400

LEVEL

F.B. 307

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

307

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

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 9 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

— Index —

Xsec	Cable – Brighton – Ocean	1
Xsec	Bermuda. Ocean – East Side	31
Xsec	Pescadero " "	49

Clough
Taylor
Dunn

Cross section of 3rd st (Cable) (60')
SL of Brighton to Ocean

1

POSTED

Br # 52
3a
Brighton

505	1992		14.87	
SL Brighton				
EL		5.0	14.90	
bl +5		6.6	13.3	
		3.6	16.3	
'		3.6	16.3	
b +5		6.0	13.9	
		5.5	14.4	
'		5.7	14.2	
bl		5.5	14.5	
WL		5.8	14.1	
54a 3rd Brighton				
WL		5.7	14.2	
bl		5.6	14.3	
'		5.2	14.3	
b		6.0	13.9	
'		4.0	15.9	
bl +6		4.0	15.9	
		6.2	13.7	
EL		5.0	14.9	

19.92

100' S of	Brightness	
E2	5.1	14.8
bl	5.8	14.1
y	4.1	15.8
b	6.5	13.4
y	5.8	14.1
bl	5.7	14.2
W2	5.8	14.1
150' S of	Brightness	
W2	5.8	14.1
bl	5.6	14.3
y	5.6	14.3
b	6.0	13.9
y	4.0	15.9
bl	5.6	14.3
E2	5.0	14.9

19.92 3d st

2

200' S of	Brightness	
E2	5.1	14.8
bl	5.6	14.4
y	4.0	15.9
b	5.8	14.1
y	5.7	14.2
bl	5.7	14.2
W2	5.7	14.2
250' S of	Brightness	
W2	5.6	14.3
bl	5.9	14.0
y	5.5	14.4
b	6.1	13.8
y	4.1	15.8
bl	5.7	14.2
E2	5.1	14.8

1992

300 S = N L base Mag (80')

EL	5.1	14.8
bl	5.9	14.0
y	4.3	15.6
b	6.7	13.2
y	5.6	14.3
bl	5.7	14.2
WL	6.0	13.9

N bl of base Mag

WL	5.6	14.3
bl	5.5	14.4
y	5.5	14.4
b	6.6	13.3
y	4.2	15.7
bl	5.2	14.7
EL	4.8	15.1

1992 300

N "y of base Mag

EL	4.9	15.0
bl	6.0	13.9
y	4.2	15.7
b	5.8	14.1
y	5.8	14.1
bl	5.8	14.6
WL	5.7	14.2

Center of base Mag

WL	5.7	14.2
bl	5.5	14.4
y	6.0	13.9
b	6.3	13.6
y	4.3	15.6
bl	5.7	14.2
EL	4.7	15.2

1992

S¼ of base Mag

El			4.8	13.1
bl			4.9	15.0
+3			6.3	13.6
y			4.4	15.5
b			6.2	13.6
y			5.9	14.0
bh			5.4	14.5
Wl			5.7	14.2

S bh of base Mag

Wl			5.2	14.3
bh			5.5	14.4
y			6.1	13.8
b			6.1	13.8
y			4.4	15.5
+7			5.4	14.5
bl			4.9	15.0
El			4.7	15.2

1992 East

S ℄ of base Mag

El			4.8	13.1
bl			4.8	15.1
+1			5.6	14.3
y			4.4	15.5
b			5.8	14.1
y			6.3	13.6
bh			5.4	14.5
Wl			5.5	14.4
TP	567	20.09	5.50	14.42

SW 5a bot. mag

50' S of base Mag

Wl			5.7	14.4
bl			5.5	14.6
y			6.2	13.9
b			6.5	13.6
y			4.5	15.6
bl			5.7	14.4
El			4.9	15.2

2009

100' B of base Mag

E2	4.8	15.3
bl	4.8	15.3
+3	5.2	14.5
y	4.9	15.4
b	6.3	13.8
n	6.2	13.9
bl	5.7	14.4
W2	5.7	14.4

150' B of base Mag

W2	5.2	14.5
bl	5.2	14.9
y	6.6	13.5
b	6.0	14.1
y	4.8	15.3
bl	5.6	14.5
E2	5.0	13.1

2009 30 st

200' S of base Mag

E2	4.7	15.4
bl	5.5	14.6
y	4.9	15.2
b	5.6	14.5
y	6.0	14.1
bl	5.3	14.8
W2	5.3	14.8

250' S of base Mag

W2	5.4	14.7
b	6.2	13.9
y	5.1	15.0
b	4.7	15.4
y	6.0	14.1
bl	4.8	15.3
E2	4.4	15.7
TP	4.48 2020	4.35 15.74

2022

S ¼ of Saratoga

El	4.6	15.6
bl	4.8	15.4
y	5.0	15.2
b	5.1	15.1
y	5.2	15.0
bl	5.1	15.1
Wl	5.2	15.0

S bl of Saratoga

Wl	5.5	14.7
bl	5.1	15.1
y	5.1	15.1
b	5.0	15.2
y	4.7	15.5
bl	5.0	15.2
El	4.7	15.5

2022 Sad

S 2 of Saratoga

El	4.9	15.3
bl	4.5	15.7
y	4.7	15.5
b	5.2	15.0
y	5.0	15.2
bl	5.0	15.2
Wl	5.2	15.0

50' S of Saratoga

Wl	5.0	15.2
bl	5.0	15.2
y	5.0	15.2
b	5.0	15.2
y	4.9	15.3
bl	4.6	15.6
El	4.6	15.6

2022

	100	S of	Saratoga		
E2			4.4	15.8	
bb			4.5	15.7	
y			4.6	15.6	
b			5.0	15.2	
y			4.9	15.3	
bb			4.8	15.4	
W2			5.0	15.2	
	150'	S of	Saratoga		
W2			5.0	15.2	
bb			4.8	15.4	
y			4.8	15.4	
b			4.3	15.9	
y			4.4	15.8	
bb			4.2	16.0	
E2			4.8	15.4	

2022

	200'	S of	Saratoga		
E2			4.3	15.9	
bb			4.1	16.1	
y			4.4	15.8	
b			4.6	15.6	
y			4.6	15.6	
bb			4.5	15.7	
W2			4.8	15.4	
	250	S of	Saratoga		
W2			4.7	15.5	
bb			4.5	15.7	
y			4.5	15.7	
b			4.4	15.8	
y			3.7	16.5	
bb			4.1	16.1	
E2			4.0	16.2	
TP	5.27	21.74	3.75	16.47	NE Cor Santa Monica

2174

300' S = n L Santa Monica (80')

El	5.3	16.4
bl	5.5	16.2
y	5.5	16.2
b	5.8	15.9
y	5.8	15.9
bl	5.7	16.0
Wl	5.9	15.8

½ bl of Santa Monica

Wl	6.0	15.7
bl	5.7	16.0
y	5.7	16.0
b	5.6	16.1
y	5.4	16.3
bl	5.2	16.5
El	5.1	16.6

2174

Sa 11
Cable

n ½ of Santa Monica

El	5.4	16.3
bl	5.4	16.3
y	5.4	16.3
b	5.5	16.2
y	5.6	16.1
bl	5.8	15.9
Wl	5.9	15.8

Centre of Santa Monica

Wl	5.8	15.9
bl	5.7	16.0
y	5.6	16.1
b	5.6	16.1
y	5.6	16.1
bl	5.5	16.2
El	5.3	16.4

2174

S 1/4 of Santa Monica

El	5.1	16.6
bl	5.3	16.4
y	5.4	16.3
b	5.6	16.1
y	5.7	16.0
bl	5.6	16.1
Wl	5.8	15.9

S bl of Santa Monica

Wl	5.8	15.9
bl	5.6	16.1
y	5.6	16.1
b	5.6	16.1
y	5.2	16.4
bl	5.2	16.5
El	5.2	16.5

POSTED

2174 Jd 25

S El of Santa Monica

El	5.4	16.3
bl	5.2	16.5
y	5.2	16.5
b	5.3	16.4
y	5.4	16.3
bl	5.6	16.1
Wl	5.7	16.0

50' S of Santa Monica

Wl	5.3	16.4
bl	5.1	16.6
y	5.2	16.5
b	5.3	16.4
y	5.1	16.6
bl	4.8	16.9
El	4.8	16.9

2174

	100'	S of	Santa Monica	
El			4.6	17.1
bl			4.7	17.0
y			4.9	16.8
b			5.0	16.7
y			5.2	16.5
bl			5.4	16.3
Wl			5.7	16.0
	150'	S of	Santa Monica	
Wl			5.0	16.7
bl			5.0	16.7
y			4.9	16.8
b			4.6	17.1
y			4.7	17.0
bl			4.5	17.2
El			4.4	17.3

