

F.B.316

LEVEL

400

316



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.....	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

MICROFILMED

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	Angle	Cor. in Links	Angle	Cor. in Links	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

—Index—

Xsec Cape May St.			
From E.L. Guizot - Venice			1
Xsec. Saratoga	"	"	7
Xsec Santa Monica	"	"	13
Xsec Newport	"	"	22
Xsec Niagara	"	"	31
Xsec Narragansett	"	"	39
Xsec Del Monte - Guizot - Santa Barbara			47
Xsec Santa Cruz -	"	"	51
Xsec Santa Cruz - Guizot - E.L. Ocean Beach			54
Xsec Pacific - Freude - Venice			62

Lohough
 Taylor
 Dray
 direction of Cape May St (80')
 E of Kingst East to W. D. D. D. D.
 offsets 25' n from Ocean Beach

Bm	839	130.51	141.12	SS H Cape May Kingst
SL			84	142.1
ll	POSTED		87	141.8
7			88	141.7
6			91	141.4
7			106	139.9
ll			123	138.2
22			137	136.8

25' E of Kingst St

22			93	141.2
ll			82	142.3
7			74	143.1
6			66	143.9
7			59	144.6
ll			53	145.2
SL			42	146.3

15051

50'	E of	Quartz		
SL		0.5	150.0	
bl		0.8	149.7	
γ		1.7	148.8	
b		2.3	148.2	
γ		3.3	147.2	
bl		4.4	146.1	
RL		5.4	145.1	

TP 11.90 15824 417 146.34

100'	E of	Quartz		
RL		7.2	151.0	
bl		6.4	151.8	
γ		5.6	152.6	
b		4.8	153.4	
γ		3.8	154.4	
bl		3.0	155.2	
SL		2.4	155.8	

TP 12.33 16870 187 156.37

16870

Cape May

2

150'	E of	Quartz		
SL		7.6	161.1	
bl		8.0	160.7	
γ		8.5	160.2	
b		9.3	159.4	
γ		10.5	159.5	
bl		11.8	156.9	
RL		13.1	155.6	

200' E of Quartz

RL		8.7	160.0	
bl		7.6	161.1	
γ		6.6	162.1	
b		5.8	162.9	
γ		4.5	164.2	
bl		3.4	165.1	
SL		3.0	165.7	

16870

	250'	E of	Guzot	
SL			07	168.0
bl			13	167.4
7			20	166.7
6			28	165.9
7			35	165.2
bl			46	164.1
RL			57	163.0
	300'	E of	Guzot	
RL			54	163.3
bl			44	164.3
7			36	165.1
6			26	166.1
7			22	166.5
bl			17	167.3
SL			10	167.7

16870

Lake Mary

3

	350'	E of	Guzot	
SL			30	165.7
bl			35	165.2
7			41	164.6
6			48	163.9
7			56	163.1
bl			65	162.2
RL			71	161.6
TP	366	165.92	644	162.26
	400'	E of	Guzot	
RL			61	159.8
bl			53	160.6
7			46	161.3
6			38	162.1
7			32	162.7
bl			28	163.1
SL			23	163.6

16592

450' E of Gungah

SL	42	161.7
bl	46	161.3
γ	50	160.9
b	55	160.4
γ	61	159.8
bl	68	159.1
SL	73	158.6

500' E of Gungah

SL	84	157.5
bl	80	157.9
γ	77	158.5
b	70	158.9
γ	64	159.5
bl	60	159.9
SL	55	160.4

16592

Cape May

550' E of Gungah

4

SL	61	159.8
bl	67	159.2
γ	73	158.6
b	77	158.2
γ	82	157.7
bl	85	157.4
SL	92	156.7

600' E = W of Santa Barbara (60')

SL	96	156.3
bl	90	156.9
γ	86	157.3
b	81	157.8
γ	77	158.2
bl	70	158.9
SL	66	159.3

TP 466 16403 655 15973 SWH Santa Barb.

16403

W 1/4 of Santa Barbara

SL	46	159.4
ll	50	159.0
7	55	158.5
6	59	158.1
7	65	157.5
ll	69	157.1
N2	75	156.5

W 1/4 of Santa Barbara

N2	75	156.5
ll	71	156.9
7	67	157.3
6	61	157.9
4	57	158.3
ll	52	158.8
SL	47	159.3

16403

Lake Mary

5

Center of Santa Barbara

SL	47	159.3
ll	51	158.9
7	56	158.4
6	60	158.0
7	63	157.7
ll	68	157.2
N2	74	156.6

E 1/4 of Santa Barbara

N2	74	156.6
ll	70	157.0
7	66	157.4
6	61	157.9
7	58	158.2
ll	52	158.8
SL	47	159.3

16403

E of Santa Barbara

SL	48	159.2
ll	51	158.9
y	56	158.4
b	60	158.0
y	64	157.6
ll	70	157.0
nl	74	156.6

E of Santa Barbara

nl	73	156.7
ll	70	157.0
y	66	157.4
b	61	157.9
y	57	158.3
ll	52	158.8
SL	47	159.3

16403

Lake May

6

50' E of Santa Barbara

SL	46	159.4
ll	50	159.0
y	52	158.8
b	57	158.3
y	62	157.8
ll	65	157.5
nl	71	156.9

POSTED

100' E of Santa Barbara

SL	43	159.7
	68' E =	W of Venice north
	1187' E of Santa Barbara	W of Venice or south
SL	41	159.9
ll	46	159.7
y	50	159.0
b	57	158.3
y	63	157.7
ll	65	157.5
nl = 68' East	69	157.1

Intersection of Saratoga St (50')
 E line of Gungot to W.L. Service

Saratoga offsets 20 m from Ocean Beach
 1225 157.05 1388.80

SW of
 Saratoga
 Gungot

TP 1190 16159 136 1496.9

100' E of Gungot

E line of Gungot

SR 55 156.1

SL 69 144.2

LL 60 155.6

ll 71 144.0

7 64 155.2

7 **POSTED** 74 143.7

6 62 155.4

6 75 143.6

POSTED 62 155.4

9 78 143.3

ll 65 155.1

ll 81 143.0

72 68 154.8

72 86 148.5

TP 1221 17242 138 1602.1

50' E of Gungot

13 150' E of Gungot

72 34 147.7

72 105 161.9

ll 32 147.9

ll 101 162.3

7 30 148.1

7 100 162.4

6 29 148.2

6 96 162.8

9 27 148.4

7 95 162.9

ll 22 148.9

ll 92 163.2

SL 20 149.1

SL 86 163.8

17242

200' E of Gungot

SL	33	169.1
bl	33	169.1
y	36	168.8
b	36	168.8
y	40	168.4
bl	34	169.2
SL	33	169.1

TP 1222 18185- 279 169.63

250' E of Gungot

SL	96	172.3
bl	94	172.5
y	94	172.5
b	93	172.6
y	86	173.3
bl	84	173.5
SL	83	173.6

18185-

Saratoga

8

300' E of Gungot

SL	41	177.8
bl	43	177.6
y	46	177.3
b	54	176.5
y	59	176.0
bl	64	175.5
SL	70	174.9

350' E of Gungot

SL	52	176.7
bl	44	177.5
y	36	178.3
b	31	178.8
y	24	179.5
bl	18	180.1
SL	11	180.8

TP 657 18779 0-57 181.25

18779

400' E of Gungot

SL	52	182.6
bl	60	181.8
γ	68	181.0
δ	77	180.1
γ	84	179.4
bl	93	178.5
nl	101	177.7

450' E of Gungot

nl	100	177.8
bl	90	178.8
γ	82	179.6
δ	67	181.1
γ	54	182.4
bl	47	183.1
SL	38	184.0

18779

Saratoga

500' E of Gungot

SL	31	184.7
bl	42	183.6
γ	52	182.6
δ	63	181.5
γ	76	180.2
bl	88	179.0
nl	102	177.6

550' E of Gungot

nl	110	176.8
bl	97	178.1
γ	82	179.6
δ	67	181.1
γ	55	182.3
bl	41	183.7
SL	30	184.8

9

18779 18779

600' E = W 2 of Santa Barbara (60')

SL	37	184.1
HL	52	182.6
Y	63	181.5
U	80	179.8
7	90	178.8
HL	103	177.5
SL	118.66	176.13

n.w. of
Santa Barbara
+ Saratoga

1035 18644

176.13

W 60 of Santa Barbara

SL	104	176.13
HL	92	177.3
Y	80	178.5
U	69	179.6
9	57	180.8
HL	39	182.6
SL	28	183.7

18648

Saratoga

10

W 40 of Santa Barbara

SL	31	183.4
HL	42	182.3
Y	55	181.0
U	70	179.5
7	82	178.3
HL	94	177.1
SL	102	176.3

Center of Santa Barbara

SL	104	175.9
HL	94	177.1
Y	82	178.2
U	70	179.5
9	60	180.5
HL	42	182.2
SL	33	183.2

18648

E 1/4 of Santa Barbara

SA	3	35	183.0
bl		46	181.9
y		58	180.7
b		72	179.3
y		83	178.2
bl		94	177.1
n2		105	176.0

