316

400

LEVEL

F.B.316

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	2⅓	21	49	41	95⅔
2	4⅔	22	51⅓	42	98
3	7	23	53⅔	43	100⅓
4	9⅓	24	56	44	102⅔
5	11⅔	25	58⅓	45	105
6	14	26	60⅔	46	107⅓
7	16⅓	27	63	47	109⅔
8	18⅔	28	65⅓	48	112
9	21	29	67⅔	49	114⅓
10	23⅓	30	70	50	116⅔
11	25⅔	31	72⅓	51	119
12	28	32	74⅔	52	121⅓
13	30⅓	33	77	53	123⅔
14	32⅔	34	79⅓	54	126
15	35	35	81⅔	55	128⅓
16	37⅓	36	84	56	130⅔
17	39⅔	37	86⅓	57	133
18	42	38	88⅔	58	135⅓
19	44⅓	39	91	59	137⅔
20	46⅔	40	93⅓	60	140

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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 – Froude – Venice 62

Clough Taylor Drange	Crossection of Cape May St (80') E of Guizot East to W.L. Venice St				
	offsets	25' N	from Ocean Beach		
BM	8.39	150.51		142.12	SE H Cape May Guizot
SL			8.4	142.1	
bl	POSTED		8.7	141.8	
y			8.8	141.7	
b			9.1	141.4	
y			10.6	139.9	
bl			12.3	138.2	
NL			13.7	136.8	
	25' E of Guizot St				
NL			9.3	141.2	
bl			8.2	142.3	
y			7.4	143.1	
b			6.6	143.9	
y			5.9	144.6	
bl			5.3	145.2	
SL			4.2	146.3	

		13051		
	50'	E of	Guizot	
SL			0.5	150.0
bl			0.8	149.7
y			1.7	148.8
b			2.3	148.2
y			3.3	147.2
bl			4.4	146.1
RL			5.4	145.1
TP	11.90	15824	4.17	146.34
	100'	E of	Guizot	
RL			7.2	151.0
bl			6.4	151.8
y			5.2	152.6
b			4.8	153.4
y			3.8	154.4
bl			3.0	155.2
SL			2.4	155.8
TP	12.33	16870	1.87	15637

		16870		Cape May
	150'	E of	Guizot st	
SL			7.6	161.1
bl			8.0	160.7
y			8.5	160.2
b			9.3	159.4
y			10.2	158.5
bl			11.8	156.9
RL			13.1	155.6
	200'	E of	Guizot	
RL			8.7	160.0
bl			7.6	161.1
y			6.6	162.1
b			5.8	162.9
y			4.5	164.2
bl			3.6	165.1
SL			3.0	165.7

16870

250' E of Guzzot

SL	0.7	168.0
bl	1.3	167.4
y	2.0	166.7
b	2.8	165.9
y	3.5	165.2
bl	4.6	164.1
RL	5.7	163.0

300' E of Guzzot

RL	5.4	163.3
bl	4.4	164.3
y	3.6	165.1
b	2.6	166.1
y	2.2	166.5
bl	1.7	167.3
SL	1.0	167.7

16870 Cape May

350' E of Guzzot

SL	3.0	165.7
bl	3.5	165.2
y	4.1	164.6
b	4.8	163.9
y	5.6	163.1
bl	6.5	162.2
RL	7.1	161.6
TP	366	165.92
	6.44	162.26

400' E of Guzzot

RL	6.1	159.8
bl	5.3	160.6
y	4.6	161.3
b	3.8	162.1
y	3.2	162.7
bl	2.8	163.1
SL	2.3	163.6

165.92

	450'	E of	Guizot	
SL			4,2	161.7
bh			4,6	161.3
y			5,0	160.9
b			5,5	160.4
y			6,1	159.8
bh			6,8	159.1
NL			7,3	158.6
	500'	E of	Guizot	
NL			8,4	157.5
bh			8,0	157.9
y			7,4	158.5
b			7,0	158.9
y			6,4	159.5
bh			6,0	159.9
SL			5,5	160.4

165.92 Cape May

4

	550'	E of	Guizot		
SL			6,1	159.8	
bh			6,7	159.2	
y			7,3	158.6	
b			7,7	158.2	
y			8,2	157.7	
bh			8,5	157.4	
NL			9,2	156.7	
	600'	E = W	S of Santa Barbara (60')		
NL			9,6	156.3	
bh			9,0	156.9	
y			8,6	157.3	
b			8,1	157.8	
y			7,7	158.2	
bh			7,0	158.9	
SL			6,6	159.3	
TP	4,66	164.03	6,55	159.73	SWH Santa Barb

16403

W bk of Santa Barbara

SL			4.6	159.4
bl			5.0	159.0
y			5.5	158.5
b			5.9	158.1
y			6.5	157.5
bl			6.9	157.1
NL			7.5	156.5

W 1/4 of Santa Barbara

NL			7.5	156.5
bl			7.1	156.9
y			6.7	157.3
b			6.1	157.9
y			5.7	158.3
bl			5.2	158.8
SL			4.7	159.3

16403 Cape May

Center of Santa Barbara

SL			4.7	159.3
bl			5.1	158.9
y			5.6	158.4
b			6.0	158.0
y			6.3	157.7
bl			6.8	157.2
NL			7.4	156.6

E 1/4 of Santa Barbara

NL			7.4	156.6
bl			7.0	157.0
y			6.6	157.4
b			6.1	157.9
y			5.8	158.2
bl			5.2	158.8
SL			4.7	159.3

164.03

E bk of Santa Barbara

SL	4.8	159.2
bk	5.1	158.9
4	5.6	158.4
b	6.0	158.0
4	6.4	157.6
bk	7.0	157.0
NL	7.4	156.6

E L of Santa Barbara

NL	7.3	156.7
bk	7.0	157.0
4	6.6	157.4
b	6.1	157.9
4	5.7	158.3
bk	5.2	158.8
SL	4.7	159.3

164.03 Cape May

50' E of Santa Barbara

SL	4.6	159.4
bk	5.0	159.0
4	5.2	158.8
b	5.7	158.3
4	6.2	157.8
bk	6.5	157.5
NL	7.1	156.9

POSTED

100' E of Santa Barbara

SL	4.3	159.7

68' E = W L of venice on north
118.7' E of ~~Santa~~ W L Venice on south

SL	4.1	159.9
bk	4.6	159.4
4	5.0	159.0
b	5.7	158.3
4	6.3	157.7
bk	6.5	157.5
NL = 68' East	6.9	157.1

Crossection of Saratoga St (80')
E Line of Guizot to W L Venice

Saratoga offsets 2.0 N from Ocean Beach

	12.25	151.05		138.80 (S W H Saratoga Guizot)
	E Line of Guizot			
SL			6.9	144.2
bl			7.1	144.0
y		POSTED	7.4	143.7
b			7.5	143.6
y			7.8	143.3
bl			8.1	143.0
NL			8.6	142.5
	50'	E of	Guizot	
NL			3.4	147.7
bl			3.2	147.9
y			3.0	148.1
b			2.9	148.2
y			2.7	148.4
bl			2.2	148.9
SL			2.0	149.1

TP	11.90	161.59	1.36	149.69
	100'	E of	Guizot	
SL			5.5	156.1
bl			6.0	155.6
y			6.4	155.2
b			6.2	155.4
y		POSTED	6.2	155.4
bl			6.5	155.1
NL			6.8	154.8
TP	12.21	172.42	1.38	160.21
~~H~~	150'	E of	Guizot	
NL			10.5	161.9
bl			10.1	162.3
y			10.0	162.4
b			9.6	162.8
y			9.5	162.9
bl			9.2	163.2
SL			8.6	163.8

17242

200' E of Guzzot

SL			3,3	169.1
bl			3,3	169.1
y			3,6	168.8
b			3,6	168.8
y			4,0	168.4
bl			3,2	169.2
NL			3,3	169.1
TP	12,22	18185	2.79	169.63

250' E of Guzzot

NL			9,6	172.3
bl			9,4	172.5
y			9,4	172.5
b			9,3	172.6
y			8,6	173.3
bl			8,4	173.5
SL			8,3	173.6

18185 Saratoga

300' E of Guzzot

SL			7.1	177.8
bl			4,3	177.6
y			4,6	177.3
b			5,4	176.5
y			5,9	176.0
bl			6,4	175.5
NL			7,0	174.9

350' E of Guzzot

NL			5,2	176.7
bl			4,4	177.5
y			3,6	178.3
b			3,1	178.8
y			2,4	179.5
bl			1,8	180.1
SL			1.1	180.8
TP	6,57	18779	0-57	181.28

1877.9

400' E of Guyot

SL	5.2	182.6
bl	6.0	181.8
y	6.8	181.0
b	7.7	180.1
y	8.4	179.4
bl	9.3	178.5
NL	10.1	177.7

450' E of Guyot

NL	10.0	177.8
bl	9.0	178.8
y	8.2	179.6
b	6.7	181.1
y	5.4	182.4
bl	4.7	183.1
SL	3.8	184.0

1877.9 Saratoga

500' E of Guyot

SL	3.1	184.7
bl	4.2	183.6
y	5.2	182.6
b	6.3	181.5
y	7.6	180.2
bl	8.8	179.0
NL	10.2	177.6

