

318

400

LEVEL

F.B.318



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

318

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

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.

MICROFILMED

Angle	Cor. in Links	Angle	Cor. in Links	Angle	Cor. in Links	Angle	Cor. in Links
0		0		0		0	
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



# Index.

Xsec - Froude - Del Mar - Pt Loma. 1

Xsec Guizot Pt. Loma - Veltairc 16

Xsec Brighton Guizot - Venice 75

Crassiection of both st (Froude) 60'  
Continued from Book 311 1

Orange  
Taylor  
Orange

16303

4+05	25'	S of	Del Mar st		
92				21.0	142.0
66				20.0	143.0
1/4				16.0	147.0
1/4				9.0	154.0
4+15	35'	S of	Del Mar		
92				22.5	140.5
66				24.0	139.0
4				16.0	147.0
6				9.0	154.0
4				9.5	143.5
66				9.5	143.5
W2				11.5	151.5



16303

4+30	50'	S of	Oil Man	
W2			260	137.0
bl			25.5	137.5
y			250	138.0
b			245	138.5
y			230	140.0
bl			180	145.0
Er			130	150.0

4+40	60'	S of	Oil Man	
Er			3.5	139.5
bl			5.5	147.5
y			7.0	146.0
b			10.0	153.0
y			140	149.0
bl			170	146.0
W2			170	145.0

16303

62221

2

4+55	75'	S of	Oil Man	
W2			13.0	150.0
bl			11.0	152.0
y			9.0	154.0
b			7.0	156.0
y			5.0	158.0
bl			3.6	159.4
Er			2.2	160.8

4+80	100'	S of	Oil Man	
Er			3.90	159.1
bl			4.8	158.2
y			5.8	157.2
b			6.8	156.2
y			7.6	155.4
bl			8.6	154.4
W2			10.0	153.0



16303

Stos	125'	S of	Del	mm
WR			103	152.7
bl			9.2	153.8
y			8.2	154.8
b			7.8	155.2
y			7.1	155.9
bl			6.2	156.8
EL			5.5	157.5

Stos	150'	S of	Del	mm
EL			73	155.7
bl			77	155.3
y			85	154.5
b			9.0	154.0
y			9.6	153.4
bl			10.6	152.4
WR			11.6	151.4

16303

16303

3

Stos	175'	S of	Del	mm
WR			13.2	149.8
bl			12.7	150.3
y			12.5	150.5
b			11.4	151.6
y			10.6	152.4
bl			9.9	153.1
EL			9.2	153.8

TR 057 13-323 1037 15-266

Stos	200'	S of	Del	mm
EL			66	146.6
bl			7.0	146.2
y			8.0	145.2
b			8.7	144.5
y			8.6	144.6
bl			9.0	144.2
WR			7.2	146.0



15323

6+05	225'	S of	Del Mar	
W2			9.6	143.6
bl			11.7	141.5
y			12.8	140.4
b			13.2	140.0
y			13.0	140.2
bl			14.1	141.1
EL			14.0	140.0

TP	077	<u>141.23</u>	12.77	140.46
6+30	250'	S of	Del Mar	
EL			3.7	137.8
bl			4.0	137.2
y			4.4	136.8
b			4.4	136.8
y			5.0	138.2
bl			1.6	139.6
W2			0.7	141.0

14123

6+11

4

6+55	275'	S of	Del Mar	
W2			3.0	138.2
bl			4.3	136.9
y			5.6	135.6
b			6.4	134.8
y			6.8	134.4
bl			6.2	135.0
EL			5.8	135.4

6+80	300'	S = h d of	Arched (80)	
			La Jolla	
EL			9.3	131.9
bl			9.8	131.4
y			10.3	130.9
b			10.1	131.1
y			9.6	131.6
bl			8.6	132.6
W2			8.0	133.0 <sup>070</sup>
TP	057	133.64		133.07



13364

7400	N 1/4 of Orchard an		
W2	29	130.7	
bl	37	129.9	
y	41	129.5	
b	43	129.3	
y	40	129.6	
bl	35	130.1	
E2	53	130.3	

7410	N 1/4 of Orchard		
E2	51	128.5	
bl	57	128.5	
y	57	127.9	
b	61	127.5	
y	65	127.1	
bl	60	127.6	
W2	55	128.1	

13364

600 21

5

7720	center of Orchard		
W2	77	125.9	
bl	82	125.4	
y	80	125.6	
b	76	126.0	
y	72	126.4	
bl	73	126.3	
E2	67	126.9	

7730	S 1/4 of Orchard		
E2	85	125.1	
bl	86	125.0	
y	89	124.7	
b	94	124.2	
y	102	123.4	
bl	105	123.1	
W2	104	123.2	



13564

7+40	S 60' of Orchard		
WR		125	121.1
bl		128	120.8
y		123	121.3
b		117	121.9
y		112	122.4
bl		118	122.8
EL		100	123.6

7+60	S 60' of Orchard		
EL		101	123.5
bl		114	122.2
y		124	121.2
b		132	120.4
y		137	120.2
bl		141	129.6
WR		142	119.4

TIP 0.10 12467 9.07 124.57

12467

6th 11

6

7+85	25' S of Orchard		
WR		76	117.1
bl		72	117.5
y		66	118.1
b		57	119.0
y		47	120.0
bl		36	121.1
EL		20	121.7

8+10	50' S of Orchard		
EL		41	120.6
bl		47	120.0
y		56	119.1
b		65	118.2
y		77	117.0
bl		83	116.4
WR		91	115.6



12467

8+35	75'	S of	Arched	
W2			107	114.0
bl			100	114.7
y			87	116.0
l			78	116.9
y			74	117.3
bl			71	117.6
EL			7.1	117.6

8+60	100'	S of	Arched	
EL			9.6	115.1
bl			100	114.7
y			103	114.4
l			105	114.2
y			109	113.7
bl			117	113.0
W2			126	112.1

12467

6th 21

8+85	125'	S of	Arched	
W2			146	110.1
bl			140	110.7
y			133	111.4
l			128	111.9
y			121	112.7
bl			118	112.9
EL			112	113.5

TP	201'		113.08	11.60	11307
9+10	130'	S of	Arched		
EL			39	111.2	
bl			48	111.3	
y			53	109.8	
l			57	109.4	
y			61	109.0	
bl			68	108.3	
W2			75	107.6	



115.08

9+35	175'	S of	Archerd	
EL			55	109.6
bl			62	108.9
y			68	108.3
b			72	107.9
y			85	106.6
bl			90	106.1
WL			92	105.9

9+60	200'	S of	Archerd	
WL			96	105.5
bl			94	105.7
y			93	105.6
b			87	106.4
y			82	106.9
bl			77	107.7
EL			68	108.3

115.08

624

8

9+85	225'	S of	Archerd	
EL			86	106.5
bl			91	106.0
y			96	105.6
b			104	104.7
y			110	104.1
bl			111	104.0
WL			119	103.2

10+10	250'	S of	Archerd	
WL			140	101.1
bl			132	101.9
y			126	101.5
b			120	103.1
y			117	103.4
bl			114	103.7
EL			108	104.3
TP	0.28	<u>10476</u>	10.70	104.28



10476

10+35	275'	Sof	Archerd	
EL			.17	103.1
bl			29	101.9
l			36	101.2
b			42	100.6
y			48	100.0
bl			56	99.2
WL			63	98.5

10+60	300'	S=	N 2 of Reservoir (80)	
WL			96	95.2
bl			88	96.0
y			84	96.4
b			74	97.4
y			60	98.8
bl			48	100.0
EL			33	101.5

10476

6+21  
Froude

9

10+80	N 1/2 of Reservoir	
EL		47
bl		58
y		71
b		83
y		92
bl		99
WL		107

10+90	N 1/4 of Reservoir	
WL		112
bl		106
y		100
b		92
y		82
bl		68
EL		54

10476

11+00 center of Pescadero 21

EL	6.0	98.8
bl	7.2	97.6
"	8.0	96.8
b	9.0	95.8
"	9.8	95.0
bl	10.8	94.0
WL	11.7	93.1

11+10 S 1/4 of Pescadero

WL	11.8	93.0
bl	11.1	93.7
"	10.5	94.3
b	9.6	95.2
"	8.7	96.1
bl	7.7	97.1
EL	6.6	98.2

10476

622

10

11+20 S 1/2 of Pescadero 21

EL	6.7	98.1
bl	7.4	97.4
"	8.0	96.8
b	9.2	95.6
"	10.4	94.4
bl	11.0	93.8
WL	11.6	93.2

11+40 S 1/2 of Pescadero

WL	11.35	93.41	93.4
bl	10.7		94.1
"	10.2		94.5
b	9.5		95.3
"	8.8		96.0
bl	7.7		97.1
EL	6.7		98.1



10776

11+65	25'	S of Pescadero		
EL			74	97.4
ll			84	96.4
γ			92	95.6
δ			102	94.6
η			112	93.6
θ			117	93.1
ω			123	92.5

TP	510	9851	1131	93.47 93.41 ✓
11+90	50'	S of Pescadero		
ω			70	91.5
ll			62	92.2
γ			58	92.7
δ			51	93.4
η			43	94.2
θ			24	95.1
EL			29	95.6