E bl of Santa Barbara

n2		105	176.0
bl		97	176.8
y		86	177.9
b		74	179.1
y		60	180.5
bl		48	181.7
SA		36	182.9

18648

Saratoga

E line of Santa Barbara

11

SA		38	182.7
bl		52	181.3
y		64	180.3
b		73	179.2
y		85	178.0
bl		96	176.9
n2		106	175.9

50 E of Santa Barbara

n2		108	175.7
bl		97	176.8
y		89	177.6
b		80	178.5
y		72	179.3
bl		57	180.8
SA		45	182.0

186.48

100' E of Santa Barbara

SL 47 181.8

H 58 180.7

Y 66 179.9

L 75 179.0

Y 86 177.9

H 97 176.8

HL 107 175.8

130' E of Santa Barbara

HL 110 175.5

H 100 176.5

Y 90 177.5

L 79 178.6

Y 69 179.6

H 57 180.8

SL 47 181.8

186.48

Saratoga

12

200' E of Santa Barbara

SL 50 181.5

H 60 180.5

Y 68 179.7

L 80 178.5

Y POSTED 90 177.5

H 100 176.5

HL 108 175.7

250' E of Santa Barbara

HL 103 176.2

H 97 176.8

Y 90 177.5

L 84 178.1

Y 74 179.1

H 64 180.1

SL 56 180.9

18648

253.3' E on road side

291.7' E on South side } W of
Memor. st

82	53	181.2
81	62	180.3
7	72	179.3
6	78	178.7
5	80	177.5
4	86	176.9
3	102	176.3

POSTED

cross-section of Santa Monica Is (80')

E line of Gungot to Mt Venice

13

E line of Gungot
Santa Monica opposite 2.5' n from Ocean Beach 2.5' n Santa Monica
1243 15788 145.25 Gungot

82	124	145.5
81	100	147.9
7	71	150.8
6	52	152.7
5	45	153.4
4	50	152.9
3	62	151.7

POSTED

25' E of Gungot

82	39	154.0
81	52	154.7
7	46	153.3
6	81	149.8
5	100	147.9
4	104	147.5
3	106	147.3

13784

50' E of Gungot

22	62	151.7'
ll	71	150.8
4	76	150.3
6	75	153.4
"	62	151.7
ll	33	154.6
SL	18	156.1'

75' E of Gungot

SL	+1.0	158.5'
ll	1.0	156.9
4	4.3	153.6
6	5.0	152.9
4	4.2	153.7
ll	3.0	154.9
22	25	155.4'

TP 12.80 169.32 136 156.52

16932

Santa Monica

14

100' E of Gungot

22	11.0	158.3'
ll	12.2	157.1
4	13.4	155.9
6	13.0	156.3
"	10.0	159.3
ll	6.6	162.7
SL	6.8	162.5

125' E of Gungot

SL	3.0	166.3
ll	1.0	167.7
4	2.6	166.7
6	5.4	163.9
4	9.2	159.7
ll	8.0	161.3
22	6.4	162.9

TP 12.82 180.98 12.6 168.06

180.98

181.0

130' E of Gungot.

nl	121	168.9
bl	133	167.7
g	143	166.7
b	145	166.5
v	100	171.0
bl	84	172.6
SL	98	171.2

175' E of Gungot

SL	73	173.7
bl	67	174.3
g	76	173.4
b	96	171.4
g	80	173.0
bl	72	173.8
nl	67	174.3

180.98

Santa Monica

15

200' E of Gungot

nl	41	176.9
bl	49	176.1
g	54	175.6
b	58	175.2
g	68	174.2
bl	56	175.4
SL	53	175.7

250' E of Gungot

SL	38	177.2
bl	41	176.9
g	40	177.0
b	32	177.8
g	24	178.6
bl	16	179.4
nl	0.8	180.2

TP = 1170 192.36 0.0v

19236

300' E4 Budget

22	79	184.5
66	83	184.1
7	92	183.2
6	106	181.8
7	114	181.0
66	124	180.0
52	128	179.6

350' E4 Budget

52	85	183.9
66	75	184.9
7	66	185.8
6	61	186.3
7	59	186.5
66	56	186.8
22	55	186.9

19236

Santa Monica

16

400' E4 Budget

22	34	189.0
66	35	188.9
7	36	188.8
6	36	188.8
7	37	188.7
66	40	188.4
52	47	187.7

450' E4 Budget

52	22	190.2
66	21	190.3
7	20	190.4
6	18	190.6
7	18	190.6
66	16	190.8
22	15	190.9
TP	916	2008
		19161

200.78

500' E of Budget

nl	79	192.9
bl	82	192.6
y	83	192.5
b	84	192.4
y	85	192.3
bl	86	192.2
sl	88	192.3

550' E of Budget

sl	67	194.1
bl	67	194.1
y	64	194.4
b	65	194.3
y	63	194.5
bl	62	194.6
nl	60	194.8

200.78

Santa Monica

17

600' E = W 2 of Santa Barbara (609)

nl	42	196.6
bl	42	196.6
y	42	196.6
b	45	196.3
y	45	196.3
bl	46	196.2
sl	47	196.1

W 2 of Santa Barbara

sl	41	196.7
bl	41	196.7
y	41	196.7
b	40	196.8
y	40	196.8
bl	38	197.0
nl	38	197.0

20078

W $\frac{1}{4}$ of Santa Barbara

SL	36	197.2
bl	36	197.2
y	36	197.2
b	37	197.1
y	37	197.1
bl	37	197.1
SL	38	197.0

center of Santa Barbara

SL	34	197.4
bl	34	197.4
y	34	197.4
b	34	197.4
y	34	197.4
bl	33	197.5
SL	34	197.4

20078

Santa Barbara

18

E $\frac{1}{2}$ of Santa Barbara

SL	30	197.8
bl	30	197.8
y	30	197.8
b	30	197.8
y	30	197.8
bl	31	197.7
SL	28	198.0

E bl of Santa Barbara

SL	27	198.1
bl	27	198.1
y	28	198.0
b	27	198.1
H	27	198.1
bl	27	198.1
SL	27	198.1

20078

Edine of Santa Barbara

92		25	198.3
ll		24	198.4
y		24	198.4
6	POSTED	23	198.5
y		24	198.4
ll		23	198.5
SS		23	198.5

BM 1088 20931 232 198.5

50' E of Santa Barbara

52		90	200.5
ll		91	200.2
y		92	200.1
6		91	200.2
y		92	200.1
ll		93	200.0
92		95	199.8

SE 4 Santa Barbara

20931

Santa Barbara

100' E of Santa Barbara

92		81	201.2
ll		78	201.5
y		78	201.5
6		76	201.7
y		75	201.8
ll		74	201.9
SS		72	202.1

150' E of Santa Barbara

52		32	204.1
ll		52	203.7
y		60	203.3
6		60	203.3
y		63	203.0
ll		64	202.7
92		73	202.0

209.31

200' E of Santa Barbara

22	71	202.2 ^v
M	64	202.9
7	57	203.6
6	50	204.3
7	44	204.9
M	40	205.3
SL	37	205.6 ^v

250' E of Santa Barbara

SL	23	202.0 ^v
M	30	206.3
7	35	205.8
6	43	205.0
7	54	203.9
M	64	202.9
22	75	201.8 ^v

209.31

Santa Monica

20

300' E of Santa Barbara

22	82	201.1 ^v
M	70	202.3
7	60	203.3
6	50	204.3
7	42	205.1
M	28	206.5
SL	16	207.7 ^v

TP. 346

103 209.8

on 300' Santa Monica SL

350' E of Santa Barbara

SL	40	205.3 ^v
M	50	204.3
7	61	203.2
6	75	201.8
7	89	200.4
M	100	199.3
22	112	198.1 ^v

400' E Santa Barbara

n2		117	197.6
bl		109	198.4
y		97	199.6
b		88	200.5
y	POSTED	75	201.8
bl		60	203.3
sl		44	204.9

450' E

S2 53 204.0

428.4 = Venice in N side
464.7 = Venice St on S side

S2		57	203.6
sl		66	202.7
7		78	201.5
l		90	200.3
y		100	199.3
bl		110	198.3
n2	428.4 E	120	197.3

Collection of Newport St (80')

E line of Gungot to Wd Venice st

E line of Gungot

Newport objects 15' N. from Ocean Beach ne # Newport Gungot
998 17052 16054

SL 10.0 160.5

bl **POSTED** 10.4 160.1

Y 10.4 160.1

b 10.4 160.1

Y 9.0 161.5

bl 5.6 164.9

SL 1.8 168.7

25' E of Gungot

SL 2.6 166.9

bl 7.6 162.9

Y 8.0 162.5

b 8.0 162.5

Y 7.8 162.7

bl 7.7 162.8

SL 8.0 162.5

17052

Newport

22

50' E of Gungot

SL 6.1 164.4

bl 5.8 164.7

Y 5.4 165.1

b 5.8 164.7

Y 6.0 164.5

POSTED

bl 6.2 164.3

SL 5.6 164.9

75' E of Gungot

SL 4.4 166.1

bl 4.0 166.5

Y 5.8 166.7

b 3.7 166.8

Y 3.9 166.6

bl 4.3 166.2

SL 7.5 166.0

17052

	100'	E of	Survey	
RL			30	167.5
ll			27	167.8
y			23	168.2
b			23	168.2
y			15	169.0
ll			18	168.7
SL			22	168.3

