sta		6.5	45.3	
50' E		5.5	46.3	
100' E		4.7	47.1	
150' E		3.8	48.0	
200' E = Wd. of Mini		2.4	49.2	

PLOTTED

51.79

N Side of Beach center of Sid. walk

Wd. of Mini	22	49.6
50' w	27	48.1
100' w	32	46.6
150' w	51	46.7
200' w = E.L. Sta	60	45.8



1430

	130	n y	2-1	at
WL			64	7.9
LL			67	7.6
"			70	7.3
L			72	7.1
y			76	6.7
LL			80	6.3
EL			85	6.0

200 n = 5 line y 3 d at (50)

EL			87	5.6
LL			84	5.9
y			80	6.3
L			78	6.5
y			75	6.8
LL			72	7.1
WL			69	7.4

PLOTTED

1430

Scott

77

	5-6	y	3d	at
WL			70	7.3
LL			74	6.9
y			76	6.7
L			80	6.3
y			82	6.1
LL			86	5.7
EL			88	5.5

5 1/4 y 3d at

EL			90	5.3
LL			87	5.6
y			84	5.9
L			81	6.2
y			78	6.5
LL			75	6.8
WL			69	7.4

1430

	center of	3d	st
WL		70	7.3
ll		75	6.8
4		79	6.4
6		82	6.1
7		84	5.9
ll		87	5.4
EL		91	5.2

	2 1/4 of	3d	st
EL		91	5.2
ll		90	5.3
7		86	5.7
6		84	5.9
7		80	6.3
ll		77	6.6
WL		74	6.9

PLOTTED

1430

seat st

78

	n br of	3d	st
WL		76	6.7
ll		78	6.5
7		82	6.1
6		85	5.8
7		88	5.5
ll		91	5.2
EL		94	4.9

	2 sin of	3d	st
EL		94	4.9
ll		91	5.2
7		88	5.5
6		85	5.8
7		82	6.1
ll		79	6.4
WL		76	6.7

$\frac{350}{1013}$

$\frac{767}{663}$

13m nw
 3d st

1013

	50'	n y	3d	st
WL			39	6.2
ll			40	6.1
y			43	5.8
b			46.1	5.5
y			49	5.2
ll			53	4.8
EL			56	4.5

100' n y 3d st

EL			60	4.1
ll			58	4.3
y			56	4.5
b			55	4.6
y			53	4.8
ll			50	5.1
WL			47	5.4

PLOTTED

1013

Scott 21

79

	150'	n y	3d	st
WL			54	4.7
ll			57	4.4
y			60	4.1
b			63	3.8
y			66	3.5
ll			68	3.3
EL			70	3.1

200' n = Sdini f 4th st (70')

EL			77	2.4
ll			75	2.6
y			72	2.9
b			69	3.2
y			65	3.6
ll			63	3.8
WL			61	4.0

10/13

	S bl	y	4th	1st
WR			62	3.9
bl			64	3.7
y			67	3.4
b			68	3.3
y			72	2.9
bl			75	2.6
ER			78	2.3

	S 1/4	y	4th	1st
ER			78	2.3
bl			74	2.7
y			67	3.4
b			66	3.5
y			66	3.5
bl			65	3.6
WR			62	3.9

PLOTTED

10/13 Scott 80

	center	y	4th	1st
WR			65	3.6
bl			67	3.4
y			68	3.3
b			65	3.6
y			63	3.8
bl			73	2.8
ER			80	2.1

	n 1/4	y	4th	1st
ER			83	1.8
bl			75	2.6
y			70	3.1
b			69	3.2
y			69	3.2
bl			68	3.3
WR			65	3.6

10/13

	nth of	4th	st
WA		67	3.4
H		69	3.2
Y		71	3.0
L		72	2.9
Y		73	2.6
H		77	2.4
EL		81	2.0

	nth of	4th	st
EL		85	1.6
H		79	2.2
Y		77	2.4
L		72	2.9
Y		69	3.2
H		68	3.3
WA		65	3.61

Brown
4th

PLOTTED

10/13

10/13

	5th	nth of	4th	st
WA			64	3.3
H			71	3.0
Y			74	2.7
L			75	2.6
Y			78	2.3
H			79	2.2
EL			82	1.9

	10th	nth of	4th	st
EL			87	1.4
H			84	1.7
Y			82	1.9
L			83	1.8
Y			78	2.3
H			75	2.6
WA			74	2.7

P

1013

150 NY 400 of #400

WR		77	2.4
ll		82	1.9
7		86	1.5
6		87	1.4
7		89	1.2
ll		92	0.9
EL		94	0.7

200 m = Skin of Emerson 21 5-11-21 (70)

EL		96	0.5
ll		98	0.3
7	8	95	0.6
6		94	0.7
7		94	0.7
ll		89	1.2

WR	436	583	866	1.77	Bm Sw 5-11
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Continued on Bill 432

PLOTTED

TRAVERSE TABLE FOR TRANSIT BOOK.
From 1° to 90° for a distance of 100.