550' E of Guyot

NL	11.0	176.8
bl	9.7	178.1
y	8.2	179.6
b	6.7	181.1
y	5.5	182.3
bl	4.1	183.7
SL	3.0	184.8

18779 18779

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

SL	3.7	184.1	
bl	5.2	182.6	
7	6.2	181.5	
b	8.0	179.8	
7	9.0	178.8	
bl	10.3	177.5	
NL	11.66	176.13	NW of Santa Barbara + Saratoga

10.55 18644 176.13

W bl of Santa Barbara

NL	10.4	176.1
bl	9.2	177.3
7	8.0	178.5
b	6.9	179.6
4	5.7	180.8
bl	3.9	182.6
SL	2.8	183.7

18648 Saratoga

W 1/4 of Santa Barbara

SL	3.1	183.4
bl	4.2	182.3
4	5.5	181.0
b	7.0	179.5
7	8.2	178.3
bl	9.4	177.1
NL	10.2	176.3

Center of Santa Barbara

NL	10.1	175.9
bl	9.4	177.1
7	8.3	178.2
b	7.0	179.5
4	6.0	180.5
bl	4.3	182.2
SL	3.3	183.2

1864B

E ¼ of Santa Barbara

SL	3	3.5	183.0
bl		4.6	181.9
y		5.8	180.7
b		7.2	179.3
y		8.3	178.2
bl		9.4	177.1
nL		10.5	176.0

E bl of Santa Barbara

nL		10.5	176.0
bl		9.7	176.8
y		8.6	177.9
b		7.4	179.1
y		6.0	180.5
bl		4.8	181.7
SL		3.6	182.9

1864B Saratoga

E line of Santa Barbara

SL		2.8	182.7
bl		5.2	181.3
y		6.2	180.3
b		7.3	179.2
y		8.5	178.0
bl		9.6	176.9
nL		10.6	175.9

50' E of Santa Barbara

nL		10.8	175.7
bl		9.7	176.8
y		8.9	177.6
b		8.0	178.5
y		7.2	179.3
bl		5.7	180.8
SL		4.5	182.0

186.48

100' E of Santa Barbara

SR	4.7	181.8
bl	5.8	180.7
y	6.6	179.9
b	7.5	179.0
y	8.6	177.9
bl	9.7	176.8
RL	10.7	175.8

150' E of Santa Barbara

RL	11.0	175.5
bl	10.0	176.5
y	8.0	177.5
b	7.9	178.6
y	6.9	179.6
bl	5.7	180.8
SR	4.7	181.8

186.48 Saratoga

200' E of Santa Barbara

SR	5.0	181.5
bl	6.0	180.5
y	6.8	179.7
b	8.0	178.5
y	9.0	177.5
bl	10.0	176.5
RL	10.8	175.7

250' E of Santa Barbara

RL	10.3	176.2
bl	9.7	176.8
y	8.0	177.5
b	8.4	178.1
y	7.4	179.1
bl	6.4	180.1
SR	5.6	180.9

POSTED

18648

253.3' E on North side
291.7' E on South side } = W L of Venice st

SL		5,3	181.2
bl		6,2	180.3
"		7,2	179.3
b		7,8	178.7
"		9,0	177.5
bl		9,6	176.9
NL = 255' E		10,2	176.3

POSTED

Crossection of Santa Monica St (80')
E Lin of Guizot to W L Venice

E Lin of Guizot

Santa Monica	offsets	25' N from Ocean Beach		NE & Santa Monica & Guizot
	12,43	157.88	145.45	
NL		12,4	145.5	
bl		10,0	147.9	
"		7,1	150.8	
b		5,2	152.7	
"		4,5	153.4	
bl		5,0	152.9	
SL		6,2	151.7	
	25' E of Guizot			
SL		3,9	154.0	
bl		3,2	154,7	
"		4,6	153,3	
b		8,1	149,8	
"		10,0	147.9	
bl		10,4	147.5	
NL		10,6	147.3	

POSTED

		157.88		
	50'	E of	Guizot	
NL			6,2	151.7
bl			7,1	150.8
"			7,6	150.3
b			7,5	153.4
"			6,2	151.7
bl			3,3	154.6
SL			1,8	156.1
	75'	E of	Guizot	
SL			+1.0	158.8
bl			1.0	156.9
"			4,3	153.6
b			5,0	152.9
"			4,2	153.7
bl			3,0	154.9
NL			2,5	155.4
TP	12.80	169.32	1.36	156.52

		169.32		Santa Monica
	100'	E of	Guizot	
NL			11,0	158.3
bl			12.2	157.1
"			13,4	155.9
b			13,0	156.3
"			10,0	159.3
bl			6,6	162.7
SL			6,8	162.5
	125'	E of	Guizot	
SL			3,0	166.3
bl			1,6	167.7
"			2,6	166.7
b			5,4	163.9
"			9,6	159.7
bl			8,0	161.3
NL			6,4	162.9
TP	12,92	180.98	12,6	168.06

180.98

181.0

	150'	E of	Guizot.	
NL			12,1	168.9
bl			13,3	167.7
"			14,3	166.7
b			14,5	166.5
"			10,0	171.0
bl			8,4	172.6
SL			9,8	171.2
	175'	E of	Guizot	
SL			7,3	173.7
bl			6,7	174.3
"			7,6	173.4
b			9,6	171.4
"			8,0	173.0
bl			7,2	173.8
NL			6,7	174.3

180.98 Santa Monica

	200'	E of	Guizot	
NL			4,1	176.9
bl			4,9	176.1
"			5,4	175.6
b			5,8	175.2
"			6,8	174.2
bl			5,6	175.4
SL			5,3	175.7
	250'	E of	Guizot	
SL			3,8	177.2
bl			4,1	176.9
"			4,0	177.0
b			3,2	177.8
"			2,4	178.6
bl			1,6	179.4
NL			0,8	180.2
TP	11,40	192.36	0,02	

		192.36		
	300' E of Guizot			
NL			7.9	184.5
bl			8.3	184.1
y			9.2	183.2
b			10.6	181.8
y			11.4	181.0
bl			12.4	180.0
SL			12.8	179.6
	350' E of Guizot			
SL			8.5	183.9
bl			7.5	184.9
y			6.6	185.8
b			6.1	186.3
y			5.9	186.5
bl			5.6	186.8
NL			5.5	186.9

		192.36		Santa Monica
	400' E of Guizot			
NL			3.4	189.0
bl			3.5	188.9
y			3.6	188.8
b			3.6	188.8
y			3.7	188.7
bl			4.0	188.4
SL			4.7	187.7
	450' E of Guizot			
SL			2.2	190.2
bl			2.1	190.3
y			2.0	190.4
b			1.8	190.6
y			1.8	190.6
bl			1.6	190.8
NL			1.5	190.9
Tp	9.16	200.78	0.74	191.62

200.78

500' E of Guzzot

NL		7,9	192.9
bb		8,2	192.6
y		8,3	192.5
b		8,4	192.4
y		8,5	192.3
bb		8,6	192.2
SL		8,5	192.3

550' E of Guzzot

SL		6,7	194.1
bb		6,7	194.1
y		6,4	194.4
b		6,5	194.3
y		6,3	194.5
bb		6,2	194.6
NL		6,0	194.8

200.78 Santa Monica

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

NL		4,2	196.6
bb		4,2	196.6
y		4,2	196.6
b		4,5	196.3
y		4,5	196.3
bb		4,6	196.2
SL		4,7	196.1

Wbb of Santa Barbara

SL		4,1	196.7
bb		4,1	196.7
y		4,1	196.7
b		4,0	196.8
y		4,0	196.8
bb		3,8	197.0
NL		3,8	197.0

W ½ of Santa Barbara

hl	3,6	197.2
bl	3,6	197.2
"	3,6	197.2
b	3,7	197.1
"	3,7	197.1
bl	3,7	197.1
sl	3,8	197.0

Center of Santa Barbara

sl	3,4	197.4
bl	3,4	197.4
"	3,4	197.4
b	3,4	197.4
"	3,4	197.4
bl	3,3	197.5
hl	3,4	197.4

E ½ of Santa Barbara

hl	3,0	197.8
b	3,0	197.8
"	3,0	197.8
b	3,0	197.8
"	3,0	197.8
bl	3,1	197.7
sl	2,8	198.0

E bl of Santa Barbara

sl	2,7	198.1
bl	2,7	198.1
b	2,8	198.0
b	2,7	198.1
bl	2,7	198.1
bl	2,7	198.1
hl	2,7	198.1

20078

E Line of Santa Barbara

NL			2,5	198.3	
bl			2,4	198.4	
y			2,4	198.4	
b	POSTED		2,3	198.5	
y			2,4	198.4	
bl			2,3	198.5	
SL			2,3	198.5	
BM	10,85	20931	2,32	198.46	SE H Santa Barbara + Santa Monica

50' E of Santa Barbara

SL			9,0	200.3
bl			9,1	200.2
y			9,2	200.1
b			9,1	200.2
y			9,2	200.1
bl			9,3	200.0
NL			9,5	199.8