TP 1217 18119 150 169.0

	125'	E of	Survey	
SL			102	171.0
ll			99	171.3
y			105	170.7
b			110	170.2
y			118	169.4
ll			115	169.7
RL			120	169.2

18119

Newport

23

	150'	E of	Survey	
RL			116	169.6
ll			108	170.4
y			98	171.4
b			95	171.7
y			90	172.2
ll			85	172.7
SL			81	173.1

175' E of Survey

SL			60	175.2
ll			70	174.2
y			80	173.2
b			70	174.2
y			86	172.6
ll			100	171.2
RL			109	170.3

200'	E of	Buoy	
22		77	173.5
22		60	175.2
7		50	176.2
6		56	175.6
7		28	178.4
22		60	175.2
52		48	176.4

225'	E of	Buoy	
52		25	178.7
22		20	179.2
7		20	179.2
6		24	178.8
7		33	177.9
22		26	178.6
22		27	178.5

250'	E of	Buoy	
22		12	180.0
22		00	181.2
7		00	181.2
6		405	181.7
7		10	180.2
22		07	180.5
52		10	180.2

TP 1279 19390 008 181.11

315'	E of	Buoy	
52		129	181.0
22		121	181.8
7		113	182.6
6		113	182.6
7		113	182.6
22		114	182.5
22		119	182.0

19390

300' E of Gungot

RA	115	182.4
bl	111	182.8
y	107	183.2
b	107	183.2
y	107	183.2
bl	107	183.2
SL	114	182.5

350' E of Gungot

SL	93	184.6
bl	93	184.6
y	95	184.4
b	99	184.0
y	102	183.6
bl	107	183.2
RA	110	182.9

19390

Newport

25

400' E of Gungot

RA	105	183.4
bl	103	183.6
y	100	183.9
b	96	184.3
y	95	184.4
bl	92	184.7
SL	89	185.0

450' E of Gungot

SL	80	185.9
bl	80	185.9
y	80	185.9
b	80	185.9
y	82	185.7
bl	82	185.7
RA	80	185.9

19390

500' E of Gungah

RL	60	1879'
ll	60	187.9
γ	55	188.4
6	55	188.4
γ	55	188.4
ll	54	188.5
SL	53	188.6

550' E of Gungah

SL	33	190.6
ll	37	190.2
γ	40	189.9
6	43	189.6
γ	47	189.2
ll	51	188.8
RL	55	188.4

19390

Newport

26

600' E = W line of Santa Barbara St (80)

RL	22	191.7'
ll	19	192.0
γ	16	192.3
6	16	192.3
γ	17	192.2
ll	20	191.9
SL	19	192.0'

TIP 1251 20437 184 19206

W line of Santa Barbara

SL	117	192.7'
ll	115	192.9
γ	115	192.9
6	113	193.1
γ	113	193.1
ll	115	192.9
RL	120	192.4

8 W 14
Santa Barbara
Newport

W 1/4 of Santa Barbara

N2	112	193.2
H	110	193.4
7	106	193.8
6	106	193.4
7	108	193.6
6	108	193.6
SA	110	193.4

Center of Sta Barb

SE	102	194.2
H	101	194.3
7	99	194.5
6	99	194.5
7	100	194.4
H	103	194.1
N2	106	193.8

E 1/4 of Santa Barbara

N2	101	194.3
H	99	194.5
7	94	195.0
6	93	195.1
7	93	195.2
H	93	195.0
SA	94	195.0

E 1/4 of Santa B

SE	85	195.9
H	85	195.9
7	87	195.7
6	88	195.6
7	92	195.2
H	95	194.9
N2	95	194.9

20737

Edins N Santa Barbara

22	90	195.4
ll	88	195.6
y	86	195.8
l	83	196.1
y	81	196.3
ll	80	196.4
SL	80	196.4

50' E of Sta B -

SR	28	201.6
ll	28	201.6
y	29	201.5
l	26	201.8
y	27	202.0
ll	31	201.3
SL	37	200.7

TP	1140	21283	224	20143
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21283

Newport

28

100' E of Sta Ba -

ll	87	204.1
ll	87	204.1
y	87	204.6
y	87	204.6
y	80	204.8
ll	78	205.0
SL	78	205.0

150' E of Sta B -

SL	53	207.5
ll	55	207.3
y	55	207.3
y	59	206.9
y	58	207.0
ll	60	206.8
ll	62	206.6

21283

	200'	E of	Santa Barbara	
22			35	209.5
hh			33	209.5
γ			31	209.7
b			31	209.7
γ			29	209.9
hh			27	210.1
S2			26	210.2

TP 1266 22349 200' 21083

250' E of S-B-

S2			102	213.3
hh			104	213.1
γ			107	212.8
b			106	212.9
γ			106	212.9
hh			109	212.6
22			111	212.4

22349New fault

29

	300'	E of	S-B-	
22			81	215.4
hh			81	215.4
γ			79	215.6
b			79	215.6
γ			78	215.7
hh			76	215.9
S2			73	216.2

350' E of S-B-

S2			45	219.0
hh			47	218.8
γ			47	218.8
b			47	218.8
γ			48	218.7
hh			51	218.4
22			51	218.4

22349

400' E of Santa Barbara

22	25	221.0
bl	22	221.3
7	22	221.3
6	20	221.5
4	18	221.7
bl	18	221.7
SA	15	222.0

TP 1231 23481 099 2250

450' E of S-B

SA	97	225.1
bl	97	225.1
7	99	224.9
1	101	224.7
7	103	224.5
bl	104	224.4
22	107	224.1

23481new part

30

500' E of S-B

22	78	227.0
bl	76	227.2
7	73	227.5
1	71	227.7
7	70	227.8
bl	70	227.8
SA	68	228.0

POSTED

550' E of S-B

SA	43	230.5
bl	44	230.4
7	46	230.2
6	47	230.1
7	50	229.8
bl	52	229.6
22	57	229.1

23481

	600' E =	W L Venia St	
N L		36	231.2
bl		30	231.8
y		28	232.0
b		26	232.2
y		26	232.2
bl		26	232.2
SL		25	232.3
TP		26	232.20

SW of
Venia
St

POSTED

Intersection of Niagara St (80')
E L of Gungot to W L of Venia St

E L of Gungot
Niagara offset 0.5' to north from Venia St
89' 200.12 191.21
SE of
Niagara
Gungot

31

SL		89	191.2
bl		97	190.4
y		104	189.7
b	POSTED	112	188.9
y		120	188.1
bl		127	187.4
N L		134	186.7

50' E of Gungot

N L		119	188.2
bl		114	188.7
y		110	189.1
b		102	189.9
y		97	190.7
bl		86	191.5
SL		78	192.3

20012

	100	E of	Survey
SA			64 193.7
ll			69 193.2
γ			76 192.5
l			84 191.7
γ			90 191.1
ll			99 190.2
na			106 189.5

	130	E of	Survey
na			91 191.0
ll			88 191.3
γ			83 191.8
l			75 192.6
γ			68 193.3
ll			60 194.1
SA			55 194.6

20012

Niagara

32

	200	E of	Survey
SA			45 195.6
ll			50 195.1
γ			56 194.5
l			62 193.9
γ			68 193.3
ll			74 192.7
na			80 192.1

	250	E of	Survey
na			65 193.6
ll			60 194.1
γ			58 194.3
l			51 195.0
γ			48 195.3
ll			40 196.1
SA			34 196.7

20012

300' E of Gungot

SL	24	197.7
ll	29	197.2
γ	34	196.7
δ	37	196.4
γ	45	195.6
ll	50	195.1
nl	57	194.4

350' E of Gungot

nl	56	194.5
ll	47	195.4
γ	40	196.1
δ	33	196.8
γ	25	197.6
ll	20	198.1
SL	13	198.8

TP	470	<u>20417</u>	065	199.47
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20417

Niagara

33

400' E of Gungot

SL	45	199.7
ll	50	199.2
γ	57	198.5
δ	65	197.7
γ	75	196.7
ll	88	195.4
nl	100	194.2

450' E of Gungot

nl	97	194.5
ll	90	195.2
γ	83	195.9
δ	73	196.9
γ	61	198.1
ll	49	199.3
SL	38	200.4

POSTED

207.17

500' east Gungah

SS	43	199.9
ll	52	199.0
γ	63	197.9
l	73	196.9
γ	80	196.2
ll	89	195.3
RL	94	194.8

550' east Gungah

RL	88	195.4
ll	82	196.0
γ	75	196.7
l	68	197.4
γ	60	198.2
ll	55	198.7
SS	48	199.4

207.17

600' east W of Santa Barbara

34

SS	44	199.8
ll	49	199.3
γ	52	199.0
ll	59	198.3
γ	66	197.6
ll	74	196.8
RL	78.6	196.31