98.51

624 21

11

12+40	100'	S of Pescadero		
EL			56	92.9
ll			62	92.3
γ			70	91.5
δ			80	90.5
η			84	90.1
θ			89	89.6
ω			95	89.0

12+90	150'	S of Pescadero		
ω			125	86.0
ll			118	86.7
γ			111	87.4
δ			107	87.8
η			100	88.5
θ			90	89.5
EL			90	89.5

9851

13+40 200 S of Pescadero

El 113 87.2

bl 117 86.8

y 122 86.3

b 129 85.6

TP 241 8820 12.72 85.79

y 33 84.9

bl 37 84.5

W2 45 83.7

13+90 250 S of Pescadero

W2 58 82.4

bl 51 83.1

y 75 80.7

b 37 84.8

y 29 85.3

bl 24 85.8

El 1.6 84.6

8820

600

FROUDE

12

14+40 300 S = N 2 of Bemuda (80')

El 41 84.1

bl 47 83.5

y 32 83.0

b 58 82.4

" 62 82.0

bl 64 81.8

W2 74 80.5 <sup>80.77</sup> <sup>80.8</sup> <sup>80.8</sup> Bemuda

14+54 N bl of Bemuda

W2 78 80.4

bl 76 80.6

y 72 81.0

b 63 81.9

y 57 82.5

bl 50 83.3

El 40 84.2



8820

14+67	N $\frac{1}{4}$ of Bermuda		
El	4.4	83.8	
bl	5.4	82.8	
γ	6.0	82.9	
δ	6.9	81.3	
ε	7.6	80.6	
bl	8.2	80.0	
W2	8.6	79.6	
14+80	Center of Bermuda		
W2	9.0	79.2	
bl	8.6	79.6	
γ	8.0	80.2	
δ	7.4	80.8	
ε	6.8	81.4	
bl	6.1	82.1	
El	5.1	83.1	

8820

6<sup>th</sup> of 13

**13**

14+93	S $\frac{1}{4}$ of Bermuda		
El	5.3	8	82.9
bl	5.8		82.4
γ	6.5		81.7
δ	7.5		80.7
ε	8.2		80.0
bl	8.7		79.5
W2	9.3		78.9
15+06	S bl of Bermuda		
W2	9.3		78.9
bl	9.0		79.2
γ	8.6		79.6
δ	7.7		80.5
ε	7.0		81.2
bl	6.1		82.1
El	5.8		82.4

8822

15+20 5 km Bermuda

Ed	63	81.9
bl	7.0	81.3
γ	7.8	80.4
b	8.5	79.7
γ	8.9	79.3
bl	9.5	78.7
W2	9.8	78.4

15+70 50' 50' Bermuda

W2	11.8	76.4
bl	11.3	76.9
γ	11.0	77.2
b	10.3	77.9
γ	9.5	78.7
bl	8.9	79.3
Ed	8.3	79.9

TP 19v 8187 8.25 79.9581876122

14

16+20 100' 50' Bermuda

Ed	42	77.7	77.7
bl	46		77.3
γ	50		76.9
b	56		76.3
γ	63		75.6
bl	69		75.0
W2	78		74.1

16+70 150' 50' Bermuda

W2	9.5	72.4
bl	8.7	73.2
γ	7.7	74.2
b	7.3	74.6
γ	6.9	75.0
bl	6.0	75.9
Ed	5.3	76.6



8187

17+20	200	S of Bermuda		
EL			74	74.5
bl			86	73.3
y			89	73.0
b			92	72.7
y			97	72.2
bl			102	71.6
W2			108	71.1
17+20	250	S of Bermuda		
W2			124	68.5
bl			128	69.1
y			123	69.6
b			116	70.3
y			711	70.8
bl			105	71.4
EL			106	71.3
TP	226	73.69	1048	71.39

7364

15

18+20	300	S = End	Beline of Pt Loma	
EL			54	68.2
bl			56	68.1
y			58	67.8
b			60	67.6
y			62	67.4
bl			71	66.5
W2			77	65.9
	1250	93.27		8077
	1126	10432	0.21	9506
	1248	11674	0.06	10426
	1183	12802	0.51	11623
	909	13643	0.72	12734
			653	13010
	1217	16858		15621
	1225	17966	0.97	16741
	1190	18952	2.04	17702
	1120	19788	2.74	18658
			2.78	19110

Bm NW  
6 + BermudaW of  
Puebla Ed  
on BermudaBm SW 4  
Sugar BayBm SW 6  
+ Bel MarSW 4  
Bel Mar  
+ Sugar

11  
 A section of Gungot St (60')

S of Ocean Beach to Voltaire St

The S end of this st is 16' N of S of Ocean Beach  
 + Bermuda St is 43' S of Bermuda in " "

	420	13430	13010	Bm SW 4 Bermuda & Gungot
18703 <sup>v</sup>	284'	S of Bermuda St = 2d Point Area		
WR	283.4	15.4	118.5	
ll		13.8	130.5	
4	POSTED	11.5	132.8	
6		10.0	124.3	
7		9.0	125.3	
ll		7.3	127.0	
EL		5.6	128.7	
17770	250'	S of Bermuda		
EL		4.5	129.8	
ll		6.3	128.0	
7		7.8	126.5	
6		9.3	125.0	
7		11.4	123.1	
ll		13.6	120.7	
WR		15.0	119.3	

13420

Gungot

17745	225'	S of	Bermuda		
WR				130	121.3
ll				17.7	122.6
4				10.0	124.3
6				8.9	125.4
4				7.6	126.7
ll				6.4	127.9
EL				4.7	129.6
17720	200'	S of	Bermuda		
EL				3.6	130.7
ll				5.1	129.2
4				6.7	127.6
6				8.0	126.3
7				9.6	124.7
ll				11.3	123.0
WR				12.6	121.7

POSTED



13430

16+95	175'	S of	Bermuda	
W2			100	124.3
bl			90	125.3
y			73	127.0
b			66	127.7
y			46	129.7
bl			27	131.6
EL			24	132.1

16+70	150'	S of	Bermuda	
EL			17	132.6
bl			29	131.4
y			36	130.7
b			46	129.7
y			63	128.0
bl			73	127.0
W2			87	125.6

13430

Suzot

17

16+45	125'	S of	Bermuda	
W2			62	128.1
bl			50	129.3
y			34	130.9
b			22	132.1
y			13	133.0
bl			00	134.3
EL			00	134.3

16+20	100'	S of	Bermuda	
EL	760	14149	.041	133.87
EL			48	136.7
bl			49	136.6
y			59	135.6
b			70	134.5
y			87	132.8
bl			10.5	131.0
W2			12.0	129.5

14149

15+95	75'	S of	Bermuda	
W2			109	130.6
bl			9.0	132.5
4			8.0	133.5
6			6.7	135.1
7			5.0	136.5
bl			2.4	138.1
EL			1.8	139.7

15+90	50'	S of	Bermuda	
EL			14	140.1
bl			3.7	138.1
4			4.8	136.7
6			6.0	135.5
7			7.2	134.3
bl			8.7	132.8
W2			10.5	131.0

15+50	30'	S of	Bermuda	
EL			4.0	137.5
bl			4.0	137.5

14149 *Bozot*

15+45	25'	S of	Bermuda	
W2			107	130.8
bl			9.5	132.0
4			7.5	134.0
6			5.5	136.0
7			3.3	138.2
bl			1.0	140.5
EL			0.0	141.5

15+20 *Instructive*  
S of Bermuda

EL			0.6	140.9
bl			2.7	138.8
4			5.2	136.3
6			6.6	134.9
7			8.3	131.2
bl			10	140.5 P 131.5
W2			11.5	130.0
TP	11.05	151.94	0.60	140.89



15-194

14+40 N line of Bermuda at (80)

EL	80	143.9
bl	9.7	142.2
y	10.4	141.5
b	10.8	141.1
y	12.2	139.7
bl	13.1	138.8
WR	14.5	137.4

14+15 25' N of Bermuda

WR	10.7	141.2
bl	10.1	141.8
y	9.3	142.6
b	8.3	143.6
y	7.3	144.6
bl	6.3	145.6
EL	4.8	147.1

15-194

Suzot

13+90 50' S of Bermuda

EL	2.5	149.4
bl	3.8	148.1
y	5.1	146.8
b	6.0	145.9
y	7.2	144.7
bl	8.0	143.9
WR	9.3	142.6

13+65 75' N of Bermuda

WR	13.2	138.3
bl	12.0	139.9
y	10.6	141.3
b	9.7	142.2
y	7.9	144.0
bl	6.5	145.4
EL	5.8	146.1

19

15194

13+40	100'	n of	Bermuda	
El			7.9	144.0
ll			9.2	142.7
y			10.8	141.1
b			12.6	139.3
TP	605	14638	11.61	140.33
y			8.1	138.3
ll			10.6	135.8
W2			12.3	134.1
13+15	125'	n of	Bermuda	
W2			12.3	134.1
ll			10.7	135.7
y			9.7	136.7
b			8.0	138.4
y			5.7	140.7
ll			5.7	142.7
El			2.5	144.2

