317

400

LEVEL

F.B.317

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

317

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

MICROFILMED
DEC 7 1964

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

Crossection of Laurel (80')

W Line Union to E Line Columbia

1

	W Line of Union				
	431	120.57		116.26	BM bt Kol + [illegible]
SL			11	119.5	
bl			1.0	119.6	
"			1.2	119.4	
b			1.4	119.2	
"			2.0	118.6	
bl			3.1	117.5	
NL			4.6	116.0	
	25'	W of	Union		
NL			9.9	110.7	
bl			8.1	112.5	
"			7.1	113.5	
b			5.9	114.7	
"			5.4	115.2	
bl			5.1	115.5	
SL			4.7	116.3	

		12.07		
	50'	W of	Union	
SL			9.1	111.5
bb			9.2	111.4
"			9.9	110.7
b			10.4	110.2
"			11.7	108.9
bl			13.0	107.6
NL			15.3	105.3
TP	0.88	109.03	12.42	108.15
	75'	W of	Union	
NL			10.0	99.0
bb			8.1	100.9
"			6.2	102.8
b			5.2	103.8
"			4.4	104.6
bb			3.5	105.5
SL			2.7	106.3

		109.03		Sawed
	100'	W of	Union	
SL			7.1	101.9
bb			8.5	100.5
"			8.9	100.1
b			10.2	98.8
"			11.8	97.2
bl			13.3	95.7
NL			13.7	95.3
TP	0.77	98.20	11.60	97.43
	125'	W of	Union	
NL			9.1	89.1
bl			7.8	90.4
"			6.6	91.6
b			5.5	92.7
"			4.2	94.0
bl			2.8	95.4
SL			2.0	96.2

POSTED

		98.20			
	150	w of	Union		
SL			5.9	92.3	
bt			8.0	90.2	
"			8.5	89.7	
b			9.0	89.2	
"			10.5	87.7	
bt			12.2	87.0	
NL			12.8	85.4	
TP	0.53	88.35	10.38	87.82	
	157	w of	Union		
NL			5.4	83.0	
	158	w of	Union		
NL			8.0	80.4	

		88.35		Laurel	
	175'	w of	Union		
NL			8.8	79.6	
bt			8.3	80.1	
+8			7.7	80.7	
"			5.3	83.1	
b			2.7	85.7	
"			1.7	86.7	
bt			2.0	86.4	
SL			1.1	87.3	
	198'	w of	Union		(75')
SL			3.2	85.2	
bt	200'		4.9	83.5	
+6			5.2	83.2	
1/4			8.4	80.0	
	200	w of	Union = E Line	State St	(75')
SL			7.4	81.0	
bt			7.9	80.5	
"			8.4	80.0	
b			8.4	80.0	
"			10.3	78.1	
bt			12.5	75.9	
NL			14.7	73.7	

88.35

E bk of Stab st

NS			17.3	71.1
bk			13.7	74.7
"			11.4	77.0
b			9.7	78.7
"			8.4	80.0
bk			8.5	79.9
SS			8.2	80.2

E 1/4 of Stab st

SS			9.4	79.0
bk			11.0	77.4
"			11.0	77.4
b			12.3	76.1
TP	0.50	76.30	12.55	75.80
"			2.8	73.5
bk			4.4	71.9
NS			6.8	69.5

76.30 Laurel

Center of Stab st

NS			8.8	67.5
bk			7.6	68.7
"			5.8	70.5
b			3.0	73.3
"			1.4	74.9
bk			0.9	75.4
SS			0.0	76.3

W 1/4 of Stab st

SS			2.6	73.7
bk			3.4	72.9
"			4.4	71.9
b			7.3	69.0
"			8.3	68.0
bk			11.5	64.8
NS			12.4	63.9

		7630			
	W bl of		State		
N.S			15.5	60.8	
bl			13.2	63.1	
"			11.4	64.9	
b			9.7	66.6	
"			7.6	68.7	
+10			6.4	69.9	
bl			9.0	67.3	
SL			3.6	72.7	
	W Line of		State	St	
SL			5.0	71.3	
bl			7.6	68.7	
"			11.4	64.9	
b			12.4	63.9	
TP	1.20	66.37	11.13	65.17	
bl			1.4	65.0	
b			5.7	60.7	
N.S			7.5	58.9	
Bm			7.17	59.20	Small Hat nw Stone Sawed