20931 Santa Monica

100' E of Santa Barbara

NL			8,1	201.2
bl			7,8	201.5
y			7,8	201.5
b			7,6	201.7
y			7,5	201.8
bl			7,4	201.9
SL			7,2	202.1

150' E of Santa Barbara

SL			5,2	204.1
bl			5,6	203.7
y			6,0	203.3
b			6,0	203.3
y			6,3	203.0
bl			6,6	202.7
NL			7,3	202.0

209.31

200' E of Santa Barbara

NL		7,1	202.2 ✓
bl		6,4	202.9
y		5,7	203.6
b		5,0	204.3
y		4,4	204.9
bl		4,0	205.3
SL		3,7	205.6 ✓

250' E of Santa Barbara

SL		2,3	207.0 ✓
bl		3,0	206.3
y		3,5	205.8
b		4,3	205.0
y		5,4	203.9
bl		6,4	202.9
NL		7,5	201.8 ✓

209.31 Santa Monica

300' E of Santa Barbara

NL		8,2	201.1 ✓
bl		7,0	202.3
y		6,0	203.3
b		5,0	204.3
y		4,2	205.1
bl		2,8	206.5
SL		1,6	207.7 ✓
TP.	3.46	1,03	208.28

on 300' Sh[illegible] S[illegible]

350' E of Santa Barbara

SL		4,0	205.3 ✓
bl		5,0	204.3
y		6,1	203.2
b		7,5	201.8
y		8,9	200.4
bl		10,0	199.3
NL		11,2	198.1 ✓

20931

400' E Santa Barbara

NL		11,7	197.6
bl		10,9	198.4
y		9,7	199.6
b		8,8	200.5
y	POSTED	7,5	201.8
bl		6,0	203.3
SL		4,4	204.9
	450 E		
SL		5,3	204.0
	428.4 E = Venice on N side		
	464.7 E = Venice St on S side		
SL		5,7	203.6
bl		6,6	202.7
y		7,8	201.5
b		9,0	200.3
y		10,0	199.3
bl		11,0	198.3
NL = 428.4 E		12,0	197.3

Crossection of Newport St (80')

E Line of Gurzot to W L Venice St

E Line of Gurzot

Newport	Offsets	1.5' N.	from Ocean Beach	NE # Newport Gurzot
	9.98	170.52		160.54
NL			10.0	160.5
bh	POSTED		10.4	160.1
y			10.4	160.1
b			10.4	160.1
y			9.0	161.5
bh			5.6	164.9
SL			1.8	168.7
	25'	E of Gurzot		
SL			3.6	166.9
bh			7.6	162.9
y			8.0	162.5
b			8.0	162.5
y			7.8	162.7
bh			7.7	162.8
NL			8.0	162.5

170.52 Newport

	50'	E of	Gurzot	
NL			6.1	164.4
bh			5.8	164.7
y			5.4	165.1
b			5.8	164.7
y			6.0	164.5
bh	POSTED		6.2	164.3
SL			5.6	164.9
	75'	E of	Gurzot	
SL			4.4	166.1
bh			4.0	166.5
y			3.8	166.7
b			3.7	166.8
y			3.9	166.6
bh			4.3	166.2
NL			4.5	166.0

		17052		
	100'	E of	Guizot	
NL			3,0	167.5
bl			2,7	167.8
y			2,3	168.2
b			2,3	168.2
y			1,5	169.0
bl			1,8	168.7
SL			2,2	168.3
TP	12,17	18119	1,50	169,02
	125'	E of	Guizot	
SL			10,2	171.0
bl			9,9	171.3
y			10,5	170.7
b			11,0	170.2
y			11,8	169.4
bl			11,5	169.7
NL			12,0	169.2

		18119		Newport
	150'	E of	Guizot	
NL			11,6	169.6
bl			10,8	170.4
y			9,8	171.4
b			9,5	171.7
y			9,0	172.2
bl			8,5	172.7
SL			8,1	173.1
	175'	E of	Guizot	
SL			6,0	175.2
bl			7,0	174.2
y			8,0	173.2
b			7,0	174.2
y			8,6	172.6
bl			10,0	171.2
NL			10,9	170.3

		18119		
	200'	E of	Guizot	
NL			7.7	173.5
bl			6.0	175.2
y			5.0	176.2
b			5.6	175.6
y			2.8	178.4
bl			6.0	175.2
SL			4.8	176.4
	225'	E of	Guizot	
SL			2.5	178.7
bl			2.0	179.2
y			2.0	179.2
b			2.4	178.8
y			3.3	177.9
bl			2.6	178.6
NL			2.7	178.5

		18119		Newport
	250'	E of	Guizot	
NL			1.2	180.0
bl			0.0	181.2
y			0.0	181.2
b			+0.5	181.7
y			1.0	180.2
bl			0.7	180.5
SL			1.0	180.2
TP	12.79	19390	0.08	181.11
	275	E of	Guizot	
SL			12.9	181.0
bl			12.1	181.8
y			11.3	182.6
b			11.3	182.6
y			11.3	182.6
bl			11.4	182.5
NL			11.9	182.0

19390

300' E of Guizot

N2	11.5	182.4
bl	11.1	182.8
y	10.7	183.2
b	10.7	183.2
y	10.7	183.2
bl	10.7	183.2
S2	11.4	182.5

350' E of Guizot

S2	9.3	184.6
bl	9.3	184.6
y	9.5	184.4
b	9.9	184.0
y	10.3	183.6
bl	10.7	183.2
N2	11.0	182.9

19390 Newport

400' E of Guizot

N2	10.5	183.4
bl	10.3	183.6
y	10.0	183.9
b	9.6	184.3
y	9.5	184.4
bl	9.2	184.7
S2	8.9	185.0

450' E of Guizot

S2	8.0	185.9
bl	8.0	185.9
y	8.0	185.9
b	8.0	185.9
y	8.2	185.7
bl	8.2	185.7
N2	8.0	185.9

		19390		
	500'	E of	Guizot	
NL			6,0	187.9
bl			6,0	187.9
y			5,5	188.4
b			5,5	188.4
y			5,5	188.4
bl			5,4	188.5
SL			5,3	188.6
	550'	E of	Guizot	
SL			3,3	190.6
bl			3,7	190.2
y			4,0	189.9
b			4,3	189.6
y			4,7	189.2
bl			5,1	188.8
NL			5,5	188.4

		19390		Newport	
	600'	E = W line of	Santa Barbara St (80')		
NL			2,2	191.7	
bl			1,9	192.0	
y			1,6	192.3	
b			1,6	192.3	
y			1,7	192.2	
bl			2,0	191.9	
SL			1,9	192.0	
TP	12,31	204,37	1,84	192.06	SW 14 Santa Barbara Newport
	W bb of Santa Barbara				
SL			11,7	192.7	
bl			11,5	192.9	
y			11,5	192.9	
b			11,3	193.1	
y			11,3	193.1	
bl			11,5	192.9	
NL			12,0	192.4	

20437

W 1/4 of Santa Barbara

n2	11.2	193.2
bl	11.0	193.4
7	10.6	193.8
b	10.6	193.4
7	10.8	193.6
bl	10.8	193.6
S2	11.0	193.4

Center of Sta Barb

S2	10.2	194.2
bl	10.1	194.3
7	9.9	194.5
b	9.9	194.5
7	10.0	194.4
bl	10.3	194.1
n2	10.6	193.8

20437 Newport

E 1/4 of Santa Barbara

n2	10.1	194.3
bl	9.9	194.5
7	9.4	195.0
b	9.3	195.1
7	9.3	195.2
bl	9.4	195.0
S2	9.4	195.0

E bl of Sant B

S2	8.5	195.9
bl	8.5	195.9
7	8.7	195.7
b	8.8	195.6
7	9.2	195.2
bl	9.5	194.9
n2	9.5	194.9

20437

E Line of Santa Barbara

nl			9.0	195.4
bl			8.8	195.6
"			8.6	195.8
l			8.3	196.1
"			8.1	196.3
bl			8.0	196.4
SL			8.0	196.4

50' E of Sta B—

SL			2.8	201.6
bl			2.8	201.6
"			2.9	201.5
l			2.6	201.8
"			2.4	202.0
bl			3.1	201.3
nl			3.7	200.7
TP	11.40	21.85	2.24	201.43

21.85 Newport

100' E of Sta Ba—

nl			8.7	204.1
bl			8.7	204.1
"			8.2	204.6
l			8.2	204.6
"			8.0	204.8
bl			7.8	205.0
SL			7.8	205.0

150' E of Sta B—

SL			5.3	207.5
bl			5.5	207.3
"			5.5	207.3
l			5.9	206.9
"			5.8	207.0
bl			6.0	206.8
nl			6.2	206.6

		212.83		
	200'	E of	Santa	Barbara
NL			3,5	209.3
bh			3,3	209.5
y			3,1	209.7
b			3,1	209.7
y			2,9	209.9
bl			2,7	210.1
SL			2,6	210.2
TP	12,66	223.49	2,00	210.83
	250'	E of	S – B –	
SL			10,2	213.3
bh			10,4	213.1
y			10,7	212.8
b			10,6	212.9
y			10,6	212.9
bl			10,9	212.6
NL			11,1	212.4

