309

400

LEVEL

F.B.309-

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

309

MINUTES	LKS.	MINUTES	LKS.		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

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
DEC 1964

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

Dangl
Taylor
Dangl

Crossection of Newport st
Ocean Beach

1

Ocean to		7th st			
	1.56	14.60		13.04	Bm 2 + newport.
	W line of		Bacon ~~2nd~~	st	
Nl			3.4	11.2	
bl			3.0	11.6	
			2.4	12.2	
b			3.5	11.1	
"			3.5	11.1	
bl			3.3	11.3	
Sl			3.3	11.3	
	50'	W of	2nd	st	
Sl			4.0	10.6	
bl			4.6	10.0	
"			4.9	9.7	
b			4.7	9.9	
"			3.6		
bl			3.3		
Nl			3.8	10.8	

POSTED

		14.60		
	100'	w of	Bacon ~~2 vol~~	st
NL			4,7	9.9
bl			4,6	
"			4,4	
b			5,0	9.6
"			4,8	
bl			4,7	
SL			4,6	10.0
	150'			
SL			5,4	9.2
bl			5,1	
"			5,2	
b			5,5	9.1
"			5,4	
bl			5,3	
NL			5,3	9.3

	14.60			
	200'	w of	2 vol	st
NL			6,2	8.4
bl			6,2	
"			6,0	
b			6,4	8.2
"			6,0	
bl		POSTED	5,8	
SL			5,7	8.9
	250'	w of	2 vol	st
SL			6,2	8.4
bl			6,3	
"			6,6	
b			7,0	7.6
"			7,1	
bl			6,8	
NL			6,9	7.7

		14.60		
	300'	w of	Bacon ~~2~~	st
NL			7.4	7.2
bb			7.3	
"			7.1	
b			7.4	7.2
"			7.0	
bb			6.6	
SL			6.9	7.7
TP	8.60	16.86	6.34	8.26
	350'	w		
SL			8.6	8.3
bb			8.9	
"			9.1	
b			9.3	7.6
"			9.5	
bb			9.7	
NL			9.3	7.6

		16.86		
	400'	w of	[illegible]	st
NL			9.0	7.9
bb			8.8	
"			8.5	
b			8.7	8.2
"			8.0	
bb			7.8	
SL			7.4	9.5
	450	w of	[illegible]	st
SL			5.8	11.1
bb			5.9	
"			6.4	
b			7.3	9.6
"			7.8	
bb			7.9	
NL			7.8	9.1

		1686			
	500'	W of	Bacon ~~2 m~~		
NL			6.8	10.1	
bb			5.5		
"			5.8	-	
b			7.2	9.7	
"			6.4		
bb			3.8		
SL			3.2	13.7	
	525				
SL			1.00	15.9	
bb			5.5		
"			3.6		
b			8.5	8.4	
"			6.8		
bb			3.4		
NL			3.8	13.1	

		1686	Newport		
	530	W of	2 m =	Ocean Bank	
NL			10.0	= Beach	6.9
SL			13.0	= "	3.9
BM	656	1960	13.04		N W Green 2nd Newport
	E Lin	of	Bacon ~~2 m~~	(60)	
NL			7.7	11.9	
bb			7.6		
"			7.4		
b			7.7	11.9	
"			7.2		
bb			6.9		
SL			7.0	12.6	

		1960			
	50'	E of	Bacon ~~2nd~~	st	
SL			6.2	13.4 ✓	
bb			6.4		
y			6.3		
b			6.4	13.2	
y			7.0		
bb			6.8		
NL			6.7	12.9 ✓	
	100'	E of	2nd	st	
NL			6.4	13.2	
bb			6.1		
y			6.2		
b			6.1	13.5	
y			6.1		
bb			5.7		
SL			5.7	13.9	

	1960		Newport		
	150'	E of	2nd	st	
SL			5.5	14.1	
bb			5.7		
y			5.6		
b			5.9	13.7	
y			5.7		
bb			5.7		
NL			5.9	13.7	
	200'	E of	2nd	st	
NL			5.7	13.9	
bb			5.9		
y			5.6		
b			5.6	14.0	
y			5.4		
bb			5.2		
SL			5.2	14.4	

		19.60		
	250'	E of	Bacon ~~2nd~~	st
SL			4,8	14.8
bl			4,8	
y			5,0	
b			5,2	14.4
y			5,0	
bl			5,3	
NL			5,6	14.0
	300'	E of	2nd	st
NL			5,1	14.5
bl			5,0	
y			4,6	
b			4,8	14.8
y			4,5	
bl			4,6	
SL			4,5	15.1

		19.60		Newport
	350'	E of	2nd	st
SL			4,1	15.5
bl			4,3	
y			4,5	
b			4,8	14.8
y			4,7	
bl			4,7	
NL			4,9	14.7
	400'	E of	2nd	st
NL			4,4	15.2
bl			4,4	
y			4,3	
b			4,3	15.3
y			3,8	
bl			4,1	
SL			4,0	15.6

		1960		
	450'	E of	Bacon ~~2nd~~	st
S2			3.4	16.2
bb			3,5	
y			3.9	
b			4,0	15.6
y			3,5	
bb			3,8	
N2			4.0	15.6
	500'	E of	2nd	st
N2			3,5	16.1
bb			3,4	
y			3,2	
b			3,5	16,1
y			3,2	
bb			3,0	
S2			3,0	16.6
TP	6.47	23,12	2,95	16.65

		23.12		Newport
	550'	E of	2nd	st
S2			6.1	17.0
bb			6.1	
y			6,2	
b			6,6	16.5
y			6,4	
bb			6,2	
N2			6,2	16.9
	600' E = W Line 3d		st	(60')
N2			6,4	16.7
bb			6,0	
y			6,0	
b			6,2	16.9
y			5,7	
bb			5,8	
S2			5,8	17.3

		2312						2312		newport
	E Line of		Cable ~~3d~~	st			100'	E of	3d	st
SL			5.3	17.8		SL			4.3	18.8
bl			5.2			bl			4.4	
y			5.5			y			4.3	
b			5.8	17.3		b			4.5	18.6
y			5.4			y			4.6	
bb			5.6			bb			4.7	
NL			5.55	17.5-9V 17.57	n E 1 3 newport	NL			4.5	18.6
	50'	E of	3d	st			150'	E of	3d	st
NL			5.0	18.1		NL			4.0	19.1
bl			5.0			bl			4.0	
y			5.1			y			3.8	
b			5.2	17.9		b			4.0	19.1
y			4.9			y			4.0	
bl			4.9			bb			4.0	
SL			4.8	18.3		SL			3.9	19.2

		2312		
	200'	E of	cable ~~3d~~ st	
SL			3,3	19.8
bh			3,3	
y			3,3	
b			3,5	19.6
y			3,2	
bb			3,0	
NL			3,3	19.8
TP	8,20	2805	3,27	19.85
		E of 3d st		
NL	250'		7,8	20.3
bh			7,7	
y			7,7	
b			7,7	20.4
y			7,6	
bb			7,7	
SL			7,8	20.3

		2805		Newport
	300'	E of	3d st	
SL			6,8	21.3
bh			7,0	
y			7,0	
b			7,0	21.1
y			6,8	
bb			7,1	
NL			7,1	21.0
	350'	E of	3d st	
NL			6,3	21.8
bh			6,1	
y			6,2	
b			6,5	21.6
y			6,2	
bb			6,2	
SL			6,0	22.1

2805

Cable

	400'	E of	~~3d~~	st
S2			5.5	22.6
bl			5.5	
y			5.7	
b			5.7	22.4
y			5.6	
bl			5.7	
N2			5.9	22.2
	450'	E of	3d	st
N2			5.1	23.0
bl			5.1	
y			5.1	
b			5.3	22.8
y			4.7	
bl			4.8	
S2			4.8	23.3

2805

Newport

	500'	E of	3d	st
S2			4.3	23.8
bl			4.3	
y			4.2	
b			4.5	23.6
y			4.7	
bl			4.4	
N2			4.6	23.5
	550'	E of	3d	st
N2			3.9	24.2
bl			4.1	
y			3.7	
b			3.8	24.3
y			3.7	
bl			3.7	
S2			3.6	24.5

POSTED

		2805			
	600' E = W		S of	DE FOE ~~4th~~	st (60')
S2			3.0	25.1	
bl			2.9		
y			3.0		
b			3.1	25.0	
y			3.1		
bl			3.1		
N2			3.20	24.9	
TP	8.60	33.57	3.20	24.91	Bm
(N) S2	E sin	of	4th st		
			7.8	25.7	
bl			7.7	25.8	
y			7.7	25.8	
b			7.7	25.8	
y			7.5	26.0	
bl			7.4	26.1	
S2			7.4	26.1	

		3351		Newport
	50'	E of	4th	
S2			6.6	26.9
bl			6.7	26.8
y			6.7	26.8
b			7.0	26.5
y			6.8	26.7
bl			6.8	26.7
N2			6.8	26.7
	100'	E of	4th	st
N2			5.9	27.6
bl			5.8	27.7
y			5.8	27.7
b			6.1	27.4
y			5.8	27.7
bl			5.9	27.6
S2			5.9	27.6