		6637		Sawed
	25'	W of	State	St
NS			11.9	54.5
bl			10.7	55.7
"			9.4	57.0
b			9.0	57.4
"			5.4	61.0
bl			4.2	62.2
SL			2.2	64.2
	33'	W of	State	
SL			5.0	61.4
	37'	W of	State	
SL			9.0	57.4
	43'	W of	State	
SL			5.5	60.9

		6637		
	50'	W of	Stake	at
SL			6.6	59.8
+10'			14.0	52.4
bl			10.3	56.1
+6'			13.0	53.4
4			11.0	55.4
6			13.2	53.2
TP	0.25	5444	12.18	54.19
4			4.3	50.1
bl			5.7	48.7
NL			8.0	46.4
	75'	W of	Stake	at
NL			13.3	39.1
bl			14.0	40.4
4			13.8	40.6
6			11.5	42.9
4			8.5	45.9
bl			3.7	50.7
SL			+0.5	54.9

		5444		Gravel
	100	W of	Stake	at
SL			5.7	48.7
bl			10.0	44.4
	120'	W of	Stake	POSTED
SL			7.8	46.6
bl			11.9	42.5
TP	0.04	4203	12.45	41.99
	100'	W of	Stake	
S/4			7.7	40.3
6			4.0	38.0
4			4.5	37.5
bl			5.0	37.0
NL			6.1	35.9
	120'	W of	Stake	at
S/4			4.0	38.0
6			5.4	36.6

42.03

125' W of State st

NL			10.6	31.4
bl			8.0	34.0
"			7.0	35.0
b			6.6	35.4
"			6.3	35.7
+10			5.7	36.3
bl			8.5	33.5
SL			8.0	34.0

130 W of State st

NL			15.6	26.4

140' W of State st

NL			8.6	33.4

42.03 Sound

150' W of State st

SL			9.2	32.8
bl			9.0	33.0
"			7.5	34.5
b			8.5	33.5
"			9.1	32.9
+5			16.2	25.8
~~bl~~			15.0	27.0
+4			9.5	32.5
NL			6.8	35.2

175' W of State st

NL			2.8	39.2
bl			8.3	33.7
"			9.4	32.6
+8'			10.7	31.3
b			17.0	25.0
"			11.3	30.7
bl			9.0	33.0
SL			9.4	32.6

42.03

	200'	W =	E Line of Columbia		
SL			9,2	32,8	
bl			9,6	32.4	
+8			17,0	25.0	
4			11,5	30.5	
b			9,6	32.4	
"			8,6	33.4	
bl	POSTED		7,3	34.7	
NL			1,8	40.2	
TP			8,96	33.07	Hub center of Columbia Sand

Intersection on Page 12

Continue on Page 45

Crossection of Columbia (75')
N Line of Kalmia to Palm St

N Line of Kalmia

BM	2.96	66.69		63.73	SW bc Kalmia Columbia
WL			8.5	58.2	
bl			7.8	58.9	
"			6.0	60.7	
b			4.8	61.9	
"			4.4	62.3	
bl			3.4	63.3	
EL			1.7	65.0	

POSTED

25' N of Kalmia

EL			3.2	63.5
bl			5.9	60.8
"			6.6	60.1
b			7.1	59.6
"			8.1	58.6
bl			10.2	56.5
WL			10.7	56.0

66.69 Columbia

50' N of Kalmia

WL			12.7	54.0
bl			12.7	54.0
"			12.1	54.6
b			11.9	54.8
"			11.5	55.2
bl			10.1	56.6
EL			6.3	60.4
TP	4.29	59.30	11.68	55.01

POSTED

75' N of Kalmia

EL			0.0	59.30
bl			4.4	54.9
"			7.2	52.1
b			8.0	51.3
"			8.7	50.6
bl			9.6	49.7
WL			9.6	49.7