2174 3d ed

	200'	S of	Santa Monica		
El			4.6	17.1	
bl			4.5	17.2	
y			4.6	17.1	
b			5.0	16.7	
y			4.7	17.0	
bl			4.7	17.0	
Wl			4.7	17.0	
	250'	S of	Santa Monica		
Wl			4.9	16.8	
bl			4.6	17.1	
y			4.7	17.0	
b			4.9	16.8	
y			4.7	17.0	
bl			4.5	17.2	
El			4.3	17.4	
TP	5.24	22.93	4.15	17.59	NE Hill Ja Newport

22.93

300' S ~ n 8 2 Newport (80')

Es	5.4	17.5
bl	5.4	17.5
y	5.5	17.4
b	5.7	17.2
y	5.6	17.3
bl	5.9	17.0
Wl	6.2	16.7

n bl of Newport

Wl	5.9	17.0
bl	5.8	17.1
y	5.7	17.2
b	5.4	17.5
y	5.3	17.6
bl	5.2	17.7
Es	5.3	17.6

22.93 301 st

n ½ of Newport

Es	5.2	17.7
bl	5.3	17.6
y	5.3	17.6
b	5.6	17.3
y	5.6	17.3
bl	5.8	17.1
Wl	5.8	17.1

Center of Newport

Wl	6.0	16.9
bl	5.9	17.0
y	5.8	17.1
b	5.8	17.1
y	5.8	17.1
bl	5.7	17.2
Es	5.5	17.4

2293

S 1/4 of Newport

El	5.3	17.6
bl	5.4	17.5
"	5.5	17.4
b	5.7	17.2
"	5.6	17.3
bl	5.5	17.4
Wl	5.5	17.4

S bl of Newport

Wl	5.6	17.3
bl	5.6	17.3
"	5.6	17.3
b	5.4	17.5
"	5.0	17.9
bl	5.1	17.8
El	5.0	17.9

2293 3 dist

S.l of Newport

El	5.2	17.7
bl	5.2	17.7
"	5.0	17.9
b	5.1	17.8
"	5.0	17.9
bl	5.6	17.3
Wl	5.6	17.3

50' S of Newport

Wl	5.5	17.4
bl	5.5	17.4
"	5.5	17.4
b	5.6	17.3
"	5.2	17.7
bl	5.1	17.8
El	4.9	18.0

2293

100' S of Newport

El			4.7	18.2
bl			5.6	17.3
y			4.8	18.1
b			5.2	17.7
y			5.0	17.9
bl			5.2	17.7
Wl			5.0	17.6

150' S of Newport

Wl			4.9	18.0
bl			5.0	17.9
"			4.9	18.0
b			4.8	18.1
y			5.0	18.9
bl			5.0	18.9
El			5.5	17.4

2293

200' S of Newport

El			4.0	18.9
bl			4.4	18.5
y			4.6	18.3
b			4.6	18.3
y			4.5	18.4
bl			4.6	18.3
Wl			4.8	18.1

250' S of Newport

Wl			4.0	18.9
bl			4.2	18.7
"			4.4	18.5
b			4.2	18.7
y			4.1	18.8
bl			4.0	18.9
El			3.8	19.1

2293

100' S = nd Magara (80')

El	3.6	19.3	
bl	3.7	19.2	
"	3.9	19.0	
b	4.2	18.7	
"	4.1	18.8	
bl	4.2	18.7	
Wl	4.10	18.8	
TP 768 2657	4.10	18.83	NW to sa Magara

Intersection line

Sd of Magara

Wl	7.2	19.3
bla	7.0	19.5
"	7.2	19.3
b	7.0	19.5
"	6.6	19.9
bla	6.3	20.2
El	6.6	19.9

POSTED

2657 Sd of

50' S of Magara

El	6.1	20.4
bl	6.2	20.3
"	6.2	20.3
b	6.4	20.1
"	6.4	20.2
bl	6.3	20.3
Wl	6.5	20.0

100' S of Magara

Wl	6.0	20.5
bl	6.0	20.5
"	5.7	20.8
b	5.7	20.8
"	5.3	21.2
bl	5.3	21.2
El	5.2	21.3

2651

150' S of Niagara

El	4.3	22.2
bl	4.0	22.5
4	4.7	22.1
6	4.8	21.7
4	5.2	21.3
bl	5.2	21.3
WL	5.4	21.1

200' S of Niagara

WL	4.8	21.7
bl	4.7	21.8
4	4.6	21.9
6	4.4	22.1
4	4.3	22.2
bl	4.1	22.4
El	3.9	22.6

2651 3 dist

250' S of Niagara

El	3.2	23.3
bl	3.1	23.4
4	3.2	23.2
6	4.0	22.5
4	3.7	23.8
bl	3.9	23.6
WL	4.3	22.2

TP	7.93	3062	3.82	22.69	mm bl 3a Niagara

? 300' S = N Line of Niagara (80')

WL	7.9	22.7
bl	7.8	22.8
4	7.6	23.0
6	7.7	22.9
4	7.4	23.2
bl	7.0	23.6
El	7.4	23.2

30 62

Sd of Narragansett

El	6.6	24.0	
bl	6.1	24.5	
y	6.6	24.0	
b	6.8	23.8	
y	7.0	23.6	
bl	7.1	23.5	POSTED
Wh	7.3	23.3	

50

Wh	6.9	23.7
bl	6.7	23.9
y	6.3	24.3
b	6.2	24.4
y	6.5	24.1
bl	6.1	24.5
El	5.5	25.1

30 62

30 of

100 S of Narragansett

El	5.5	25.1
bl	5.5	25.1
y	5.7	24.9
b	5.8	24.8
y	6.0	24.6
bl	6.2	24.4
Wh	6.3	24.3

150 S of Narragansett

Wh	5.7	24.9
bl	5.4	25.2
y	5.4	25.2
b	5.2	25.4
y	5.1	25.5
bl	4.9	25.7
El	4.7	25.9

		3062			
	200'	S of	Narragansett		
E2			3.9	26.7	
bl			4.3	26.3	
4			4.5	26.1	
6			4.6	26.0	
4			4.5	26.1	
bl			4.3	26.3	
W2			4.8	25.8	
	250'	S of	Narragansett		
W2			4.0	26.6	
bl			3.8	26.8	
4			3.5	27.5	
6			3.5	27.1	
4			4.0	26.6	
bl			3.6	27.0	
E2			3.4	27.2	
TP	6.46	34.08	3.00	27.62	N.E. Del mt.

		34.08		Last	
	300'	S ~~of~~	Narragansett	Del Monte (80')	
E2			6.4	27.7	
bl			6.4	27.7	
4			6.3	27.8	
6			6.2	27.8	
4			6.6	27.5	
bl			6.6	27.5	N. Bl. of Del Monte
W2			6.75	27.33	
	N bl of	Del Monte			
W2			6.6	27.5	
bl			6.3	27.8	
4			6.2	27.8	
6			6.2	27.9	
4			5.5	28.6	
bl			6.1	28.0	
E2			6.0	28.1	

2408

N ¼ of Del Monte

El	5.7	28.4
bl	6.0	28.1
y	6.0	28.1
b	6.1	28.0
y	6.3	27.8
bl	6.3	27.8
Wl	6.4	27.7

Center of Del Monte

Wl	6.0	28.1
bl	6.0	28.1
y	5.9	28.2
b	5.7	28.4
y	5.7	28.4
bl	5.8	28.3
El	5.8	28.3

2408 3 a.m.

S ¼ of Del Monte

El	5.5	28.6
bl	5.6	28.5
y	5.6	28.5
b	5.5	28.6
y	5.6	28.5
bl	5.4	28.7
Wl	5.5	28.6

S bl Del Monte

Wl	5.8	28.3
bl	5.5	28.6
y	5.6	28.5
b	5.5	28.6
y	5.0	28.8
bl	5.1	29.0
El	5.2	28.9

34.08

50 S of Del Monte

Es	4.9	29.2
bb	4.5	29.6
"	5.2	28.9
b	5.4	28.7
y	5.5	28.6
bb	5.4	28.7
Ws	5.7	28.4

50 S of Del Monte

Ws	5.0	29.1
bb	4.8	29.3
y	4.9	29.2
b	4.9	29.2
y	4.6	29.5
bb	4.4	29.7
Es	4.8	29.3

34.08 3 a 2t

100 S of Del Monte

Es	4.6	29.5
bb	4.2	29.9
y	4.5	29.6
b	4.7	29.4
y	4.4	29.7
bb	4.7	29.4
Ws	4.9	29.2

150 S of Del Monte

Ws	4.8	29.3
bb	4.8	29.3
y	4.6	29.5
b	4.5	29.6
y	4.3	29.8
bb	4.3	29.8
Es	4.2	29.9

34.08

	200'	S of	Del Monte	
El			3.7	30.4
bl			3.3	30.8
4			4.3	29.8
b			4.7	29.4
4			4.5	29.6
bl			4.5	29.6
Wl			4.5	29.6
	250'	S of	Del Monte	
Wl			5.3	28.8
bl			5.1	29.0
1/4			5.0	29.1
b			5.0	29.1
1/4			4.7	29.4
bl.			4.5	29.9
W.			4.1	30.0