14638

Guzot

20

12+90	130'	n of	Bermuda	
El			1.5	144.9
ll			3.5	142.9
y			5.2	141.2
b			7.0	139.4
y			8.5	137.9
ll			10.4	136.0
W2			12.1	134.3
12+65	175'	n of	Bermuda	
W2			9.8	136.6
ll			8.7	136.7
y			7.5	138.9
b			6.3	140.1
y			4.7	131.7
ll			3.4	133.0
El			1.9	144.5



14638

12+10	2.00'	n of	Bermuda		
EL			0.6	145.8	
h			1.0	145.4	
y			1.2	145.2	
TP	1223	<u>15759</u>	1.02	145.6	
h			11.7	145.9	
y			10.4	147.2	
h			11.0	146.6	
WR			11.6	146.0	
12+15	2.25'	n of	Bermuda		
WR			7.5	150.1	
h			7.6	150.0	
y			7.7	149.9	
h			8.3	149.3	
y			9.2	148.4	
h			9.2	148.4	
EL			9.0	148.6	

15759 *buizat*

21

11+90	2.50'	n of	Bermuda		
EL			6.0	151.6	
h			5.6	152.0	
y			5.0	152.6	
h			3.8	153.8	
y			3.0	154.6	
h			2.7	154.9	
WR			3.8	153.8	
11+65	2.75'	n of	Bermuda		
EL			2.5	155.1	
h			0.8	156.8	
TP	9.51	<u>16894</u>	1.16	156.43	
y			7.6	158.3	
h			6.2	159.7	
y			6.7	159.2	
h			7.8	158.1	
WR			9.3	156.6	

165.94

11+40 300 n = S 2 of Pescadero (80')

W2 12.6 153.3

bl 8.7 157.2

y 5.0 160.9

b 3.0 162.9

y 2.0 163.9

bl 2.4 163.5

E2 6.0 159.9

11+20 S bl of Pescadero

E2 3.2 164.7

bl 2.0 163.9

y 3.1 162.8

b 6.2 159.7

y 9.0 156.9

bl 11.8 154.1

W2 14.3 151.6

165.94

Erzot

22

11+10 S 1/4 of Pescadero

W2 14.0 157.9

bl 12.2 152.7

y 11.2 154.7

b 8.8 157.1

y 6.0 159.9

bl 3.0 162.9

E2 1.7 164.5

11+00 center

E2 0.0 165.9

bl 2.8 163.1

y 5.0 160.9

b 7.0 158.9

y 10.0 155.9

bl 12.8 153.1

W2 13.8 152.1



165-94

10+90 N 1/4 of Pescadero

W2	13.0	152.9
ll	11.8	154.1
y	10.0	155.9
b	6.3	159.6
y	3.1	162.8
ll	0.9	165.0
E2	+1.0	167.0

10+80 Nbb of Pescadero

E2	+15	167.4
ll	1.0	164.9
y	4.0	161.9
b	7.8	158.1
y	10.1	155.8
ll	11.3	154.6
W2	12.0	153.9

165-94

Suzet

10+60 Nbb of Pescadero

W2	10.4	155.5
ll	10.4	155.5
y	10.0	155.9
b	8.3	157.6
y	4.8	161.1
ll	1.5	164.4
TP	9.65	173.94
E2	1.65	164.29
E2	6.6	167.3

10+40 20' N of Pescadero

E2	6.0	167.9
ll	8.4	165.5

23

173.94

10+35 25' n of Pescadero

EA	76	166.3
bl	90	164.9
y	126	161.3
b	154	158.5
y	166	157.3
bl	164	157.5
WA	152	158.3

10+10 50' n of Pescadero

WA	128	161.1
bl	138	160.1
y	140	159.9
b	140	159.9
y	134	160.5
bl	124	161.5
EA	115	162.4

173.94

Buzot

9+85 75' n of Pescadero

EA	98	164.1
bl	108	163.1
y	112	162.7
b	114	162.5
y	113	162.6
bl	111	162.8
WA	102	163.7

9+60 100' n of Pescadero

WA	85	165.6
bl	90	164.9
y	90	164.9
b	86	165.3
y	80	165.9
bl	70	166.9
EA	67	167.5

24



17394

9+35	125'	n of Pescadero		
EL			1.8	172.1
ll			3.3	170.6
7			4.4	169.3
6			6.0	167.9
7			7.0	166.9
ll			7.7	166.3
WR			7.9	166.0

9+10	150'	n of Pescadero		
WR			3.2	170.7
ll			3.0	170.9
7			3.0	170.9
6			2.2	171.7
7			1.1	172.8
ll			0.0	173.9
TP	8.00	18148	0.46	173.48
EL			7.2	174.3

18148 1 August

8+85	175'	n of Pescadero		
EL			5.8	175.7
ll			6.8	174.7
7			7.1	174.4
6			7.3	174.2
7			7.5	176.0
ll			7.5	176.0
WR			7.8	173.7

8+60	200'	n of Pescadero		
WR			13.1	168.4
ll			11.9	169.6
7			10.6	170.9
6			9.5	172.0
7			8.7	172.8
ll			7.5	174.0
EL			6.4	175.1

18148

8+35	225' N of	Pescadero		
Ed			60	175.5
bl			75	176.0
y			94	172.1
b			106	170.9
y			120	169.1
bl			136	167.9
W2			148	166.7

8+10	250' N of	Pescadero		
W2			130	168.5
bl			125	169.0
y			118	168.7
b			109	170.6
y			100	171.5
bl			88	172.7
Ed			73	174.2

18148

Buzot

26

7+85	275' N of	Pescadero		
Ed			83	173.2
bl			96	171.9
y			102	171.3
b			108	170.7
y			113	170.2
bl			121	169.4
W2			126	168.9

7+60	300' N = S of	Archid (80')		
W2			109	170.6
bl			110	170.5
y			109	170.6
b			106	170.9
y			98	171.7
bl			95	172.0
Ed			84	173.1



18148

7+40	S 66 of Orchard		
EL		78	173.7
bl		86	172.9
7		89	172.6
l		94	172.1
7		96	171.9
bl		94	172.1
WR		93	172.2

7+30	S 1/4 of Orchard		
WR		82	173.3
bl		85	173.0
7		85	173.0
l		83	173.2
4		80	173.5
bl		76	173.9
EL		70	174.5

18148

Smyth

27

7+20	Center of Orchard		
EL		62	175.3
bl		69	174.6
7		76	173.9
l		80	173.5
7		86	172.9
bl		87	172.8
WR		87	172.8

7+10	N 1/4 of Orchard		
WR		98	171.7
bl		86	172.9
4		80	173.5
l		75	174.0
7		68	174.5
bl		63	175.2
EL		58	175.7

18

18148

7+00

N. bb of Orchard

EL	48	176.7
bl	53	176.2
"	60	175.5
b	67	174.6
"	78	173.7
bl	88	172.7
WR	100	171.5

6+80

N. d. of Orchard

WR	100	171.5
bl	86	172.9
"	73	174.2
b	64	175.1
"	53	176.2
bl	44	177.1

EL

1173

18258

363

177.5

18258

Suzgat

6+30

50'

N. of

Orchard

EL	68	182.8
bl	78	181.8
"	88	180.8
b	99	179.7
"	110	178.6
bl	123	177.3
WR	140	175.6

5+80

100'

N. of

Orchard

WR	97	179.9
bl	82	181.4
"	68	182.8
b	54	184.2
"	35	186.1
bl	26	187.0
EL	12	188.4

28



18958

5+30	150'	n of	Archer		
WR				7.6	182.0
ll				64	183.2
7				47	184.9
b				38	186.8
7				1.0	188.6
TP	1103	19977		0.84	188.74
ll				9.20	190.6
EL				8.20	191.6
4+80	200'	n of	Archer		
EL				68	193.0
ll				80	191.8
7				97	190.1
b				119	187.9
4				128	187.2
ll				130	186.8
WR				136	186.2

19977

Guzot

29

4+30	250'	n of	Archer		
WR				104	189.4
ll				95	190.3
7				82	191.6
b				68	193.0
7				60	193.8
ll				48	195.1
EL				36	196.2
3+80	300'	n of	Sd. Al. Men (80)		
EL				7.0	200.8
ll				00	199.8
7				15	198.3
b				27	197.1
7				33	196.5
ll				40	195.8
WR	1241	20756		462	195.15

sw 1/4  
Al. Men  
Guzot

20756

3+60 S 1/4 of Del Mar

W2 10.6 197.0

bh 10.0 197.6

7 9.5 198.1

6 8.6 199.0

7 7.6 200.0

bh POSTED 5.9 201.7

E2 5.5 202.1

3+50 S 1/4 of Del Mar

E2 2.6 204.0

bh 4.3 203.3

7 5.2 202.4

6 6.1 201.5

7 7.0 200.6

bh 7.8 199.8

W2 8.8 198.8

20756

Euzot

30

3+40 Center of Del Mar

W2 5.8 201.8

bh 5.0 202.6

7 4.5 203.1

6 4.0 203.6

7 3.6 204.0

bh 2.0 205.6

E2 1.2 206.4

TP 11.79 216.20 11.5 206.41

3+30 N 1/4 of Del Mar

E2 8.6 209.6

bh 9.0 209.2

7 10.0 208.2

6 11.4 206.8

7 11.5 206.7

bh 11.8 206.4

W2 12.8 205.4



21820

3+20	n	lat of Del Mar	
WR	90	209.2	
ll	81	210.1	
"	80	210.2	
b	80	210.2	
"	76	210.6	
ll	65	211.7	
ll	61	212.1	