		33.5-1		
	150'	E of	DEFOE ~~4 ft~~	st
SL			4.9	28.6
bh			4.9	28.6
y			4.9	28.6
b			5.0	28.5
y			4.8	28.7
bh			4.8	28.7
NL			4.8	28.7
	200'	E of	4 ft	st
NL			3.6	29.9
bh			3.6	29.9
y			3.7	29.8
b			3.7	29.8
y			3.7	29.8
bh			3.8	29.7
SL			3.7	29.8

		33.5-1		Newport
	250'	E of	4 ft	st
SL			2.6	30.9
bh			2.4	31.1
y			2.3	31.2
b			2.4	31.1
y			2.2	31.3
bh			2.2	31.3
NL			2.5	31.0
TP	11.26	42.34	2.43	31.08
	300'	E of	4 ft	st
NL			9.8	32.5
bh			9.8	32.5
y			9.8	32.5
b			10.0	32.3
y			10.0	32.3
bh			10.4	31.9
SL			10.5	31.8

4234

	350'	E of	4 ft	st
Ss			9.5	32.8
bb			9.2	33.1
y			8.9	33.4
b			8.9	33.4
y			8.5	33.8
bb			8.4	33.9
Ns			8.5	33.8
	400'	E of	4 ft	st
Ns			6.9	35.4
bb			7.1	35.2
y			7.5	34.8
b			7.8	34.5
y			7.8	34.5
bb			7.8	34.5
Ss			7.9	34.4

4234 newport

	450'	E of	4 ft	st
Ss			6.3	36.0
bb			5.9	36.4
y			5.6	36.7
b			5.5	36.8
y			5.4	36.9
bb			5.4	36.9
Ns			5.3	37.0
	500'	E of	4 ft	st
Ns			2.8	39.5
bb			3.0	39.3
y			3.2	39.1
b			3.5	38.8
y			3.6	38.7
bb			3.8	38.5
Ss			4.0	38.3

		4234			
	550'	E of	~~4th~~ De Foe	st	
SL			1,7	40.6	
bb			1,2	41.1	
y			1,0	41.3	
b			0.6	41.7	
TP	11.93	5321	1.06	41.28	
y			11,5	41.7	
bb			11,2	42.0	
NL			11.1	42.1	
	600'	E =	W L of	~~5th~~ Ebers st	
NL			8,63	44.58	NW ☐ 5 newport
bb			9.1	44.1	
y			9,2	44.0	
b			9,3	43.9	
y			9,6	43.6	
bb			9,6	43.6	
SL			9.6	43.6	

		5321		newport
	E Line	of	~~5th~~ Ebers	st (60')
SL			5,9	47.3
bb			5,9	
y			5,9	
b			5,9	47.3
y			5,9	
bb			5,9	
NL			5.6	47.6
	50'	E of	5th	st
NL			2,3	50.9
bb			2,5	
y			2,6	
b			2,6	50.6
y			2,8	
bb			2,5	
SL			2,7	50.5
TP	11.75	6245	2,57	50.70

		62.45		
	100'	E of	Ebers ~~5 ft~~	st
Sd			7.3	55.2
bb			7.4	
y			8.0	
b			7.9	54.6
y			7.9	
bb			8.1	
Nd			8.3	54.2
	150'	E of	5 ft	st
Nd			4.9	57.6
bb			4.4	
y			4.0	
b			3.8	58.7
bb			3.4	
bb			3.2	
Sd			3.4	59.1
TP	11.28	72.93	0.80	61.65

		72.93		new part
	200'	E of	5 ft	st
Sd			9.2	63.7
bb			9.5	
y			10.0	
b			10.9	62.0
y			10.9	
bb			11.1	
Nd			11.5	61.4
	250'	E of	5 ft	st
Nd			8.0	64.9
bb			7.3	
y			6.8	
b			6.6	66.3
y			5.8	
bb			5.5	
Sd			4.9	68.0
TP	11.38	83.06	1.25	71.68

		8306		
	300'	E of	Ebers ~~5th~~	st
SL			10.5	72.6 ✓
bl			11.0	
y			11.5	
b			12.5	70.6
y			13.0	
bl			13.6	
NL			14.0	69.1 ✓
	350'	E of	5th	st
NL			9.2	73.9 ✓
bl			9.3	
y			9.1	
b			8.8	74.3
y			8.5	
bl			7.7	
SL			6.1	77.0 ✓

		8306		Newport
	400'	E of	5th	st
SL			1.2	81.9 ✓
bl			3.0	
y			3.9	
bl			4.0	79.1
TP	12.87	92.03	3.90	79.16
y			13.3	
bl			13.3	
NL			13.4	78.6 ✓
	450'	E of	5th	st
NL			7.5	84.5 ✓
bl			7.6	
y			7.8	
b			7.7	84.3
y			6.9	
bl			4.5	
SL			2.8	89.2 ✓
TP	12.37	103.82	0.58	91.45

		103.82					115.48		newport	
	500'	E of	Ebers ~~5th~~ st			600' E = w line		Froude ~~6th~~ st		
SL			8.3	95.5	SL			10.0	105.5	
bb			8.7		bb			10.2		
"			9.2		"			10.4		
b			10.1	93.7	b			10.6	104.9	
"			10.5		"			10.7		
bb			10.7		bb			11.0		
NL			11.1	92.7	NL			10.90	104.6	nwtt 6+ newport
	550'	E of	5th st			E line of		6th	st	
NL			4.1	99.7	NL			7.6	107.9	
bb			3.7		bb			6.6		
"			3.5		"			6.3		
b			3.4	100.4	b			6.0	109.5	
"			3.8		"			5.6		
bb			4.2		bb			5.0		
SL			3.6	100.2	SL			3.0	112.5	
TP	12.66	115.48	1.00	102.82	TP	12.21	124.68	3.01	112.47	

		124.68		
	25'	E of	Froude ~~6th~~	st
SL			9,7	115.0
bh			11,3	
"			12,1	
b			12,3	112.4
"			12,2	
bh			12,3	
NL			13,3	111.4
	50'	E of	6th	st
NL			10,7	114.0
bh			10,2	
"			10,0	
b			10,2	114.5
"			10,2	
bh			9,7	
SL			7,2	117.5

		124.68		Newport
	75'	E of	6th	st
SL			3,6	121.1
bh			4,8	
"			5,8	
b			6,4	118.3
"			7,0	
bh			8,0	
NL			8,7	116.0
	100'	E of	6th	st
NL			4,3	120.4
bh			3,8	
"			3,5	
b			3,1	121.6
"			2,2	
bh			1,8	
SL			0,6	124.1
TP	12,59	136,60	0,67	124,01

13660

	125'	E of	Froude ~~bit~~	at
SL			10.0	126.6
bb			10.9	
b			11.5	
b			12.2	124.4
bb			12.5	
bb			13.0	
NL			14.2	122.6
	150'	E of	bit	at
NL			11.5	125.1
bb			10.0	
y			10.2	
b			9.5	127.1
y			8.7	
bb			7.8	
SL			6.8	129.8

13660 newport

	175'	E of	bit	at
SL			4.3	132.3
bb			5.8	
y			6.8	
b			8.0	128.6
y			8.1	
bb			9.0	
NL			9.1	127.5
	200'	E of	bit	at
NL			7.2	129.0
bb			7.9	
y			7.0	
b			6.0	130.6
y			3.6	
bb			1.7	
SL			0.1	136.5
TP	12.45	14841	0.64	133.96

		148.41		
	225'	E of	Froude ~~6th~~	st
Sh			8,6	139.8
			9,7	
			11,9	
b			14,2	134.2
"			15,8	
bb			15,8	
Nh			15,1	133.3
	250'	E of	6th	st
Nh			9,5	138.9
bb			10,4	
"			10,2	
b			8,5	139.9
"			7,6	
bb			7,0	
Sh			6,5	141.9

		148.41		Newport
	275'	E of	6th	st
Sh			4,0	144.4
bb			4,7	
"			5,2	
b			5,9	142.5
"			6,4	
bb			6,5	
Nh			6,8	141.6
	300'	E of	6th	st
Nh			5,1	143.3
bb			4,8	
"			4,4	
b			4,1	144.3
"			3,6	
bb			3,3	
Sh			2,6	145.8
TP	12,50	158,28	2,63	145.78

POSTED

15-8-28

	325'	E of	bch	at
SL			10.2	148.1
bch			11.0	
"			11.7	
b			12.0	146.3
"			12.4	
bch			12.6	
NL			13.5	144.8
	350'	E of	bch	at
NL			10.3	148.0
bch			9.9	
"			9.5	
b			9.4	148.9
"			8.8	
bch			8.3	
SL			7.9	150.4

15-8-28 Newport

	375'	E of	bch	at
SL			5.0	153.3
bch			5.2	
"			6.6	
b			7.3	151.0
"			8.0	
bch			8.8	
NL			9.0	149.3
	400'	E of	bch	at
NL			8.7	149.9
bch			7.4	
"			6.3	
b			5.2	153.1
"			3.8	
bch			3.0	
SL			2.6	155.7