		223.49		New Fort
	300'	E of	S – B –	
NL			8,1	215.4
bh			8,1	215.4
y			7,9	215.6
b			7,9	215.6
y			7,8	215.7
bl			7,6	215.9
SL			7,3	216.2
	350'	E of	S – B –	
SL			4,5	219.0
bh			4,7	218.8
y			4,7	218.8
b			4,7	218.8
y			4,8	218.7
bl			5,1	218.4
NL			5,1	218.4

22349

	400'	E of	Santa	Barbara
nd			2.5	221.0
bl			2.2	221.3
y			2.2	221.3
b			2.0	221.5
y			1.8	221.7
bl			1.8	221.7
sd			1.5	222.0
TP	1231	23481	0.99	22250
	450'	E of	S—	B—
sd			9.7	225.1
bl			9.7	225.1
y			9.9	224.9
b			10.1	224.7
y			10.3	224.5
bl			10.4	224.4
nd			10.7	224.1

23481 Newport

	500'	E of	S—	B—
nd			7.8	227.0
bl			7.6	227.2
y			7.3	227.5
b			7.1	227.7
y	POSTED		7.0	227.8
bl			7.0	227.8
sd			6.8	228.0
	550'	E of	S—	B—
sd			4.3	230.5
bl			4.4	230.4
y			4.6	230.2
b			4.7	230.1
y			5.0	229.8
bl			5.2	229.6
nd			5.7	229.1

234.81

600' E = W L Venice St

N L		3,6	231.2	
bl		3,0	231.8	
"		2,8	232.0	
b		2,6	232.2	
"		2,6	232.2	
bl		2,6	232.2	
S L		2,5	232.3	
TP		2,61	232.20	SW H Venice Near pt

POSTED

Crossection of Niagara St (80')

E L of Guizot to W L of Venice St

E Line of Guizot

Niagara offsets 0.5' to north from Ocean Beach

	89'	200.12		191.21	SE H Niagara Guizot
S L			8,9	191.2	
bl			9,7	190.4	
"			10,4	189.7	
b			11,2	188.9	
"			12,0	188.1	
bl			12,7	187.4	
N L			13,4	186.7	

POSTED

50' E of Guizot

N L			11,9	188.2
bl			11,4	188.7
"			11,0	189.1
b			10,2	189.9
"			9,4	190.7
bl			8,6	191.5
S L			7,8	192.3

		200.12		
	100'	E of	Guizot	
SL			6,4	193.7
bl			6,9	193.2
y			7,6	192.5
b			8,4	191.7
y			9,0	191.1
bl			9,9	190.2
NL			10,6	189.5
	130'	E of	Guizot	
NL			9,1	191.0
bl			8,8	191.3
y			8,3	191.8
b			7,5	192.6
y			6,8	193.3
bl			6,0	194.1
SL			5,5	194.6

		200.12		Niagara
	200'	E of	Guizot	
SL			4,5	195.6
bl			5,0	195.1
y			5,6	194.5
b			6,2	193.9
y			6,8	193.3
bl			7,4	192.7
NL			8,0	192.1
	250'	E of	Guizot	
NL			6,5	193.6
bl			6,0	194.1
y			5,8	194.3
b			5,1	195.0
y			4,8	195.3
bl			4,0	196.1
SL			3,4	196.7

		200.12		
	300'	E of	Guizot	
SL			2.4	197.7
bl			2.9	197.2
y			3.4	196.7
b			3.7	196.4
y			4.5	195.6
bl			5.0	195.1
NL			5.7	194.4
	350'	E of	Guizot	
NL			5.6	194.5
bl			4.7	195.4
y			4.0	196.1
b			3.3	196.8
y			2.5	197.6
bl			2.0	198.1
SL			1.3	198.8
TP	4.70	204.17	0.65	199.47

		204.17		Magyar
	400'	E of	Guizot	
SL			4.5	199.7
bl			5.0	199.2
y			5.7	198.5
b			6.5	197.7
y			7.5	196.7
bl			8.8	195.4
NL			10.0	194.2
	450'	E of	Guizot	
NL			9.7	194.5
bl			9.0	195.2
y			8.3	195.9
b			7.3	196.9
y			6.1	198.1
bl			4.9	199.3
SL			3.8	200.4

POSTED

204.17

	500'	E of	Guizot	
SL			4,3	199.9
bl			5,2	199.0
y			6,3	197.9
b			7,3	196.9
y			8,0	196.2
bl			8,9	195.3
NL			9,4	194.8
	550'	E of	Guizot	
NL			8,8	195.4
bl			8,2	196.0
y			7,5	196.7
b			6,8	197.4
y			6,0	198.2
bl			5,5	198.7
SL			4,8	199.4

204.17

	600'	E =	W L of Santa Barbara		
SL			4,4	199.8	
bl			4,9	199.3	
y			5,2	199.0	
bl			5,9	198.3	
y			6,6	197.6	
bl			7,4	196.8	
NL			7,86	196.31	N W H Santa Barbara & Mayaro
	W bl of S — B —				
NL			7,8	196.4	
bl			7,4	196.8	
y			6,7	197.5	
b			6,2	198,0	
y			5,5	198.7	
bl			4,9	199.3	
SL			4,4	199.8	

20417

W ¼ of S-Barbara

SL	4.2	200.0
bl	4.6	199.6
7	5.0	199.2
b	5.7	198.5
7	6.4	197.8
bl	7.1	197.1
NL	7.6	196.6

center of S- B—

NL	7.4	196.8
bl	7.0	197.2
7	6.5	197.7
b	6.0	198.2
7	5.4	198.8
bl	4.7	199.5
SL	4.1	200.1

20417 Riayan

E ¼ of Santa Barbara

SL	4.0	200.2
bl	4.6	199.6
7	5.3	198.9
b	5.8	198.3
7	6.2	198.0
bl	6.8	197.4
NL	7.2	197.0

E bl of S- B—

NL	7.0	197.2
bl	6.5	197.7
7	6.0	198.2
bl	5.6	198.6
7	4.9	199.3
bl	4.4	199.8
SL	3.7	200.5

20+17

E Line of Santa Barbara

SL	3.7	200.5	
bl	4.2	200.0	
y	5.0	199.2	
l	5.5	198.7	
y	6.0	198.2	
bl	6.4	197.8	
NL	6.7	197.3	
50'	E of	S—	B—
NL	6.4	197.8	
bl	6.0	198.2	
y	5.6	198.6	
l	4.8	199.4	
y	4.4	199.8	
bl	4.0	200.2	
SL	3.2	201.0	

20+17 Mayura

100'	E of	S—	B—
SL	2.3	201.7	
bl	3.1	201.1	
		200.4	
y	3.8	POSTED	
l	4.3	199.9	
y	4.5	199.7	
bl	4.9	199.3	
NL	4.6	199.6	
150'	E of	S—	B—
NL	2.2	202.0	
bl	2.7	201.5	
y	2.9	201.3	
l	3.0	201.2	
y	2.8	201.4	
bl	2.6	201.6	
SL	2.2	202.0	
TP	1.70	214.2	1.45	202.2

214.42

	200'	E of	Santa	Barbara
SL			11,0	203.4
bl			11,4	203.0
y			10,8	203.6
b			10,7	203.7
y			10,5	203.9
bl			10,2	204.2
NL			9,8	204.6
	250'	E of	S—	B—
NL			5,6	208.8
bl			6,2	208.2
y			7,0	207.4
b			7,5	206.9
y			7,9	206.5
bl			8,0	206.4
SL			8,1	206.3

214.42 Niagara

	300'	E of	S—	B—
SL			4,6	209.8
bl			4,0	210.4
y			3,5	210.9
b			2,6	211.8
y			1,6	212.8
bl			0,6	213.8
TP	11.55	224.76	1,21	213.21
NL			9,9	214.9
	350'	E of	S—	B—
NL			6,2	218.6
bl			6,7	218.1
y			7,1	217.7
b			7,6	217.2
y			8,4	216.4
bl			9,0	215.8
SL			9,7	215.1

22476

	400'	E of	Santa	Barbara
SL			5,8	219.0
bh			5,5	219.3
y			5,0	219.8
b			4,8	220.0
y			4,5	220,3
bl			4,2	220.6
NL			4,0	220.8
	450'	E of	S-B-	
NL			2,5	222.3
bh			2,7	222.1
y			3,2	221.6
b			3,6	221.2
y			4,0	220.8
bl			4,6	220.2
SL			5,0	219.8

22476 Mayara

	500'	E of	S-B-	
SL			6,0	218.8
bh			5,3	219.5
y			5,0	219.8
b			4,5	220.3
y			3,8	221.0
bl			3,3	221.5
NL			2,6	222,2
	550'	E of	S-B-	
NL			3,6	221.2
bh			4,2	220,6
y			4,6	220,2
b			5,3	219.5
y			6,0	218.8
bl			6,7	218.1
SL			7,2	217.6

POSTED

22476

	600'	E =	W Lin of Venice st		
SL			7,6	217.2	
bl			7,2	217.6	
y			6,6	218.2	
b			6,0	218.8	
y			5,4	219.4	
bl			4,6	220.2	
NL			4.1	220.7	
BM			29,6	221.80	NW ✱ Venice

POSTED

Crossection of Narragansett st (80')

E Lin of Guizot to W L of Venice.