W of
Santa Barbara
Magway

W of S-B

RL	78	196.4
ll	74	196.8
γ	67	197.5
l	62	198.0
γ	55	198.7
ll	49	199.3
SS	44	199.8

20417

W 1/4 of S-Barlow

SR	42	200.0
ll	46	199.6
7	50	199.2
6	57	198.5
7	64	197.8
ll	71	197.1
SR	76	196.6

center of S-B-

SR	74	196.8
ll	70	197.2
7	65	197.7
6	60	198.2
7	54	198.8
ll	47	199.5
SR	41	200.1

20417

Hayden

35

E 1/4 of Santa Barbara

SR	40	200.2
ll	46	199.6
7	53	198.9
6	58	198.3
7	62	198.0
ll	68	197.4
SR	72	197.0

E 1/4 of S-B-

SR	70	197.2
ll	65	197.7
7	60	198.2
ll	56	198.6
7	49	199.3
ll	44	199.8
SR	37	200.5

20417

E line of Santa Barbara

SL	37	200.5
ll	42	200.0
γ	50	199.2
h	55	198.7
γ	60	198.2
ll	64	197.8
SL	67	197.3

50' E of S- B-

SL	64	197.8
ll	60	198.2
γ	56	198.6
h	48	199.4
γ	44	199.8
ll	40	200.2
SL	32	201.0

20417

Magnum

36

100' E of S- B-

SL	28	201.7
ll	31	201.4
γ	38	200.4 POSTED
h	43	199.9
γ	45	199.7
ll	49	199.3
SL	46	199.6

150' E of S- B-

SL	22	202.0
ll	27	201.5
γ	29	201.3
h	30	201.2
γ	28	201.4
ll	26	201.6
SL	22	202.0

TP 1120 21442 1.45 2022

214.72

	200	E of	Santa	B. above
SL			110	203.4
ll			114	203.0
y			108	203.6
b			107	203.7
y			105	203.9
ll			105	204.2
SL			98	204.6
	250	E of	S-B	
SL			56	208.8
ll			62	208.2
y			70	207.4
b			75	206.9
y			79	206.5
ll			80	206.4
SL			81	206.3

214.72

Magnum

37

	200	E of	S-	B-
SL			46	209.8
ll			40	210.4
y			35	210.9
b			26	211.8
y			16	212.8
ll			06	213.8
TP	11.55	204.26	1.21	213.21
SL			99	214.9
	350	E of	S-B	
SL			62	218.6
ll			67	218.1
y			71	217.7
b			76	217.2
y			84	216.4
ll			90	215.8
SL			97	215.1

22476

450' E of Santa Barbara

SL	58	219.0
tl	55	219.3
y	50	219.8
b	48	220.0
v	45	220.3
tl	42	220.6
SL	40	220.8

450' E of S-B

SL	25	222.3
tl	27	222.1
y	32	221.6
b	36	221.2
v	40	220.8
tl	46	220.2
SL	50	219.8

22476

Magnum

38

500' E of S-B

SL	60	218.8
tl	53	219.5
y	50	219.8
b	45	220.3
v	38	221.0
tl	33	221.5
SL	26	222.2

550' E of S-B

SL	36	221.2
tl	42	220.6
y	46	220.2
b	53	219.5
v	60	218.8
tl	67	218.1
SL	72	217.6

POSTED

21476

	600' E =	W Lin of Venice St	
SL		76	217.2
SL		72	217.6
4		66	218.2
6		60	218.8
4		54	219.4
SL		46	220.2
SL		41	220.7
Bm		296	221.80 ^{221.80}

POSTED

Cross-section of Manayuncet St (80')

E Lin of Gungot to W L of Venice. 39?

Manayuncet St	E Lin of Gungot offsets	0.5' to North from Ocean Beach	W L of Manayuncet St
1243	216.35	203.92	Gungot
SL		124	204.0
SL		122	204.2
4		120	204.4
6		118	204.6
4		118	204.6
SL		113	205.1
SL		112	205.2
	50' E of	Gungot	
SL		91	207.3
SL		93	207.1
4		94	207.0
6		98	206.6
4		98	206.6
SL		98	206.6
SL		99	206.5

216.35

100 E of Gungah

h2	77	208.7
h1	77	208.7
7	76	208.8
6	76	208.8
4	73	209.1
h1	73	209.1
SL	72	209.2

150 E of Gungah

SL	52	211.2
h1	54	211.0
4	55	210.9
6	56	210.8
7	57	210.7
h1	57	210.7
h2	58	210.6

216.35

Managimint

40

200 E of Gungah

h2	44	212.0
h1	42	212.2
7	40	212.4
6	41	212.3
4	38	212.6
h1	37	212.7
SL	37	213.0

250 E of Gungah

SL	19	214.5
h1	21	214.3
7	21	214.3
6	25	213.9
4	27	213.7
h1	29	213.5
h2	32	213.2

21635

300' E of Gungot

h2		13	214.1
bl		19	214.5
y		17	214.7
b		15	214.9
y		10	215.4
bl		09	215.5
SL		06	215.8

TP 736 22370 001 21634

350' E of Gungot

SL		71	216.6
bl		74	216.3
y		77	216.0
b		81	215.6
y		83	215.4
bl		84	215.3
h2		90	214.7

22370

Navigation

41

400' E of Gungot

h2		88	214.9
bl		84	215.3
y		78	215.9
b		76	216.1
y		70	216.7
bl		68	216.9
SL		65	216.2

450' E of Gungot

SL		59	217.8
bl		62	217.5
y		65	217.2
b		71	216.6
y		75	216.2
bl		80	215.7
h2		87	215.0

22370

	500'	E of	Guznet	
22			84	215.3
hl			80	215.7
4			73	216.4
6			70	216.7
"			60	217.7
hl			58	217.9
52			52	218.5

550' E of Guznet

52			45	219.2
hl			50	218.7
7			34	218.3
6			58	217.9
7			65	217.2
hl			69	216.8
22			78	215.9

22370

Nanny Insel

42

600' E of Santa Barbara (80')

22			70	216.7
hl			62	217.5
4			60	217.7
6			55	218.2
7			47	219.0
hl			40	219.7
52			33	220.4

POSTED

W of Santa Barbara

52			31	220.6
hl			22	220.1
7			40	219.7
6			46	219.1
7			52	218.5
hl			60	217.7
22			67	217.0

W 1/4 of Santa Barbara

22	65	217.2
21	60	217.7
4	55	218.2
6	50	218.7
4	41	219.6
21	36	220.1
22	30	220.7

Center of S B

22	27	221.0
21	33	220.4
4	37	220.0
6	43	219.4
4	49	218.8
21	55	218.2
22	62	217.5

E 1/4 of S B

22	60	217.7
21	55	218.2
4	49	218.8
6	44	219.3
4	38	220.2
21	32	220.5
22	25	221.2

E 1/4 of S B

22	25	221.2
21	28	220.9
4	32	220.5
6	37	220.0
4	43	219.4
21	51	218.6
22	57	218.0

22370

E line of Santa Barbara

h2		57	218.0
hh		50	218.7
y		42	219.5
b		37	220.0
y		30	220.7
hh		26	221.1
SR		22	221.5
TP	740	228.72	231 223.9
	50'	E of	S-B-
SR		62	222.6
hh		66	222.2
y		72	221.6
b		82	220.6
y		87	220.1
hh		93	219.5
h2		100	218.8

SE 4
Santa B
navigation

22879

navigation

44

100' E of S-B-

h2		97	219.1
hh		87	220.1
y		82	220.6
b		77	221.1
y		65	222.3
hh		61	222.7
SR		56	223.2
	150'	E of	S-B-
SR		51	223.7
hh		59	222.9
y		65	222.3
b		74	221.4
y		79	220.9
hh		84	220.4
h2		92	219.6

22879

	200'	E of	Santa Barbara	
nl			86	220.2
bl			80	220.8
y			72	221.6
b			66	222.2
y			58	223.0
bl			54	223.4
SL			47	224.1

	250'	E of	S-B	
SL			56	223.2
bl			50	223.8
y			52	223.2
b			63	222.5
y			68	222.0
bl			76	221.2
nl			82	220.6

22879

navigation

45

	300'	E of	S-B	
nl			85	220.3
bl			80	220.8
y			73	221.5
b			68	222.0
y			60	222.8
bl			56	223.2
SL			50	223.8

TP 115' 225-44 450' 224.9

	350'	E of	S-B	
SL			26	222.8
bl			30	222.4
y			35	221.9
b			38	221.6
y			42	221.2
bl			48	220.6
nl			53	220.1

225-44

400' E of Santa Barbara

22	58	219.6
bl	55	219.9
7	51	220.3
6	48	220.6
4	44	221.0
bl	44	221.0
SL	41	221.3

450' E of S-B

SL	59	219.5
bl	62	219.2
7	65	218.9
6	68	218.6
4	69	218.5
bl	72	218.2
22	74	218.0

225-44

Manzanita

500' E of S-B

22	105	214.9
bl	102	215.2
7	96	215.8
6	98	215.6
4	90	216.4
bl	88	216.6
SL	86	216.8