POSTED

34.08

	300'	S of = N of Santa Cruz			(80')
El			4.5	29.6	
bl			4.6	29.5	
4			4.2	29.9	
b			4.8	29.3	
4			5.2	28.9	
bl			5.3	28.8	
Wl			5.8	28.3	
TP	350	32.54	50.4	29.04	58.54 Santa Cruz
	S of Santa Cruz				
Wl			4.8	27.6	
bl			4.0	28.5	
4			4.1	28.4	
b			4.4	28.1	
4			4.2	28.3	
bl			3.8	28.7	
El			3.6	28.9	

32.54

50' S of Santa Cruz

El	4.0	28.5
bl	3.8	28.7
y	4.0	28.5
b	4.7	27.8
y	5.4	27.1
bl	5.0	27.5
Wl	5.4	27.1

100' S of Santa Cruz

Wl	5.3	27.2
bl	4.9	27.6
y	4.5	28.0
b	4.6	27.9
y	4.5	28.0
bl	4.5	28.0
El	4.5	28.0

32.54 3d St

150' S of Santa Cruz

El	4.0	28.5
bl	3.9	28.6
y	4.7	27.8
b	5.1	27.4
y	5.2	27.3
bl	5.4	27.1
Wl	5.0	27.5

200' S of Santa Cruz

Wl	5.2	27.3
bl	5.1	27.4
y	5.2	27.3
b	5.1	27.4
y	4.7	27.8
bl	3.7	28.8
El	3.7	28.8

		32.54			
	250'	S of	Santa	Cruz	
El			4.4	28.1	
bl			4.6	27.9	
y			4.7	27.8	
b			4.4	28.1	
y			4.1	28.4	
bl			4.1	28.4	
Wh			4.4	28.1	
TP	7.80	36.45	3.90	28.64	mw of Pacific
	300'	S of = N of Pacific (84')			
Wh			7.8	28.7	
bl			7.7	28.8	
y			8.2	28.3	
b			8.2	28.3	
y			8.3	28.2	
bl			8.2	28.3	
El			8.2	28.3	

		36.45		3d st	
	N-bl	of	Pacific		
El			7.9	28.6	
bl			8.0	28.5	
y			8.3	28.2	
b			8.2	28.3	
y			8.1	28.4	
bl			7.7	28.8	
Wh			7.2	29.3	
	N'y	of	Pacific		
Wh			8.2	28.3	
bl			8.2	28.3	
y			8.2	28.3	
b			8.3	28.2	
y			8.5	28.0	
bl			8.4	28.1	
El			8.3	28.2	

3645

Center of Pacific

El	8.0	28.5
bl	7.8	28.7
y	7.7	28.8
b	7.6	28.9
y	7.6	28.9
bl	7.5	29.0
Wl	7.5	29.0

S 1/4 of Pacific

Wl	8.1	28.4
bl	8.2	28.3
y	7.8	28.7
b	8.0	28.5
y	8.1	28.4
bl	8.2	28.3
El	8.3	28.2

3645 East

Slt of Pacific

El	7.8	28.7
bl	7.8	28.7
y	8.0	28.5
b	7.8	28.7
y	7.7	28.8
bl	7.5	29.0
Wl	7.5	29.0

S L of Pacific

Wl	7.5	29.0
bl	7.5	29.0
y	7.5	29.0
b	7.6	28.9
y	7.5	29.0
bl	7.4	29.1
El.	7.7	28.8

3645 6

50' Sch Pacific

El	6,9	29.6
bl	6,9	29,6
y	6,9	29,6
b	7,0	29.5
y	7,0	29.5
bl	6,7	29,8
Wl	6,6	29.9

100' Sch Pacific

Wl	6,3	30.2
bl	6,3	30,2
y	6,3	30,2
b	6,3	30.2
y	6,3	30,2
bl	6,3	30.2
El	6,2	30.3

3645 Idst

150' Sch Pacific

El	5,5	31.0
bl	5,6	30.9
y	5,6	30,9
b	5,5	31.0
y	5,5	31,0
bl	5,4	31,1
Wl	5,5	31.0

200' Sch Pacific

Wl	4,8	31.7
bl	4,8	31,7
y	4,8	31,7
b	4,8	31.7
y	4,7	31,8
bl	4,7	31,8
El	4,7	31.8

	3250	3645	Pacific		
EL			42	32.3	
bl			41	32.4	
y			39	32.6	
b			44	32.1	
y			42	32.3	
bl			41	32.4	
WL			42	32.3	
T	574	3838	381	32.64	NW 4 S a Del Mar
	300	S =	N'ly	Del Mar	(80)
WL			57	32.7	
bl			57	32.7	
y			57	32.7	
b			58	32.6	
y			55	32.9	
bl			55	32.9	
EL			55	329	

POSTED

		3838		3221	
	N bl of Del Mar				
EL			55	32.9	
bl			50	33.4	
y			54	33.0	
b			56	32.8	
y			55	32.9	
bl			54	32.9	
WL			54	33.0	
	N'ly of Del Mar				
WL			53	33.1	
bl			53	33.1	
y			54	33.0	
b			55	32.9	
y			54	33.0	
bl			53	33.1	
EL			53	33.1	

3838

Center of Del mar

El	5.1	33.3
bl	4.9	33.5
y	5.1	33.3
b	5.3	33.1
y	5.1	33.3
bl	5.0	33.4
Wh	5.0	33.4

S 1/4 of Del Mar

Wh	4.5	33.9
bl	4.7	33.7
y	4.8	33.6
b	5.0	33.4
y	5.0	33.4
bl	5.0	33.4
El	5.0	33.4

3838 Sdw

S bl of Del Mar

El	4.7	33.7
bl	4.6	33.8
y	4.4	34.0
b	4.6	33.8
y	4.7	33.7
bl	4.4	34.0
Wh	4.2	34.2

S 2 of Del Mar

Wh	3.8	34.6
bl	3.9	34.5
y	4.0	34.4
b	4.5	33.9
y	4.4	34.0
bl	4.3	34.1
El	4.6	33.8

	8.44	41.09		32.65	n w 1a 3 Del Mar
	50'	S of	Del Mar		
Wh			5.0	36.1	
bl			5.1	36.0	
"			5.5	35.6	
b			6.1	35.0	
"			6.0	35.1	
bl			6.2	34.9	
Eh			6.4	34.7	
	100'	S of	Del Mar		
Eh			4.8	36.3	
bl			4.8	36.3	
"			4.6	36.5	
b			4.4	36.7	
"			4.0	37.1	
bl			3.3	37.8	
Wh			3.1	38.0	

41.09

	150'	S of	Del Mar		
Wh			1.4	39.7	
bl			1.7	39.4	
"			2.0	39.1	
b			2.7	38.4	
"			2.8	38.3	
bl			3.0	38.1	
Eh			3.3	37.8	
TP	67.4	44.48	3.35	37.74	
	200'	S of	Del Mar		
Eh			5.1	39.4	
bl			4.8	39.7	
"			4.6	39.9	
b			4.4	40.1	
"			3.9	40.5	
bl			3.4	41.1	
Wh			2.7	41.8	

44.48

250' S of Del Mar

W2	1.5	43.0
bl	1.9	42.6
"	2.7	41.8
b	3.3	41.2
"	3.8	40.8
bl	4.0	40.5
E2	4.6	39.9

300' S = n l Orchard (86')

E2	5.2	38.9
bl	5.3	39.2
"	4.8	39.7
b	4.1	40.4
"	3.4	41.1
bl	2.6	41.9
W2	2.1	42.4

4448

n bl of Orchard

W2	2.6	41.9
bl	3.3	41.2
"	3.7	40.8
b	4.8	39.8
"	5.3	39.2
bl	5.6	38.9
E2	6.3	38.2

n ½ of Orchard

E2	6.8	37.7
bl	6.1	38.4
"	5.8	38.7
b	5.0	39.5
"	4.4	40.1
bl	3.8	40.7
W2	3.1	41.4

4448

Center of Orchard

WL	3.8	40.7
bl	4.4	40.1
y	5.0	39.5
b	5.6	38.9
y	6.1	38.4
bl	6.8	37.7
EL	7.8	36.7

S ¼ of Orchard

EL	8.6	35.9
bl	7.7	36.8
y	6.7	37.8
b	5.9	38.6
y	5.3	39.2
bl	5.7	38.8
WL	4.2	40.3

4448

S bl of Orchard

WL	5.0	39.5
bl	5.6	38.9
y	6.5	38.0
b	7.2	37.3
y	7.8	36.7
bl	8.0	36.5
EL	9.2	35.3

S L of Orchard

EL	10.1	34.4
bl	9.6	34.9
y	9.1	35.4
b	8.3	36.2
y	7.7	36.8
bl	6.7	37.8
WL	6.1	38.4

4448

50' S of Orchard

W2	8,8	35.7
bl	9,4	35.1
y	10,2	34.3
b	11,2	33.3
y	11,5	33.0
bb	12.0	32.5
E2	12,8	31.7