E Lin of Guizot

Narragansett	offsets	0.5' to North from Ocean Beach		NE ✱ Narragansett + Guizot
12,43	216.35		203.92	
NL		12,4	204.0	
bl		12,2	204.2	
y		12,0	204.4	
b		11,8	204.6	
y		11,8	204.6	
bl		11,3	205.1	
SL		11,2	205.2	
50'	E of	Guizot		
SL		9,1	207.3	
bl		9,3	207.1	
y		9,4	207,0	
b		9,8	206.6	
y		9,8	206.6	
bl		9,8	206.6	
NL		9,9	206.5	

POSTED

21635

100' E of Guzzot

hl	7.7	208.7
bl	7.7	208.7
4	7.6	208.8
b	7.6	208.8
4	7.3	209.1
bl	7.3	209.1
SL	7.2	209.2

150' E of Guzzot

SL	5.2	211.2
bl	5.4	211.0
4	5.5	210.9
b	5.6	210.8
4	5.7	210.7
bl	5.7	210.7
hl	5.8	210.6

21635 Nanaquasset

200' E of Guzzot

hl	4.4	212.0
bl	4.2	212.2
4	4.0	212.4
b	4.1	212.3
4	3.8	212.6
bl	3.7	212.7
SL	3.7	213.0

250' E of Guzzot

SL	1.9	214.5
bl	2.1	214.3
4	2.1	214.3
b	2.5	213.9
4	2.7	213.7
bl	2.9	213.5
hl	3.2	213.2

21635

	300'	E of	Guizot	
NL			2,3	214.1
bl			1,9	214.5
y			1,7	214.7
b			1,5	214.9
y			1,0	215.4
bl			0,9	215.5
SL			0,6	215.8
TP	7.36	22370	0.01	216.34
	350'	E of	Guizot	
SL			7,1	216.6
bl			7,4	216,3
y			7,7	216.0
b			8,1	215.6
y			8,3	215.4
bl			8,4	215.3
NL			9,0	214.7

22370 Narragansett

	400'	E of	Guizot	
NL			8,8	214.9
bl			8,4	215.3
y			7,8	215.9
b			7,6	216.1
y			7,0	216.7
bl			6,8	216.9
SL			6,5	216.2
	450'	E of	Guizot	
SL			5,9	217.8
bl			6,2	217.5
y			6,5	217.2
b			7,1	216.6
y			7,5	216.2
bl			8,0	215.7
NL			8,7	215.0

		22370		
	500'	E of	Guizot	
NL			8,4	215.3
bl			8,0	215.7
y			7,3	216.4
b			7,0	216.7
y			6,0	217.7
bl			5,8	217.9
SL			5,2	218.5
	550'	E of	Guizot	
SL			4,5	219.2
bl			5,0	218.7
y			5,4	218.3
b			5,8	217.9
y			6,5	217.2
bl			6,9	216.8
NL			7,8	215.9

		22370		Narragansett
	600'	E = W L of Santa Barbara (80')		
NL			7,0	216.7
bl			6,2	217.5
y			6,0	217.7
b			5,5	218.2
y			4,7	219.0
bl			4,0	219.7
SL			3,3	220.4
	W bl of	Santa Barbara		
SL			3,1	220.6
bl			3,6	220.1
y			4,0	219.7
b			4,6	219.1
y			5,2	218.5
bl			6,0	217.7
NL			6,7	217.0

POSTED

22370

W ¼ of Santa Barbara

hl	6.5	217.2
bl	6.0	217.7
4	5.5	218.2
b	5.0	218.7
4	4.1	219.6
bl	3.1	220.1
SL	3.0	220.7

Center of S B—

SL	2.7	221.0
bl	3.3	220.4
4	3.7	220.0
b	4.3	219.4
4	4.9	218.8
bl	5.5	218.2
hl	6.2	117.5

22370 Narragansett

E ¼ of S B—

hl	6.0	217.7
bl	5.5	218.2
4	4.9	218.8
b	4.4	219.3
4	3.5	220.2
bl	3.2	220.5
SL	2.5	221.2

E bl of S B—

SL	2.5	221.2
bl	2.8	220.9
4	3.2	220.5
b	3.7	220.0
4	4.3	219.4
bl	5.1	218.6
hl	5.7	218.0

22370

E Line of Santa Barbara

n2			5.7	218.0	
bh			5.0	218.7	
y			4.2	219.5	
b			3.7	220.0	
y			3.0	220.7	
bl			2.6	221.1	
S2			2.2	221.5	
TP	7.40	228.79	2.31	221.39	SE 4 Santa B Narragansett
	50'	E of	S-B-		
S2			6.2	222.6	
bh			6.6	222.2	
y			7.2	221.6	
b			8.2	220.6	
y			8.7	220.1	
bl			9.3	219.5	
n2			10.0	218.8	

22879 Narragansett

	100'	E of	S-B-	
n2			9.7	219.1
bh			8.7	220.1
y			8.2	220.6
b			7.7	221.1
y			6.5	222.3
bl			6.1	222.7
S2			5.6	223.2
	150'	E of	S-B-	
S2			5.1	223.7
bh			5.9	222.9
y			6.5	222.3
b			7.4	221.4
y			7.9	220.9
bl			8.4	220.4
n2			9.2	219.6

22879

	200' E of Santa Barbara		
RL		8.6	220.2
bl		8.0	220.8
y		7.2	221.6
b		6.6	222.2
y		5.8	223.0
bl		5.4	223.4
SL		4.7	224.1
	250' E of S-B		
SL		5.6	223.2
bl		5.0	223.8
y		5.6	223.2
b		6.3	222.5
y		6.8	222.0
bl		7.6	221.2
RL		8.2	220.6

22879 Narragansett

	300' E of S-B			
RL			8.5	220.3
bl			8.0	220.8
y			7.3	221.5
b			6.8	222.0
y			6.0	222.8
bl			5.6	223.2
SL			5.0	223.8
TP	1.15	225.44	4.50	220.29
	350' E of S-B			
SL			2.6	222.8
bl			3.0	222.4
y			3.5	221.9
b			3.8	221.6
y			4.2	221.2
bl			4.8	220.6
RL			5.3	220.1

225-44

	400'	E of	Santa Barbara	
h2			5,8	219.6
bh			5,5	219.9
4			5,1	220.3
b			4,8	220.6
4			4,4	221.0
bl			4,4	221.0
S2			4,1	221.3
	450'	E of	S-B-	
S2			5,9	219.5
bh			6,2	219.2
4			6,5	218.9
b			6,8	218.6
4			6,9	218.5
bh			7,2	218.2
h2			7,4	218.0

225-44 Nanaimo

	500'	E of	S-B-	
h2			10,5	214.9
bh			10,2	215.2
4			9,6	215.8
b			9,8	215.6
4			9,0	216.4
bl			8,8	216.6
S2			8,6	216.8
TP	1,78	213.50	11,72	213.32
	550'	E of	S-B-	
S2			2,5	213.0
bh			2,7	212.8
4			2,9	212.6
b			3,9	211.6
4			4,9	210.6
bh			5,6	209.9
h2			6,3	209.2

POSTED

215.50

	600'	E =	W L of	Venice St
N L			11,0	204.5
bl			10,8	204.7
y			10,3	205.2
b			10,3	205.2
y			9,3	206.2
bl			9,2	206.3
S L			8,4	207.1
			8,48	207.02 SW H Venice

Crossection of Del Monte St (80')
from 100' W of W L of Guizot to W L Santa Barbara

			W Line of	Guizot	
	452	222.00		217.48	N E H Del Monte & Guizot
S L			3,9	218.1	
bl			3,9	218.1	
y			4,2	217.8	
b			4,5	217.5	
y			4,8	217.2	
bl			5,2	216.8	
N L			5,7	216.3	
	50'	W of	Guizot		
N L			7,2	214.8	
bl			6,6	215.4	
y			6,3	215.7	
b			6,0	216.0	
y			5,7	216.3	
bl			5,7	216.3	
S L			5,9	216.1	

POSTED

22200

100' W of Guizot

SL		7,7	214.3	
bl		7,7	214.3	S
y		7,6	214.4	
b		7,8	214.2	
y		8,0	214.0	
bl		8,4	213.6	
NL		9,0	213.0	

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

E Line of Guizot here is 100' E of General
East Line Both intersections taken have been

E Line of Guizot Lt

	1043	23256		222.13	SE Lt of Guizot
SL			10,4	222.2	
bl			10,8	221.8	
y			11,2	221.4	
b			11,5	221.1	
y			11,9	220.7	
bl			12,5	220.1	
NL			13,0	219.6	

50' E of Guizot

NL			11,8	220.8
bl			11,4	221.2
y			11,0	221.6
b			10,6	222.0
y			10,0	222.6
bl			9,6	223.0
SL			9,2	223.4