		158.28		
	425'	E of	6th st	
SL	~~425~~		1,00	157.3
bb			2,8	
"			3,9	
b			4,9	153.4
"			6,4	
bb			7,7	" 06
NL			9,9	148.4
	450'	E of	6th st	
NL			7,0	151.3
bb			5,3	
"			3,0	
b			1,6	156.7
TP	9.13	166.39	1,02	157.26
"			8,0	
bb			7,5	
SL			6,8	159.6

		166.39		newport
	475'	E of	6th st	
SL			3,0	163.4
bb			4,7	
"			5,8	
b			7,5	158.9
"			9,1	
bb			11,1	
NL			12,8	153.6
	500'	E of	6th st	
NL			9,6	156.8
bb			7,7	
"			6,8	
b			5,2	160.8
"			3,0	

		166.39		
	525	E of	6th	st
NL			9.4	157.0
bb			6.3	
"			5.2	
b			3.0	163.4
	550'	E of	6th	st
NL			9.1	157.3
bb			4.9	
	575	E of	6th	st
NL			9.9	156.5
bb			5.0	
	600'	E = W L of	Guizot ~~[illegible]~~	st
NL			10.0	156.4
TD	12.06	174.82	3.63	162.76
	500'	E of	6th	st
SL			7.8	167.0
bb			10.3	

		174.82		Newport
	525'	E of	6th	st
SL			4.9	169.9
bb			5.4	
"			7.0	
	550'	E of	6th	st
SL			1.0	173.8
bb			3.6	
"			5.0	
b			8.4	166.4
"			11.4	
	575'	E of	6th	st
SL			0.4	174.4
bb			2.8	
"			4.2	
b			7.4	167.4
"			11.0	

174.82

600.E = W ℄ of 7th St

SL			14.0	173.42	SWH 7 new part
bl			5.0		
4			8.3		
6			11.1	16 3.7	
4			14.3		
bl	12		16.4		

POSTED

Clough
Taylor
Sharp
Oct 24

Crossection of Santa Monica
Ocean to 7th st

	584	15.61		9.77	SE & 2nd Sta Mon
	W S of	2nd st			(60')
SL			6.0	9.6	✓
bl			5.8	9.8	
"			5.6	10.0	
b			5.9	9.7	
"			6.0	9.6	
bb			6.2	9.4	
NL			6.4	9.2	✓
	50	W of	2nd st		
NL			6.5	9.1	
bb			6.7	8.9	
"			6.1	9.5	
b			6.2	9.4	
"			6.2	9.4	
bb			6.0	9.6	
SL			6.0	9.6	

POSTED

15.61 Sta Monica

	85'	W of	2nd st	
SL			6.4	9.2
bl			6.4	9.2
"			6.6	9.0
b			6.5	9.1
"			6.5	9.1
bl			6.7	8.9
NL			6.4	9.2
	100'	W of	2nd st	
NL			1.0	14.6
bb			2.6	13.0
"			4.0	11.6
b			6.0	9.6
"			6.2	9.4
bl			6.7	8.9
SL			6.4	9.2

POSTED

1561

	140'	W of	2nd		
S2			6.0	9.6	
	150'	W of	2nd		
S2			3.0	12.6	
	Sand Bank	about	20'	High	
	5.84	1561		9.77	Bm
	E Line of		2nd	st	
S2			5.7	9.9	
bl			5.6	10.0	
y			5.7	9.9	
b			5.9	9.7	
y			6.1	9.5	
bl			6.1	9.5	
h2			6.3	9.3	

1561 Sta Monica

	50'	E of	2nd	st
h2			6.2	9.4
bl			6.1	9.5
y			5.9	9.7
b			5.9	9.7
y			5.8	9.8
bl			5.8	9.8
S2			5.5	10.1
	100'	E of	2nd	st
S2			4.9	10.7
bl			5.0	10.6
y			5.4	10.2
b			5.3	10.3
y			5.5	10.1
bl			5.6	10.0
h2			5.7	9.9

1561

	150'	E of	2nd	st
h2			5.2	10.4
bl			5.0	10.6
y			4.8	7.8
b			4.8	10.8
y			4.7	10.9
bl			4.6	11.0
S2			4.8	10.8
	200'	E of	2nd	st
S2			4.4	11.2
bl			4.5	11.1
y			4.5	11.1
b			4.5	11.1
y			4.6	11.0
bl			4.7	10.9
h2			4.5	11.1

1561 Sta Monica

27

	250'	E of	2nd	st
h2			4.2	11.2
bl			3.9	11.7
y			3.5	12.1
b			3.8	11.8
y			3.7	11.9
bl			3.6	12.0
S2			3.2	12.4
	300'	E of	2nd	st
S2			2.8	12.8
bl			2.7	12.9
y			2.9	12.7
b			3.2	12.4
y			3.1	12.5
bl			3.4	12.2
h2			3.5	12.1

1561

	350'	E of	2nd	st
nL			2,6	13.0
bb			2,5	13.1
y			2,3	13.3
b			2,0	13.3
y			2,2	13.4
bb			1,8	13.8
SL			2,0	13.6
TP	6,78	20,51	1.88	13.73
	400'	E of	2nd	st
SL			6,4	14.1
bb			6,3	14.2
y			6,6	13.9
b			6,6	13.9
y			6,6	13.9
bb			6,8	13.7
nL			7,0	13.5

2051 Sta Monica

	450'	E of	2nd	st
nL			6,5	14.0
bb			6,5	14.0
y			6,2	14 3
b			6,2	14.3
y			6,0	14.5
bb			5,8	14.7
SL			5,8	14.7
	500'	E of	2nd	st
SL			5,5	15.0
bb			5,5	15.0
y			5,5	15.0
b			6,0	14.5
y			5,7	14.8
bb			6,0	14.5
nL			5,9	14.6

2051

	550'	E of	2nd	st
nl			5.7	14.8
bl			5.4	15.1
y			5.3	15.2
b			5.4	15.1
y			5.1	15.4
bl			4.9	15.6
Sl			4.9	15.6
	600' E = W l of		2d st	(60')
Sl			4.5	16.0
bl			4.5	16.0
y			4.6	15.9
b			4.6	15.9
y			4.7	15.8
bl			4.9	15.6
nl			4.6	15.9

2051 Sta Menier

29

	E line of		3d	st	nl E tr 3d Sta Menier
nl			4.10	16.4	
bl			4.0	16.5	
y			4.2	16.3	
b			4.1	16.4	
y			3.9	16.6	
bl			4.0	16.5	
Sl			4.2	16.3	
	50	E of	3d	st	
Sl			3.5	17.0	
bl			3.4	17.1	
y			3.4	17.1	
b			3.7	16.8	
y			3.7	16.8	
bl			3.7	16.8	
nl			3.7	16.8	

		2051		
	100'	E of	3 d st	
NL			3,3	17.2
bh			3,3	17,2
y			3,2	17.3
b			3,2	17.3
y			3,0	17.5
bh			2,9	17.6
SL			2,8	17.7
TP	7,40	2509	2,82	17.69
	150'	E of	2nd	st
SL			7,2	17.9
bh			7,0	18,1
y			7.1	18,0
b			7,3	17.8
y			7,1	18,0
bh			7,1	18,0
NL			7,1	18.0

		2509	Sta Monica	
	200'	E of	3 d	st
NL			6.6	18.5
bh			6,5	18,6
y			6,7	18.4
b			6,6	18.5
y			6,4	18,7
bh			6,7	18,4
SL			6,6	18.5
	250'	E of	3 d	st
SL			6,0	19.1
bh			5,9	19.2
y			5,9	19.2
b			5.9	19.2
y			5,9	19.2
bh			6,0	19.1
NL			6,0	19.1

25,09

	300'	E of	3d	st
NL			5,5	19.6
bb			5,4	20.7
"			5,2	19.9
b			5,3	19.8
"			5,1	20.0
bb			5,3	19.8
SL			5,2	19.9
	350'	E of	3d	st
SL			4,7	20.4
bb			4,5	20.6
"			4,8	20.3
b			4,8	20.3
"			4,5	20.6
bb			4,9	20.2
NL			4,8	20.3

25,09 Sta Monica

	400'	E of	3d	st
NL			4,4	20.7
bb			4,2	20.9
"			4,2	.9
b			4,2	20.9
"			4,1	21,0
bb			4,2	20,9
SL			4,1	21.0
	450'	E of	3d	st
SL			3,4	21.7
bb			3,5	21.6
"			3,5	21,6
b			3,5	21.6
"			3,4	21,7
bb			3,5	21,6
NL			3,4	21.7

		2509		
	500'	E of	3d	st
NL			2,6	22.5
bl			2,5	22.6
"			2,5	22.6
b			2,8	22.3
"			2,7	22.4
bl			2,6	22.5
SL			2,7	22.4
	550'	E of	3d	st
SL			1,6	23.5
bl			1,8	23.3
"			1,8	23.3
b			1,8	23.3
"			1,7	23.4
bl			1,6	23,5
NL			1,4	23.7
TP	11,20	34.53	1,76	23.33