POSTED

70 178 215.50 1172 215.2

550' E of S-B

SL	25	213.0
bl	27	212.8
7	29	212.6
6	29	211.6
4	49	210.6
bl	56	209.9
22	63	209.2

215-50

600' E = W 2 of Geneva St

22	110	204.5
ll	108	204.7
4	103	205.2
8	103	205.2
4	93	206.2
ll	92	206.3
SL	84	207.1
	848	207.0

SW H
Geneva

cross-section of Del Monte St (80')
from 100' W of W of Geneva St to W of Santa Barbara

47

W line of Geneva St

402	217.8
39	218.1
39	218.1
42	217.8
45	217.5
48	217.2
52	216.8
57	216.3

2 E H
Del Monte St
Geneva St

POSTED

50' W of Geneva St

22	214.8
ll	215.4
4	215.7
6	216.0
4	216.3
ll	216.3
SL	216.1

100' W of Gungot

SL	77	214.3
bl	77	214.3
y	76	214.4
b	78	214.2
y	80	214.0
bl	84	213.6
SL	90	213.0

Del Monte drops off 30' or so into a canyon
just west of here

E line of Gungot here is 100' E of General
cut line. Both intersect here to

48

E line of Gungot Lt

104.8	232.56	221.13	524' of Gungot
SL	104	222.2	
bl	108	221.8	
y	112	221.4	
b	115	221.1	
"	119	220.7	
bl	125	220.1	
SL	130	219.6	

50' E of Gungot

SL	118	220.8
bl	114	221.2
y	110	221.6
b	106	222.0
y	100	222.6
bl	96	223.0
SL	92	223.4

232.56

100' E of Gungot

52	76	225.0
61	79	224.7
7	83	224.3
6	86	224.0
4	92	223.4
6	96	223.0
22	102	222.4

150' E of Gungot

22	84	224.2
66	79	224.7
4	76	225.0
6	71	225.5
4	68	225.8
66	62	226.4
52	60	226.6

232.56

Del Monte

49

200' E of Gungot

52	40	228.6
66	45	228.1
4	48	227.8
6	52	227.4 POSTED
4	56	227.0
6	60	226.6
22	65	226.1

250' E of Gungot

22	48	227.8
66	42	228.4
4	36	229.0
6	32	229.4
4	28	229.8
66	25	230.1
52	20	230.6
TP	12.51	24360
	1.77	25109

24360

	300'	E of	Geizot	
SL			108	232.8
bl			114	232.2
y			118	231.8
b			123	231.3
4			131	230.6
bl			134	230.2
SL			140	229.6

	350'	E of	Geizot	
SL			120	231.6
bl			112	232.4
y			108	232.8
b			104	233.2
y			95	234.1
bl			89	234.7
SL			83	235.3

24360

Red mounts

50

	400'	E of	Geizot	
SL			60	237.6
bl			66	237.0
y			75	236.1
b			82	235.4
y			90	234.6
bl			96	234.0
SL			101	233.5

	450'	E of	Geizot	
SL			84	235.2
bl			77	235.9
y			69	236.7
b			60	237.6
y			52	238.4
bl			43	239.3
SL			37	239.9

24360

500' E = W line of Santa Barbara

SL	18	241.8
ll	26	241.0
γ	35	240.7
b	44	239.4
γ	49	238.7
ll	58	237.8
nl	68	236.8
Bm	683	236.77 ^{n.w. Santa Barbara}

This is the Summit on this St
falls off East

~~POC-5'~~

cross-section of Santa Cruz St (80')

E line of Burgot to W of Santa Barbara 51

1.2 W Burgot St is 100' E of general line

1236 23545 223.09

E line of Burgot

nl	80	227.5
ll	77	227.8
γ	75	228.0
b	73	228.2
γ	71	228.4
ll	69	228.6
SL	70	228.5

POSTED

50' E of Burgot

SL	32	232.3
ll	32	232.3
γ	34	232.1
b	34	232.1
γ	35	232.0
ll	38	231.7
nl	42	231.3

TP	12.43	235.45	0.48	234.97
----	-------	--------	------	--------

SB	100'	E of	Bungot	
na			125	234.9
bl			123	235.1
y			120	235.4
b			117	235.7
y			115	235.9
bl			112	236.2
SA			112	236.2

	150'	E of	Bungot	
SA			74	240.0
bl			73	240.1
y			74	240.0
b			77	239.7
y			82	239.2
bl			85	238.9
na			90	238.4

247.40

Santa Cruz

52

	200'	E of	Bungot	
na			52	242.2
bl			48	242.6
y			44	243.0
b			40	243.4
y			40	243.4
bl			36	243.8
SA			36	243.8

TP	11.85	257.63	1.62	245.99
----	-------	--------	------	--------

	250'	E of	Bungot	
SA			10.0	247.6
bl			10.1	247.5
y			10.2	247.4
b			10.3	247.3
y			10.7	246.9
bl			11.0	246.6
na			11.3	246.3

25763

300' E of Gwynt

22	70	250.3
bl	70	250.6
4	67	250.9
b	65	251.1
4	62	251.4
bl	62	251.4
S2	62	251.4

350' E of Gwynt

S2	28	254.8
bl	28	254.8
4	28	254.8
b	30	254.6
4	28	254.8
bl	31	254.5
22	37	253.9

T.P.	737	26187	313	254.50
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26187

Same Aug

400' E of Gwynt

22	49	257.0
bl	46	257.3
4	45	257.4
b	44	257.5
4	43	257.4
bl	43	257.4
S2	48	257.1

450' E of Gwynt

S2	38	258.1
bl	37	258.5
4	32	258.7
b	28	259.1
4	30	258.9
bl	31	258.8
22	31	258.8

53

26/87

500' E = W line of Santa Barbara

22	35	258.4
lh	35	258.4
7	36	258.3
6	36	258.3
4	40	257.9
ll	43	257.6
SL	48	257.1
BM	489	257.00

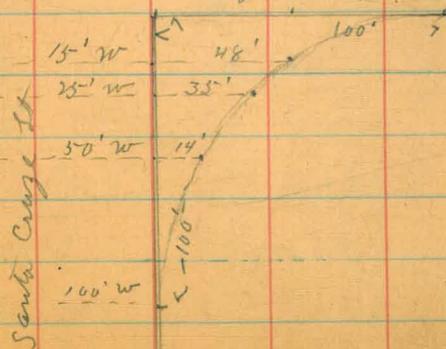
SNW 4
Santa Barbara
Santa Cruz

cross-section of Santa Cruz St (80')
from W side of Sargent St to E side of Ocean Beach 54

W line of Sargent St

381	220.82	217.11	8W 4 Santa Cruz Sargent
22	6.0	215.0	
ll	5.6	215.4	
7	5.1	215.9	
6	4.8	216.2	
4	4.5	216.5	
ll	4.4	216.6	
SL	3.8	217.2	
50' South	2.0	219.0	
100' South	0.3	220.7	

Sargent St



220.92

15' W of Gungot st

NL	75	213.5
bl	73	213.7
Y	70	214.0
b	71	213.9
Y	76	213.4
bl	84	212.6
SL	52	215.8
48' South = ^{about on} the curve	37	217.3

25' W of Gungot

NL	89	212.1
bl	93	211.7
Y	90	212.0
b	97	211.3
Y	107	210.6
bl	102	210.8
SL	80	213.0
35' South = curve	50	216.0

220.92

Santa Cruz

55

50' W of Gungot

NL	102	207.8
bl	102	207.8
Y	137	207.6
b	133	207.7
Y	130	208.0
bl	130	208.0
SL	128	208.2
14' South = curve	106	210.4

TP 055 20897 1250 20840

100' W of Gungot

NL	77	201.3
bl	70	202.0
Y	57	203.3
b	50	204.0
Y	50	204.0
bl	47	204.3
SL	40	205.0

20897

150' w of Gungah

S2	77	201.3
bl	87	200.3
y	95	199.5
b	110	198.0
24	120	197.0

200' w of Gungah

S2	107	198.3
bl	122	196.8
y	133	195.7

227' w on South = Ocean Beach

S2	106	198.4
bl	120	197.0
y	137	195.3

TP	110	197.67	124	196.57
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19767

Santa Cruz St

56

150' w of Gungah

S2	45	193.2
bl	35	194.2

200' w of Gungah

22	86	189.1
bl	65	191.2
y	50	192.7
b	37	194.5

224' w on North side = Ocean Beach

22	107	187.0
bl	83	189.4
y	59	191.8
b	40	193.7
y	24	195.3

Santa Cruz St offsets about
1 ft to the South of Ocean Beach
going East.