23257

	100'	E of	Guizot	
SR			7.6	225.0
bl			7.9	224.7
y			8.3	224.3
b			8.6	224.0
y			9.2	223.4
bl			9.6	223.0
RR			10.2	222.4
	150'	E of	Guizot	
RR			8.4	224.2
bl			7.9	224.7
y			7.6	225.0
b			7.1	225.5
y			6.8	225.8
bl			6.2	226.4
SR			6.0	226.6

23257 Del Monte

	200'	E of	Guizot	
SR			4.0	228.6
bl			4.5	228.1
y			4.8	227.8
b			5.2	227.4
y			5.6	227.0
bl			6.0	226.6
RR			6.5	226.1
	250'	E of	Guizot	
RR			4.8	227.8
bl			4.2	228.4
y			3.6	229.0
b			3.2	229.4
y			2.8	229.8
bl			2.5	230.1
SR			2.0	230.6
TP	1251	24360	1.47	23109

POSTED

243.60

300' E of Guizot

S2	10.8	232.8
bb	11.4	232.2
4	11.8	231.8
b	12.3	231.3
4	13.0	230.6
bb	13.4	230.2
N2	14.0	229.6

350' E of Guizot

N2	12.0	231.6
bb	11.2	232.4
4	10.8	232.8
b	10.4	233.2
4	9.5	234.1
bb	8.9	234.7
S2	8.3	235.3

243.60 Del Monte

400' E of Guizot

S2	6.0	237.6
bb	6.6	237.0
4	7.5	236.1
b	8.2	235.4
4	9.0	234.6
bb	9.6	234.0
N2	10.1	233.5

450' E of Guizot

N2	8.4	235.2
bb	7.7	235.9
4	6.9	236.7
b	6.0	237.6
4	5.2	238.4
bb	4.3	239.3
S2	3.7	239.9

24360

500' E = W Line of Santa Barbara

SL	1,8	241.8
bk	2,6	241.0
"	3,5	240.1
b	4,2	239.4
"	4,9	238.7
bk	5,8	237.8
NL	6,8	236.8
BM	6,83	236.77 NW A. Santa Barb

This is the Summit on this St falls off East

POSTED

Crossection of Santa Cruz St (80')

E Line of Guizot to W L Santa Barbara 51

E L of Guizot St is 100' E of general line

1236	235.45	223.09

E Line of Guizot

NL	8,0	227.5
bk	7,7	227.8
"	7,5	228.0
b	7,3	228.2
"	7.1	228.4
bk	6,9	228.6
SL	7,0	228.5

POSTED

50' E of Guizot

SL	3,2	232.3
bk	3,2	232.3
"	3,4	232.1
b	3,4	232.1
"	3,5	232.0
bk	3,8	231.7
NL	4,2	231.3

TP	12.43	235.45 / 247.40	0.48	234.97
	100'	E of	Gunzot	
NL			12,5	234.9
bl			12,3	235.1
4			12,0	235.4
b			11,7	235.7
4			11,5	235.9
bl			11,2	236.2
SL			11,2	236.2
	150'	E of	Gunzot	
SL			7,4	240,0
bl			7,3	240,1
4			7,4	240,0
b			7,7	239.7
4			8,2	239.2
bl			8,5	238.9
NL			9,0	238.4

Santa Cruz

		247.40		
	200'	E of	Gunzot	
NL			5,2	242.2
bl			4,8	242.6
4			4,4	243.0
b			4,0	243.4
4			4,0	243.4
bl			3,6	243,8
SL			3,6	243.8
TP	11,85	257.63	1,62	245.78
	250'	E of	Gunzot	
SL			10,0	247.6
bl			10,1	247,5
4			10,2	247.4
b			10,3	247.3
4			10,7	246.9
bl			11,0	246.6
NL			11,3	246.3

25-763

	300' E of Guzzot			
hl			7.3	250.3
bl			7.0	250.6
4			6.7	250.9
b			6.5	251.1
4			6.2	251.4
bl			6.2	251.4
SL			6.2	251.4
	350' E of Guzzot			
SL			2.8	254.8
bl			2.8	254.8
4			2.8	254.8
b			3.0	254.6
4			2.8	254.8
bl			3.1	254.5
hl			3.7	253.9
T.P.	7.37	261.87	3.13	254.50

261.87 Santa Cruz

	400' E of Guzzot			
hl			4.9	257.0
bl			4.6	257.3
4			4.5	257.4
b			4.4	257.5
4			4.5	257.4
bl			4.5	257.4
SL			4.8	257.1
	450' E of Guzzot			
SL			3.8	258.1
bl			3.4	258.5
4			3.2	258.7
b			2.8	259.1
4			3.0	258.9
bl			3.1	258.8
hl			3.1	258.8

26.87

500' E = W Line of Santa Barbara

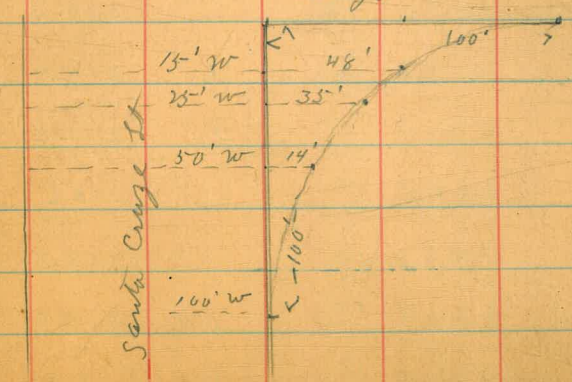
NL		3,5	258.4	
bh		3,5	258.4	
y		3,6	258.3	
b		3,6	258.3	
y		4,0	257.9	
bh		4,3	257.6	
SL		4,8	257.1	SNW H Santa Barbara Sant Cruz
BM		4,87	257.00	

Crossection of Santa Cruz St (80')
from W L of Guizot to E Line of Ocean Beach

W Line of Guizot St

	3,81	220.92		217.11	SW H Santa Cruz Guizot
NL			6,0	215.0	
bh			5,6	215.4	
y			5,1	215.9	
b			4,8	216.2	
y			4,5	216.5	
bh			4,4	216.6	
SL			3,8	217.2	
50' South			2,0	219.0	
100' South			0,3	220.7	

Guizot St



		220.92		
	15'	W of	Guizot	St
NL			7,5	213.5
bh			7,3	213.7
y			7,0	214.0
b			7,1	213.9
y			7,6	213.4
bh			8,4	212.6
SL			5,2	215.8
48' South =	about on the curve		3,7	217.3
	25'	W of	Guizot	
NL			8,9	212.1
bh			9,3	211.7
y			9,0	212.0
b			9,7	211.3
y			10,4	210.6
bh			10,2	210.8
SL			8,0	213.0
35' South =	curve		5,0	216.0

		220.92		Santa Cruze
	50'	W of	Guizot	
NL			13,2	207.8
bh			13,2	207.8
y			13,4	207.6
b			13,3	207.7
y			13,0	208.0
bh			13,0	208.0
SL			12,8	208.2
14' South =	curve		10,6	210.4
TP	0,55	208.97	12,50	208.42
	100'	W of	Guizot	
NL			7,7	201.3
bh			7,0	202.0
y			5,7	203.3
b			5,0	204.0
y			5,0	204.0
bh			4,7	204.3
SL			4,0	205.0

		208.97		
	150'	W of	Guizot	
SL			7.7	201.3
bl			8.7	200.3
4			9.5	199.5
b			11.0	198.0
hb			12.0	197.0
	200'	W of	Guizot	
SL			10.7	198.3
bl			12.2	196.8
4			13.3	195.7
	227'	W on South =	Ocean Beach	
SL			10.6	198.4
bl			12.0	197.0
4			13.7	195.3
TP	1.10	197.67	12.4	196.57

		197.67		Santa Cruz St
	150'	W of	Guizot	
hb			4.5	193.2
bl			3.5	194.2
	200'	W of	Guizot	
hb			8.6	189.1
bl			6.5	191.2
4			5.0	192.7
b			3.2	194.5
	224'	W, on North side =	Ocean Beach	
hb			10.7	187.0
bl			8.3	189.4
4			5.9	191.8
b			4.0	193.7
4			2.4	195.3

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

Crossection of Santa Cruz St (80')
W.L. of Santa Barbara to W.L. Venice
W.L. Santa Barbara

	2,11	259,11		257.00	SW H Santa Barb Santa Cruz
SL			2,1	257.0	
bb			1,4	257.7	
"			1,1	258.0	
b			0,8	258.3	
"			0,8	258.3	
bl			0,7	258.4	
NL			0,7	258.4	

W bb of Santa Barbara

NL			1,2	257.9	
bb			1,0	258.1	
"			1,1	258.0	
b			1,2	257.9	
"			1,6	257.5	
bl			1,9	257.2	
SL			2,4	256.7	

25 9 11 Santa Cruz

W 1/4 of S- B-

SL			2,8	256.3	
bb			2,5	256.6	
"			1,5	257.6	
b			1,7	257.4	
"			1,6	257.5	
bl			1,5	257.6	
NL			1,5	257.6	

Center of S- B-

NL			2,0	257.1	
bb			2,0	257.1	
"			2,2	256.9	
b			2,3	256.8	
"			2,5	256.6	
bl			2,8	256.3	
SL			3,4	255.7	