5930

	100'	n of	Kalmia	
wl			12.3	47.0
bl			10.6	48.7
"			10.5	48.8
1			10.3	49.0
4			9.2	50.1
b			7.0	52.3
El			0.0	59.3
	125'	n of	Kalmia	
El			7.08	60.3
bl			6.2	53.1
4			9.1	50.2
b			11.0	48.3
7			12.0	47.3
bl			12.2	47.1
wl			10.2	46.1
TP	10.74	5776	12.28	47.02

on lower step n end

5776 Columbia

	150'	n of	Kalmia	
wl			12.7	45.4
bl			12.0	45.8
"			11.8	46.0
1			11.6	46.2
4			10.2	47.6
b			6.0	51.8
El			71.0	58.8
	175	n of	Kalmia	
El			2.1	55.7
bl			8.0	49.8
4			11.4	46.4
b			12.5	45.3
7			12.7	45.1
bl			13.2	44.6
wl			13.8	44.0
TP	3.69	49.05	12.40	45.26

Pipe

4905

200' N of Kolmia

WL			6,2	42.8
+7			5.8	43.2
+9			15.0	34.0
bb			13,5	35.5
y			5,2	44.8
b			4,6	44.4
y			3,8	45.2
bb			2,4	46.6
EL			1,4	47.6

225' N of Kolmia

EL			4,1	44.9
bb			4,6	44.4
y			5,1	43,9
b			5,6	43,4
y			6,6	42,4
bb			23.00	26.0
WL			14.0	35.0

4905 Columbia

232' N of Kolmia

WL			24.0	25.0
bb			14.5	34.5
y			7.8	41.2
b			6,0	43.0
y			5,0	44.0
bb			4,7	44,3
EL			4,5	44,5

240' N of Kolmia

EL			16,5	32,5
+4			4.6	44.4
bb			4.9	44.1
y			5,4	43,6
b			6,2	42,8
y			8,2	40,8
bb			14.0	35,0
Tp.	0.10	37.46	11,69	37,36
WL			6,2	31.3

3746

250' n of Kalmia

W2	10.0	27.5
bl	7.0	28.5
y	4.0	33.5
b	0.0	37.5
y	+2.0	39.5
bl	+3.0	40.5
+1	6.0	31.5
O2	6.6	30.9

258' n of Kalmia

W2	13.2	24.3
bl	13.5	24.2
y	7.0	30.5
b	5.5	32.0

3746 Columbine

275' n of Kalmia

O2	7.2	30.3
bl	6.0	31.5
y	4.8	32.7
b	6.4	31.1
+4'	13.0	24.5
y	13.2	24.3
bl	7.2	30.3
W2	6.5	31.0

300' n = Solin Laurel st (80')

W2	2.7	33.8
bl	6.2	31.3
y	6.5	31.0
b	6.4	31.1
y	13.0	24.5
+10	13.0	24.5
bl	5.8	31.7
O2	4.7	32.8

37.46

S bb of Laurel

EL			5.4	32.1
+2'			12.0	25.5
bb			12.0	25.5
+6			11.0	26.5
4			5.8	31.7
b			5.5	32.0
4			5.7	31.8
bl			5.0	32.5
WL			2.1	35.4

S bb + 2'

EL			12.6	24.9
+10			12.0	25.5
bb			5.5	32.1

S bb + 12

EL			12.6	24.9
+2			5.4	32.1
bb			5.2	32.3

37.46 Columbia

S 1/4 of Laurel st

WL			+1.0	38.5	
bl			1.8	35.5	
4			3.9	33.6	
b			4.2	33.2	
4			4.4	33.1	
bl			4.9	32.6	
			7.0	30.5	
TP	12.62	45.66	4.42	33.04	Center Hub Laurel

Center of Laurel st

EL			13.2	32.5
bl			13.0	32.7
4			12.7	33.0
b			11.6	34.1
4			11.2	34.5
bl			10.0	35.7
WL			6.7	39.0

4566

N 1/4 of Laurel

WL			1,7	44.0
+1'			7,0	38.1
bh			8,9	36.8
"			9,7	36.0
b			10,2	35.4
"			11,2	34.5
bh			12,2	33.5
EL			12,2	33.5

N bb of Laurel

EL			11,0	34.7
bh			9,2	36.5
"			7,8	37.9
b			8,7	37.0
"			6,0	39.7
bh			2,5	43.2
WL			1,6	44.1

4566 Columbia

N bb +1'

WL			1,6	44.1
bh			1,2	44.5
"			1,4	44.3
b			7.8	37.9

N Line of Laurel

WL			1,2	44.5
bh			0,9	44.8
"			1.1	44.6
b			4,0	41.7
"			6,0	39.7
bh			6,0	39.7
EL			6,0	39.7