Collection of Santa Cruz 11/80'
 W. of Santa Barbara to 90' L. Venice
 W. of Santa Barbara

	211	25911	257.00	SW 1/4 Santa Cruz Santa Cruz
SL			257.0	SL
bl			257.2	bl
γ			258.0	γ
b			258.3	b
γ			258.3	γ
bl			258.4	bl
nL			258.4	nL

W. of Santa Barbara

nL			257.9
bl			258.1
γ			258.0
b			257.9
γ			257.5
bl			257.2
SL			256.7

25-911

Santa Cruz

57

W 1/4 of S-B

SL	28	256.3
bl	25	256.6
γ	15	257.6
b	17	257.4
γ	16	257.5
bl	15	257.6
nL	15	257.6

center of S-B

nL	20	257.1
bl	20	257.1
γ	22	256.9
b	23	256.8
γ	25	256.6
bl	28	256.3
SL	24	255.7

259.11

E 1/4 of Santa Barbara

SA	36	255.5
bl	32	255.9
y	30	256.1
b	27	256.4
y	26	256.5
bl	26	256.5
NA	27	256.4

E 1/4 of Santa Barbara

NA	32	255.9
bl	32	255.9
y	32	255.9
b	32	255.9
y	34	255.7
bl	38	255.3
SA	42	254.9

259.11

Santa Cruz

58

E 1/4 of S-B-

SA	48	254.3
bl	45	254.6
y	40	255.1
b	40	255.1
y	38	255.3
bl	38	255.3
NA	38	255.3

S 1/4 of S-B-

NA	72	251.9
bl	71	252.0
y	72	251.9
b	73	251.8
y	74	251.7
bl	77	251.4
SA	80	251.1

25911

	100'	E of	Santa Barbara	
SA			112	247.8
bl			113	247.8
γ			111	248.0
b			111	248.0
γ			110	248.1
bl			110	248.1
n2			110	248.1
TP	063	24910	1064	248.7
	150'	E of	S-B-	
n2			59	243.2
bl			59	243.2
γ			48	244.3
b			47	244.4
γ			47	244.4
bl			48	244.3
SA			48	244.3

24910

Santa Cruz

59

	200'	E of	S-B-	
SA			87	240.4
bl			88	240.3
γ			88	240.3
b			90	240.1
γ			91	240.0
bl			91	240.0
n2			93	239.8
	250'	E of	S-B-	
n2			132	235.9
bl			130	236.1
γ			128	236.3
b			128	236.3
γ			126	236.5
bl			126	236.5
SA			125	236.6
TP	067	237.35	1212	246.98

237.5

300' E of Santa Barbara

SL	45	232.9
bl	44	233.0
Y	47	232.7
b	48	232.6
Y	50	232.4
bl	50	232.4
SL	53	232.1

POSTED

350' E of S-13

SL	88	228.6
bl	86	228.8
Y	85	228.9
b	83	229.1
Y	81	229.3
bl	78	229.6
SL	78	229.6

237.35

Santa Cruz

60

400' E of S-13

SL	104	227.0
bl	107	226.7
Y	110	226.4
b	112	226.2
Y	116	225.8
bl	117	225.7
SL	119	225.5

POSTED

710' 227.2 1133 226.2

450' E of S-13

SL	47	223.6
bl	43	223.4
Y	41	223.6
b	39	223.8
Y	35	224.2
bl	32	224.5
SL	29	224.8

22772

500 E of Santa Barbara

SL	44	223.3
bl	49	222.8
y	56	222.1
b	57	222.0
y	59	221.8
bl	62	221.5
SL	67	221.0

550 E of S-B

SL	85	219.2
bl	81	219.6
y	77	220.0
b	72	220.4
y	70	220.7
bl	66	221.1
SL	63	221.4

22772

Santa Cruz

61

600 E-W of Venice

SL	78	219.9
bl	81	219.6
y	84	219.3
b	88	218.9
y	93	218.4
bl	96	218.1
SL	102	217.5
TP	1028	217.94

with Venice

Cross-section of Pacific Dam (80')

Ed of bit to wd. Dam

From the

E of bit st

50 ft

Pacific

13+20	320	18661	18341	
SL			21	184.5
bl			60	180.6
y			134	178.2
b			160	170.6
y			150	171.6
bl			138	172.8
nl			127	173.9
13+45	25'	E of	bit st	
nl			122	174.4
bl			135	173.1
y			142	172.4
b			130	173.6
y			90	177.6
bl			43	182.3
SL			13	185.3

18661

Pacific

62

13+70 50' E of

From the
bit st

SL			57	185.9
bl			40	182.6
y			56	181.0
b			74	179.2
y			100	176.6
bl			126	174.0
nl			110	175.6

POSTED

13+95 75' E of

bit st

nl			90	177.6
bl			106	176.0
y			112	175.4
b			102	176.4
bl			88	177.8
bl			51	181.5
SL			22	183.0

18661

14+20	100'	E of	6th st	
SA			48	181.5
bl			50	181.3
y			73	179.3
b			95	177.1
y			90	177.6
bl			80	178.6
nl			62	180.4

14+45	125'	E of	6th st	
nl			34	183.2
bl			47	181.9
y			54	181.2
b			60	180.6
y			52	181.4
bl			56	181.0
SA			51	181.5

TP 10.91 193.78 404 182.57

19348

Pacific

63

14+70	150'	E of	6th st	
SA			108	182.7
bl			104	183.1
y			102	183.3
b			106	182.9
y			97	183.8
bl			90	184.5
nl			77	185.8

14+95	175'	E of	6th st	
nl			75	194.0
bl			57	190.3
y			57	187.8
b			66	186.9
y			70	186.5
bl			76	185.9
SA			83	185.2

19348

15+20	200'	E of bit st		
SR			63	187.2
bl			55	188.0
4			50	188.5
6			40	189.5
T.P.	1064	20247	165	191.83
4			97	192.8
bl			72	195.3
72			57	196.8
15+45	225'	E of bit st		
22			30	199.5
bl			50	197.5
7			55	197.0
7			62	196.3
7			76	194.9
bl			98	192.7
SR			132	189.3

20247

Pacific

84

15+60	240'	E of bit		
SR			112	191.3
bl			92	193.3
15+70	250'	E of bit		
SR			110	191.5
bl			65	196.0
			44	198.1
			40	198.4
			20	200.5
			12	201.3
15+72	252'	E of bit		
SR			165	186.0
bl			92	193.3
15+78	258'	E of bit		
SR			160	186.5
bl			80	194.5
			40	198.5

POSTED

20247

15+85	265'	E of	6th		
SL				16.8	185.7
ll				14.0	188.5
4				5.0	197.5
6				1.7	200.1
4				0.5	202.3
15+95	275'	E of	6th		
SL				11.5	191.0
ll				7.0	195.5
4				2.3	200.2
16+20	300'	E of	6th		
SL				6.6	195.9
ll				0.0	202.5
16+45	325'	E of	6th		
SL				8.5	194.0
TP	9.90	<u>211.87</u>	0.50		201.97

211.87

Pacific

65

15+70	270'	E of	6th		
SL					8.3 203.6
15+85	265'	E of	6th		
SL					6.7 205.2
ll					8.9 203.5
15+95	275'	E of	6th		
SL					6.0 205.9
ll					6.5 205.4
4					7.0 204.9
6					7.7 204.2
16+20	300'	E of	6th		
SL					2.8 209.1
ll					4.4 207.5
4					4.6 207.3
6					3.5 208.4
4					4.5 207.4

21187

16+45	325'	E of	622	
h2			26	209.3
h			28	209.1
y			50	206.9
b			80	203.9
y			120	199.9
hh			134	198.5
16+70	350'	E of	622	

SL			98	202.1
h			80	203.9
y			74	204.5
b			40	207.9
y			21	209.8
b			00	211.9
h2			11	210.8
TPO	1100	22188	0.91	210.96

22198

Pacific

66

16+84	262' E of South	365' E on North	= Puerto line = E line of Vicar Beach	
h2			84	213.6
h			94	212.6
y			107	211.3
b			134	208.6
y			129	208.1
h			129	209.1
SL			146	207.4

	Pacific an	offsets to	at South 20'	
			at the Puerto line	
16+95	325'	E of	622	
SL			98	212.2
h			108	211.2
y			120	210.0
b			117	210.3
y			100	212.0
h			83	213.7
h2			64	215.6

221.94

17+20	400'	E of	6th st	
22			1.2	220.8
hl			5.3	216.7
y			7.4	214.6
b			9.5	212.5
y			10.0	212.0
hl			9.5	212.5
SL			7.7	214.3

17+45	425'	E of	6th	
SL			5.8	216.2
hl			7.0	215.0
y			6.3	215.7
b			6.2	215.8
y			4.2	217.8
hl			1.0	221.0
TD	11.6v	<u>230.18</u>	3.4v	218.6
22			8.5	221.7

230.18 Pacific

07

17+70	450'	E of	6th st	
22			7.6	222.6
hl			7.0	223.2
y			8.0	222.2
b			11.6	218.6
y			13.3	216.9
hl			14.2	216.0
SL			15.1	215.1

17+95	475'	E of	6th	
SL			13.1	217.1
hl			13.0	217.2
y			10.7	219.5
b			8.5	221.7
y			5.4	224.8
y			5.4	224.8
hl			6.0	224.2
22			6.8	223.4

23018

18+20	500	E of	6th st	
33			55	224.7
ll			48	225.4
y			43	225.9
h			43	226.2
y			90	221.2
ll			102	220.0
SL			114	218.8
18+45	525	E of	6th st	
SL			93	220.9
ll			70	223.2
y			48	225.4
+2			21	228.1
b			23	227.9
y			31	227.1
ll			36	226.6
nl			44	225.8