100' S of Orchard

E2	13,9	30.6
bb	13,5	31.0
y	12,1	32.4
b	13,0	31.5
r	11,6	32.9
bl	10,6	33.9
W2	9.8	34.7

Street bends off into Orchard here

POSTED

Transection of Bermuda St (80')
Ocean to East Side

POSTED

820	2997		21.77		W of Russell St at Bermuda
340' W of		4th St	(Ocean Bank)		
N L		0.0	30.0		
bl		+4.0	30.4		
4		+0.0	30.6	Bank	
300' W of		4th St			
N L		3.60	26.4		
bl		3.0	27.0		
4		3.0	27.0		
b		2.8	27.2		
4		2.5	27.5		
bl		2.6	27.4	Bank	
275' W of		4th			
S L		4.0	26.0	Bank	

	2997				4th to 4th Ave
250' W of		4th St			
S L		6.4	23.6		
bl		6.5	23.5		
4		6.7	23.3		
b		6.7	23.3		
4		7.0	23.0		
bl		7.0	23.0		
N L		7.0	23.0		
200' W of		4th St			
N L		10.4	20.0		
bl		10.4	19.6		
4		10.4	19.6		
b		10.2	19.8		
4		10.0	20.0		
bl		9.8	20.2		
S L		9.6	20.4		

2997

	150' W of 4th st		
SL	10,6	19.4	
bl	10,6	19.4	
y	10,7	19.3	
b	10,7	19.3	
y	10,7	19.3	
bl	10,7	19.3	
RL	10,7	19.3	
	100' W of 4th st		
RL	10,7	19.3	
bl	10,7	19.3	
y	10,7	19.3	
b	10,7	19.3	
y	10,7	19.3	
bl	10,7	19.3	
SL	10,7	19.3	

2997 Bermuda st

	50' W of 4th st		
SL	10,7	19.3	
bl	10,8	19.2	
y	10,8	19.2	
b	11,0	19.0	
y	10,9	19.1	
bl	11,1	18.9	
RL	11,1	18.9	
645'	2800	2177	
		De Foe	
	W Line of 4th st	(60')	
RL	9,0	19.2	
bl	8,9	19.3	
y	9,0	19.2	
b	9,0	19.2	
y	9,0	19.2	
bl	9,0	19.2	
SL	9,0	19.2	

28.22

E line of 4th st (Before)

Sd	9.0	19.2
bl	9.0	19.2
4	9.0	19.2
b	9.0	19.2
4	9.0	19.2
bl	9.0	19.2
Nd	9.0	19.2

50' E of 4th st

Nd	8.3	19.9
bl	8.4	19.8
4	8.5	19.7
b	8.6	19.6
4	8.6	19.6
bl	8.8	19.4
Sd	8.8	19.4

28.22

100' E of 4th st Before

Sd	6.7	21.5
bl	6.5	21.7
4	6.5	21.7
b	6.7	21.5
4	6.8	21.4
bl	7.0	21.2
Nd	7.0	21.2

150' E of 4th st

Nd	5.4	22.8
bl	5.3	22.9
4	5.3	22.9
b	5.1	23.1
4	4.5	23.7
bl	4.2	24.0
Sd	4.3	23.9

for 20' sidewalks 28.22

To interpolate - new curb is half way between old curb and quarter

To interpolate - New ¼ is one fourth of distance from ¼ to center

200	Eof	4 ft	st	Defpe
Sd		2.3		25.9
bl		2.4		~~25.8~~ 25.9 at 20' curb
¼		2.2		~~26.0~~ 25.8 at new ¼
c		3.0		~~25.2~~ 25.2 at new ¼
"		3.0		25.2 25.0 at 20 curb
bl		3.3		24.9
Sd		4.1		24.1

250'	Eof	4 ft	st
Nd		2.4	25.8
bl		2.3	~~25.9~~ 26.0
¼		2.0	~~26.2~~ 26.4
c		1.4	26.8
T.P	10.86	37.56	1.2 26.70
¼		10.3	27.1 ~~27.3~~
bl		10.0	27.5 ~~27.6~~
Sd		10.0	27.6

37.56

Bermuda St

300'	Eof	4 ft	st	Defpe
Sd		8.5		29.1
bl		8.2		~~29.4~~ 29.1
¼		7.7		~~29.9~~ 29.1
c		8.4		29.2
¼		8.3		29.3
bl		8.5		29.2 ~~29.1~~
Nd		8.3		29.3

350'	Eof	4 ft	st
Nd		5.6	32.0
bl		5.9	~~31.7~~ 32.0
¼		5.0	~~32.3~~ 32.1
c		6.0	31.6
¼		6.2	31.4
bl		6.7	31.1 ~~30.9~~
Sd		7.3	30.3

37.56

	400'	E of	4it	2t Defoe
Sh			4.7	32.9
bl			4.3	~~33.3~~ 33.5
1/4			4.0	~~33.6~~ 33.7
b			3.5	34.1
1/4			3.3	34.3
bl			3.4	34.2
Rh			3.8	33.8
	450'	E of	4it	2t
Rh			2.1	35.5
bl			2.1	~~35.5~~ 35.7
1/4			1.7	35.9
b			1.5	36.1
1/4			1.3	36.3
				36.0
bl			1.9	~~35.7~~
Sh			2.4	35.2
TP	10.15	45.66	2.05	35.51

45.66 Bermuda 5t

	500'	E of	4it	2t Defoe
Sh			8.3	37.4
bl			7.7	~~38.0~~ 38.2
1/4			7.3	38.4
b			7.4	38.3
1/4			7.6	38.1
bl			7.9	37.9 ~~37.8~~
Rh			7.9	37.8
	550	E of	4it	2t
Rh			5.2	40.5
bl			5.1	~~40.6~~ 40.7
1/4			4.8	40.8
b			4.8	40.9
1/4			5.0	40.7
				40.2
bl			6.0	~~39.7~~
Sh			6.4	39.3

45.66

Ebers

600' ℄ = W L 5th st (60')

S L			3,7	42.0	
bl			3,2	~~42.5~~ 42.7	
y			2,8	~~42.9~~ 43.0	
b			2,4	43.3	
y			1,9	43.7 ~~43.8~~	
bl			2,0	~~43.7~~ 43.6	
n L			2,2	43.5	
BM	12.46	55.95	2,1	43.49	nw st Bermuda

55.95

Bermuda st

Ebers

E L of 5th st

n L	8,7	47.3	
bl	8,6	47.4	
y	9,4	46.6	
b	9,8	46.2	
y	10,5	45,5	
bl	11,0	45.0	
S L	11,8	44.2	

50' E of 5th st

S L	8,6	47.4
bl	8,5	47.5
y	8,5	47.5
b	8,2	47.8
y	8,0	48.0
bl	7,4	48.6
n L	7,0	49.0

5595

	100'	E of	Ebers 5th st	
h2			5.0	51.0
bl			5.3	50.7
y			5.2	50.8
b			5.5	50.5
y			5.8	50.2
bl			6.0	50.0
S2			6.2	49.8
	150'	E of	5th st	
S2			2.7	53.3
bl			3.2	52.8
y			3.5	52.5
b			3.5	52.5
y			3.1	52.9
bl			2.7	53.3
h2			2.1	53.9
TP	12.60	6809	0.46	55.49

6809 Bermuda st

	200'	E of	Ebers 5th st	
h2			10.6	57.5
bl			11.2	56.9
y			11.6	56.5
b			11.9	56.2
y			11.6	56.5
bl			11.4	56.7
S2			11.2	56.9
	250'	E of	5th st	
S2			8.2	59.9
bl			8.2	59.9
y			9.1	59.0
b			9.1	59.0
y			8.9	59.2
bl			8.7	59.4
h2			8.4	59.7

68.09

Ebers

	300'	E of	5-ft	ft
nl			6.5	61.6
bl			6.6	61.5
y			6.3	61.8
b			6.6	61.5
y			5.4	62.7
bl			5.0	63.1
sl			4.9	63.2
	350'	E of	5-ft	ft
sl			2.6	65.5
bl			2.8	65.3
y			3.4	64.7
b			3.8	64.3
y			3.8	64.3
bl			3.5	64.6
nl			3.4	64.7
TP	11.96	79.01	10.4	67.05

79.01

Bermuda st

Ebers

	400'	E of	5-ft	ft
nl			11.7	67.3
bl			11.6	67.4
y			11.4	67.6
b			11.8	67.2
y			11.0	68.0
bl			10.7	68.3
sl			10.5	68.5
	450'	E of	5-ft	ft
sl			8.5	70.5
bl			8.2	70.8
y			8.1	70.9
b			8.2	70.8
y			8.1	70.9
bl			7.9	71.1
nl			8.0	71.0