		34.60		Sta Monica	
	600'	E =	W. L	of 4th	st
NL		34.61	10.08	24.53 24.45	NW H. 4th Sta Monica
bl			10.0	24.6	
"			10,1	24.6	
b			10,3	24.3	
"			10,2	24,4	
bl			10,2	24.4	
SL			10,1	24.5	
	E Line of		4th	st	
SL			8,9	25.7	
bl			8,9	25,7	
"			9,0	25,6	
b			9,0	25.6	
"			8,8	25,8	
bl			8,7	25,9	
NL			8,9	25.7	

		3461		
	50'	E of	4th	st
NL			7,7	26.9
bl			7,5	27.1
y			7,5	27.1
b			7,6	27.0
y			7,6	27.0
bl			7,6	27.0
SL			7,6	27.0
	100'	E of	4th	st
SL			6,3	28.3
bl			6,2	28.4
y			6,2	28.4
b			6,4	28.2
y			6,2	28.4
bl			6,0	28.6
NL			6,2	28.4

		3461		Sta Monica
	150'	E of	4th	st
NL			5,1	29.5
bl			5,0	29.6
y			5,0	29.6
b			5,2	29.4
y			5,0	29.6
bl			5,1	29.5
SL			5,0	29.6
	200'	E of	4th	st
SL			3,7	30.9
bl			3,6	31.0
y			3,6	31.0
b			3,6	31.0
y			3,6	31.0
bl			3,7	30.9
NL			3,8	30.8

34.61

	250'	E of	4 ft	20
h2			2.2	32.4
bl			2.3	32.3
y			2.3	32.3
b			2.3	32.3
y			2.3	32.3
bl			2.2	32.4
S2			2.5	32.1
TP	1.20	~~45.41~~	1.22	~~33.37~~
	300	E of	4 ft	20
		45.4		
S2			11.2	34.2
bl			11.5	33.9
y			11.7	33.7
b			11.6	33.8
y			11.5	33.9
bl			11.3	34.1
h2			11.3	34.1
h2			11.2	

POSTED

45.41 Sta Marcia

	350'	E of	4 ft	20
h2			9.2	36.2
bl			9.2	36.2
y			9.7	35.7
b			9.6	35.8
y			9.5	35.9
bl			9.4	36.0
S2			9.4	36.0
	400	E of	4 ft	20
S2			7.1	38.3
bl			7.2	38.2
y			7.2	38.2
b			7.2	38.2
y			7.2	38.2
bl			7.0	38.4
h2			6.9	38.5

POSTED

		45.41		
	450'	E of	4 ft	st
NL			5.1	40.3
bh			5.0	40.4
"			5.2	40.2
b			5.2	40.2
"			5.1	40.3
bh			5.1	40.3
SL			5.0	40.4
	500'	E of	4 ft	st
SL			2.8	42.6
bh			2.8	42.6
"			3.1	42.3
b			2.8	42.6
"			3.0	42.4
bh			2.9	42.5
NL			2.9	42.5
TP	12.50	55.08	2.83	42.58

		55.08 / 55.1		Sta Monroe	
	550'	E of	4 ft	st	
NL			10.6	44.6	
bh			10.5	44.6	
"			10.3	44.8	
b			10.3	44.8	
"			10.2	44.9	
bh			10.2	44.9	
SL			10.1	45.0	
	600'	E of W	2 of	Ebers 5 ft	(60')
SL			8.0	47.1	
bh			7.8	47.3	
"			8.0	47.1	
b			8.3	46.8	
"			8.4	46.7	
bh			8.3	46.8	
NL		55.03	8.48	46.57 / 46.60	[illegible] Sta Monroe

		55.03		
			Ebers	
	E L	of	5-th	st
NL			6.2	48.8
bl			6.3	48.7
y			6.2	48.8
b			6.0	49.0
y			5.8	49.2
bh			5.5	49.5
SL			5.6	49.4
	50'	E of	5-th	st
SL			3.1	51.9
bl			3.2	51.8
y			3.3	51.7
b			3.5	51.5
y			3.5	51.5
bh			3.6	51.4
NL			4.0	51.0
TP	12.60	64.73	2.90	52.13

		64.73		Sta Monica
	100'	E of	5-th	st
NL			10.3	54.4
bl			10.0	54.7
y			10.0	54.7
b			10.0	54.7
y			10.0	54.7
bh			10.2	54.5
SL			10.0	54.7
	150'	E of	5-th	st
SL			7.4	57.3
bl			7.2	57.5
y			6.8	57.9
b			7.2	57.5
y			7.2	57.5
bh			7.1	57.6
NL			7.2	57.5

		64.73					75.75		St Monica
			Ebers						
1	200'	E of	5-th	st		300'	E of	5-th	st
NL			5,4	59.3 ✓	NL			10,6	65,2 ✓
bl			5,1	59.6	bl			10,6	65.1
y			4,8	59.9	y			10,5	65,2
b			4,8	59.9	b			10,0	65.8
y			4,2	60,5	y			9,5	66.2
bl			4,3	60.4	bl			9.1	66.6
SL			4.3	60.4 ✓	SL			8,9	66.9 ✓
	250'	E of	5-th	st		350'	E of	5-th	st
SL			1,0	63.7 ✓	SL			5,6	70.2 ✓
bl			1.1	63.6	bl			6,2	69.5
y			1,4	63.3	y			6,6	69.1
b			1,9	62.8	b			7,0	68.8
y			2,1	62.6	y			7,2	68.5
bl			2,5	62.2	bl			7,3	68.4
NL			2.8	61.9 ✓	NL			7,3	68.5 ✓
TP	12.07	75.75	1,05	63.68					

		75.75						87.78		Sta Monica
	400'	E of	5 ft	st			500'	E of	5 ft	st
NL			4.4	71.4		NL		87.8	5.4	82.4
bb			4.4	71.3		bb			6.4	79.4
"			4.3	71.4		"			6.4	79.4
b			4.2	71.6		b			6.2	81.6
"			3.8	71.9		"			5.8	82.0
bb			3.6	71.9		bb			5.5	82.3
SL			2.7	73.1		SL			5.2	82.6
TP	12.17	87.78	0.19	75.61		TP	11.93	99.14	0.57	87.21
	450	E of	5 ft	st			550	E of	5 ft	st
		87.8						99.1		
SL			10.3	77.5		SL			10.2	88.9
bb			11.1	76.7		bb			10.7	88.4
"			11.4	76.4		"			11.0	88.1
b			11.6	76.2		b			11.3	87.8
"			11.7	76.1		"			11.8	87.3
bb			12.0	75.8		bb			11.8	87.3
NL			12.0	75.8		NL			12.4	86.7

99.14

	60.0'	E of =	wd of	Froude 6th (60')	
nd		99.1	7.3	92.01	Nw to Sant Mon
bl			7.1	92.0	
y			6.6	92.5	
b			6.4	92.7	
y			5.7	93.4	
bl			5.0	94.1	
Sd			4.5	94.6	
TP	12.27	110.80	~~0.63~~	98.58	

110.80 Sta. Monica

	Ed	of	6th	St
Sd			9.2	101.6
bl			9.0	101.8
y			9.7	101.1
b			10.8	100.0
y			11.3	99.5
bl			12.0	98.8
nd			12.5	98.3
	25'	E of	6th	St
nd			9.6	101.2
bl			9.0	101.8
y			8.5	102.3
b			7.5	103.3
y			7.2	103.6
bl			6.8	104.0
Sd			6.6	104.2

		11080		
	50'	E of	6th	st
SL			3,8	107.0
bh			4,6	106.2
y			5,5	105.3
b			6,0	104.8
y			6,6	104.2
bh			6,6	104.2
NL			6,8	104.0
	75'	E of	6th	st
NL			4,3	106.5
bh			3.5	107.3
y			2,7	108.1
b			1,8	109.0
y			1,0	109.8
bh			1,0	109.8
SL			0.4	110.4
TP	12,45	122,55	0,70	110,10

		122,55		Sta Monica
	100'	E of	6th	st
SL			6,3	116.3
bh			7,4	114.9
y			8,0	114.2
b			8,3	114.3
y			9,2	113.1
bh			10,4	111.9
NL			11,2	111.4
	125	E of	6th	st
NL			7,4	115.2
bh			6,4	115.9
y			5,7	116.6
b			5,4	117.2
y			4,2	118.4
bh			3,6	119.0
SL			3,2	119.4

		122.55		
	150'	E of	6 it	st
Sa			0.0	122.6
bh			1,2	121.4
"			2,4	120.2
b			3.3	119.3
"			4,0	118.6
bh			5,0	117.6
Na			5,4	117.2
TP	12,32	133.25	1.62	120.93
	175'	E of	6 it	st
Na			13,4	119.9
bh			12,1	121.1
"			10,3	122.9
b			9,2	124.1
"			8,8	124.4
bh			8,2	125.0
Sa			7,1	126.2

		133.25		Sta Monica
	200'	E of	6 it	st
Sa			5,4	127.9
bh			6,4	126.8
"			6,8	126.4
b			8,3	125.0
"			8,9	124.3
bh			10,8	122.4
Na			11,4	121.9
	225'	E of	6 it	st
Na			9,5	123.8
bh			8,3	124.7
"			6,8	126.4
b			5,6	127.7
"			4,1	129.1
bh			2,8	130.4
Sa			1,8	131.5