45-66

25' n of Sound

Ek		3.0	42.7
bl		2.6	43.2
"		1.0	44.7
b		0.0	45.7
TP	12.25	5-7.70	0.21	45.4
"		1.21	45.6
bl		1.21	45.6
Wk		10.3	47.4

50' n of Sound

Wk		7.8	49.9
bl		8.3	49.4
"		9.6	48.1
b		10.8	46.9
"		10.3	47.4
bl		10.7	47.0
Ek		10.6	47.1

57.70 Columbia

75' n of Sound

Ek		8.5	49.2
bl		8.5	49.2
"		6.7	51.0
b		5.0	52.7
"		3.4	54.3
bl		1.9	55.8
Wk		1.3	56.4
TP	12.78	6713	3.35	5-4.35

100' n of Sound

Wk		5.2	61.9
bl		6.4	59.7
"		8.4	58.7
b		11.1	56.0
"		12.1	55.0
bl		13.2	53.9
Ek		16.4	50.7

6713

125' N of Sowel

EL			10.7	56.4
bb			7.9	59.2
"			5.9	61.2
b			3.6	63.5
"			1.8	65.3
bl			0.6	66.5
WL			+.3	67.4

150' N of Sowel

EL			5.4	61.7
bb			3.5	63.6
TP	12.63	7619	3.57	63.56
"			10.0	66.2
b			8.2	68.0
"			6.4	69.8
bl			5.1	71.1
WL			3.5	72.7

7619 Columbia

175' N of Sowel

WL			+0.8	77.0
bb			0.1	76.1
"			1.9	74.3
b			4.0	72.2
"			6.1	70.1
bl			7.6	68.6
EL			9.0	67.2

200' N of Sowel

EL			4.4	71.8
bb			2.8	73.4
"			1.5	74.7
TP	12.24	8662	1.81	74.38
b			9.7	75.9
"			8.2	78.4
bl			7.6	79.0
WL			6.3	80.3

		8662		
	225'	N of	Laurel	
WL			2.8	83.8
bl			4.0	82.6
"			5.4	81.2
b			7.0	79.6
"			8.0	78.6
bl			9.0	77.6
EL			10.8	75.8
	250'	N of	Laurel	
EL			6.8	79.8
bl			5.3	81.3
"			3.5	83.1
b			1.8	84.8
"			1.5	85.1
bl			0.5	86.1
TP	10.83	9609	1.36	85.26
WL			8.5	87.6

		9609		Columbia
	275'	N of	Laurel	
WL			6.5	89.6
bl			7.2	88.9
"			8.0	88.1
b			8.8	87.3
"			9.8	86.3
bl			11.0	85.1
EL			12.3	83.8
	300'	N =	SL of Maple (80')	
EL			8.0	88.1
bl			6.8	89.3
"			6.2	89.9
b			4.7	91.4
"			4.2	91.9
bl			3.3	92.8
WL			3.2	92.9

9609

	S bb of Maple			
WL			2.1	94.0
bb			1.8	94.3
"			2.0	94.1
b			3.2	92.9
"			4.7	91.4
bb			4.8	91.3
EL			5.5	90.6
	S 1/4 of Maple			
EL			4.0	92.1
bb			2.9	93.2
"			2.1	94.0
b			1.6	94.5
"			0.9	95.2
bb			0.7	95.4
WL			0.8	95.3
TP	11.71	105.43	2.37	93.72

105.43 Columbia

	Center of Maple			
WL			9.2	96.2
bb			8.9	96.5
"			8.7	96.7
b			8.9	96.5
"			9.6	95.8
bb			10.9	94.5
EL			11.8	93.6
	N 1/4 of Maple			
EL			10.1	95.3
bb			9.4	96.0
"			8.4	97.0
b			7.0	98.4
"			6.8	98.6
bb			7.4	98.0
WL			7.8	97.6

105.43

N Cle of Maple

WL		6,0	99.4
bb		5,8	99.6
y		5,7	99.7
b		5,7	99.7
y		6,4	99.0
bb		7,5	97.9
EL		8,7	96.7

N Line of Maple

EL		6,8	98.6
bb		5,4	100.0
y		4,6	100.8
b		4,4	101.0
y		4,3	101.1
bb		4,3	101.1
WL		4,9	100.5