7901

Elbow

	500'	℄ of	5th	st
hl			4.9	74.1
bl			4.8	74.2
4			5.1	73.9
b			5.5	73.5
4			5.2	72.8
bl			5.4	72.6
sl			6.1	72.9
	550'	℄ of	5th	st
sl			3.6	75.4
bl			3.0	76.0
4			2.3	76.7
b			2.3	76.7
4			2.2	76.8
bl			1.8	77.2
nl			1.5	77.5
TP	11.90	8977	1.14	

8977

Bermuda st

	600'	℄ = nl	FROUDE 6th st		(60') nw pt 6 4 Bermuda
nl			9.00	80.77	
bl			9.5	80.3	
4			9.8	80.0	
b			10.5	79.3	
4			10.9	78.9	
bl			10.8	79.0	
sl			11.4	78.4	
	8l of		6th st	(Froude)	
sl			7.9	81.9	
bl			7.4	82.4	
4			6.9	82.9	
b			7.0	82.8	
4			6.2	83.6	
bl			5.7	84.1	
nl			5.7	84.1	

		89.77		
	50'	E of	6th	
Nl			1.8	88.0
bl			1.9	87.9
4			2.2	87.6
b			2.8	87.0
4			3.4	86.4
bl			4.0	85.8
Sl			4.8	85.0
TP	9.94	98.71	1.00	88.77
	100'	E of	6th	st
Sl			10.5	88.2
bl			9.7	89.0
4			9.3	89.4
b			9.3	89.4
4			8.5	90.5
bl			7.4	91.3
Nl			7.1	91.6

		98.71		Bermuda st
	150'	E. of	6th	st
Nl			4.5	94.2
bl			4.6	94.1
4			4.7	94.0
b			5.0	93.7
4			5.9	92.8
bl			6.3	92.2
Sl			7.3	91.4
	200'	E of	6th	st
Sl			4.8	93.9
bl			4.6	94.1
4			3.8	94.9
b			2.8	95.9
4			2.3	96.4
bl			1.7	97.0
Nl			1.1	97.6
TP	9.63	106.89	1.45	97.26

10689

	250' E of	6ft st	Froude
N2		6.0	100.9
bb		6.5	100.4
4		7.5	99.4
b		8.4	98.5
4		9.5	97.4
bb		9.8	97.1
S2		10.8	96.1
	300' E of	6ft	
S2		9.5	97.4
bb		8.1	98.8
4		7.0	99.9
b		5.7	101.2
4		4.7	102.2
bb		4.5	102.4
N2		3.7	103.2
BM		2.62	104.27

POSTED

10689

	3.22' E of	6.26 st	(Froude)
N2		2.6	104.3
bb		3.4	103.5
4		4.2	102.7
b		5.3	101.6
4		7.4	99.5
bb		7.2	99.7
S2 (= 318' E of 6ft st)		8.7	98.2
	10.09	114.36	104.27
	11.15	122.27	111.12
	5.22	126.33	121.11
		12.4	125.09

Bermuda st Joges 4.4 to the South at the Bulkh line.

	350'	E of	bit at	Froude
	12.82	117.09		104.27
SL			12.80	104.3
bl			13.6	103.5
"			14.6	107.5
S			15.3	102.8
"			16.0	101.1
bl			15.8	101.3
SL			17.0	100.1
	400'	E of	bit at	
SL			12.0	105.1
bl			11.3	105.8
"			9.6	107.5
b			9.3	108.0
"			8.1	109.0
bl			7.3	109.8
SL			6.0	111.1

Bermuda 22

		117.09		
	450'	E of	bit	Froude
SL			~~10.4~~	117.5
bl			0.0	117.1
"			0.5	116.6
b			2.6	114.5
"			3.0	114.1
bl			4.7	112.4
SL		128.5	6.0	111.1
TP	11.80	12853	0.36	116.20
	500'	E of	bit at	
SL			10.8	117.7
bl			10.7	117.8
"			7.7	120.8
b			6.2	122.3
"			6.2	122.3
bl			4.0	124.5
SL			3.0	125.5
TP	12.10	138.28	2.55	126.18

13828
13878

[illegible]	550'	2 of	6th st	Froude
N.L.			5.0	133.0
b			6.5	131.8
4			8.4	129.9
+5'			9.4	
b			8.6	129.7
4			11.2	127.1
bl			13.2	125.1
S.L.			14.5	123.8
	600'	℄ =	W L of	GUIZOT 7th st (60')
S.L.			8.2	130.1
b			7.9	130.4
+7'			8.0	130.3
4			6.2	132.1
b			4.2	134.1
1/4			3.9	134.4
bl.			1.8	134.5
N.L.			0.6	137.7
TP	970'	14745	0.50	137.75

14745

Bermuda st

	W lb of	7th st	Guizot	
N.L.		8.6	138.9	
b		9.7	137.8	
+5'		11.7	135.8	
4		11.7	135.8	
b		12.8	134.7	
4		15.2	132.3	
bl		15.0	132.5	
S.L.		15.4	132.1	
	W 1/4 of	7th st		
S.L.		14.2	133.3	
bl		14.0	133.5	
4		13.8	133.7	
b		11.4	136.1	
4		10.9	136.6	
+8'		10.4	137.1	
bl		9.0	138.5	
N.L.		7.6	139.9	

14745

	Center of	7th	Gurgot
h L		6.3	141.2
bl		8.5	39.0
y		9.2	38.3
b		10.0	137.5
+6'		11.7	35.8
y		11.3	36.2
		+	
bl		12.5	35.2
S L		12.6	134.9
	E'n of	7th	Gurgot
S L		11.1	136.4
bl		11.1	36.4
y		10.7	37.1
b		9.8	137.7
y		8.6	38.9
bl		6.6	40.9
+4'		7.1	140.4
h L		5.9	141.6

14745-

Bermuda

	E bl of	7th	Gurgot
h L		5.2	142.3
bl		4.8	42.7
y		6.2	41.3
b		6.7	140.8
y		8.2	38.3
bl		9.4	38.1
S L		8.8	138.7
	E L of	7th	Gurgot
S L		6.6	140.9
bl		7.0	40.5
y		7.5	40.0
b		5.8	141.7
y		5.5	42.0
bl		4.4	43.1
h L		3.5	144.0

		14745		
	25'	Eof	7th at	Guizot
hl			0.0	147.5
	+7'		2.0	45.5
bl			0.4	47.1
y			0.5	49.0
b			1.6	145.9
	+5'		3.0	44.5
y			3.5	46.0
bl			2.0	45.5
SL			1.7	145.8
TP	1244	15841	1.48	145.94
	50'	Eof	7th at	
SL			8.6	149.8
bl			8.0	50.4
y			8.0	50.4
b			7.6	150.8
y			7.4	51.0
bl			7.0	51.4
hl			7.3	151.1

		15841		Bermudu
	75'	Eof	7th at	Guizot
hl			5.5	154.9
bl			5.8	54.6
y			5.3	55.1
b			5.7	154.7
y			4.5	53.9
bl			5.0	53.4
SL			5.8	152.6
	100'	Eof 11	7th	Guizot
SL			3.6	154.8
bl			2.6	55.8
y			1.4	57.0
b			1.0	1574
TP	1256	16984	11.3	157.28
y			11.1	158.7
bl			10.8	59.0
hl			10.9	158.9

16.984

	150'	Eof	Zeit	Geschw.
hl			5,0	164.8
bl			5,8	44.0
y			7,0	43.8
b			8,1	161.7
y			9,1	40.7
bl			10,3	59.5
sl			11,8	158.0
	200'	Eof	Zeit	Geschw.
sl			8,8	161.0
bl			7,7	43.1
y			6,4	43.4
b			5,5	164.3
y			4,0	45.8
bl			2,8	47.0
hl			1,5	168.3
TP	11,35	180.34	0.85	168.99

180.34 Bermudas

	250'	Eof	Zeit	Geschw.
hl			9,3	171.0
bl			10,6	69.7
y			11,6	68.7
b			12,7	167.6
y			14,0	66.5
bl			15,5	65.0
sl			16,8	163.5
	300'	Eof	Zeit	
sl			12,7	167.6
bl			11,8	68.5
y			11,0	69.3
b			9,8	170.5
y			7,8	173.5
bl			7,6	172.7
hl			6,7	173.6

180.34

	350'	E of	Tit	Guizot
Sh			3.6	176.7
bl			4.4	75.9
"			5.2	75.1
b			6.3	174.0
"			7.1	73.2
bl			8.2	72.1
Sh			9.2	171.1
	400'	E of	Tit	
Sh			4.0	176.3
bl			2.5	77.8
"			1.9	78.4
b			1.0	179.3
TP	12.64	192.96	0.02	180.32
"			13.2	79.8
bl			12.7	80.3
Sh			12.2	180.8

192.56 Bowman st

	450'	E of	Tit	Guizot
Sh			6.4	186.6
bl			6.3	86.7
"			6.8	86.3
b			7.4	185.6
"			8.6	84.4
bl			9.3	83.7
Sh			11.0	182.0
	500'	E of	Tit	
Sh			5.0	188.0
bl			0.8	89.2
'/4			2.8	90.5
bl			1.4	191.6
'/4			0.8	92.2
bl			0.1	92.9
Ms			0.0	193.0
TP	12.93	204.96	0.93	192.03