Degrees.	DEGREES.		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		Degrees.
	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	
0			100.00	0.44	100.00	0.87	99.99	1.31	89
1	99.98	1.75	99.98	2.18	99.97	2.62	99.95	3.05	88
2	99.94	3.49	99.92	3.93	99.91	4.36	99.88	4.80	87
3	99.86	5.23	99.84	5.67	99.81	6.10	99.79	6.54	86
4	99.76	6.98	99.73	7.41	99.69	7.85	99.66	8.28	85
5	99.62	8.72	99.58	9.15	99.54	9.58	99.50	10.02	84
6	99.45	10.45	99.41	10.89	99.36	11.32	99.31	11.75	83
7	99.25	12.19	99.20	12.62	99.14	13.05	99.09	13.49	82
8	99.03	13.92	98.97	14.35	98.90	14.78	98.84	15.21	81
9	98.77	15.64	98.70	16.07	98.63	16.50	98.56	16.93	80
10	98.48	17.36	98.40	17.79	98.33	18.22	98.25	18.65	79
11	98.16	19.08	98.08	19.51	97.99	19.94	97.90	20.36	78
12	97.81	20.79	97.72	21.22	97.63	21.64	97.53	22.07	77
13	97.44	22.50	97.34	22.92	97.24	23.34	97.13	23.77	76
14	97.03	24.19	96.92	24.62	96.81	25.04	96.70	25.46	75
15	96.59	25.88	96.48	26.30	96.36	26.72	96.25	27.14	74
16	96.13	27.56	96.00	27.98	95.88	28.40	95.76	28.52	73
17	95.63	29.24	95.50	29.65	95.37	30.07	95.24	30.49	72
18	95.11	30.90	94.97	31.32	94.83	31.73	94.69	32.14	71
19	94.55	32.56	94.41	32.97	94.26	33.38	94.12	33.79	70
20	93.97	34.20	93.82	34.61	93.67	35.02	93.51	35.43	69
21	93.36	35.84	93.20	36.24	93.04	36.65	92.88	37.06	68
22	92.72	37.46	92.55	37.86	92.39	38.27	92.22	38.67	67
23	92.05	39.07	91.88	39.47	91.71	39.87	91.53	40.27	66
24	91.35	40.67	91.18	41.07	91.00	41.47	90.81	41.87	65
25	90.63	42.26	90.45	42.66	90.26	43.05	90.07	43.44	64
26	89.88	43.84	89.69	44.23	89.49	44.62	89.30	45.01	63
27	89.10	45.40	88.90	45.79	88.70	46.17	88.50	46.56	62
28	88.29	46.95	88.09	47.33	87.88	47.72	87.67	48.10	61
29	87.46	48.48	87.25	48.86	87.04	49.24	86.82	49.62	60
30	86.60	50.00	86.38	50.38	86.16	50.75	85.94	51.13	59
31	85.72	51.50	85.49	51.88	85.26	52.25	85.04	52.62	58
32	84.80	52.99	84.57	53.36	84.34	53.73	84.10	54.10	57
33	83.87	54.46	83.63	54.83	83.39	55.19	83.15	55.56	56
34	82.90	55.92	82.66	56.28	82.41	56.64	82.16	57.00	55
35	81.92	57.36	81.66	57.71	81.41	58.07	81.16	58.42	54
36	80.90	58.78	80.64	59.13	80.39	59.48	80.13	59.83	53
37	79.86	60.18	79.60	60.53	79.34	60.88	79.07	61.22	52
38	78.80	61.57	78.53	61.91	78.26	62.25	77.99	62.59	51
39	77.71	62.93	77.44	63.27	77.16	63.61	76.88	63.94	50
40	76.60	64.28	76.32	64.61	76.04	64.94	75.76	65.28	49
41	75.47	65.61	75.18	65.93	74.90	66.26	74.61	66.59	48
42	74.31	66.91	74.02	67.24	73.73	67.56	73.43	67.88	47
43	73.14	68.20	72.84	68.52	72.54	68.84	72.24	69.15	46
44	71.93	69.47	71.63	69.78	71.33	70.09	71.02	70.40	45
45	70.71	70.71							
Degrees.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Degrees.
	DEGREES.		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		

1270
2/2
19.12
9.85
9.56
11

W
Lambert
PL