23018

Pacific

68

18+70	550	E of	6th st	
nl			33	226.9
ll			24	227.8
y			18	228.4
h			10	229.2
y			0,0	230.2
ll			12	230.0
+3			4.8	226.2
SL			6.1	224.1
TP	1221	22691	5.48	22470
18+95	575	E of	6th st	
SL			90	227.9
ll			58	231.1
y			64	230.5
h			70	229.9
y			77	229.2
ll			82	228.7
nl			90	227.9

238.91

19+20 600' E = W line of Gungot (80)

22	80	228.9
ll	71	229.8
7	65	230.4
6	60	230.9
4	57	231.7
ll	46	232.3
Sect	4.01	232.90

TP 1075 24682 050 236.7

E line of Gungot

S2	11.2	235.6
ll	11.5	235.3
7	12.1	234.7
6	12.8	234.0
7	13.3	233.5
ll	13.9	232.9
22	14.6	232.2

246.82

Pacific

50' E of Gungot

22	11.5	235.3
ll	11.0	235.8
4	10.9	236.4
6	9.7	237.1
7	9.0	237.8
ll	8.7	238.2
S2	8.2	238.7

100' E of Gungot

S2	5.1	241.7
ll	5.5	241.3
4	6.0	240.8
6	6.4	240.4
7	7.1	239.7
ll	7.7	239.1
22	8.3	238.5

246.92

150' E of Guizot

22	51	241.7
66	43	242.5
7	37	243.1
6	29	243.9
7	24	244.4
6	19	244.9
SL	16	245.2

TP 12.02 257.60 124 245.8

200' E of Guizot

SL	90	248.6
66	94	248.2
7	100	247.6
6	105	247.1
7	110	246.6
66	116	246.0
62	125	245.1

257.60

Paape

70

250' E of Guizot

62	94	248.2
66	87	248.9
7	80	249.6
6	73	250.3
7	66	251.0
6	64	251.2
SL	59	251.7

POSTED

300' E of Guizot

SL	35	254.1
66	40	253.6
7	44	253.2
6	49	252.7
7	58	251.5
66	65	251.1
62	71	250.5

25760

350' E of Gungt

nl	57	251.9
bl	50	252.6
y	43	253.3
b	38	253.8
y	32	254.4
bl	28	254.8
sl	24	255.2

400' E of Gungt

sl	32	254.4
bl	36	254.0
y	41	253.5
b	45	253.1
y	50	252.6
bl	50	252.6
nl	60	251.6

25760

Pacific

71

450' E of Gungt

nl	77	249.9
bl	74	250.2
y	72	250.4
b	67	250.9
y	63	251.3
bl	58	251.8
sl	55	252.1
TP	054	253.23
S	500	E of Gungt
sl	40	249.2
bl	44	248.8
y	45	248.7
b	47	248.5
y	51	248.1
bl	54	247.8
nl	57	247.5

25323

550' E of Gungat

R2	80	245.2
bl	79	245.3
y	80	245.2
b	78	245.4
y	76	245.6
bl	75	245.7
SR	74	245.8

600' E = NW of Saylor Barlow (60)

SR	104	242.8
bl	106	242.6
y	104	242.8
b	106	242.6
y	104	242.8
bl	103	242.9
R2	107	242.8

NW of
S-B-

25323

Paape

72

NW of S-B-

R2	107	242.5
bl	108	242.4
y	109	242.3
b	110	242.2
y	111	242.1
bl	110	242.2
SR	109	242.3

NW of S-B-

SR	116	241.6
bl	115	241.7
y	116	241.6
b	114	241.8
y	113	241.9
bl	113	241.9
R2	112	242.0

25323

center of Santa Barbara

n2	117	241.5
bl	119	241.3
y	119	241.3
b	120	241.2
y	122	241.0
bl	121	241.1
SL	120	241.2

E 1/4 of S-B-

SL	127	240.5
bl	127	240.5
y	127	240.5
b	127	240.5
y	126	240.6
bl	125	240.7
n2	121	241.1

TP 079 24361 1071 24262

24361

Pacific

73

E 1/4 of S-B-

n2	30	240.6
bl	32	240.4
y	32	240.4
b	34	240.2
y	35	240.1
bl	36	240.0
SL	35	240.1

E 1/4 of Santa Barbara

SL	41	239.5
bl	41	239.5
y	40	239.6
b	40	239.6
y	37	239.9
bl	35	240.1
n2	34	240.2

24361

50' E of Santa Barbara

72	50	238.6
bl	53	238.3
y	55	238.1
l	57	237.9
y	59	237.7
bl	60	237.6
SL	62	237.4

100' E of Santa Barbara

SL	75	236.1
bl	73	236.3
y	72	236.4
l	68	236.8
y	66	237.0
bl	65	237.1
72	62	237.4

24361

Paapi

150' E of S-B

72	68	236.8
bl	72	236.4
y	75	236.1
l	78	235.8
y	80	235.6
bl	82	235.4
SL	84	235.2

200' E of S-B

SL	92	234.4
bl	92	234.4
y	90	234.6
l	88	234.8
y	85	235.1
bl	83	235.3
72	80	235.6

74

24361

250' E of Santa Barbara

nl		90	234.6
bl		92	234.4
y		94	234.2
b		96	234.0
7		98	233.8
bl		100	233.6
SL		100	233.6

TP	412	<u>238.33</u>	940	234.1
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300' E of S-B

SL		52	233.1
bl		53	233.0
7		50	233.3
b		50	233.3
y		50	233.3
bl		48	233.5
nl		46	233.7

23833Pacific

75

350' E of S-B

nl		47	233.6
bl		48	233.5
y		48	233.5
b		50	233.3
7	POSTED	51	233.2
bl		51	233.2
SL		53	233.0

400' E of S-B

SL		50	233.3
bl		48	233.5
y		48	233.5
b		47	233.6
y		46	233.7
bl		46	233.7
nl		45	233.8

23833

450' E of Santa Barbara

22	50	233.3
bl	48	233.5
y	47	233.6
b	47	233.6
y	47	233.6
bl	48	233.5
SR	49	233.4

500' E of S-B

SR	56	232.7
bl	56	232.7
y	56	232.7
b	57	232.6
y	58	232.5
bl	60	232.3
22	60	232.3

23833

Pacific

76

550' E of S-B

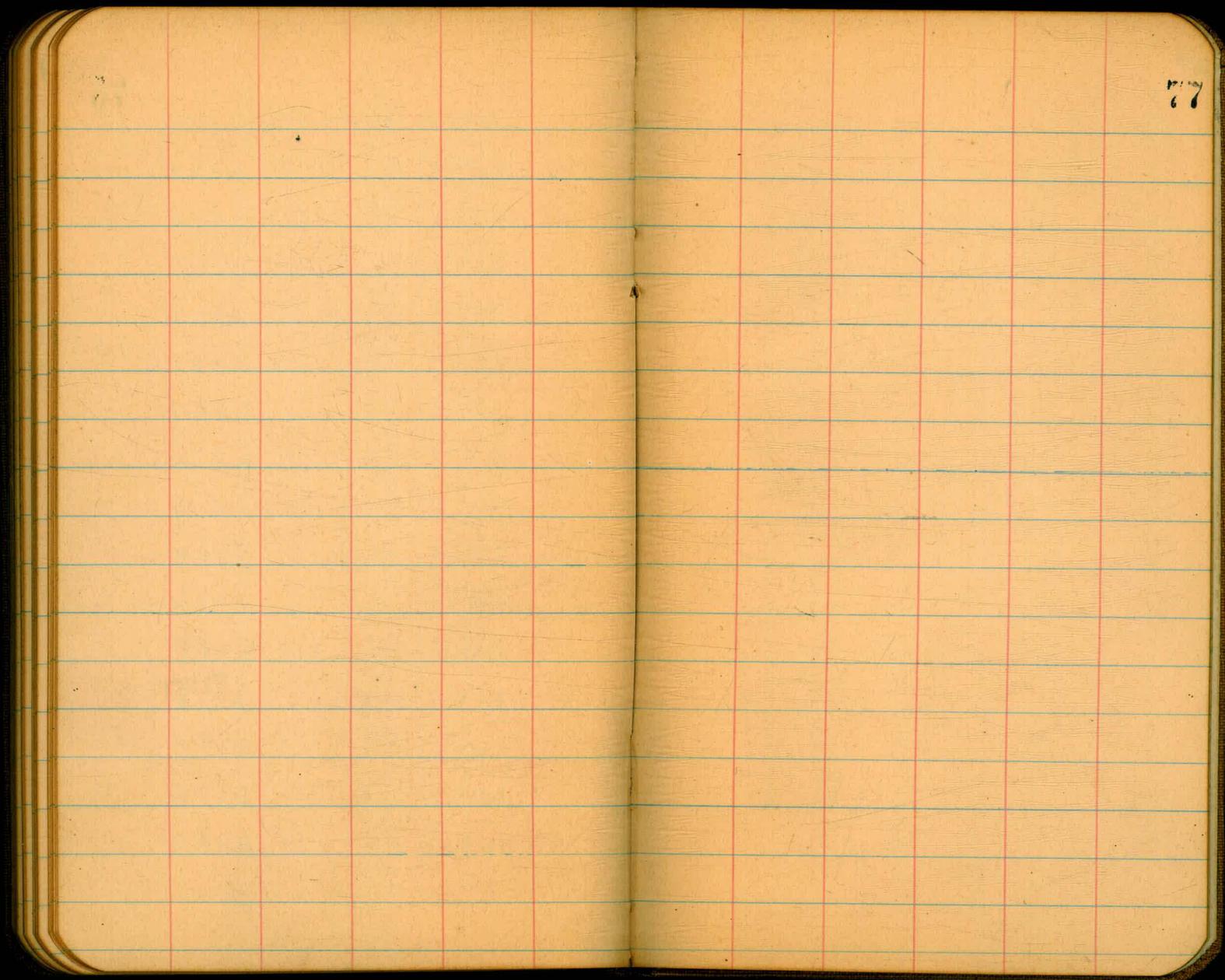
22	79	230.4
bl	78	230.5
y	76	230.7
b	76	230.7
y	76	230.7
bl	74	230.9
SR	73	231.0