105.43 Columbia

25' N of Maple

WL			2,4	103.0
bb			2,7	102.7
y			2,2	103.2
b			2,0	103.4
y			1,8	103.6
bb			2,2	103.2
EL			2,8	102.6

50' N of Maple

EL			0,2	105.2
bb			0,0	105.4
y			+0,4	105.8
b			+0,4	105.8
y			0,0	105.4
bb			0,0	105.4
WL			0,4	105.0
TP	12.48	115.44	2,47	102.96

Rock

115.44

	75' n of Maple		
WL		7.7	107.7
bl		8.0	107.4
"		8.0	107.4
b		7.3	108.1
"		7.0	108.4
bl		6.8	108.6
EL		7.1	108.3
	100' n of Maple		
EL		3.9	111.5
bl		3.9	111.5
"		4.1	111.3
b		4.1	111.3
"		4.8	110.6
bl		5.4	110.0
WL		6.2	109.2

115.44 Columbia

	125' n of Maple			
WL			3.8	111.6
bl			3.0	112.4
"			2.8	112.6
b			2.7	112.7
"			2.0	113.4
bl			1.8	113.6
EL			1.4	115.0
TP	11.02	124.19	1.67	113.77
	150' n of Maple			
EL			8.3	116.5
bl			8.5	116.3
"			8.3	116.5
b			8.7	116.1
"			9.5	115.3
bl			10.4	114.4
WL			11.5	113.3

POSTED
POSTED

12479

175' N of Maple

WL		10.2	114.6
bl		9.2	115.6
7		7.8	117.0
6		7.2	117.6
4		6.0	118.8
bl		5.4	119.4
EL		5.2	119.2

200' N of Maple

EL		2.2	122.6
bl		3.3	121.5
7		4.2	120.6
6		5.2	119.6
4		6.1	118.7
bl		7.9	116.9
WL		8.3	116.5

12479 Columbia

225' N of Maple

WL		7.0	117.8
bl		6.9	117.9
7		4.9	119.9
6		3.8	121.0
4		2.7	122.1
bl		1.3	123.5
EL		0.5	124.3
TP	9.73	131.51	3.01	121.78

250' N of Maple

EL		5.4	126.1
bl		6.4	126.1
7		8.2	123.3
6		9.3	122.2
4		10.2	121.3
bl		12.8	120.7
WL		13.0	118.5

131.51

275' N of Maple

WL	12.3	119.2	
bb	12.0	119.5	
"	9.8	121.7	
b	8.0	123.5	
"	6.8	124.7	
bb	4.7	126.8	
EL	3.5	128.0	

300' N = S Line Nutmeg st (80')

EL	2.1	129.4	
bb	4.0	127.5	
"	5.8	125.7	
b	7.1	124.4	
"	7.9	123.6	
bb	10.8	120.7	
WL	11.5	120.0	
Bm	10.62	120.89	Top wall SW Nutmeg Columbia

131.51 Columbia

S bb of Nutmeg

WL	11.3	120.5
bb	9.9	121.6
"	8.2	123.3
b	6.1	125.4
"	4.4	127.1
bb	3.0	128.5
EL	0.9	130.6

S 1/4 of Nutmeg

EL	0.0	131.5
bb	1.8	130.7
"	3.8	127.7
b	5.8	125.7
"	7.5	124.0
bb	8.6	122.9
WL	10.1	121.4

13151

Center of Nutmeg

W2			9.4	122.1
bl			7.2	124.3
y			6.5	125.0
b			4.8	125.7
y			2.2	128.3
bl			1.5	130.0
TP	800	128.49	1.02	130.49
E2			5.7	133.0

N ¼ of Nutmeg

E2			4.9	133.6
bl			6.8	131.7
y			8.6	129.9
b			10.2	128.3
y			11.7	126.8
bl			12.9	125.6
W2			15.5	123.0

13849 Columbia

N bk of Nutmeg

W2	14.5	124.0
bl	12.3	126.2
y	10.5	128.0
b	9.8	128.7
y	7.4	131.1
bl	5.3	133.2
E2	3.5	135.0

N Line of Nutmeg

E2	2.2	136.3
bl	4.5	134.0
y	6.6	131.9
b	8.8	129.7
y	9.8	128.7
bl	12.0	126.5
W2	14.8	123.0