		133.25		
	250'	E of	6 ft	st
NL			8.4	124.9
bb			6.7	126.5
y			5.4	127.8
b			4.3	129.0
y			2.7	130.5
TP	100.8	141.87	1.46	131.79
bb			9.4	132.5
SL			8.0	133.9
	275'	E of	6 ft	st
SL			5.9	136.0
bb			7.2	134.7
y			9.4	132.5
b			11.5	130.4
y			12.4	129.5
bb			14.0	127.9
NL			15.1	126.8

POSTED

		141.87		Sta Monica
	200'	E of	6 ft	st
NL			14.9	127.0
bb			13.4	128.5
y			11.6	130.3
b			10.2	131.7
y			7.5	134.4
bb			5.1	136.8
SL			4.0	137.9
	325'	E of	6 ft	st
SL			1.7	140.2
bb			3.3	137.6
y			6.2	135.7
b			9.2	132.7
y			11.1	130.8
bb			12.5	129.4
NL			14.3	127.6

POSTED

		141.87		
	350'	E of	6th	st
NL			13.5	128.4 ✓
bh			11.6	130.3
"			10.0	131.9
b			8.1	133.8
"			6.0	135.9
bh			4.0	137.9
SL			0.0	141.9 ✓
	375'	E of	6th	st
SL			0.1	141.8
bh			3.5	138.4
"			5.4	136.5
b			7.3	134.6
"			9.3	132.6
bh			10.8	131.1
NL			12.3	129.6

		141.87		
	400'	E of	6th	st
NL			12.3	129.6
bh			11.2	130.7
"			10.0	131.9
b			8.2	133.7
"			6.4	135.5
bh			4.2	137.7
TP	7.78	145.05	4.60	137.27
SL			4.5	140.6
	425'	E of	6th	st
SL			5.0	140.1
bh			7.5	137.6
"			9.4	135.7
b			11.2	133.9
"			12.9	133.2
bh			14.0	131.1
NL			15.2	129.9

		145.05		
	450'	E of	6 ft	
NL			15.0	130.1
bh			14.1	131.0
y			13.3	131.8
b			12.2	132.9
y			10.3	134.8
bh			8.3	136.8
SL			6.6	138.5
	475'	E of	6 ft	st
SL			7.2	137.9
bh			8.9	136.2
y			10.7	134.4
b			12.0	133.1
y			12.5	132.6
bh			13.0	132.1
NL			13.4	131.7

		145.05	Ste Monica	
	500'	E of	6 ft	st
NL			11.4	133.7
bh			11.0	134.1
y			11.2	133.9
b			10.2	134.9
y			9.7	135.4
bh			9.0	136.1
SL			7.7	137.4
	525'	E of	6 ft	st
SL			7.0	138.1
bh			8.0	137.1
y			8.5	136.6
b			9.0	136.1
y			9.3	135.8
bh			9.7	135.4
NL			9.5	135.6

145.05

	550'	E of	6th	st
NL			6.3	138.8
bh			6.0	138.1
"			6.4	138.7
b			6.8	138.3
"			6.5	138.6
bh			5.8	139.3
SL			5.4	139.7
	575'	E of	6th	st
SL			3.3	141.8
bh			3.5	141.6
"			3.3	141.8
b			3.3	141.8
"			3.0	142.1
bh			3.0	142.1
NL			3.4	141.7

POSTED

145.05

	600'	E = W	L of	Guizot 7th
NL			0.2	144.9
bh			0.0	145.1
"			+0.4	145.5
b			+0.4	145.45
"			0.0	145.1
bh			0.5	144.6
SL			1.06	144.0

SW ~~[illegible]~~ 7th Santa Monica

POS

STED

Crossection of Saratoga St 80's

2nd St to 7th st

	7.92	15.26		7.34	NE of 2 Saratoga
	W Line of 2nd st				
NL			7.2	8.1	
bb			8.9	6.4	
"			8.4	6.9	
b			8.5	6.8	
"			8.4	6.9	
bb			8.5	6.8	
SL			7.2	8.1	
	10' W of 2nd				
SL			2.0	13.3	
NL			6.6	8.7	
	50' W of 2nd				
	Sand Banks 15 ft high				

POSTED

15.26 Saratoga

E Line of second st

SL			8.6	6.7
bb			8.5	6.8
"			7.7	7.6
b			7.9	7.4
"			8.0	7.3
bb			8.4	6.9
NL			8.0	7.3
	50' E of 2nd st			
NL			7.9	7.4
bb			8.0	7.3
"			7.7	7.6
b			7.8	7.5
"			6.8	8.5
bb			7.9	7.4
SL			7.8	7.5

15.26

	100' E of	2nd st	
SL		7.2	8.1
bl		6.7	8.6
y		6.4	8.9
b		7.5	7.8
y		7.6	7.7
bl		7.7	7.6
NL		7.6	7.7
	150' E of	2nd st	
NL		7.3	8.0
bl		7.5	7.8
y		7.6	7.7
b		7.5	7.8
y		6.0	9.3
bl		6.2	9.1
SL		7.2	8.1

15.26 Saratoga

	200' E of	2nd	st
SL		6.7	8.6
bl		7.0	8.3
y		4.9	10.4
b		6.4	8.9
y		6.7	8.6
bl		6.4	8.9
NL		6.6	8.7
	250' E of	2nd	st
NL		5.4	9.9
bl		5.5	9.8
y		5.5	9.8
b		5.4	9.9
y		4.1	11.2
bl		5.5	9.8
SL		5.4	9.9

15.26

	300' E of 2nd st		
SL		4,3	11.0
bl		5,1	10.2
y		3,4	11.9
b		4,2	11.1
y		4,1	11.2
bl		3,9	11.4
NL		4,1	11.2
	350' E of 2nd st		
NL		3,3	12.0
bl		3,5	11.8
y		3,6	11.7
b		3,3	12.0
y		2,8	12.5
bl		4,3	11.0
SL		2,7	12.6

15.26 Saratoga

	400' E of 2nd st		
SL		2,6	12.7
bl		3,6	11.7
y		2,2	13.1
b		2,8	12.5
y		3,3	12.0
bl		2,8	12.5
NL		2,4	12.9
	450' E of 2nd st		
NL		2,2	13.1
bl		1,9	13.4
y		2,8	12.5
b		2,3	13.0
y		1,5	13.8
bl		2,8	12.5
SL		1,9	13.4
TP	6,85	20.43	13,58

POSTED

2043

	500' E of 2nd st		
S2		6.6	13.8
bl		7.8	12.6
4		6.2	14.2
b		6.6	13.8
4		6.8	13.6
bl		6.6	13.8
N2		6.6	13.8
	550' E of 2nd st		
N2		6.0	14.4
bl		6.3	14.1
4		6.8	13.6
b		5.4	15.0
4		6.0	14.4
bl		6.0	14.4
S2		5.8	14.6

2043 Saratoga

	600' E = w lin of 3d st (60')		
S2		5.5	14.9
bl		5.8	14.6
4		5.5	14.9
b		6.0	14.4
4		5.5	14.9
bl		5.0	15.4
N2		5.4	15.0
	E lin of 3d st		
N2		5.0	15.4
bl		4.7	15.7
4		4.8	15.6
b		5.0	15.4
4		4.8	15.6
bl		5.0	15.4
S2		5.2	15.2

2043

	50'	E of	3d	v
S2			4.1	16.3
bl			4,3	16.1
4			4.1	16.3
b			4.7	15.7
4			4,3	16.1
bl			4,5	15.9
N2			4,5	15.9
	100'	E of	3d	v
N2			4,2	16.2
bl			4,0	16.4
4			3,6	16.8
b			3.8	16.6
4			4,0	16.4
bl			3,8	16.6
S2			3,7	16.7

2043 Saratoga

	150'	E of	3d	v
S2			3,3	17.1
bl			2,8	17.6
4			2,9	17.5
b			3.1	17.3
4			3,2	17.2
bl			3,0	17.4
N2			3,2	17.2
	200'	E of	3d	v
N2			2,6	17.8
bl			2,6	17.8
4			2,4	18.0
b			2,6	17.8
4			2,5	17.9
bl			2,5	17.9
S2			2,6	17.8
Tp	67 v	24,60	2,55	17,88

Oct. 28 — 2460

	250'	E of	3d st	
SL			6,1	18.5
bh			5,9	18.7
"			6,1	18.5
b			5,9	18.7
"			5,7	18.9
bh			6,0	18.6
NL			6,0	18.6
	300'	E of	3d	st
NL			5,3	19.3
bh			5,3	19.3
"			5,6	19.0
b			5,4	19.2
"			5,3	19.3
bh			5,5	19.1
SL			5,4	19.2

2460 — Saratoga

	350	E of	3d st	
SL		4	4,8	19.8
bh			4,9	19.7
"			4,9	19.7
b			5,0	19.6
"			4,8	19.8
bh			5,0	19.6
NL			4,9	19.7
	400'	E of	3d	st
NL			4,5	20.1
bh			4,2	20.4
"			4,2	20.4
b			4,2	20.4
"			4,0	20.6
bh			4,0	20.6
SL			3,9	20.7