3+00	n	lat of Del Mar	
ll	52	215.0	
ll	34	214.8	
"	33	214.9	
b	34	214.8	
"	35	214.7	
ll	41	214.2	
WR	56	212.4	

TP 1270 22576 574 21246 north  
lat mar

21298

22576

Guzot

31

2+75	25'	n of Del Mar	
WR	75	217.7	
ll	66	218.6	
"	59	219.3	
b	57	219.5	
"	58	219.4	
ll	54	219.8	
ll	50	220.2	

2+50	50'	n of Del Mar	
ll	18	223.4	
ll	20	223.2	
"	26	222.6	
b	28	222.4	
"	24	221.8	
ll	44	220.8	
WR	57	219.5	

2+60 40' n of Del Mar  
WR 54 219.8  
ll 41 221.1

225-16

2+25	75'	neg	Del Man
WL			5.4 219.8
bl			4.5 220.7
y			3.6 221.6
b			2.9 222.8
y			1.2 224.0
bl			0.5 224.7
EL			0.0 225.2

TP 1039 23526 0.23 224.93

2+00	100'	neg	Del Man
EL			8.6 226.7
bl			9.6 225.7
y			10.5 224.7
b			11.2 224.1
y			11.9 223.4
bl			12.6 222.7
WL			13.4 221.9

23526

Quartz

32

1+75	125'	neg	Del Man
WL			16.1 219.2
bl			14.7 220.6
y			14.0 221.3
b			12.6 222.7
y			11.4 223.9
bl			10.4 224.9
EL			10.0 225.3

1+50 150' neg Del Man

EL			9.7 225.6
bl			10.4 224.9
y			11.2 224.1
b			12.2 223.0
y			13.4 221.9
bl			14.8 220.5
WL			15.8 219.5



23526

1725	175'	Ref	Del	Man
WL			14.7	220.6
ll			13.6	221.7
y			12.6	222.7
h			11.6	223.7
y			10.3	225.0
ll			9.5	225.8
EL			8.7	226.6

1400	200'	Ref	Del	Man
EL			7.5	227.8
ll			8.1	227.2
y			9.0	226.3
h			10.2	225.1
y			11.2	224.0
ll			12.2	223.1
WL			13.4	221.9

23526

Guzot

33

0775	225'	Ref	Del	Man
WL			12.7	222.6
ll			11.7	223.5
y			10.5	224.8
h			9.1	226.3
y			8.1	227.2
ll			7.2	228.1
EL			6.5	228.7

0450	250'	Ref	Del	Man
EL			4.3	231.0
ll			5.8	229.5
y			6.8	228.4
h			7.8	227.5
y			8.5	226.8
ll			9.3	226.0
WL			10.2	225.1

235.26

0+35	265'	n of Del Mar		
WL			9.1	226.2
bl			8.4	226.9
y			7.6	227.7
b			6.9	228.4
y			5.0	230.3
bl			3.5	231.8

0+21 279' <sup>SW</sup> n = S of base of Pyramid W on E

WL			7.1	228.2
bl			5.7	229.6
y			4.2	231.1
b			0.6	224.7

TP 575' 23865' 236 232.90

SW of Pyramid

0+35	265'	n of Del Mar		
EL			1.6	237.1

0+21 279' n of Del Mar

E 1/4			3.0	235.7
bl			2.5	236.2

EL = <sup>low</sup> Pyramid W 2.1 236.6

23865'

Survey

34

0+10	290'	n of Del Mar		
WL			5.6	233.1
bl			4.9	233.7
y			4.5	234.2

0+00 300' n = S of Pacific

WL			5.8	232.7
bl			5.3	233.4
y			5.0	233.7
b			4.5	234.4
y			3.7	234.8
bl			3.4	235.3
EL			3.0	235.7

23342



S<sup>th</sup> of Pacific

EL	34	235.3
W	39	234.7
"	45	234.2
b	50	233.7
"	54	233.3
W	60	232.7
WL	64	232.3

S<sup>1/4</sup> of Pacific

WL	70	231.7
W	67	232.0
"	61	232.6
b	58	232.7
"	52	233.5
b	46	234.1
EL	40	234.7

## Center of Pacific

EL	48	233.9
W	52	233.3
"	58	232.7
b	64	232.3
"	68	231.7
W	73	231.4
WL	77	231.0

N<sup>1/4</sup> of Pacific

WL	83	230.4
W	79	230.8
"	75	231.2
b	70	231.7
"	65	232.2
W	59	232.8
EL	52	233.5

23865

## 2 bl of Pacific

EL	59	232.8
bl	66	232.1
y	75	231.6
b	75	231.2
y	80	230.7
bl	84	230.3
W2	90	229.7

## W2 of Pacific

W2	97	228.9
bl	94	229.3
y	88	229.9
b	81	230.6
y	76	231.1
bl	70	231.7
EL	65	232.5

23865

Guzo

## 50' n of Pacific

EL	87	230.0
bl	90	229.7
y	99	228.8
b	104	228.3
y	108	227.9
bl	113	227.4
W2	120	226.7

TP 229 229.9 21.75 226.90

## 100' n of Pacific

W2	47	224.5
bl	42	225.0
y	36	225.6
b	30	226.2
y	26	226.6
bl	18	227.4
EL	13	227.9

36



22919

150' n of Pacific

El	33	225.9
bl	40	225.2
y	46	224.6
b	50	224.2
y	57	223.5
bl	62	223.0
W2	68	222.4

POSTED

200' n of Pacific

W2	86	220.6
bl	81	221.1
y	74	221.8
b	69	222.3
y	62	223.0
bl	57	223.5
El	50	224.2

22919

Guzot

250' n of Pacific

Cl	63	222.9
bl	70	222.2
y	78	221.4
b	84	220.8
y	91	220.1
bl	97	219.5
W2	103	218.9

300' n = S of Santa Cruz

W2	108	217.11
bl	113	217.9
y	105	218.8
b	98	219.4
y	93	219.9
bl	84	220.8
El	4217	226.31
	763	221.56

SW of  
Santa Cruz

37

## S bluff Santa Cruz

El	51	221.2
bl	61	220.2
y	68	219.5
l	75	218.8
7	82	218.1
bl	89	217.4
W2	98	216.5

## S 1/4 of Santa Cruz

W2	100	216.3
bl	91	217.2
y	84	217.9
b	77	218.6
y	69	219.4
bl	61	220.2
El	54	220.9

## center of Santa Cruz

El	57	220.6
bl	64	219.9
y	70	219.3
b	78	218.5
y	85	217.8
bl	90	217.3
W2	102	216.1

## N 1/4 of Santa Cruz

W2	105	215.8
bl	96	216.7
y	89	217.4
b	84	217.9
y	75	218.8
bl	65	219.8
El	58	220.5



22631

## N bl of Santa Cruz

Ed	60	220.3
bl	67	219.6
y	75	218.8
l	82	218.0
y	70	217.3
bl	100	216.3
W2	110	215.3

## N line of Santa Cruz

W2	113	215.0
bl	105	215.8
y	96	216.7
l	88	217.5
y	80	218.3
bl	73	219.0
ER	64	219.9

7P 941 23246 3.26 22303 <sup>2W to</sup> <sub>00' Santa Cruz</sub>

23246

Guzot

39

Guzot <sup>(60)</sup> St affords to the East

100' b. to l. on Santa Cruz st (80')  
S. l. of Santa Cruz st (Intersecta W. 2)

W2	80	224.5
bl	73	225.2
y	65	226.0
l	59	226.6
y	52	227.3
bl	45	228.0
ER	39	228.6

## S. l. of Santa Cruz

ER	40	228.5
bl	46	227.9
y	54	227.1
l	62	226.3
y	68	225.7
bl	75	227.0
W2	83	224.2

## S 1/4 of Santa Cruz

WR	84	224.1
ll	75	225.0
l	68	225.5
l	62	226.3
l	56	226.9
ll	48	227.5
El	42	228.3

## Center of Santa Cruz

El	43	228.0
ll	50	227.5
l	57	226.8
l	65	226.0
l	72	225.3
ll	79	224.6
WR	86	223.9

## S 1/4 of Santa Cruz

WR	89	223.6
ll	82	224.3
l	78	225.2
l	66	225.9
l	58	226.7
ll	50	227.5
El	45	228.0

## N 1/4 of Santa Cruz

El	47	227.8
ll	53	227.2
l	62	226.3
l	68	225.7
l	77	224.8
ll	84	224.1
WR	91	225.4



## N line of Santa Cruz

W2	93	223.2
bl	88	223.7
y	80	224.7
h	73	225.2
y	65	226.0
bl	56	226.9
EL	50	227.5

## 50' N of Santa Cruz

EL	58	226.7
bl	66	225.9
y	73	225.2
bl	80	224.5
y	87	223.8
bl	95	223.0
W2	100	222.5