20496

	550' E of		Int	Height
Ts			5.7	199.3
tl			6.3	198.7
4			7.6	197.4
S			8.7	196.3
"			9.9	195.1
bl			10.1	194.9
SL			11.4	193.6
	600' E = W L of			Int Santa Barbara
SL			5.2	199.8
Gr.			4.0	201.0
1/4	POSTED		3.0	202.0
br			2.0	203.0
1/4			1.0	204.0
bl			0.4	204.6
Ns			0.0	205.0
TP	554	20984	0.66	204.30
	855	21777	0.90	208.94
			3.80	213.87	Return

Crossing of Pescadero St (80')
Ocean to S line of Ocean Beach

9.0 r	38.29		29.27	nw 1st 4th & Pescadero

W line of 4th St (De Foe)

nl	9.0	29.3
bl	8.5	29.8
4	8.2	POSTED 30.1
b	8.0	30.3
4	7.6	30.7
bl	7.7	30.6
sl	7.8	30.5

50' W of 4th St

sl	6.0	32.3
bl	6.0	32.3
4	6.0	32.3
b	6.3	32.0
4	6.5	31.8
bl	6.9	31.4
nl	7.2	31.1

100' W of 4th St

nl	5.4	32.9
bl	5.3	33.0
4	5.2	33.1
b	4.9	33.4
4	4.5	33.8
bl	4.7	33.6
sl	4.7	33.6

150' W of 4th St

sl	4.3	34.0
bl	4.0	34.3
4	3.7	34.6
b	3.9	34.4
4	4.0	34.0
bl	4.4	33.9
nl	4.6	33.7

3829

	200'	W of	yet	at
2L			4.4	33.9
bl			4.2	34.1
y			4.1	34.2
b			4.1	34.2
y			4.1	34.2
bl			4.1	34.2
5L			4.4	33.9
	250'	W of	yet	at
5L			5.2	33.1
bl			5.0	33.3
y			4.8	33.5
b			4.8	33.5
y			4.6	33.7
bl			5.0	33.3
2L			5.4	32.9

3829 Rescader at

50

	300'	W of	yet	at
2L			6.2	32.1
bl			6.2	32.1
y			6.1	32.2
b			6.1	32.2
y			5.7	32.6
bl			6.0	32.3
5L			6.3	32.0
	350'	W	of	yet at
5L			6.7	31.6
bl			6.7	31.6
y			6.5	31.8
b			6.7	31.6
y			6.7	31.6
bl			7.1	31.2
2L			7.2	31.1
TP	605	37+10	6.94	31.35

37.40

400' W of git st

nl	7.2	30.2
bl	6.9	30.5
y	6.5	30.9
b	6.5	30.9
y	6.1	31.3
bl	5.7	31.7
sl	5.7	31.7

450' W of git st

sl	4.6	32.8
bl	5.0	32.4
y	5.4	32.0
b	5.6	31.8
y	6.1	31.3
bl	6.7	30.4
nl	7.2	30.2

37.40 Rescoduro

500' W of git

nl	6.2	31.2
bl	5.5	32.1
y	5.5	32.1
b	4.1	33.3
y	3.6	33.8
bl	4.1	33.3
sl	2.3	35.1

540' W of git st = Ocean Bank - sl

sl	1.8	35.6
bl	2.2	35.2
y	2.6	34.7
b	3.5	33.9
y	3.9	33.5
bl	4.7	32.7
nl	5.1	32.3

		37.40			
	5-60'	W of	4 ft	ft	
nl			4.1	33.3	
bl			3.6	33.8	
y			2.7	34.7	
b = Bank			1.5	35.9	
	60'	W of	Ulpac 4 ft	ft = (Est of 30 ac Ocean Bch R	
nl			2.0	35.4	
bl			1.6	35.8	
y. Bank			1.4	36.0	

			Passaden ft		
			(De Foe)		
00	E line of		4 ft ft	(60	52
	30	32.27		29.27	Passaden
nl			4.9	27.4	
bl			4.7	27.6	
y			4.7	27.6	
l			4.6	27.7	
y			4.3	28.0	
bl			3.9	28.4	
sl			4.0	28.3	
0+50	50	E of	4 ft	ft	
sl			6.0	26.3	
bl			5.8	26.5	
y			6.2	26.1	
l			6.5	25.8	
y.			6.6	25.7	
bl			6.5	25.8	
nl			6.8	25.5	

32.27

1100	100'	E of	4 ft	v
R2			6.8	25.5
b			6.9	25.4
y			7.0	25.3
b			7.1	25.2
y			7.2	25.1
bl			7.3	25.0
S2			7.4	24.9
1150	150'	E of	4 ft	v
S2			7.1	24.2
bl			7.0	25.3
y			6.8	25.5
b			6.8	25.5
y			6.6	25.7
bl			6.4	25.9
R2			6.3	26.0

32.27 Pescadero st

2100	200'	E of	4 ft	v
R2			5.4	26.9
bl			5.5	26.8
y			5.7	26.6
b			5.9	26.4
y			6.0	26.3
bl			6.0	26.3
S2			6.3	26.0
2150	250'	E of	4 ft	v
S2			4.7	27.6
bl			4.7	27.6
y			4.4	27.9
b			4.1	28.2
y			3.7	28.6
bl			3.6	28.7
R2			3.5	28.8
TP	11.88	41.11	3.04	29.20

POSTED

41.11

3+00	300'	Eq	4ft	st
nl			10.0	31.1
bl			10.0	31.1
y			10.1	31.0
b			10.1	31.0
y			10.0	31.1
bl			10.0	31.1
Sl			9.5	31.6
3+50	350'	Eq	4ft	st
Sl			6.3	34.8
bl			6.6	34.5
y			6.7	34.4
b			7.1	34.0
y			7.1	34.0
bl			6.9	34.2
nl			6.7	34.4

41.11 Pescadero st

4+00	400'	Eq	4ft	st
nl			3.4	37.7
bl			3.6	37.5
y			3.9	37.2
b			4.5	36.6
y			4.5	36.6
bl			4.3	36.8
Sl			3.9	37.2
4+50	450'	Eq	4ft	st
Sl			1.4	39.7
bl			1.3	39.8
y			1.0	40.1
b			1.0	40.1
bl			0.5	40.6
TP	1242	5293	0.60	40.57
bl			1.2	40.9
nl			1.1.8	41.1

5293

5+00	500'	E of	4 ft	at
m			8.6	44.3
b			8.8	44.1
y			8.9	44.0
b			9.0	43.9
y			8.5	44.4
b			8.6	44.3
s			8.9	44.0
5+50	550'	E of	4 ft	at
s			4.2	48.7
b			4.7	48.2
y			5.0	47.9
b			5.3	47.6
y			5.0	47.9
b			4.7	48.2
n			4.4	48.3
TP	1259	6514	0.30	52.59

6518

Recorded at (Ebers)

6+00	600' E = W.L. of		5 ft.	at (6.0)
m			12.6	52.6
b			12.7	52.5
y			13.2	52.0
b			13.1	52.1
y			12.8	52.4
b			12.7	52.5
s			12.5	52.7
6+60	E line of		5 ft.	at
s			8.0	57.2
b			7.9	57.3
y			7.5	57.7
b			7.6	57.6
y			7.4	57.8
b			7.3	57.9
n			7.8	57.4

POSTED

65.18

7+10	50'	Eq	5 ft	ft
nl			2.9	62.3
bl			3.3	61.9
y			3.5	61.7
b			3.6	61.6
y			4.3	60.9
bl			4.7	60.5
Sl			5.1	59.1
TP	11.95	76.15	0.98	64.20

7+60	100'	Eq	5 ft	ft
Sl			12.4	63.8
bl			12.5	63.7
y			12.3	63.9
b			12.2	64.0
y			11.7	64.5
bl			11.3	64.9
nl			10.2	66.0

76.15

Pescadero St

8+10	150'	Eq	5 ft	ft
nl			8.0	68.2
bl			8.4	67.8
y			8.4	67.8
b			8.0	67.2
y			8.1	68.1
bl			8.5	67.7
Sl			8.4	67.8

8+60	200'	Eq	5 ft	ft
Sl			4.7	71.5
bl			4.6	71.6
y			4.6	71.6
b			4.6	71.6
y			4.4	71.8
bl			3.9	72.3
nl			3.3	72.9
TP	7.33	80.48	3.00	77.15

8048

9+10	250'	E of	S-ch	st
N2			4.0	76.5
bl			4.1	76.4
4			4.4	76.1
b			5.7	74.8
4			6.4	73.9
bl			8.0	72.5
S2			8.4	72.1
9+60	300'	E of	S-ch	st
S2			7.7	72.8
bl			6.7	73.8
4			6.0	74.5
b			4.8	75.7
4			3.4	77.1
bl			2.6	77.9
N2			1.0	79.5