13849

	25'	N of	Nutmeg	
WL			12.6	125.9
bb			10.7	127.8
"			8.5	130.0
b			6.5	132.0
"			4.8	133.7
bb			2.4	136.1
EL			+0.2	138.7
	50'	N of	Nutmeg	
WL			12.0	126.5
bb			9.6	128.9
"			7.6	130.9
b			5.8	132.7
"			4.0	134.5
bb			1.4	137.1

13849

	75'	N of	Nutmeg	
WL			11.6	126.9
bb			9.6	128.9
"			7.2	131.4
b			4.6	133.9
"			2.8	135.7
bb			1.5	137.0
	100'	N of	Nutmeg	
WL			10.2	128.3
bb			8.5	130.0
"			6.8	131.7
b			3.7	134.8
"			1.3	137.2
bb			0.0	138.5

13849

	125'	n of	Nutmeg	
WL			10.0	128.5
bl			8.0	130.5
4			5.8	132.7
b			3.1	135.4
4			0.7	137.8
TP	9.70	14819	0.0	138.49
	150'	n of	Nutmeg	
EL			8.2	140.0
	75'	n of	Nutmeg	
EL			7.6	140.6
	100'	n of	Nutmeg	
EL			6.4	141.8
	125'	n of	Nutmeg	
EL			5.0	143.2
bl			7.7	140.5

14819 Columbia

	150'	n of	Nutmeg	
EL			4.0	144.2
bl			5.8	142.4
4			8.6	139.6
b			10.8	137.4
4			13.2	135.0
bl			15.4	132.8
WL			17.6	130.6
	175'	n of	Nutmeg	
WL			16.0	132.2
bl			14.0	134.2
4			12.0	136.2
b			9.8	138.4
4			6.3	141.9
bl			2.6	145.6
EL			2.0	146.2

		148.19		
	200'	n of	Nutmeg	
Ek			~~10.5~~	148.7
bl			1.0	147.2
y			3.3	144.9
b			6.7	141.5
y			10.4	137.8
bl			12.7	135.5
Wk			14.4	133.8
	225'	n of	Nutmeg	
Wk			13.4	134.8
bl			11.0	138.2
y			8.7	139.5
b			6.4	141.8
y			3.0	145.2
bh			0.0	148.2

		148.19		Columbia
	250'	n of	Nutmeg	
Wk			12.5	135.7
bl			9.7	138.5
y			7.2	141.0
b			3.7	144.5
y			1.7	146.5
~~bl~~				
	275'	n of	Nutmeg	
Wk			12.0	136.2
bl			9.6	138.6
y			6.5	141.7
b			3.2	145.0
y			0.5	147.7

		148.19		
	300'	N of	[illegible]	Olive (80')
WL			11.4	136.8
bl			9.0	139.2
"			6.5	141.7
b			3.8	144.4
"			0.8	147.4
TP	9.38	153.72	3.85	144.34
	225'	N of	Nutmeg	
EL			3.6	150.1
	250'	N of	Nut meg	
EL			1.7	152.0
			5.1	148.6
	275'	N of	Nutmeg	
EL			0.0	153.7
bb			4.8	148.9
	300	N of	Nutmeg	
EL			0.7	153.0
bb			3.9	149.8

		153.72		Columbia
		Intersection of Olive is (765')		
		308.3' N on the West Line = S Line Olive (80')		
WL			16.8	136.9
bl			14.0	139.7
"			12.2	141.5
b			9.7	143.9
"			6.7	147.0
bl			3.6	150.1
EL = 318.5' N of Nutmeg			0.6	153.1 = SL Olive
		S bb of Olive 0		
EL			0.7	153.0
bl			3.8	149.9
"			6.4	147.3
b			9.0	144.7
		S 1/4 of Olive		
EL			1.3	152.4
bl			4.0	149.7
"			5.7	148.0
b			7.9	145.8

15372

	Center of Olive St			
Es			1.1	152.6
bt			3.5	150.2
"			4.9	148.8
b			7.0	146.7
	N 1/4 of Olive			
Es			1.6	152.1
bt			4.1	149.6
"			5.7	148.0
b			7.3	146.4
	N bt of Olive			
Es			2.6	151.1
bt			4.4	149.3
"			6.4	147.3
b			8.2	145.5
Bm			1.63	152.09
	Cor Hortons Fence			