## 100' N of Santa Cruz

644	229.53	223.09	N W of Santa Cruz
W2		77	221.8
bl		67	222.8
y		60	223.2
h		57	223.8
y		51	224.4
bl		47	224.8
EL		40	225.5

## 150' N of Santa Cruz

EL		48	224.7
bl		52	224.3
y		58	223.7
h		65	223.3
y		68	222.7
bl		73	222.2
W2		78	221.7

22950

200' n of Santa Cruz

W2	80	221.5
bl	75	222.0
7	70	222.5
6	67	222.8
4	65	223.3
bl	60	223.5
E2	56	223.9

250' n of Santa Cruz

E2	61	223.4
bl	66	222.9
7	68	222.7
6	70	222.5
7	73	222.2
bl	78	221.7
W2	80	221.5

22950

Guzot

42

300' n = S of Del Monte (80)

W2	890	220.6
bl	86	220.9
7	840	221.1
6	820	221.4
7	78	221.7
bl	77	221.8
E2	74	222.1

TP 220' 224.33 740 222.3

SE of  
Del Monte S

S of Del Monte

E2	26	221.7
bl	28	221.5
7	30	221.3
7	32	221.1
7	35	220.8
bl	37	220.6
W2	39	220.4



22433

## S 1/4 of Del Monte

W2	45	219.8
U	42	220.1
Y	40	220.3
b	37	220.6
7	35	220.8
U	33	221.0
EL	30	221.3

## center of Del Monte

EL	32	221.0
U	36	220.7
Y	39	220.4
b	42	220.1
7	45	219.8
U	44	219.9
W2	46	219.7

22435

Guzot

43

## N 1/4 of Del Monte

W2	52	219.1
U	48	219.5
Y	47	219.6
b	45	219.8
7	43	220.0
U	40	220.3
EL	38	220.5

## N 1/4 of Del Monte

EL	44	219.9
U	46	219.7
Y	48	219.5
b	50	219.3
7	50	219.3
U	54	218.9
W2	56	218.7

224.33

44

## N 2 of Del Monte

W2	61	218.2
bl	59	218.4
y	57	218.6
b	55	218.8
y	55	218.8
bl	55	218.8
EL	49	219.4

Survey st offsets back to the west  
100' to 6 at Del Monte st

## S 2 of Del Monte

W2	63	218.0
bl	59	218.4
y	57	218.6
b	54	218.9
y	51	219.2
bl	49	219.4
EL	46	219.7

224.33

Guzel

44

## S 1/2 of Del Monte

EL	48	219.5
bl	50	219.3
y	53	219.0
b	55	218.8
y	57	218.6
bl	60	218.3
W2	62	218.1

## S 1/4 of Del Monte

W2	65	217.8
bl	63	218.0
y	60	218.3
b	58	218.5
y	55	218.8
bl	52	219.1
EL	50	219.3



## Center of Del Monte

EL	53	219.0
M	57	218.6
Y	59	218.4
b	60	218.3
POSTED	62	218.1
ll	64	217.9
W2	69	217.4

## 2 1/2 of Del Monte

W2	72	217.1
ll	70	217.3
Y	66	217.7
b	64	217.9
Y	62	218.1
ll	60	218.3
EL	58	218.5

## 2 1/2 of Del Monte

EL	62	218.1
ll	66	217.7
Y	68	217.5
b	69	217.4
POSTED	70	217.3
ll	73	217.0
W2	76	216.7

## 2 1/2 of Del Monte

W2	81	216.2
ll	79	216.4
Y	77	216.6
b	76	216.7
Y	73	217.0
ll	70	217.3
EL	69	217.4
TP	121	218.59
	685	217.48

21859

50' n of Del Monte

EL	35	215.1
bl	38	214.8
y	40	214.6
b	42	214.4
y	42	214.4
bl	47	213.9
WR	48	213.8

100' n of Del Monte

WR	75	211.1
bl	74	211.2
y	71	211.5
b	68	211.8
y	66	212.0
bl	62	212.4
EL	60	212.6

21859

Quizot

150' n of Del Monte

EL	83	210.3
bl	87	209.9
y	90	209.6
b	93	209.3
y	95	209.1
bl	100	208.6
WR	102	208.4

200' n of Del Monte

WR	125	206.3
bl	121	206.1
y	118	206.8
b	113	207.3
y	110	207.6
bl	107	207.9
EL	105	208.1



21859  
 TP 241 20999 1181 206.75

250' n of Del Monte  
 E 3.6 206.4  
 bl 4.0 206.0  
 y 4.2 205.8  
 b 4.5 205.5  
 y 4.8 205.2  
 bl 5.2 204.8  
 W2 5.6 204.4

300' n = S of <sup>(60)</sup> Hanayama

W2 6.8 203.2  
 bl 6.8 203.2  
 y 6.3 203.7  
 b 5.9 204.1  
 y 5.6 204.4  
 bl 5.2 204.8  
 E2 4.9 205.1

20992 Summit

S bl of Hanayama

E 5.0 205.0  
 bl 5.4 204.6  
 y 5.8 204.2  
 b 6.2 203.8  
 y 6.6 203.4  
 bl 7.0 203.0  
 W2 7.4 202.6

S 1/4 of Hanayama

W2 7.7 202.3  
 bl 7.5 202.5  
 y 7.0 203.0  
 b 6.5 203.5  
 y 6.2 203.8  
 bl 5.8 204.2  
 E2 5.4 204.6

209.99

Center of Nanay, north

El	54	204.6
bl	58	204.2
y	62	203.8
b	68	203.2
y	72	202.8
bl	76	202.4
W2	80	202.0

N 1/4 of Nanay, north

W2	83	201.7
bl	78	202.2
y	73	202.7
b	70	203.0
y	64	203.6
bl	59	204.1
El	56	204.4

209.99

200

Guigot

48

N bl of Nanay, north

El	58	204.2
bl	63	203.7
y	67	203.3
b	71	202.9
y	75	202.5
bl	80	202.0
W2	84	201.6

N 1/2 of Nanay, north

W2	88	201.2
bl	84	201.6
y	77	202.3
b	74	202.6
y	69	203.1
bl	65	203.5
El	61	203.9

353

207.35

607 203.92

no  
Nanay, north



20735

50' n of Nanayansett

EL	4.0	203.4
bl	4.4	203.1
y	4.9	202.6
b	5.4	202.0
y	6.0	201.4
bl	6.3	201.1
WZ	7.0	200.4

100' n of Nanayansett

WZ	8.1	199.3
bl	7.6	199.8
y	7.2	200.2
b	6.7	200.7
y	6.0	201.4
bl	5.6	201.8
EL	5.2	202.2

20735

Guznet

49

150' n of Nanayansett

EL	7.5	199.9
bl	7.9	199.5
y	8.4	199.0
b	8.7	198.7
y	8.9	198.5
bl	9.4	198.0
WZ	9.8	197.6

200' n of Nanayansett

WZ	12.1	195.3		
bl	11.9	195.5		
y	11.4	196.0		
b	11.0	196.4		
y	10.7	196.7		
bl	10.4	197.0		
EL	10.2	197.2		
TP	0.57	195.11	12.75	194.60





19511

## Center of Mayana

EL	62	188.9 <sup>v</sup>
bl	66	188.5
"	68	188.3
b	72	187.9
"	73	187.8
bl	78	187.3
WR	79	187.2 <sup>v</sup>

POSTED

N<sup>1</sup>/<sub>4</sub> of Mayana

WR	87	186.4
bl	85	186.6
"	82	187.1
b	77	187.4
"	73	187.8
bl	71	188.0
EL	70	188.1

19511

51

N<sup>1</sup>/<sub>2</sub> of Mayana

EL	77	187.4
bl	79	187.2
"	82	186.9
b	83	186.8
"	86	186.5
bl	91	186.0
WR	91	186.0

N<sup>3</sup>/<sub>4</sub> of Mayana

WR	97	185.4 <sup>v</sup>
bl	99	185.2
"	95	185.6
b	90	186.1
"	89	186.2
bl	86	186.5
EL	84	186.7

19511

50' n of Mayana

EL	106	184.5
bl	107	184.4
y	111	184.0
b	114	183.7
y	118	183.3
bl	120	183.1
WL	124	182.7

TP 395 18720 1186 18325

100' n of Mayana

WL	62	181.0
bl	60	181.2
y	56	181.6
b	54	181.4
y	51	182.1
bl	48	182.4
EL	44	182.8

18720

Luzot

150' n of Mayana

EL	57	181.5
bl	60	181.2
y	62	181.0
b	64	180.8
y	69	180.3
bl	70	180.2
WL	76	179.6

200' n of Mayana

WL	87	178.5
bl	84	178.8
y	78	179.4
b	73	179.9
y	70	180.2
bl	67	180.5
EL	64	180.8



18720

225' n of Mayana

Ek	68	180.4
bl	71	180.0
y	75	179.7
b	77	179.5
w	82	179.0
u	87	178.5
WA	92	178.0

TP 0.5v 1807v 7.00 18020

250' n of Mayana

WA	31	177.6
bl	28	177.9
y	25	178.2
b	24	178.3
y	23	178.4
u	22	178.5
Ek	23	178.4

1807v

Grizot

53

275' n of Mayana

Ek	58	174.9
bl	57	175.0
y	58	174.9
b	58	174.9
y	59	174.8
u	56	175.1
WA	54	175.5

300' n = S 2. of. New part (80)  
 nearest of points 1" at w d of Grizot  
 Bmsw  
 Grizot