8048 Pescadero

10+10	350'	E of	S-ch	st
N2			+0.4	80.9
bl			0.7	79.8
4			2.0	78.5
b			2.9	77.6
4			3.5	77.0
bl			4.1	76.4
S2			4.9	76.6
TP	12.88	91.97	13.9	79.19
10+60	400'	E of	S-ch	st
S2			13.2	78.8
bl			12.7	79.3
4			11.8	80.2
b			11.1	80.9
4			10.3	81.7
bl			9.2	82.8
N2			8.1	83.9

		91.97			
11+10	450	E of	5-it	st	
hl			4.8	87.2	
ll			5.6	86.4	
y			6.7	85.3	
b			7.6	84.4	
y			8.5	83.5	
bl			9.3	82.7	
Sl			9.7	82.3	
11+60	500'	E of	5-it	st	
Sl			6.3	85.7	
ll			5.6	86.6	
y			5.1	86.9	
b			4.8	87.2	
y			3.6	88.4	
bl			2.7	89.3	
hl			2.3	89.7	
TP	10.08	101.19	0.86	91.11	

		101.19		Pesadero st	
12+10	550'	E of	5-it	st	
hl			8.1	93.1	
ll			9.0	92.2	
y			9.7	91.5	
b			10.6	90.6	
y			11.0	90.2	
bl			11.0	89.9	
Sl			11.4	89.8	SW ⊥ ca
BM			7.90	93.29	Pesadero
12+60	600' E	=	hl	6-it st	(60')
	(6th st in Grande St)				
Sl			8.0	93.2	
ll			8.1	93.1	
y			8.5	92.7	
b			8.5	92.9	
y			7.8	93.4	
bl			7.5	93.9	
hl			6.6	94.6	

		10119		
13+20	E d	of	bt	at (Froude)
N L			+0.2	101.4
bt			1.2	100.0
4			1.7	99.5
1			2.4	98.8
6			2.7	98.5
bt			3.1	98.1
S L			3.2	99.0
TP	12.40	110.44	3.15	98.04
13+70	50'	E of	bt	at
S L			8.6	101.8
bt			8.3	102.1
4			8.2	102.2
1			7.8	102.6
4			6.4	104.0
bt			5.3	105.1
N L			3.6	106.8

		110.44		Rescaled at
14+20	100'	E of	bt	at
N L			0.0	110.4
bt			1.6	108.8
4			2.6	107.8
1			3.4	107.0
4			4.3	106.1
bt			4.9	105.5
S L			5.2	105.2
TP	12.40	119.74	2.70	117.04
14+70	150'	E of	bt	at
S L			12.3	107.4
bt			11.7	108.0
4			10.8	108.9
1			9.6	110.1
4			8.8	110.9
bt			7.7	112.0
N L			6.7	113.0

POSTED

		119.74		
			Fronde	
15+20	200'	E of	bit st	
nl			4.6	115.1
bl			5.6	114.1
y			6.2	113.5
b			7.3	112.4
y			8.4	111.3
bl			9.2	110.5
sl			10.3	109.4
15+70	250'	E of	bit st	
sl			8.6	111.1
bl			7.4	112.3
y			7.0	112.7
b			6.2	113.5
y			4.9	114.8
bl			3.8	115.9
nl			2.8	116.9
T P	10.86	128.33	2.7	117.47

		128.33		
15+95	275'	E of	bit st	
nl			9.9	118.4
bl			11.1	117.2
y			12.1	116.2
b			13.2	115.1
y			14.0	114.3
bl			13.8	114.5
sl			12.4	115.9
16+20	300'	E of	bit st	
sl			8.1	120.2
bl			7.4	120.9
y			6.7	121.6
b			7.2	121.1
y			8.0	120.3
bl			9.0	119.3
nl			7.7	120.6

12833

16+51 — 332.1 on N. = 329.8 on S. average = 331.0

335 E of 6th a N. dir.

337.

N2	2.1	126.2	
b1	1.0	127.3	
y	1.3	127.0	
b	1.9	126.4	
y	2.7	125.9	
b1	3.1	125.2	
S2	3.5	124.8	

332.5 E of bm

334 Prescotters S.T. Jogs 4.6 to S. on to Pinch

TP	12.72	137.80	3.29	125.04

16+70	350'	E of	6th st	
S2			11.1	126.7
b1			10.4	127.4
y			9.6	128.2
b			8.8	129.0
y			7.9	129.9
b1			7.0	130.8
N2			7.5	130.3

137.80

16+95	375'	E of	6th st	
N2			2.4	135.4
b1			1.7	136.1
y			2.1	135.7
b			3.7	134.1
y			5.0	132.8
b1			6.4	131.4
S2			7.8	130.0

17+20	400'	E of	6th	
S2			4.7	133.1
b1			3.8	134.0
y			1.8	136.0
TP	12.96	149.73	1.03	136.77
b			11.9	137.8
y			10.8	138.9
b1			9.4	140.3
S2			9.0	140.7

		149.73		
17+70	450'	E of	Bk	
Nl			1.6	148.1
bk			1.3	148.4
✓			2.2	147.5
b			2.8	146.9
✓			4.7	145.0
bk			6.4	143.3
Sl			8.4	141.3
17+95	475'	E of	bk	
Sl			5.5	144.2
bk			3.3	146.4
✓			1.8	147.9
TP	11.90	160.62	1.01	148.72
b			11.2	149.4
✓			10.1	150.5
bk			9.2	151.4
Pl			8.4	152.2

		160.62		
18+20	520'	E of	bk	
Nl			4.2	156.4
b			5.2	155.4
✓			7.2	153.4
b			8.5	152.1
✓			10.3	150.3
bk			12.3	148.3
Sl			13.3	147.3
18+40	540'	E of	bk	
Sl			12.0	148.6
bk			10.4	150.2
✓			8.0	152.6
b			6.4	154.2
✓			4.5	156.1
b			3.8	156.8
Nl			3.2	157.4
			2.6	158.0

POSTED

1606

18+70	550'	E of	bk	
nk			+2.0	162.6
bk			2.4	158.2
ty			6.0	154.6
b			9.6	151.0
ty			11.4	149.2
bk			13.7	146.9
Sk			14.9	145.7
18+95	575'	E of	bk	st
nk			+3.0	163.6
bk			3.2	157.4
ty			7.0	153.6
b			10.0	150.6
ty			11.0	149.6
bk			12.4	148.2
Sk			12.2	148.4

POSTED

1606 Resodewalk

19+70	600'	E = W. L. of	7th st (Guizot)	
Sk			8.5	152.1
bk			9.4	151.2
ty			8.8	151.8
b			8.0	152.6
ty			7.4	153.2
bk			6.5	154.1
nk			5.0	155.6
	8 ft 2" w. about		2 ft.	El
	Next block up grade			

POSTED

Cross section of Reservoir at (80)
E Line of Guzzet to N L Santa Barbara

	1.40	179.25		177.85 (NE 1/4 Crepia Guzzet)
BM	4.98	172.40	11.83	167.42 (SE 1/4 Reservoir Guzzet)
19+80	E. Line of Guzzet			
N L			5.0	167.40
bl			5.0	167.40
4			5.0	167.40
6			6.4	166.0
4			7.8	164.6
bl			9.5	162.9
S L			12.3	160.1
20+05	25' E of Guzzet			
N L			1.0	171.4
bl			2.2	170.2
4			3.4	169.0
6			8.0	164.4
4			11.5	160.9

POSTED

17240 Reservoir

20+30	50' E of Guzzet			
N L			0.0	172.4
bl			1.1	171.3
4			3.0	169.4
6			8.0	164.4
4			13.0	159.4
20+55	75' E of Guzzet			
N L			1.0	171.4
bl			1.0	171.4
4			3.0	169.4
6			7.5	164.9
4			11.5	160.9
20+80	100' E of Guzzet			
N L			1.8	170.6
bl			1.0	171.4
4			4.8	167.6
6			9.0	163.4
4			11.3	161.1
TP	9.09	169.79	11.70	160.70

POSTED

		16979			
20+05	25'	E of	Guszot		
SL			13,5	156.3	
bb			12,2	157.6	
20+30	50'	E of	Guszot		
SL			14,0	155.8	
bb			12,3	157.5	
20+55	75'	E of	Guszot		
SL			12,6	157.2	
bb			11,8	158.0	
20+80	100'	E of	Guszot		
SL			9,7	160.1	
bb			10,0	159.8	
21+05	125'	E of	Guszot		
SL			6,5	163.3	
bb			7,3	162.5	
y			6,9	162.9	
b			6,2	163.6	
y			4,6	165.2	
bb			3,2	166.8	
nl			1,3	168.3	