15372 Columbia

	N Line of Olive NL Olive			
Es			2.8	150.9
bt			5.1	148.6
"			6.9	146.8
b			9.3	144.4
TP	1.44	148.56	6.60	147.12
	S bt of Olive			
Ws			10.5	138.1
bt			8.0	140.6
"			6.0	142.6
	S 1/4 of Olive			
Ws			10.0	138.6
bt			7.6	141.0
"			5.4	143.2
	Center of Olive			
Ws			9.8	138.8
bt			7.7	140.9
"			5.9	142.7

14856

N 1/4 of Olive

WL		10.5	138.1
bl		7.4	141.2
"		5.6	143.0

N bl of Olive

WL		11.2	137.4
bl		8.7	139.9
"		6.8	141.8

N Line of Olive NL Olive

WL		13.0	135.6
bl		10.0	138.6
"		7.4	141.2

14856

300' S of Palm = 175' N of Olive W / 175' N of Olive on E

WL		13.0	135.6
bl		10.4	138.2
"		7.7	140.9
bl		5.1	143.5
"		3.0	145.6
bl		0.2	148.4
~~Pt~~			

275' S of Palm

WL		13.3	135.3
bl		10.7	137.9
"		7.9	140.7
bl		4.4	144.2
"		2.2	146.4
bl		0.3	148.3

		14856		
	250'	S of	Palm	st
WL			12.1	136.5
bl			10.5	138.3
y			7.0	141.6
b			3.8	144.8
y			1.8	146.8
bb			0.0	148.6
	225'	S of	Palm	
WL			10.0	138.6
bl			7.3	141.3
y			5.4	143.2
b			3.3	145.3
y			1.2	147.4

		14856		Columbia
	200'	S of	Palm	
WL			9.3	139.3
bl			6.9	141.7
y			5.0	143.6
b			2.6	146.0
TP	923	154.71	3.08	145.48
	300'	S of	Palm =	18.5 n Otis
EL			4.5	150.6
	275'	S of	Palm	
SL			3.7	151.0
	250'	S of	Palm	
EL			2.9	151.8
	225'	S of	Palm	
EL			2.0	152.7
bl			4.9	149.8
	200'	S of	Palm	
EL			0.6	154.1
bl			3.2	151.5
y			5.9	148.8

15471

175' S of Palm

EL		+0.5	155.2
bl		2.8	151.9
4		5.2	149.4
b		6.9	147.8
4		10.4	144.3
bl		13.0	141.7
WL		15.0	139.7

150' S of Palm

WL		15.2	139.5
bl		13.2	141.5
4		10.7	144.0
b		8.4	146.3
4		5.7	149.0
bl		3.6	151.1
EL		0.0	154.7

15471 Columbia

125' S of Palm

EL		+0.5	155.3
bl		3.0	151.7
4		6.1	148.6
b		8.6	146.1
4		11.2	143.5
TP		+12.55	

100' S of Palm

EL			2.9	151.8
bl			5.7	149.0
4			8.5	146.2
b			11.3	143.4
4			13.2	131.5 141.5
TP	633	14849	12.55	142.11

		14849		
	125'	S of	Palm	
WL			10.2	138.3
bl			8.0	140.5
	100'	S of	Palm	
WL			11.6	136.9
bl			9.1	139.4
	75'	S of	Palm	
WL			13.3	135.2
bl			11.5	137.0
4			9.6	138.9
6			6.5	142.0
4			4.6	143.9
bl			2.5	146.0
EL			0.0	148.5

		14849		Columbia
	50'	S of	Palm	
EL			4.7	143.8
bl			7.2	141.3
4			9.2	139.3
6			11.8	136.7
4			13.0	135.5
TD	316	142.65	9.00	139.49
bl			8.1	134.5
WL			10.4	132.2
	25'	S of	Palm	
WL			13.2	129.4
bl			10.7	131.9
4			9.0	133.6
6			8.5	134.1
4			7.0	135.6
bl			5.5	137.1
EL			3.9	138.7

on bathe

POSTED

142.65

S Line of Palm

EL			9,0	133.6	
bl			9,9	132.7	
y			10,6	132.0	
b			12,6	130.0	
TP	0.52	132.74	10.43	132.22	
y			6,0	136.6	176.6
bl			7,0	137.6	125.7
WL			8,4	124.3	