POSTED

		24.60		
	450'	E of	3d	st
Sa			3,4	21.2
bh			3,4	21.2
y			3,6	21.0
b			3,6	21.0
y			3,6	21.0
bh			3,6	21.0
Na			3,6	21.0
	500'	E of	3d	st
Na			3,0	21.6
bh			2,8	21.8
y			2,6	22,0
b			2,5	22.1
y			2,7	21,9
bh			2,5	22.1
Sa			2,6	22.0
TP	9.63	31,70	2,50	22.07

		31.70		Saratoga
	550'	E of	3d	st
Sa			8,6	23.1
bh			8,7	23.0
y			8,8	22.9
b			8,8	22.9
y			8,8	22.9
bh			8,8	22.9
Na			8,8	22.9
	600' E	= W	S of	4th st (60')
Na	7.57	31.77	7,50	24.20
bh			7,8	24.0
y			7,5	24.2
b			8,0	23.8
y			7,6	24.1
bh			7,7	24.0
Sa			7,7	24.1

NW 4
4 + Saratoga

		31.77		
	E Line of		4th	st
SL			6.1	25.7
bl			6.4	25.4
y			6.4	25.4
b			6.5	25.3
y			6.5	25.3
bl			6.1	25.7
NL			6.5	25.3
	50'	E of	4th	st
NL			5.5	26.3
bl			5.6	26.1
y			5.4	26.4
b			5.4	26.4
y			5.4	26.4
bl			5.3	26.5
SL			5.1	26.7

		31.76		Saratoga
	100'	E of	4th	st
SL			4.1	27.7
bl			4.1	27.6
y			4.1	27.6
b			4.3	27.5
y			4.3	27.5
bl			4.2	27.6
NL			4.1	27.7
	150'	E of	4th	st
NL			2.8	29.0
bl			2.7	29.1
y			2.7	29.1
bl			2.7	29.1
y			2.5	29.3
bl			2.5	29.3
SL			2.3	29.5
TD	12.90	42.24	2.43	29.34

4224

	200'	E of	4th	st
Sl			11.1	31.1
bl			11.2	31.0
y			11.1	31.1
b			11.5	30.7
y			11.2	31.0
bl			11.0	31.2
nl			11.3	30.9
	250'	E of	4th	st
nl			9.9	32.3
bl			9.8	32.4
y			9.3	32.9
b			9.1	33.1
y			9.0	33.2
bl			9.0	33.2
Sl			8.9	33.3

4224 Saratoga

	300'	E of	4th	st
Sl			6.9	35.3
bl			7.2	35.0
y			7.2	35.0
b			7.4	34.8
y			7.5	34.7
bl			7.5	34.7
nl			8.0	34.2
	350'	E of	4th	st
nl			6.2	36.0
bl			5.9	36.3
y			5.9	36.3
b			5.8	36.4
y			5.7	36.5
bl			5.5	36.7
Sl			5.2	37.0

	4224			
	400'	E of	4 ft	st
Sa			3,4	38.8
bb			3,7	38.5
y			4,0	38.2
b			4,1	38.1
y			4,5	37.7
bb			4,6	37 6
Na			4,7	37.5
	450'	E of	4 ft	st
Na			2,8	39.4
bb			2,7	39.5
y			2,4	39.8
b			2,3	39.9
y			2,1	40.1
bb			1,9	40 3
Sa			1,7	40.5
TP	7,02	4756	1.70	4054

	4756			Saratoga
	500'	E of	4 ft	st
Sa			5,7	41.9
bb			5,8	41.8
y			6,0	41.6
b			6,4	41.2
y			6,5	47.1
bb			6,8	40.8
Na			7,1	40.5
	550'	E of	4 ft	st
Na			5,6	42.0
bb			5,4	42.2
y			5,1	42.5
b			5,0	42.6
y			4,9	42.7
bb			4,7	42.9
Sa			4,4	43.2

POSTED

	600'	E = 4756 / 4756	N L	of Ebers ~~5 ft~~ ss (60')
S L			2,8	44.8
bl			3,0	44.6
y			3,0	44.6
b			3,4	44.2
y			3,5	44.1
bl			3,7	43.9
N L	1220	5574	4,0	43.56
	E line	of	Ebers ~~5 ft~~	ss
N L			10,2	45.5
bl			9,7	46.0
y			9,5	46.2
b			8,8	46.9
y			8,6	47.1
bl			8,4	47.3
S L			8,4	47.3

	50'	E of	Ebers ~~5 ft~~	st
S L			6,0	49.7
bl			6,4	49.3
y			6,5	49.2
b			7,2	48.5
y			7,4	48.3
bl			7,7	48.0
N L			8,3	47.4
	100'	E of	5 ft	st
N L			6,2	49.5
bl			5,5	50.2
y			5,1	50.6
b			5,0	50.1
y			4,8	50.9
bl			4,5	51.2
S L			4,1	51.6

		55.7.7		
	150'	E of	5-th	st
Sr			1,8	53.9
bh			2,2	53.5
y			2,0	53.7
b			2,4	53.3
y			3,0	52.7
bh			3,5	52.2
Nr			4,2	51.5
T.P	12,37	65,39	2,80	52,97
	200'	E of	5-th	st
Nr			11,1	54.2
bh			10,4	54.9
y			9,8	55.5
b			9,2	56.1
y			8,9	56.4
bh			8,8	56.5
Sr			8,7	56.6

		65.34		Saratoga
	250'	E of	5-th	st
Sr			5,3	60.0
bh			6,1	59.2
y			6,4	58.9
b			6,8	58.5
y			7,2	58.1
bh			7,4	57.9
Nr			8,3	57.0
	300'	E of	5-th	st
Nr			5,8	59.5
bh			4,8	60.5
y			4,3	61.0
b			3,8	61.5
y			3,3	62.0
bh			2,4	62.9
Sr			2,0	63.3

		65.34		
	350'	E of	5-ft	at
SL			+0.8	66.1
bl			+0.3	65.6
"			0.10	65.2
b			0.90	64.4
"			1.3	64.0
bl			1.7	63.6
nL			2.4	62.9
TP	12.88	77.78	0.90	64.88
	400'	E of	5-ft	at
nL			9.4	68.4
bl			9.4	68.4
"			9.4	68.4
b			9.3	68.5
"			9.0	68.8
bl			8.6	69.2
SL			8.2	69.6

		77.79		Saratoga
	450'	E of	5-ft	at
SL			4.5	73.3
bl			4.0	74.8
"			4.2	74.6
b			3.8	74.0
"			3.5	74.3
bl			3.5	74.3
nL			3.5	74.3
TP	12.67	89.43	1.00	76.76
	500'	E of	5-ft	at
nL			10.2	78.7
bl			10.1	79.3
"			10.5	78.9
b			10.8	78.6
"			10.7	78.7
bl			10.0	78.4
SL			11.5	77.9

		89.43			
	550'	E of	Ebers ~~6 ft~~	st	
Sh			3.4	86.0	
bb			3.6	85.8	
"			3.4	86.0	
b			3.8	85.6	
"			3.8	85.6	
bb			4.5	84.9	
Nh			5.8	83.6	
TP	12.64	100.90	1.17	88.26	
	600' E = W line of ~~6 ft~~ Froude st 60'				NW 1/4 Saratoga
Nh			12.77	88.16	
bb			12.4	88.5	
"			11.2	89.7	
b			9.2	91.7	
"			8.3	92.6	
bb			7.9	93.0	
Sh			7.5	93.4	

		100.90		Saratoga	
	E line of		Froude ~~6 ft~~	st	
Sh			3.2	97.7	
bb			2.8	98.1	
"	POSTED		3.3	97.6	
b			4.3	96.6	
"			4.9	96.0	
bb			5.0	95.9	
Nh			3.9	97.0	
TP	11.35	111.38	0.67	100.23	
	50'	E of	6 ft	st	
Nh			9.0	102.6	
bb			9.0	102.6	
"			9.2	102.4	
b			9.2	102.4	
"			8.7	102.9	
bb			9.1	102.5	
Sh			9.4	102.2	

		11158		
	100'	E of	6 ft	st
SL			7,0	104.6
bl			6,6	105.0
y			6,6	105.0
b			6,4	105.2
y			6,3	105.3
bl			6,4	105.2
NL			6,3	105.3
	150'	E of	6 ft	st
NL			4,4	107.2
bl			4,3	107.3
y			4,3	107.3
b			4,3	107.3
y			4,5	107.1
bl			4,5	107.1
SL			4,6	107.0

		11158		Saratoga
	200'	E of	6 ft	st
SL			2,3	109.3
bl			2,6	109.0
y			2,6	1090
b			2,6	109.0
y			2,6	109.0
bl			2,4	109.2
NL			2,5	109.1
	250'	E of	6 ft	st
NL			1,5	110.1
bl			1,0	110.0
y			0,8	110.8
b			0,7	110.9
y			0,6	111.0
bl			0,4	111.2
SL			0,2	111.4
TP	12.45	12388	0,15	11145

12.88

	300'	E of	bit	st
SL			9.9	114.0
bl			9.9	114.0
y			10.1	113.8
b			11.0	112.9
y			11.2	112.7
bl			11.6	112.2
NL			12.1	111.8
	350'	E of	bit	st
NL			8.6	115.3
bl			8.1	115.8
y			7.7	116.2
b			7.2	116.7
y			6.6	117.3
bl			6.4	117.5
SL			6.2	117.6