25.9.11

E ¼ of Santa Barbara

SL	3.6	255.5
bl	3.2	255.9
4	3.0	256.1
6	2.7	256.4
4	2.6	256.5
bl	2.6	256.5
NL	2.7	256.4

Ebl of Santa Barbara

NL	3.2	255.9
bl	3.2	255.9
4	3.2	255.9
6	3.2	255.9
4	3.4	255.7
bl	3.8	255.3
SL	4.2	254.9

25.9.11 Santa Cruz

E line of S-B-

SL	4.8	254.3
bl	4.5	254.6
4	4.0	255.1
6	4.0	255.1
4	3.8	255.3
bl	3.8	255.3
NL	3.8	255.3

30' E of S- B-

NL	7.2	251.9
bl	7.1	252.0
4	7.2	251.9
6	7.3	251.8
4	7.4	251.7
bl	7.7	251.4
SL	8.0	251.1

		25911		
	100'	E of	Santa	Barbara
SL			11,3	247.8
bl			11,3	247.8
y			11,1	248.0
b			11,1	248.0
y			11,0	248.1
bl			11,0	248.1
NL			11,0	2481
TP	0,63	24910	10,64	24847
	150'	E of	S-B-	
NL			5,9	243.2
bl			5,9	243.2
y			4,8	244.3
b			4,7	244.4
y			4,7	244.4
bl			4,8	244.3
SL			4,8	244.3

		24910		Santa Cruz
	200'	E of	S-B-	
SL			8,7	240.4
bl			8,8	240.3
y			8,8	240.3
b			9,0	240.1
y			9,1	24.00
bl			9,1	2400
NL			9,3	239.8
	250'	E of	S-B-	
NL			13,2	235.9
bl			13,0	2361
y			12,8	236.3
b			12,8	236.3
y			12,6	236.5
bl			12,6	236.5
SL			12,5	236.6
TP	0,37	237.35	12,12	24698

237.35

300' E of Santa Barbara

SL	4.5	232.9
bl	4.4	233.0
7	4.7	232.7
6	4.8	232.6
7	5.0	232.4
bl	5.0	232.4
RL	5.3	232.1

POSTED

350' E of S-B

NL	8.8	228.6
bl	8.6	228.8
7	8.5	228.9
6	8.3	229.1
7	8.1	229.3
bl	7.8	229.6
SL	7.8	229.6

237.35 Santa Cruz

400' E of S-B

SL	10.4	227.0
bl	10.7	226.7
7	11.0	226.4
6	11.2	226.2
7	11.6	225.8
bl	11.7	225.7
NL	11.9	225.5
TP	1.70	227.72
		11.33
		226.02

450' E of S-B

NL	4.7	223.0
bl	4.3	223.4
7	4.1	223.6
6	3.9	223.8
7	3.5	224.2
bl	3.2	224.5
SL	2.9	224.8

POSTED

22772

500' E of Santa Barbara

SL	4.4	223.3
bl	4.9	222.8
y	5.6	222.1
b	5.7	222.0
y	5.9	221.8
bl	6.2	221.5
NL	6.7	221.0

550' E of S-B

NL	8.5	219.2
bl	8.1	219.6
y	7.7	220.0
b	7.3	220.4
y	7.0	220.7
bl	6.6	221.1
SL	6.3	221.4

22772 Santa Cruz

600' E=W of Venice St

SL	7.8	219.9
bl	8.1	219.6
y	8.4	219.3
b	8.8	218.9
y	9.3	218.4
bl	9.6	218.1
NL	10.2	217.5
TP	10.28	217.44

N W St Venice

Crossection of Pacific Ave (80')

	E L of	bit to	W L	Venice	
	E L of	Fronde bit st			
13+20	320	186.61		183.41	SW H bit Pacific
SL			2,1	184.5	
bl			6,0	180.6	
"			13,4	173.2	
b			16,0	170.6	
"			15,0	171.6	
bl			13,8	172.8	
NL			12,7	173.9	
13+45	25'	E of	bit st		
NL			12,2	174.4	
bl			13,5	173.1	
"			14,2	172.4	
b			13,0	173.6	
"			9,0	177.6	
bl			4,3	182.3	
SL			1,3	185.3	

		186.61		Pacific
13+70	50'	E of	Fronde bit st	
SL			0,7	185.9
bl			4,0	182.6
"			5,6	181.0
b			7,4	179.2
"			10,0	176.6
bl			12,6	174.0
NL			11,0	175.6
13+95	75'	E of	bit st	
NL			9,0	177.6
bl			10,6	176.0
"			11,2	175.4
b			10,2	176.4
bl			8,8	177.8
bl			5,1	181.5
SL			3,6	183.0

POSTED

		186.61		
14+20	100'	E of	bit at	
SL			4.8	181.8
bl			5.3	181.3
y			7.3	179.3
b			9.5	177.1
y			9.0	177.6
bl			8.0	178.6
NL			6.2	180.4
14+45	125'	E of	bit at	
NL			3.4	183.2
bl			4.7	181.9
y			5.4	181.2
b			6.0	180.6
y			5.2	181.4
bl			5.6	181.0
SL			5.1	181.5
TP	10.91	193.48	4.04	182.57

		193.48		Rail
14+70	150'	E of	bit at	
SL			10.8	182.7
bl			10.4	183.1
y			10.2	183.3
b			10.6	182.9
y			9.7	183.8
bl			9.0	184.5
NL			7.7	185.8
14+95	175'	E of	bit at	
NL			7.5	194.0
bl			3.7	190.3
y			5.7	187.8
b			6.6	186.9
y			7.0	186.5
bl			7.6	185.9
SL			8.3	185.2

19348

15+20	200'	E of	bit at	
SR			6.3	187.2
bl			5.5	188.0
4			3.0	188.5
6			4.0	189.5
T.P	10.64	20247	1.65	191.83
4			9.7	192.8
bl			7.2	195.3
NR			5.7	196.8
15+45	225'	E of	bit at	
NR			3.0	199.5
bl			5.0	197.5
4			5.5	197.0
6			6.2	196.3
4			7.6	194.9
bl			9.8	192.7
SR			13.2	189.3

20247 Pacific

15+60	240'	E of	bit	
SR			11.2	191.3
bl			9.2	193.3
15+70	250'	E of	bitg	
SR			11.0	191.5
bl			6.5	196.0
			4.4	198.1
6			4.0	198.4
7			2.0	200.5
bl			1.2	201.3
15+72	252'	E of	bit	
SR			16.5	186.0
bl			9.2	193.3
15+78	258'	E of	bit	
SR			16.0	186.5
bl			8.0	194.5
4			4.0	198.5

POSTED

		262.47		
15+85	265'	E of	Cut	
SL			16.8	185.7
bl			14.0	188.5
y			3.0	197.5
b			1.7	200.8
y			0.5	202.3
15+95	275'	E of	Cut	
SL			11.5	191.0
bl			7.0	195.5
y			2.3	200.2
16+20	300'	E of	Cut	
SL			6.6	195.9
bl			0.0	202.5
16+45	325'	E of	Cut	
SL			8.5	194.0
TP	9.90	211.87	0.50	201.37

		211.87		Pacific
15+70	250'	E of	Cut	
nL			8.3	203.6
15+85	265'	E of	Cut	
nL			6.7	205.2
bl			8.4	203.5
15+95	275'	E of	Cut	
nL			6.0	205.9
bl			6.5	205.4
y			7.0	204.9
b			7.7	204.2
16+20	300'	E of	Cut	
nL			2.8	209.1
bl			4.4	207.5
y			4.6	207.3
b			3.5	208.4
y			4.5	207.4

		211.87		
16+45	325'	E of	6th	
NL			2,6	209.3
bl			2,8	209.1
y			5,0	206.9
b			8,0	203.9
y			12,0	199.9
bl			13,4	198.5
16+70	350'	E of	6th St	
SL			9,8	202.1
bl			8,0	203.9
y			7,4	204.5
b			4,0	207.9
y			2,1	209.8
b			0,0	211.9
NL			1,1	210.8
TP	11,02	221,98	0,91	210,96

		221.98		Pacific
16+84	362' E on South 365' E on North	= Pueblo Line	= E Line of Ocean Beach	
NL			8,4	213.6
bl			9,4	212.6
y			10,7	211.3
b			13,4	208.6
y			13,9	208.1
bl			12,9	209.1
SL			14,6	207.4
	Pacific ave offsets to the South 2.0' at the Pueblo Line			
16+95	375'	E of	6th St	
SL			9,8	212.2
bl			10,8	211.2
y			12,0	210.0
b			11,7	210.3
y			10,0	212.0
bl			8,3	213.7
NL			6,4	215.6

		221.98		
17+20	400'	E of	6th st	
NL			1,2	220.8
bl			5,3	216.7
y			7,4	214.6
b			9,5	212.5
y			10,0	212.0
bl			9,5	212.5
SL			7,7	214,3
17+45	425'	E of	6th	
SL			5,8	216.2
bl			7,0	215.0
y			6,3	215.7
b			6,2	215.8
y			4,2	217.8
bl			1,0	221.0
TP	11.62	230.18	3,42	218.56
NL			8,5	221.7