WA	730	153.4
u	82	172.5
y	89	171.8
d	94	171.3
	98	170.9
u	107	170.0
Ek	119	168.8
TP	059	169.4
	11.90	168.8

SE 4

new

16941

S  
S of Newport an

Es	44	165.0
ll	40	165.4
l	31	166.3
b	17	167.7
y	08	168.6
ll	02	169.2
W	71.0	170.4

S  
W of Newport

W	18	167.6
ll	27	166.7
l	43	165.1
b	60	163.4
y	66	162.8
ll	72	162.2
Es	78	161.6

16941

Guizot

54

Center of Newport

Es	92	160.2
ll	94	160.0
l	93	160.1
b	84	161.0
y	73	162.1
ll	60	163.4
W	48	164.6

W of Newport

W	68	162.6
ll	84	161.0
l	90	160.4
b	97	159.7
y	103	159.1
ll	100	159.4
Es	93	160.1



16941

66

W

S bl of Newport

ER	92	160.2	✓
bl	99	159.5	✓
y	105	158.9	✓
b	117	158.0	✓
y	118	157.6	✓
bl	110	158.4	✓
WR	97	159.7	✓

N line of Newport

WR	130	156.4	✓
bl	131	156.3	✓
y	123	157.1	✓
b	114	158.0	✓
y	102	159.2	✓
bl	96	159.8	✓
ER	89	160.5	✓

TP

167

16221

887

16054

W

16221

August

55

50 N of Newport

ER	20	160.2	✓
bl	28	159.4	✓
y	37	158.5	✓
b	45	157.7	✓
y	50	157.0	✓
bl	60	156.2	✓
WR	66	155.6	✓

100 N of Newport

WR	68	155.4	✓
bl	65	155.7	✓
y	59	156.3	✓
b	53	156.9	✓
y	46	157.6	✓
bl	42	158.0	✓
ER	36	158.6	✓

16221

154.63

Buzot

56

	150' Neg	New part
EL		6.5 155.7
HL		7.0 155.2
Y		7.5 154.7
b		8.2 154.0
Y		8.8 153.4
HL		9.4 152.8
WL		10.4 152.0

	250' Neg	New part
EL		4.5 150.1
HL		5.2 149.4
Y		5.8 148.8
b		6.4 148.2
Y		7.0 147.6
HL		7.5 147.1
WL		8.5 146.1

200' Neg New part

WL		13.7 148.5
HL		13.1 149.1
Y		12.3 149.9
b		11.5 150.7
Y		10.6 151.6
HL		9.7 152.5
EL		9.2 153.0
TP	4.03	<u>154.63</u> 11.61 150.60

300' Neg = S 29 Santa Monica (80)  
Santa Monica offset 2.15 at W 29 Buzot

WL		10.63 144.0
HL		9.4 145.2
Y		8.6 146.0
b		6.9 147.7
Y		5.3 149.1
HL		4.3 150.3
EL		3.2 151.4



15463

## S. 1/4 of Santa Monica

ER	18	152.8	✓
U	26	152.0	✓
Y	40	150.6	✓
b	55	149.1	✓
Y	68	147.8	✓
U	80	146.6	✓
W	100	144.6	✓

## S 1/4 of Santa Monica

W	97	144.9	✓
U	82	146.4	✓
Y	65	148.1	✓
b	50	149.6	✓
Y	37	150.9	✓
U	18	152.8	✓
ER	12	153.3	✓

154,63

Guzot

## Center of Santa Monica

ER	20	152.6	✓
U	22	152.4	✓
Y	30	151.6	✓
b	40	150.6	✓
Y	54	149.2	✓
U	74	147.2	✓
W	90	145.6	✓

## N 1/4 of Santa Monica

W	92	145.4	✓
U	76	147.0	✓
Y	62	148.4	✓
b	46	150.0	✓
Y	37	150.9	✓
U	32	151.4	✓
ER	40	150.6	✓

57

154.63

Nbl of Santa Monica

Er	6.9	147.7
U	5.8	148.8
4	5.2	149.4
b	5.3	149.3
7	6.7	148.4
U	7.7	146.9
W2	9.3	145.3

N2 of Santa Monica

W2	10.0	144.6
U	8.7	145.9
4	7.7	146.9
b	7.2	147.4
4	7.8	146.8
U	8.8	145.8

Er 5.56 150.93 -9.26 144.57

NEH Santa Monica

150.93

Buzgot

58

25' Ref Santa Monica

Er	6.5	144.4
U	7.8	143.1
4	8.6	142.3
b	9.0	141.9
4	9.2	141.7
U	9.5	141.4
W2	10.0	140.9

50' Ref Santa Monica

W2	11.6	139.3
U	11.2	139.7
4	10.6	140.3
Ob	9.8	141.1
4	8.8	142.1
U	7.5	143.4
Er	6.4	144.5



15093

75' N of Santa Monica

EL	37	147.2'
bl	54	145.5'
g	63	144.6'
b	76	143.3'
y	93	141.6'
bl	113	139.6'
WL	121	138.8'

100' N of Santa Monica

WL	113	139.6'
bl	93	141.6'
y	77	143.7'
b	55	145.4'
y	40	146.9'
bl	25	148.4'
EL	18	149.1'

15093

Lynette

59

175' N of Santa Monica

EL	27	148.2'
bl	36	147.3'
y	41	146.8'
bl	49	146.0'
y	60	144.9'
bl	80	142.9'
WL	98	141.1'

150' N of Santa Monica

WL	106	140.3'
b	92	141.6'
y	79	143.0'
b	68	144.1'
y	59	145.0'
bl	51	145.8'
EL	42	146.7'

150.93

200' n of Santa Monica

EL			57	145.8	✓
bl			66	144.3	✓
"			75	143.4	✓
b			85	142.4	✓
POSTED			93	141.6	✓
ll			104	140.5	✓
WL			108	140.1	✓
TP	758	14893	958	141.35	
			250' n of Santa Monica		
me			99	139.0	✓
ll			90	139.9	✓
"			82	140.7	✓
b			74	141.5	✓
"			65	142.4	✓
ll			57	143.7	✓
EL			57	145.2	✓

148.93

Guznet

60

300' n = S of Saratoga (80')  
Saratoga de Appel's 2' n of end of Guzman

EL			48	144.1	✓
ll			57	143.2	✓
"			62	142.7	✓
b			72	141.7	✓
"			82	140.7	✓
ll			90	139.9	✓
WL	835	14715	1010	138.80	137m SWH Saratoga
					(139.37)
					S of Saratoga
WL			84	138.8	✓
bl			75	139.7	✓
"			66	140.6	✓
b			55	141.7	✓
"			46	142.6	✓
ll			40	143.2	✓
EL			37	144.0	✓



14715S  $\frac{1}{4}$  of Saratoga

El	35	143.7	✓
bl	42	143.0	✓
y	48	142.4	✓
b	60	141.2	✓
y	68	140.4 <del>140.9</del>	✓
bl	75	139.7	✓
W	84	138.8	✓

## Center of Saratoga

W	87	138.5	✓
bl	79	139.3	✓
y	69	140.3	✓
b	58	141.4	✓
y	48	142.4	✓
bl	44	142.8	✓
El	36	143.6	✓

14715Swight

61

N  $\frac{1}{4}$  of Saratoga

El	59	143.3	✓
bl	49	142.3	✓
y	37	141.5	✓
b	65	140.7	✓
y	74	139.8	✓
bl	83	138.9	✓
W	93	137.9	✓

N  $\frac{1}{2}$  of Saratoga

W	101	137.1	✓
bl	90	138.1	✓
y	78	139.4	✓
b	66	140.6	✓
y	57	141.5	✓
bl	50	142.2	✓
El	42	143.0	✓

14715

2d of Saratoga

El	4	48	142.4	✓
u		53	141.9	✓
y		64	140.8	✓
b		73	139.9	✓
y		82	139.0	✓
u		94	137.8	✓
W		102	137.0	✓

50' n of Saratoga

W		114	135.8	✓
u		110	136.2	✓
y		100	137.2	✓
b		90	138.2	✓
y		83	138.9	✓
u		74	139.8	✓
El		62	141.0	✓

14716

Guzot

100' n of Saratoga

El		73	139.9	✓
u		83	138.9	✓
y		90	138.2	✓
b		100	137.2	✓
y		109	136.3	✓
u		112	135.3	✓
W		123	134.9	✓

125' n of Saratoga

W		124	134.8	✓
u		121	135.1	✓
y		114	135.8	✓
b		104	136.8	✓
y		93	137.9	✓
u		81	139.1	✓
El		66	140.6	✓