12.88 Saratoga

Froude

	400'	E of	bit	st
SL			2.0	121.9
bl			2.2	121.7
y			2.5	121.4
b			2.6	121.3
y			3.1	120.8
bl			3.6	120.3
NL			4.1	119.8
TP	12.72	135.39	1.01	128.87
	450'	E of	bit	st
NL			11.5	124.1
bl			11.4	124.2
y			10.8	124.8
b			10.3	124.9
y			10.6	125.0
bl			10.4	125.2
SL			10.0	125.6

135.89

Froude

	500'	E of		
SL			5.6	130.0
bl			6.4	129.2
"			6.6	129.0
b			7.0	128.6
"			7.4	128.2
bl			7.9	127.7
NL			8.2	127.4
	550'	E		
NL			4.6	131.0
bl			4.4	131.2
"			3.8	131.8
b			2.2	132.4
"			2.3	133.3
bl			1.5	134.1
SL			1.0	134.6
TP	803	141.98	1.64	133.95
			3.14	138.84

POSTED

	350	142.30		138.80
	600'	E =	W of	
SL			3.50	138.8
bl			3.60	138.7
"			3.60	138.7
b			3.80	138.5
"			4.30	137.80
bl			5.20	137.1
NL			5.5	136.8

POSTED

Clough Taylor Cranze nov 12

Crossection of Cape May St (80')

Ocean to ~~7th~~ GUIZOT st

	2.89	17.31		14.42	BM 9 W 3 d Cape May
	W Line of 3 d st				
SL			2.9	14.4	
bh			3.0	14.3	6.0
"			3.2	14.1	
b			3.1	14.2	
"			3.0	14.3	
bh			3.0	14.3	
NL			3.4	13.9	
	50' W of 3 d st				
NL			3.6	13.7	4.5 5.50
bh			4.1	13.2	
"			4.0	13.3	
b			3.8	13.5	
"			3.6	13.7	
bh			3.8	13.5	
SL			3.5	13.8	

POSTED

17.31 Cape May

	100' W of 3 d st				
SL			4.2	13.1	6.0 5.0
bh			4.2	13.1	
"			4.3	13.0	
b			4.3	13.0	
"			4.0	13.3	
bh			4.2	13.1	
NL			4.5	12.8	
	150' W of 3 d st				
NL			5.2	12.1	4.6
bh			5.0	12.3	
"			4.8	12.5	
b			5.1	12.2	
"			5.0	12.3	
bh			4.7	12.6	
SL			4.7	12.6	

POSTED

1731

	200'	W of	3d	st	
SL			5.7	11.6	
bb			6.0	11.3	
y			5.4	11.9	
b			5.9	11.4	
y			5.7	11.6	
bb			5.9	11.4	
RL			5.9	11.4	
	250'	W of	3d	st	
RL			6.8	10.5	3.5
bb			6.8	10.5	
y			6.7	10.6	
b			6.6	10.7	
y			6.8	10.5	
bb			6.8	10.5	
SL			6.9	10.4	

1731 Cache Mary

	300'	W of	3d	st	
SL			7.8	9.5	3
bb			7.6	9.7	
y			7.5	9.8	
b			7.7	9.6	
y			7.7	9.6	
bb			7.6	9.7	
RL			7.5	9.8	
	350'	W of	3d	st	
RL			8.5	8.8	
bb			8.5	8.8	
y			8.4	8.9	
b			8.6	8.7	
y			8.5	8.8	
bb			8.5	8.8	
SL			8.4	8.9	
TP	5.18	13.44	9.05	8.26	

1344

	400'	W of	3d st	
SL			5.2	8.2 ✓
bl			5.2	8.2
y			5.2	8.2
b			5.6	7.8
y			5.4	8.0
bl			5.5	7.9
nL			5.1	8.3
	450	W of	3d st	
nL			5.9	7.5 ✓
bl			5.8	7.6
y			5.9	7.5
b			6.0	7.4
y			5.9	7.5
bl			5.8	7.6
SL			5.6	7.8

1344 Late May

	500'	W of	3d st	
SL			6.0	7.4 ✓
bl			6.3	7.1
y			6.4	7.0
b			6.7	6.7
y			6.5	6.9
bl			6.6	6.8
nL			6.8	6.6
	525'	W of	3d st	
nL			7.1	6.3
bl			6.8	6.6
y			6.5	6.9
b			6.5	6.9
y			6.4	7.0
bl			6.2	7.2
SL			5.4	8.0

1344

550' W of 3d st

NL		7.1	6.3

Sand Bank 15' High Here

POSTED

Cape May

E Lin of 3d st (60')

	768	22.0		14.42	BM SWH 3a Cape May
SL			7.0	15.1	
bl			6.8	15.3	
y			7.0	15.1	
b			6.9	15.2	
y			7.1	15.0	
bl			7.0	15.1	
NL			7.2	14.9	

POSTED

50' E of 3d st

NL			6.3	15.8	
bl			6.6	15.5	
y			6.4	15.7	
b			6.5	15.6	
y			6.4	15.7	
bl			6.0	16.1	
SL			6.2	15.9	

22.10

	100'	E of	3d	st
SL			5.5	16.6
bl			5.6	16.5
"			5.4	16.7
b			5.7	16.4
"			5.7	16.4
bl			5.5	16.6
NL			5.8	16.3

	150'	E of	3d	st
NL			5.1	17.0
bl			5.2	16.9
"			5.2	16.9
b			5.1	17.0
"			5.0	17.1
bl			5.0	17.1
SL			5.0	17.1

22.10 Lake Mary

	200'	E of	3d	st
SL			4.5	17.6
bl			4.5	17.6
"			4.7	17.4
b			4.7	17.4
"			4.5	17.6
bl			4.8	17.3
NL			4.8	17.3

	250'	E of	3d	st
NL			4.2	17.9
bl			4.2	17.9
"			4.3	17.8
b			3.8	18.3
"			4.0	18.1
bl			4.0	18.1
SL			3.9	18.2

2210

	300'	E of	3 d	st
SL			3.3	18.8
bb			3.7	18.7
y			3.4	18.7
b			3.5	18.6
y			3.4	18.7
bb			3.3	188
RL			3.4	18.7
	350'	E of	3 d	st
RL			3.0	19.1
bb			2.9	19.2
y			2.8	19.3
b			3.0	19.1
y			2.6	19.5
bb			2.7	19.4
SL			2.9	19.2

2210 Cabin bay

	400'	E of	3 d	st
SL			1.8	20.3
bb			1.8	20.3
y			1.9	20.2
b			1.5	20.6
y			1.8	20.3
bb			1.7	20.4
RL			1.7	20.4
TP	836	2891	1.55	20.55
	450'	E of	3 d	st
RL			7.2	21.7
bb			7.5	21.4
y			7.7	21.2
b			7.7	21.2
y			7.7	21.2
bb			7.7	21.2
SL			7.4	21.5

POSTED

2891

	500'	E of	3d	st
SL			6,6	22.3
bl			6,4	22.5
y			6,2	22.7
b			6,4	22.5
y			6,2	22.7
bl			6,3	22.6
NL			6,2	22.7
	550'	E of	3d	st
NL			5,2	23.7
bl			5,0	23.9
y			5,4	23.5
b			5,3	23.6
y			5,4	23.5
bl			5,5	23.4
SL			5,5	23.4

2891 Cape May

	600'	E =	W L of	4th st (60')
SL			4,8	24.1
bl			4,8	24.1
y			4,5	24.4
b			4,6	24.3
y			4,6	24.3
bl			4,4	24.5
NL			4,2	24.65 (65)
	E Line of		4th	st
NL			3,7	25.2
bl			3,7	25.2
y			3,8	25.1
b			3,9	25.0
y			3,5	25.4
bl			3,9	25.0
SL			3,8	25.1

		2891		
	50'	E of	4th	st
SL			3.1	25.8
bl			3.1	25.8
y			3.1	25.8
b			3.3	25.6
y			3.0	25.9
bl			3.1	25.8
NL			2.7	26.2
	100'	E of	4th	st
NL			2.2	26.7
bl			1.8	27.1
y			2.4	26.5
b			2.4	26.5
y			2.3	26.6
bl			2.2	26.7
SL			2.3	26.6
T.P	890	3563	2.18	26.73

		3563		Cap. May
	150'	E of	4th	st
SL			8.4	27.2
bl			8.4	27.2
y			8.3	27.3
b			8.3	27.3
y			8.4	27.2
bl			8.5	27.1
NL			8.5	27.1
	200'	E of	4th	st
NL			7.7	27.9
bl			7.2	28.4
y			7.3	28.3
b			7.6	28.0
y			7.4	28.2
bl			7.4	28.2
SL			7.2	28.4

3563

	250'	E of	4th	st
SL			6.5	29.1
bl			6.4	29.2
y			6.3	29.3
b			6.7	28.9
y			6.8	28.8
bl			6.8	28.8
NL			6.8	28.8
	300'	E of	4th	st
NL			5.8	29.8
bl			5.6	30.0
y			5.6	30.0
b			5.3	30.3
y			5.3	30.3
bl			5.1	30.5
SL			4.5	31.1