		230.18		Pacific
17+70	450'	E of	6th st	
NL			7,6	222.6
bl			7,0	223.2
y			8,0	222.2
b			11,6	218.6
y			13,3	216.9
bl			14,2	216.0
SL			15,1	215.1
17+95	475'	E of	6th	
SL			13,1	217.1
bl			13,0	217.2
y			10,7	219.5
b			8,5	221.7
+5'			5,4	224.8
y			5,4	224.8
bl			6,0	224.2
NL			6,8	223.4

23018

18+20	500'	℄ of	bk of	
RL			5.5	224.7
bl			4.8	225.4
y			4.3	225.9
b			4.3	226.2
y			9.0	221.2
bl			10.2	220.0
SL			11.4	218.8
18+45	525'	℄ of	bk of	
SL			9.3	220.9
bl			7.0	223.2
y			4.8	225.4
+2'			2.1	228.1
b			2.3	227.9
y			3.1	227.1
bl			3.6	226.6
RL			4.4	225.8

23018 Pacific

18+70	550'	℄ of	bk of	
RL			3.3	226.9
bl			2.4	227.8
y			1.8	228.4
b			1.0	229.2
y			0.0	230.2
bl			0.2	230.0
+3			4.0	226.2
SL			6.1	224.1
TP	12.21	236.91	5.48	224.70
18+95	575'	℄ of	bk of	
SL			9.0	227.9
bl			5.8	231.1
y			6.4	230.5
b			7.0	229.9
y			7.7	229.2
bl			8.2	228.7
RL			9.0	227.9

		236.91		
19+20	600'	E =	W Line of Guzzot (80')	
NL			8,0	228.9
bl			7,1	229.8
y			6,5	230.4
b			6,0	230.9
y			5,2	231.7
bl			4,6	232.3
SL			4,01	232.90
TP	10.45	246.82	0.[illegible]	236.37
	E Line of Guzzot			
SL			11,2	235.6
bl			11,5	235.3
y			12,1	234.7
b			12,8	234.0
y			13,3	233.5
bl			13,9	232.9
NL			14.6	232.2

		246.82		Pacific
	50'	E of	Guzzot	
NL			11,5	235.3
bl			11,0	235.8
y			10,4	236.4
b			9,7	237.1
y			9,0	237.8
bl			8,7	238.2
SL			8,2	238.7
	100'	E of	Guzzot	
SL			5,1	241.7
bl			5,5	241.3
y			6,0	240.8
b			6,4	240.4
y			7,1	239.7
bl			7,7	239.1
NL			8,3	238.5

24.82

150' E of Guzzot

RL			5.1	241.7
bl			4.3	242.5
y			3.7	243.1
b			2.9	243.9
y			2.4	244.4
bl			1.9	244.9
SL			1.6	245.2
TP	12.02	25.760	1.24	245.58

200' E of Guzzot st.

SL			9.0	248.6
bl			9.4	248.2
y			10.0	247.6
b			10.5	247.1
y			11.0	246.6
bl			11.6	246.0
RL			12.5	245.1

25.760 Pacific

250' E of Guzzot

RL			9.4	248.2
bl			8.7	248.9
y			8.0	249.6
b			7.3	250.3
y			6.6	251.0
bl			6.4	251.2
SL			5.9	251.7

300' E of Guzzot

SL			3.5	254.1
bl			4.0	253.6
y			4.4	253.2
b			4.9	252.7
y			5.8	251.8
bl			6.5	251.1
RL			7.1	250.5

POSTED

25760

350' E of Guizot

NL			5.7	251.9
bh			5.0	252.6
y			4.3	253.3
b			3.8	253.8
y			3.2	254.4
bl			2.8	254.8
SL			2.4	255.2

400' E of Guizot

SL			3.2	254.4
bh			3.6	254.0
y			4.1	253.5
b			4.5	253.1
y			5.0	252.6
bl			5.0	252.6
NL			6.0	251.6

25760 Pacific

450' E of Guizot

NL			7.7	249.9
bh			7.4	250.2
y			7.2	250.4
b			6.7	250.9
y			6.3	251.3
bl			5.8	251.8
SL			5.5	252.1
TP	0.54	253.23	4.91	252.69

500' E of Guizot

SL			4.0	249.2
bh			4.4	248.8
y			4.5	248.7
b			4.7	248.5
y			5.1	248.1
bl			5.4	247.8
NL			5.7	247.5

		25323			
	550'	E of	Guizot		
NL			8,0	245.2	
bl			7,9	245.3	
"			8,0	245.2	
b			7,8	245.4	
"			7,6	245.6	
bl			7,5	245.7	
SL			7,4	245.8	
	600'	E = WL of Sayeta Barbara (60)			
SL			10,4	242.8	
bl			10,6	242.6	
"			10,4	242.8	
b			10,6	242.6	
"			10,4	242.8	
bl			10,3	242.9	
NL			10,41	242,82	NW H S-B-

		25323		Pacific	
	W bl of S-B-				
NL			10,7	242.5	
bl			10,8	242.4	
"			10,9	242.3	
b			11,0	242.2	
"			11,1	242,1	
bl			11,0	242.2	
SL			10,9	242.3	
	W 1/4 of S-B-				
SL			11,6	241.6	
bl			11,5	241.7	
"			11,6	241.6	
b			11,4	241.8	
"			11,3	241.9	
bl			11,3	241.9	
NL			11,2	242.0	

25323

Center of Santa Barbara

N2			11.7	241.5
bl			11.9	241.3
y			11.9	241.3
b			12.0	241.2
y			12.2	241.0
bl			12.1	241.1
S2			12.0	241.2

E ¼ of S-B-

S2			12.7	240.5
bl			12.7	240.5
y			12.7	240.5
b			12.7	240.5
y			12.6	240.6
bl			12.5	240.7
N2			12.1	241.1
TP	0.79	243.61	10.71	242.82

24361 Pacific

E bl of S-B-

N2			3.0	240.6
bl			3.2	240.4
y			3.2	240.4
b			3.4	240.2
y			3.5	240.1
u			3.6	240.0
S2			3.5	240.1

E line of Santa Barbara

S2			4.1	239.5
bl			4.1	239.5
g			4.0	239.6
b			4.0	239.6
y			3.7	239.9
bl			3.5	240.1
N2			3.4	240.2

24361

50' E of Santa Barbara

R2	5.0	238.6
bb	5.3	238.3
y	5.5	238.1
b	5.7	237.9
y	5.9	237.7
bl	6.0	237.6
S2	6.2	237.4

100' E of Santa Barbara

S2	7.5	236.1
bb	7.3	236.3
y	7.2	236.4
b	6.8	236.8
y	6.6	237.0
bl	6.5	237.1
R2	6.2	237.4

24361 Pacific

150' E of S-B

R2	6.8	236.8
bb	7.2	236.4
y	7.5	236.1
b	7.8	235.8
y	8.0	235.6
bl	8.2	235.4
S2	8.4	235.2

200' E of S-B

S2	9.2	234.4
bb	9.2	234.4
y	9.0	234.6
b	8.8	234.8
y	8.5	235.1
bl	8.3	235.3
R2	8.0	235.6

2436'

	250' E of	Santa	Barbara	
n2			9.0	234.6
bb			9.2	234.4
4			9.4	234.2
6			9.6	234.0
7			9.8	233.8
bl			10.0	233.6
S2			10.0	233.6
TP	4.12	238.33	9.40	234.21
	300' E of	S-	B-	
S2			5.2	233.1
bb			5.3	233.0
7			5.0	233.3
6			5.0	233.3
4			5.0	233.3
bl			4.8	233.5
n2			4.6	233.7

238.33 Pacific

	350' E of	S-	B-	
n2			4.7	233.6
bb			4.8	233.5
4			4.8	233.5
6			5.0	233.3
4			5.1	233.2
bl			5.1	233.2
S2			5.3	233.0
	400' E of	S-	B-	
S2			5.0	233.3
bb			4.8	233.5
4			4.8	233.5
6			4.7	233.6
4			4.6	233.7
bb			4.6	233.7
n2			4.5	233.8

POSTED

23833

450' E of Santa Barbara

R2	5.0	233.3
bl	4.8	233.5
y	4.7	233.6
b	4.7	233.6
y	4.7	233.6
bl	4.8	233.5
S2	4.9	233.4

500' E of S-B

S2	5.6	232.7
bl	5.6	232.7
y	5.6	232.7
b	5.7	232.6
y	5.8	232.5
bl	6.0	232.3
R2	6.0	232.3

23833 Pacific

550' E of S-B

R2	7.9	230.4
bl	7.8	230.5
y	7.6	230.7
b	7.6	230.7
y	7.6	230.7
bl	7.4	230.9
S2	7.3	231.0

600' E of W-A of Venice

S2	9.4	228.9
bl	9.0	229.3
y	9.4	228.9
b	9.7	228.6
y	10.0	228.3
bl	10.1	228.2
R2	10.3	228.0
TP	10.25	228.08 ✓ WWA Venice

POSTED

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	37.06	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.		¾ DEGREE.		½ DEGREE.		¼ DEGREE.		

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