600' E-W of Venice

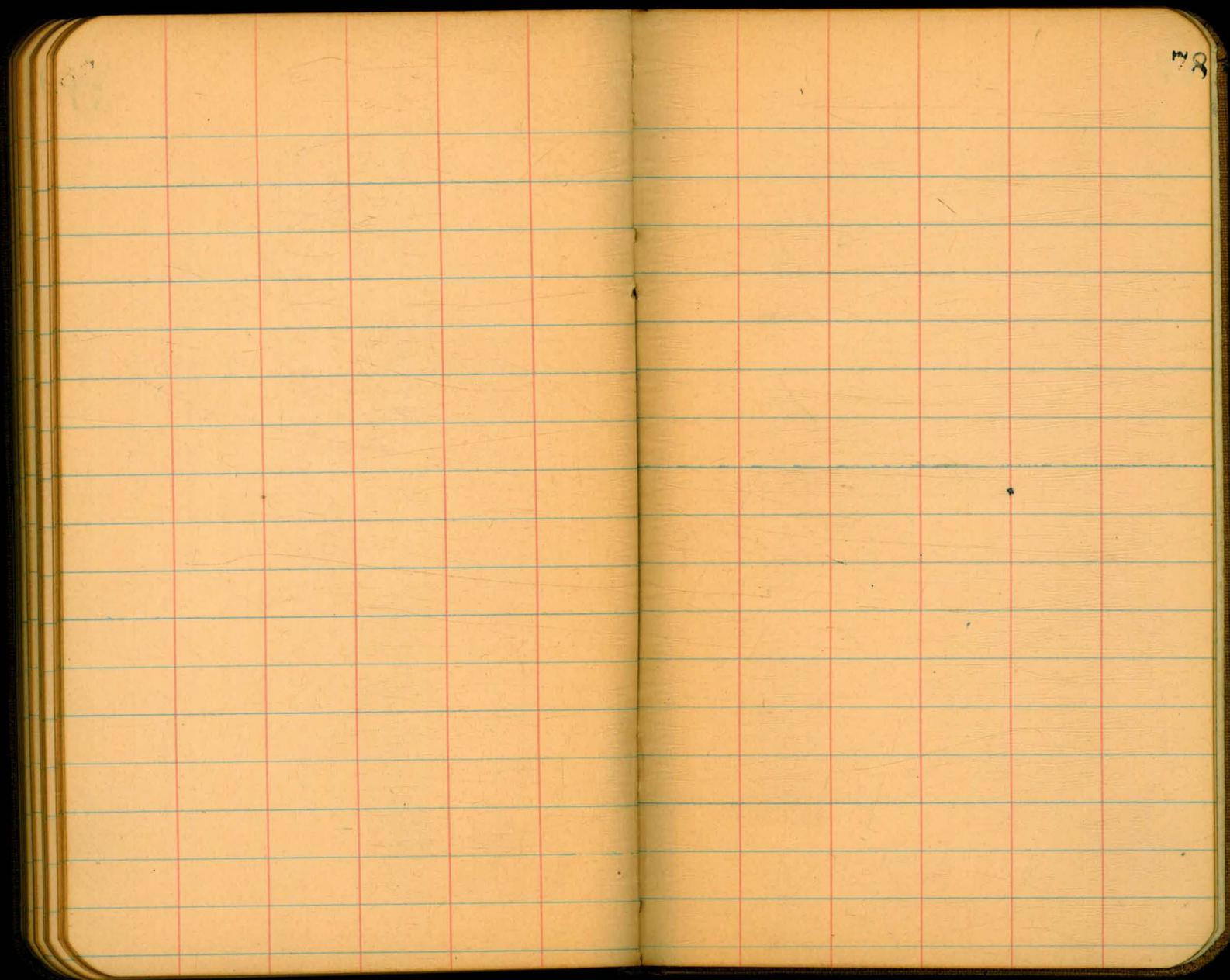
SR	94	228.9
bl	91	229.3
y	94	228.9
b	97	228.6
y	100	228.3
bl	101	228.2
22	103	228.0
TP	102.5	228.0

POSTED

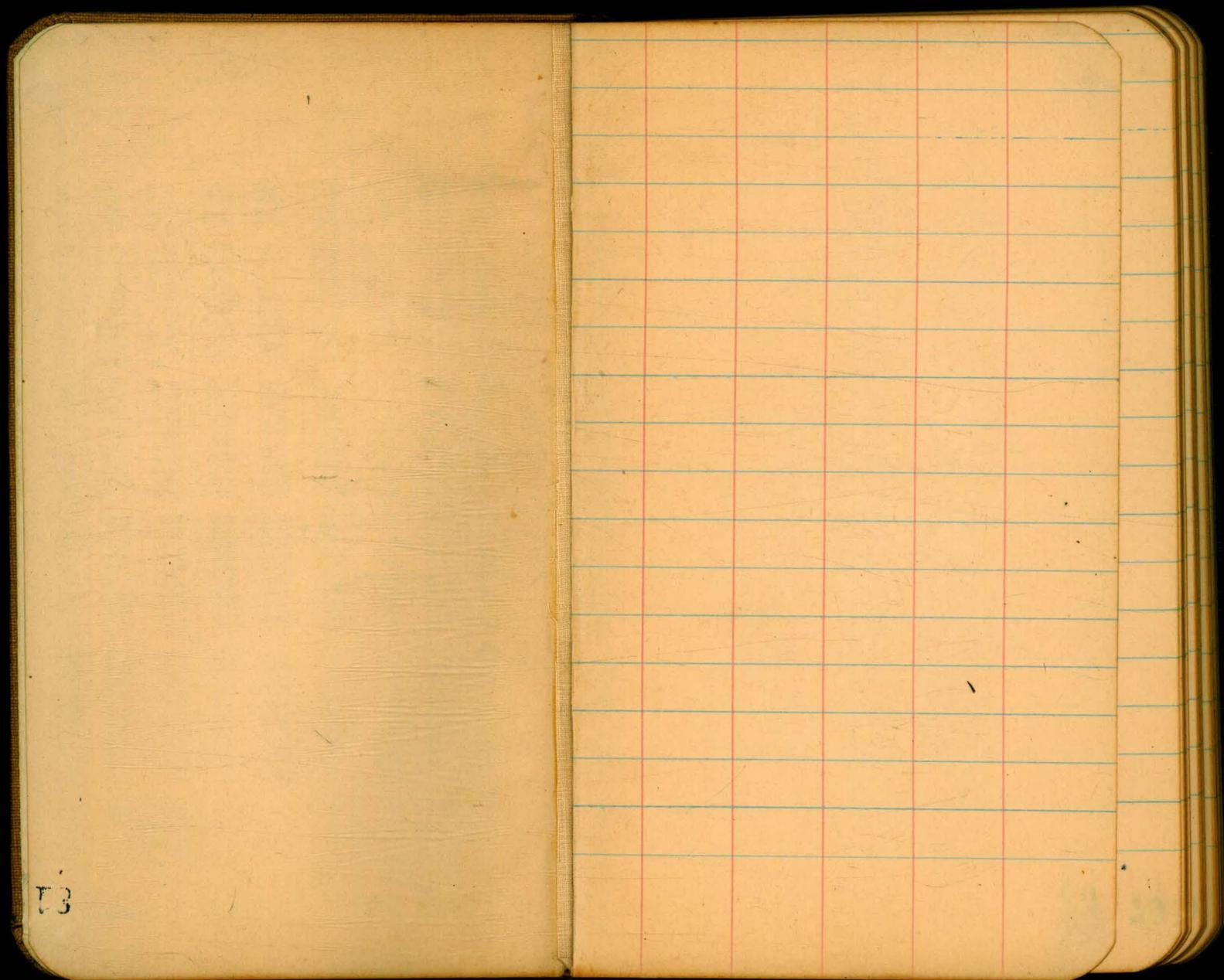
NWA
Venice



27



79



53

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	99.98	1.75	99.98	2.18	99.97	2.62	99.95	3.05	88
2	99.94	3.49	99.92	3.03	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	37.06	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.		

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