3563 bole May

	350'	E of	4th	st
SL			4.0	31.6
bl			3.8	31.8
y			4.0	31.3
b			4.4	31.2
y			4.6	31.0
bl			4.6	31.0
NL			4.8	30.8
	400'	E of	4th	st
NL			3.9	31.7
bl			3.4	32.2
y			3.5	32.1
b			3.5	32.1
y			3.1	32.4
bl			2.8	32.8
SL			2.9	32.7
TP	9.48	41.67	3.44	32.19

4167

	450'	E of	yd	st
Sd			8,6	33.1
bl			8,5	33.2
y			9,0	32.7
b			9,4	32.3
y			9,6	32.1
bl			9,7	32.0
Rd			9,9	31.8
	500'	E of	yd	st
Rd			9,5	32.2
bl			9,3	32.4
y			8,8	32.9
b			8,8	32.9
y			8,5	33.2
bl			8,2	33.5
Sd			8,0	33.7

POSTED

4167 Lake Mary st

	550'	E of	yd	st
Sd			6,5	35.2
bl			7,2	34.5
y			6,8	34.9
b			7,3	34.4
y			7,8	33.9
bl			8,1	33.6
Rd			8,5	33.2
	600'	E = W	d of	st st (60')
Rd			6,7	35.0
bl			6,8	34.9
y			6,6	35.1
b			6,5	35.2
y			6,0	35.7
bl			6,0	35.7
Sd			5,5	36.2

POSTED

41.67

E line of 5th st

SL			3,8	37.9
bb			4,2	37.5
"			4,2	37.5
b			4,4	37.3
"			4,5	37.2
bb			4,5	37.2
NL			4,8	36.9
	50'	E of	5th	st
NL			2,8	38.9
bb			2,4	39.3
"			2,4	39.3
b			2,3	39.4
"			2,1	39.6
bb			1,8	39.9
SL			1,8	39.9
TP	11,80	51.82	1.65	40.02

51.82 Cape May

	100'	E of	5th	st
SL			9,6	42.2
bb			9,5	42.3
"			10,5	41.3
b			10,6	41.2
"			10,6	41.2
bb			11,4	40.4
NL			11,0	40.8
	150'	E of	5th	st
NL			8,0	43.8
bb			7,9	43.9
"			7,8	44.0
b			8,0	43.8
"			7,7	44.1
bb			7,7	44.1
SL			7,8	44.0

		51.82		
	200'	E of	5 ft	st
SL			5,3	46.5
bl			5,3	46.5
"			5,2	46.6
b			4,8	47.0
"			4,8	47.0
bl			4,8	47.0
NL			4,8	47.0
	250'	E of	5 ft	st
NL			0,9	50.9
bl			1,3	50.5
"			1,4	50.4
b			1,6	50.2
"			1,8	50.0
bl			1,8	50.0
SL			1,9	49.9
TP	11,82	61,26	2,38	49,44

		61.26		Cape May
	300'	E of	5 ft	st
SL			7,1	54.2
bl			6,9	54.4
"			7,2	54.1
b			7,2	54.1
"			7,2	54.1
bl			7,0	54.3
NL			7,0	54.3
	350'	E of	5 ft	st
NL			3,8	57.5
bl			3,3	58.0
"			3,1	58.2
b			3,1	58.2
"			3,0	58.3
bl			2,8	58.5
SL			2,1	59.2
TP	11,75	71,00	2,07	59,25

	400'	E of	5 ft	st
		7100		
SL			7.5	63.5
bl			7,7	63.3
"			8,4	62.6
b			8,8	62.2
"			9,0	62.0
bl			9,3	61.7
NL			9,3	61.7
	450'	E of	5 ft	st
NL			6,2	64.8
bl			5,5	65.5
"			5,2	65.8
b			5,0	66.0
"			4,8	66.2
bl			4,0	67.0
SL			3,8	67.2
TP	12,20	81,22	1.98	69.02

	500'	E of	5 ft	st
		8122		Cape May
SL			10,6	70.6
bl			10,4	70.8
"			11,1	70.1
b			11,2	70.0
"			11,5	69.7
bl			11,8	69.4
NL			12,3	68.9
	550'	E of	5 ft	st
NL			7,5	73.7
bl			6,7	74.5
"			6,5	74.7
b			6,7	74.5
"			6,8	74.4
bl			6,6	74.6
SL			6,3	74.9

POSTED

		8122			
	600'	E =	W. Sm	6 it st (60')	
SL			2,3	78.9	
bl			2,6	78.6	
"			2,5	78.7	
b			3,0	78.2	
"			3,5	77.7	
bl			4,4	76.8	
NL			5,47	7565 7575	BM 6 NW bot Mag
TP	12,65	88,40		7575	
	EL	of	6 it	st	
NL			6,5	81.9	
bl			6,6	81.8	
"			7,5	80.9	
b			7,0	81.4	
"			6,0	82.4	
bl			4,0	84.4	
SL			1,8	86.6	

		88,40	Cape May st	
	50'	E of	6 it	st
SL			1,9	86.5
bl			3,4	85.0
"			3,7	84.7
b			3,1	85.3
"			2,2	86.2
bl			2,0	86.4
NL			1,6	86.8
TP	9,62	9618	1,84	86,56
	75'	E of	6 it	st
NL			11,0	85.2
bl			9,3	86.9
"			8,8	87.4
b			9,1	87.1
"			9,7	86.5
bl			9,9	86.3
SL			9,5	86.7

9618

	100'	E of	6th	st
SL			7,8	88.4
bl			8,0	88.2
y			8,5	87.7
b			9,1	87.1
y			10,4	85.8
bl			11,3	84.9
NL			12,4	83.8
	125'	E of	6th	st
NL			12,0	84.2
bl			11,6	84.6
y			11,1	85.1
b			10,3	85.9
y			9,2	87.0
bl			8,5	87.7
SL			6,1	90.1

9618 Cape May

	150'	E of	6th	st
SL			7,6	88.6
bl			8,4	87.8
y			9,1	87.1
b			10,0	86.2
y			10,4	85.8
bl			10,5	85.7
NL			10,6	85.6
	175'	E of	6th	st
NL			7,5	88.7
bl			7,9	88.3
y			8,2	88.0
b			8,2	88.0
y			8,0	88.2
bl			7,8	88.4
SL			7,2	89.0

POSTED

		96.18		
	200'	E of	6th	st
SL			6,2	90.0
bl			6,4	89.8
"			6,3	89.9
b			6,0	90.2
"			5,0	91.2
bl			3,5	92.7
NL			3,0	93.2
	225'	E of	6th	st
NL			1,3	94.9
bl			0,5	95.7
"			0,5	95.7
b			1,2	95.0
"			2,5	93.7
bl			3,3	92.9
SL			4,0	92.2
TP	12,74	107.98	0,94	95.24

		107.98 / 108.00		Cape May st
	250'	E of	6th	st
SL			11,7	96.3
bl			10,3	97.7
"			9,8	98.2
b			9,9	98.1
"			10,6	97.4
bl			10,9	97.1
NL			12,0	96.0
	275'	E of	6th	st
NL			10,9	97.1
bl			10,2	97.8
"			9,5	98.5
b			8,7	99.3
"			8,3	99.7
bl			8,0	100.0
SL			7,3	100.7

		107.98		
	300'	E of	6 ft	st
SL			5,2	102.8
bl			5,7	102.3
"			6,4	101.6
b			7,2	100.8
"			8,1	99.9
bl			8.6	99.4
NL			9.4	98.6
	350'	E of	6 ft	st
NL			6,8	101.2
bl			6,4	101.6
"			5,8	102.2
b			5,1	102.9
"			4,2	103.8
bl			3,4	104.6
SL			2,6	105.4

		107.98		Cope Mag st
	400'	E of	6 ft	st
SL			0,1	107.9
bl			1,0	107.0
"			1,5	106.5
b			2,2	105.8
"			2,5	105.5
bl			2,8	105.2
NL			3,5	104.5
TP	12.07	118.87	1.18	106.80
"	450'	E of	6 ft	st
NL			10,3	108.6
bl			9,7	109.2
"			9,1	109.8
b			8,9	110.0
"			8,1	110.8
bl			7,6	111.3
SL			7,0	111.9
TP	12,27	129.26	1.88	116.99

		12926		
	500'	E of	6th	st
SL			11,8	117.5
bl			12,3	117.0
y			13.1	116.2
b			13,9	115.4
y			14,6	114.7
bl			15,2	114.1
NL			15.6	113.7
	550'	E of	6th	st
NL			10,5	118.8
bl			10,0	119.3
y			9,5	119.8
b			8 8	120 5
y			8,0	121.3
bl			7,1	122.2
SL			6,7	122.6

		12926		book May
	600'	E =	W L of 7th st	60
SL			0.7	128.9
lb.			1,4	127.9
1/2			2.1	127.2
b.			2,8	126.5
1/4			3,3	126.0
lb			3,7	125.6
No.			4.1	125.2
BM			3,30	125.96 95

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.		

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