62



14715

150' n of Saratoga

EL	54	141.8
W	69	140.3
Y	81	139.1
L	96	137.6
Z	112	136.0
U	125	134.7
WZ	139	133.8

TP 1054 14544 1225 13420

175' n of Saratoga

WZ	120	133.4
U	107	134.7
Z	88	136.6
L	73	138.1
Y	61	139.3
W	45	140.9
EL	24	143.0

1475-44

Guzet

200' n of Saratoga

EL	18	143.6
W	47	140.7
Y	68	138.6
L	84	137.0
Z	97	135.7
U	110	134.4
WZ	126	132.8

POSTED

225' n of Saratoga

WZ	133	132.1
U	120	133.4
Y	105	134.9
L	83	137.1
Z	57	139.7
U	33	142.1
EL	10	144.4
	10	143.4

14544

250' ref Saratoga

EL	1.6	143.8	✓
lt	4.0	141.4	✓
		138.9	
"	6.5	139.9	✓
to	9.8	135.6	✓
"	11.3	134.1	✓
lt	12.5	132.9	✓
WL	13.8	131.6	✓

275' ref Saratoga

WL	14.7	130.7	✓
lt	12.8	132.6	✓
"	11.2	134.2	✓
to	9.6	135.8	✓
"	7.8	137.6	✓
lt	5.2	140.2	✓
EL	2.2	143.2	✓
TP	0.40	142.52	3.32 142.12

SCA  
142.12

14252

Gurzet

64

300' n = S.A. of Cape May am (80')  
Cape May am affects 25' n at w 2 of Gurzet

EL	0.4	142.1	✓
lt	2.7	139.8	✓
"	4.9	137.6	✓
to	7.0	135.5	✓
"	9.0	133.5	✓
lt	11.3	131.2	✓
WL	13.3	129.2	✓

S.A. of Cape May

See Book 985

Page 72

WL	13.6	128.9	✓
lt	12.0	129.6	✓
"	10.8	141.7	✓
to	8.7	131.8	✓
"	6.3	138.2	✓
lt	3.5	139.0	✓
EL	0.7	141.8	✓



5 1/2 of Lake May

EL	08	141.7
ll	34	139.1
"	66	135.9
b	90	133.5
"	118	130.7
ll	134	129.1
WA	154	127.1
center of Lake May		
WA	160	126.5
ll	138	128.7
"	118	130.7
b	87	131.8
"	66	135.9
ll	40	138.5
EL	10	141.5

Page 72  
935  
See Book

1/2 of Lake May

EL	26	139.9
ll	50	137.5
"	74	135.1
b	100	132.5
"	127	129.8

North of Lake May

EL	45	138.2
ll	68	135.7
"	96	132.9
b	125	130.0

Indian of Lake May

EL	57	136.8	✓	
ll	80	134.5	✓	
"	110	131.5	✓	
b	132	129.3	✓	
TP	175	131.81	12.46 130.06	T

13181

N  $\frac{1}{4}$  of Cape May

W2 60 125.8 ✓

bl 43 127.5 ✓

N  $\frac{1}{2}$  of Cape May

W2 65 125.3 ✓

bl 45 127.3 ✓

4 25 129.3 ✓

N line of Cape May

W2 67 124.9 ✓

bl 55 126.6 ✓

4 38 128.0 ✓

25' N of Cape May

W2 80 123.8 ✓

bl 65 125.3 ✓

7 44 127.4 ✓

6 38 129.0 ✓

4 14 130.4 ✓

bl 02 131.6 ✓

E2 720 1338 ✓

13181

Surge

50' N of Cape May

E2 05 131.3 ✓

bl 21 129.7 ✓

4 38 128.0 ✓

6 54 126.4 ✓

7 67 124.9 ✓

bl 80 123.8 ✓

W2 94 122.4 ✓

75' N of Cape May

W2 109 120.9 ✓

bl 70 122.8 ✓

4 74 124.4 ✓

6 59 125.9 ✓

4 49 127.4 ✓

bl 52 128.6 ✓

E2 18 130.0 ✓



136.81

100' n of Cape May

EL	54	126.4
bl	64	125.4 <del>125.0</del>
γ	80	123.8
δ	88	123.0
γ	98	122.0
bl	110	120.8
WL	128	119.0

TP 351 1228 1245 119.56

125' n of Cape May

WL	56	117.3
bl	48	118.7
γ	30	119.9
δ	18	121.1
γ	08	122.1
bl	00	122.9
EL	+10	123.9

12287

Suzor

150' n of Cape May

EL	07	122.2
bl	17	121.2
γ	30	119.9
δ	40	118.9
γ	50	117.9
bl	58	117.1
WL	70	115.9

175' n of Cape May

WL	87	114.2
bl	76	115.3
γ	65	116.4
δ	55	117.4
γ	44	118.5
bl	36	119.3
EL	24	120.5

67

12287

200' N of Cape May

EL	41	118.8	✓
bl	52	117.7	✓
7	61	116.8	✓
8	71	115.8	✓
4	81	114.8	✓
bl	88	114.1	✓
WR	101	112.8	✓

250' N of Cape May

WR	142	108.6	✓
bl	130	109.9	✓
4	117	111.2	✓
bl	107	112.2	✓
4	97	113.2	✓
bl	89	114.0	✓
EL	78	115.1	✓
TP	0.91	112.57	112.1 111.66 <sup>714</sup>

11257

Cape

68

300' n = S of Brighton (60')

EL	0.91	111.7	✓
bl	2.0	110.6	✓
4	2.9	109.7	✓
bl	3.9	108.7	✓
4	4.8	107.8	✓
bl	5.8	106.8	✓
WR	6.8	105.8	✓
TP	7.97	104.60	102.61 <sup>102.61</sup>

Mid of Brighton  
Brighton is 50' wide from mid of Brighton

WR	10.0	102.6	✓
bl	8.2	104.4	✓
4	8.7	103.9	✓
bl	8.0	104.6	✓
4	7.8	104.8	✓
4	5.0	105.6	✓
EL	5.5	107.1	✓



11263 ✓

50' N of Bright

EL	84	104.2'
ll	92	103.4'
y	102	102.4'
b	103	102.3'
z	110	101.6'
ll	120	100.6'
NR	124	100.2'
TP	278	103.1'
	100' N = S2 ally	15'
NR	55	97.6'
ll	50	98.1'
y	45	98.6'
b	39	99.2'
y	37	99.4'
ll	28	100.3'
EL	20	101.1'

10311

Guzot

69

115' N = N2 ally

EL	36	99.5'
ll	40	99.1'
y	50	98.1'
b	52	97.9'
y	59	97.2'
ll	55	96.9'
NR	66	96.5'

265' N of Bright

NR	104	92.7'
ll	97	93.4'
y	90	94.1'
b	82	94.9'
y	79	95.2'
ll	70	96.1'
EL	60	97.1'

10311

215' N = S of Long Branch (50')

EL	70	96.1
ll	80	95.1
y	91	94.0
b	95	93.6
y	100	93.1
ll	107	92.4
WR	114	91.7
TP	1164	91.47

581 9728

S of Long Branch

WR	60	91.3 <del>93.3</del>
ll	50	92.1
y	49	92.4
b	40	93.0 94.0
y	38	93.5 94.5
ll	27	94.6 95.6
EL	18	95.5

9728

Gingot

S 1/4 of Long Branch

70

EL	28	94.5
ll	35	93.8
y	40	93.3
b	47	92.6
y	50	92.1
ll	58	91.5
WR	67	90.6

POSTED

Center of Long Branch

WR	69	90.4
ll	60	91.3
y	54	91.9
b	48	92.5
y	40	93.0
ll	38	93.5
EL	29	94.4



9728

N 1/4 of Long Branch

E2	34	93.9
U	42	93.0
"	48	92.5
L	52	92.0
"	58	91.5
U	66	90.7
W2	73	90.0

S 1/4 of Long Branch

W2	72	90.1
U	83	91.0
"	62	91.1
6	57	91.6 91.8
"	54	91.9
U	44	92.9
E2	33	94.0

9728

Sugget

71

N line of Long Branch

E2	40	93.3
U	48	92.5
"	58	91.5
L	60	91.3
"	65	90.8
U	68	90.5
W2	79	89.4

S 1/4 of Long Branch

W2	10.6	86.7
U	98	87.5
"	94	87.9
L	87	88.6
"	82	89.2
U	74	89.9
E2	64	90.9



9728

100' n of Long Branch = S. alley

EL		90	88.3	✓
bl		100	87.3	✓
y		106	86.7	✓
b		110	86.3	✓
y		114	85.5	✓
bl		123	85.0	✓
WR		133	84.0	✓
TP	420	8462	1286	8432
	115'	n =	nd alley	
WR		57	82.9	✓
bl		49	83.9	✓
y		39	84.7	✓
b		31	85.5	✓
y		29	85.7	✓
b		25	86.1	✓
EL		11	87.5	✓

8862

Gurgot

72

165' n of Long Branch

EL		36	85.0	✓
bl		48	83.8 <del>85.8</del>	✓
y		55	83.1	✓
b		59	82.7	✓
y		66	82.0	✓
bl		72	81.4	✓
WR		85	80.1 81.1	✓

215' n = S. L. Inman St (50')