		16979		Rescaden	
21+30	150'	E of	Guszot		
nl			1,2	168.6	
bb			3,2	166.6	
y			4,0	165.8	
b			4,4	165.4	
y			4,3	165.5	
bb			4,3	165.5	
SL			4,0	165.8	
TP	1043	169,67	0,55	169,24	
21+55	175'	E of	Guszot		
SL			7,0	172.7	
bb			9,8	169.9	
y			11,0	168.7	
b			10,8	168.9	
y			11,0	168.7	
bb			10,5	169,2	
nl			9,4	170.3	

		179.67			
21+80	200'	E of	Gurgot		
nl			6.3	173.4	
bh			6.3	173.4	
y			7.1	172.6	
b			7.4	172.3	
y			6.7	173.0	
bl			4.5	175.2	
sl			1.2	178.5	
TP	10.12	189.24	0.55	179.12	
22+05	225'	E of	Gurgot		
sl			4.4	184.8	
bl			8.0	181.2	
y			12.0	177.2	
b			12.0	177.2	
y			12.0	177.2	
bh			11.8	177.4	
nl			11.7	177.5	

		189.24		Pescadero	
22+30	250'	E of	Gurgot		
nl			9.0	180.2	
bh			8.6	180.6	
y			8.2	181.0	
b			7.5	181.7	
y			7.7	181.5	
bl			5.0	184.2	
sl			1.0	188.2	
TP	8.10	196.27	1.07	188.17	
22+55	275'	E of	Gurgot		
sl			0.6	195.7	
bl			6.8	189.5	
y			11.0	185.3	
b			11.2	185.1	
y			11.8	184.5	
bh			12.7	183.6	
nl			13.5	182.8	

POSTED

		196.27		
22+80	300'	E of	Gunzot	
NL			9.0	187.3
bl			8.2	188.1
y			8.2	188.1
b			6.5	189.8
4			2.5	193.8
23+05	325'	E of	Gunzot	
NL			5.3	191.0
bl			4.2	192.1
y			4.4	191.9
b			1.8	194.5
TP	12.52	207.47	1.32	194.95
22+80	300'	E of	Gunzot	
SL			7.0	200.5
bl			9.3	198.2
23+05	325'	E of	Gunzot	
SL			3.1	204.4
bl			5.2	202.3
y			8.0	199.5

		207.47		Pescadero
23+30	350'	E of	Gunzot	
SL			0.5	207.0
bl			0.0	207.5
y			2.8	204.7
b			4.7	202.8
y			8.5	199.0
bl			11.6	195.9
NL			14.0	193.5
23+55	375'	E of	Gunzot	
NL			10.6	196.9
bl			8.7	198.8
y			6.0	201.5
b			4.5	203.0
23+80	400'	E of	Gunzot	
NL			7.0	200.5
bl			5.5	202.0
y			3.0	204.5
TP	12.05	219.49	0.0	207.47

219.49

23+55	375'	E of	Guizot	
SL			10.7	208.8
bl			9.4	210.1
y			10.0	209.5
t.l.			13.5	206.0
23+80	400'	E of	Guizot	
SL			9.0	210.5
bl			7.7	211.8
y			9.7	209.8
b			12.0	206.5
24+05	425'	E of	Guizot	
SL			7.7	211.8
bl			6.5	213.0
y			9.6	209.9
b			11.0	208.5
y			14.0	205.5
bl			14.2	205.3
nL			14.4	205.1

219.49 Pocantico

24+30	450'	E of	Guizot	
nL			12.0	207.5
bl			11.0	208.5
y			11.0	208.5
b			8.4	211.1
y			5.0	214.5
bl			5.0	214.5
SL			6.3	213.2
24+55	475'	E of	Guizot	
SL			5.0	214.5
bl			3.8	215.7
y			3.0	216.5
b			4.0	215.5
bl			5.0	214.5
bl			6.8	212.7
nL			7.5	212.0

POSTED

		21.49			
24+80	500'	E of	Guzzet		
RL			3.0	216.5	
BL			2.8	216.7	
4			2.0	217.5	
6			0.8	218.7	
4			1.7	217.8	
BL			2.5	217.0	
SL			3.6	215.9	
TP	1.60	22.15	3.94	215.55	
25+05	3-25	E of	Guzzet		
RL			8.1	220.1	
25+30	3-50'	E of	Guzzet		
RL			1.4	226.8	
25+55	3-75'	E of	Guzzet		
RL			0.8	227.4	
TP	4.00	23.18	0.97		
25+80	600'	E = W	L of	Santa	Barbara
					N.W. 14
RL			1.68	229.50	Santa Barbara + Ventura

See Next Page

S

POSTED

12/23/13 Change Zeyla Zeff

X sec of Pisco dara St (80)

Santa Barbara West 150' 20 in ach

	3.40	21.77		21.37
	12.54	22.58	6.73	209.04
	9.39	22.92	1.05	220.53
25+50	W line of Santa Barbara			
S		Ground (6.6) Grade (5.4)		223.3
cb			4.7	225.2
1/4			4.8	225.1
b			3.7	226.2
1/4			3.0	226.9
cb		Ground (2.9) Grade (4.0)		227.0
n		Ground (0.4) Grade (4.0)		229.5

229.92

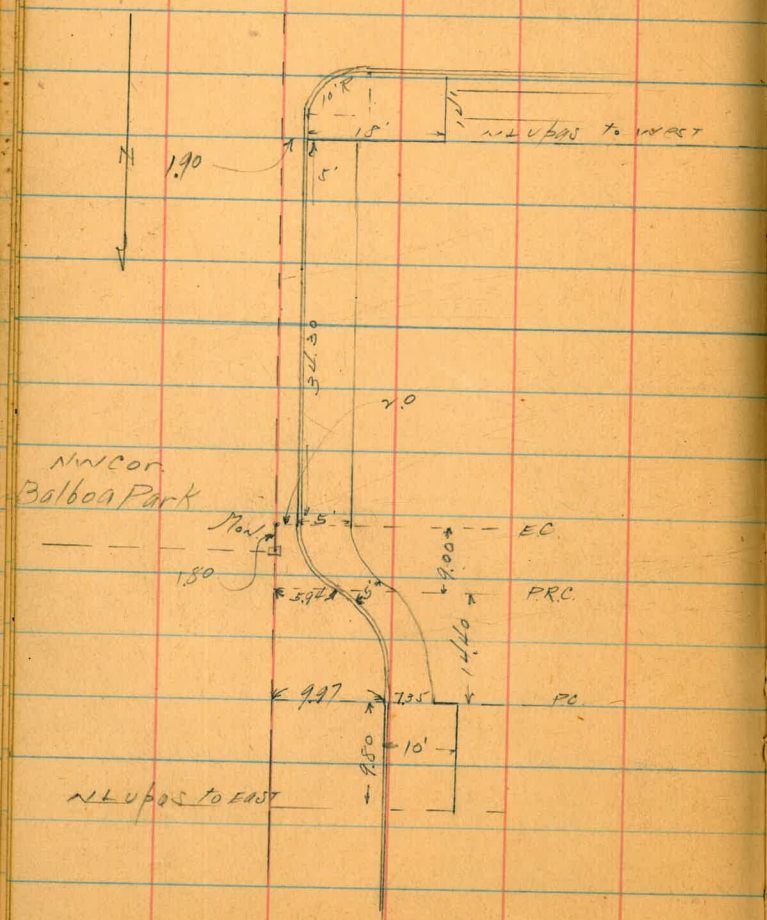
25+30	50' W of Santa Barbara				21.37 / 3.40 / 21.77 / 6.73 / 209.04 / 12.54 / 221.58 / 1.05 / 220.53 / 9.39 / 229.92 / 11.56 / 218.36 / 2.06 / 220.42
n			2.9	227.0	
			5.2	224.7	
			5.7	224.2	
b			6.3	223.6	
			7.3	222.6	
			8.3	221.6	
S			10.3	219.6	
TP	2.06	220.72	11.56	218.36	
24+80	100' W of Santa Barbara				
n			3.6	217.1	
			4.6	216.1	
			3.0	217.7	
b			1.9	218.8	
			2.2	218.5	
			3.0	217.7	
S			4.7	216.0	

220 22

	125' W of Santa Barbara		
S		6.2	214.5
		4.4	216.3
		3.7	217.0
b		4.7	216.0
		6.4	214.3
		7.6	213.1
R		8.4	212.3
	150' W of Santa Barbara		
S		7.3	213.4
		6.0	214.7
		6.3	214.4
b		9.7	211.0
		11.4	209.3
		12.3	208.4
R		12.9	207.8

Location of curb & Sidewalk
at NW Cor Balboa Park
6th & Ubas

Moore
11/26/46



Brighton
Cote May
Saratoga
Santa Monica
New Port
Magna
Narragansett
Del Monte
Santa Cruz
Pacific
Del Mar
Archena
Pasadena
Bermuda

2 Elves from 5th 60'
3 Fresno 6th 60'
5 Santa Barbara 60' St
1 De Voe from 4th 60' St
Bermuda 80' St
4 Guest 50' from 7th St

540
370

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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