WR		110	77.6	✓
bl		100	78.6	✓
y		93	79.3	✓
b		84	80.2	✓
y		78	80.8	✓
bl		69	81.7	✓
EL		59	82.7	✓



8862

68

S 1/2 of Prairie St

		82.5	
ER	61	82.1	
bl	71	81.5	
y	81	80.5	
b	87	79.9	
g	97	78.9	
bl	107	77.9	
WR	113	77.3	

S 1/4 of Prairie St

WR	117	76.9	
bl	108	77.8	
y	97	78.9	
b	88	79.8	
g	78	80.8	
bl	72	81.4	
ER	64	82.2	

8862Survey

73

Center of Prairie

ER	66	82.0	
bl	75	81.1	
y	82	80.4	
b	90	79.6	
g	102	78.4	
bl	110	77.6	
WR	118	76.8	

N 1/4 of Prairie

WR	122	76.4	
bl	111	77.5	
y	101	78.5	
b	92	79.4	
g	83	80.3	
bl	76	81.0	
ER	70	81.6	

8862

Table of Min

El	74	81.2
ll	80	80.6
		79.7
y	89	79.9
b	96	79.0
7	105	78.1
ll	115	77.1
W2	125	76.1

Table of Min

W2	127	75.9
ll	115	77.1
y	109	77.7
b	99	78.7
y	93	79.3
ll	87	79.9
El	76	81.0
		81.2

7P

860

80.08

914

79.48

80.08

80.1

80.08

50 Table of Min

El	07	79.4
ll	17	78.4
y	25	77.6
b	28	77.3
7	40	76.1
ll	44	75.7
W2	57	74.4

100 Table of Min

W2	65	73.6
ll	63	73.8
y	60	74.1
b	55	74.6
y	48	75.3
ll	44	75.7
El	35	76.6

74



80.08

80.1

130' *ref* *Ormin*

EL	61	74.0	✓
W	68	73.3	✓
Y	71	73.0	✓
b	75	72.6	✓
4	80	72.1	✓
W	83	71.8	✓
W2	83	71.8	✓
W2	98	70.3	✓
	97	70.2	✓
	96	70.5	✓
W	90	71.1	✓
1/4	89	71.2	✓
Ch.	85	71.6	✓
E.L.	80	72.1	✓
Bm	898	72.0	✓

POSTED

188' *n =* *S2. Vol train*

cross-section of Brighton (60')

Ed of Gungot to

75

1235 115.00

102.65 *n w H Brighton & Gungot*  
*is 10' E of E on the*

E line of Gungot at *North side*

W2	72	107.8	
W	65	08.5	
Y	60	09.0	POS
b	53	09.7	
4	53	09.7	
W	44	10.8	
SA	34	11.6	
TP	1181	225.49	+1.32 11368
W	50	E of Gungot	
W	93	16.2	
W	100	15.5	
Y	106	14.9	
b	107	14.8	
Y	117	13.8	
W	130	12.5	
W	137	11.8	

SE H

125-49

125-49

Brighton

76

105

100 S of Gungah

22	97	15.8
ll	88	16.5
7	82	17.3
6	74	18.1
7	69	18.6
ll	63	19.2
52	52	20.3

POSTED

150 E of Gungah

52	20	23.5
ll	27	22.8
7	35	22.0
6	40	21.5
7	52	20.3
ll	60	19.5
22	70	18.5

200 E of Gungah

22	44	121.1
ll	37	221
7	25	230
6	10	245
7	0.5	252
7P	1237	13761
ll	115	26.1
52	102	27.4

230.5 E of Gungah

52	90	28.6
ll	100	27.6
7	107	26.9
6	117	25.9
7	122	25.0
ll	138	23.8
22	152	22.4



13761

Brighton is opened only in the S Half  
from 2315' E of Survey (29.5')

250' E of Survey

S2	75	130.1
bl	85	29.1
y	95	28.1
b	105	27.1

300' E of Survey

S2	60	31.6
bl	69	30.7
y	77	29.9
b	85	29.1

350' E of Survey

S2	45	33.1
bl	58	31.8
y	60	31.6
b	62	31.4

13761

Brighton

400' E of Survey

S2	2.8	134.8
bl	22	34.4
y	25	35.1
b	18	35.8

TP 1210 14740 531 13530

450' E of Survey

S2	92	38.2
bl	90	38.7
y	84	39.0
b	77	38.7

500' E of Survey

S2	35	41.9
bl	55	41.9
y	50	42.4
b	46	42.8

77

POSTED

14740

	550'	E of	Summit = W alley	
SL			2.2	145.2
ll			2.2	45.2
γ			1.8	45.6
δ			1.3	46.1

570' E of - Ed alley

SL			1.0	46.4
ll			1.0	46.4
γ			0.8	46.6
δ			0.1	47.3

TP 1024 15717 0.97 146.93

620' E of Summit

SL			8.0	49.2
ll			8.0	49.2
γ			7.7	49.5
δ			7.3	49.9

15717

Brylly

78

	670'	E of	Summit	
SL			6.1	51.1
ll			5.8	51.4
γ			5.7	51.5
δ			5.0	52.2

718.1 E = W 2 ~~48~~ 7m

SL			4.7	52.5
ll			4.5	52.7
γ			4.4	52.8
δ			3.8	53.4

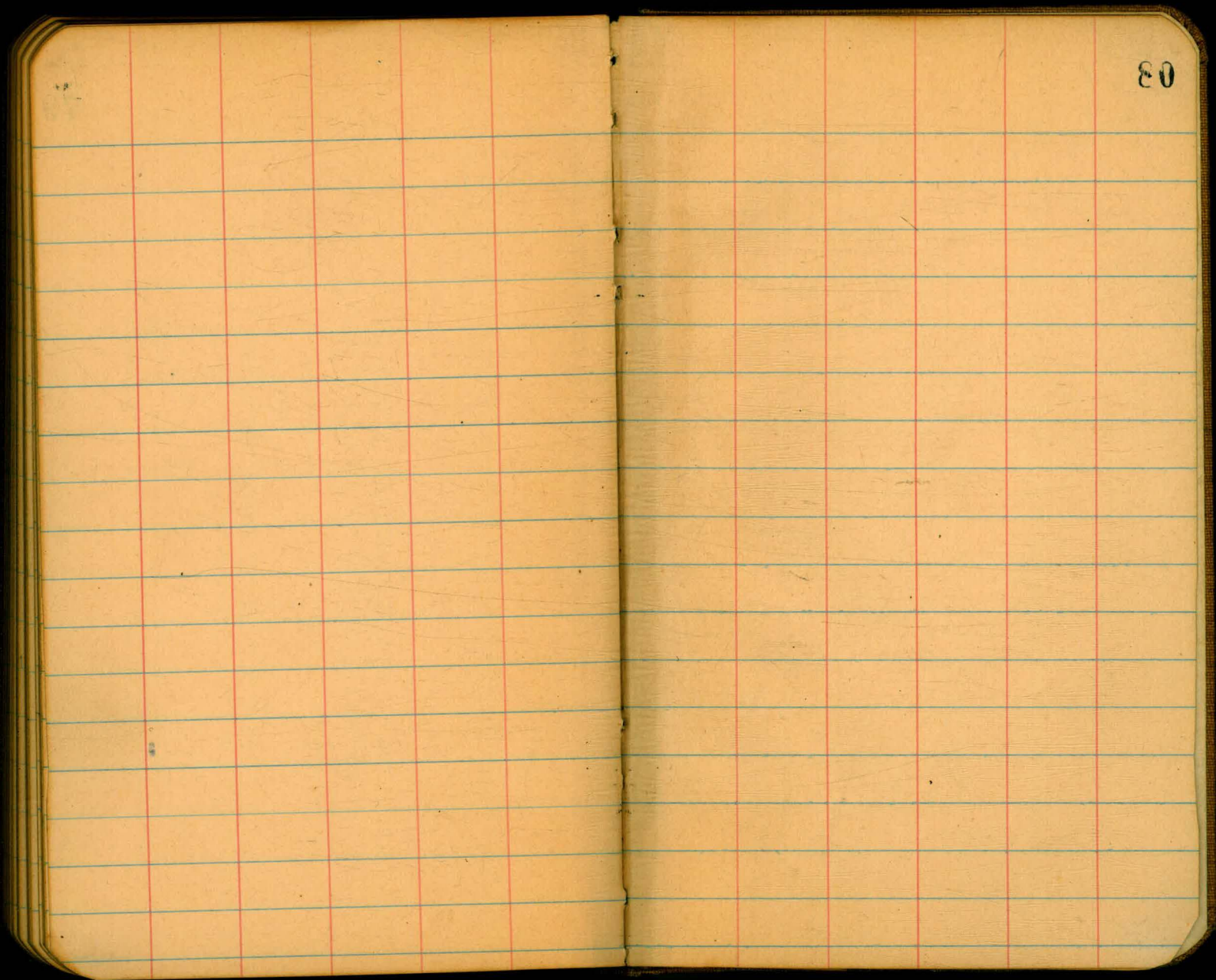
The Summit

Bm on left 0.71 116.46

POSTED







80



# 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	28.82	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	37.16	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	90.46	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.		

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