Crossection of Nutmeg (80) 70

W Line of State to E Line California

	12.24	133.13		120.89	Bm top of wall Columbia
	E Line of Columbia				
SL			3,5	129.6	
bl			2,5	130.6	
y			1,7	131.4	
b			0,4	132.7	
TP	12.81	145.52	0.42	132.71	
y			11,9	133.6	
bl			10,6	134.9	
WL			9,2	136,3	
	25' E of Columbia				
WL			3,5	142,0	
bl			5,0	140.5	
y			7,3	138.2	
b			8,8	136.7	
y			10,2	135.3	
bl			11,4	134.1	
SL			12,4	133.1	

POSTED

		14552		
	50'	E of Columbia		
SL			10.5	135.0
			7.8	137.7
y			5.8	139.7
b			3.8	141.7
y			2.0	143.5
bl			1.2	144.3
TP	3.96	14914	0.34	145.18
nL			3.90	145.2
	75'	E of Columbia		
nL			1.0	148.1
bl			2.4	146.7
y			4.2	144.9
b			6.2	142.9
y			7.9	141.2
bl			9.8	139.3
SL			11.7	137.4

		14914		Nutmeg
	100'	E of Columbia		
SL			11.1	138.0
bl			9.0	140.1
y			7.4	141.7
b			5.5	143.6
y			3.6	145.5
bl			1.8	147.3
nL			0.1	149.0
	125'	E of Columbia		
nL			2.1	147.0
bl			3.3	145.8
y			5.1	144.0
b			6.9	142.2
y			9.2	139.9
bl			11.6	137.5
SL			13.0	136.1

149.14

150' E of Columbia

NL			6.5	142.6
bl			8.1	141.0
"			9.8	139.3
L			12.0	137.1
TP	0.47	138.17	11.44	137.70
"			3.4	134.8
bl			5.0	133.2
SL			6.8	131.4

175' E of Columbia

SL			9.9	128.3
bl			8.2	130.0
"			7.0	131.2
b			5.2	133.0
"			3.4	134.8
bl			2.4	135.8
NL			1.5	136.7

138.17 Nutmeg

200' E = W L of State St

NL			6.9	131.3
bl			7.1	131.1
"			8.3	129.9
b			9.3	128.9
"			11.0	127.2
bl			13.5	124.7
SL			15.4	122.8

W Line of Columbia (75')
Intersection on Page 22 this Book

1.43	122.32		120.89	Bm top of wall Columbia
SL			2.3	120.0
bl			2.2	120.1
"			1.0	121.3
b			0.3	122.0
"			+0.5	122.8
bl			+1.0	123.3
NL			+1.9	124.0

12.32

25' W of Columbia

NL	0.4	121.9
bl	1.0	121.3
"	2.5	119.8
b	3.1	119.2
"	4.2	118.1
bl	4.4	117.9
SL	3.6	118.7

50' W of Columbia

SL	3.5	116.8
bl	5.9	116.4
"	6.3	116.0
b	5.7	116.6
"	4.4	117.9
bl	3.0	119.3
NL	2.9	119.4

12.32 Nutmeg

75' W of Columbia

NL	5.3	117.0
bl	5.9	116.4
"	7.0	115.3
b	7.9	114.4
"	8.8	113.5
bl	8.5	113.8
SL	7.7	114.6

100' W of Columbia

SL	10.9	111.4
bl	11.0	111.3
"	11.5	110.8
b	10.5	111.8
"	9.5	112.8
bl	8.5	113.8
NL	8.1	114.2

		112.32		
	125'	W of	Columbia	
NL			11.3	111.0
bl			11.9	110.4
y			12.9	109.4
TP	0.75	110.55	12.52	109.80
b			1.6	109.0
y			2.5	108.1
bl			3.4	107.2
SL			2.1	108.5
	150'	W of	Columbia	
SL			7.5	103.1
bl			8.2	102.4
y			7.0	103.6
b			6.0	104.6
y			5.0	105.6
b			3.5	107.1
NL			3.5	107.1

		110.55		Nutsey
	175'	W of	Columbia	
NL			7.7	102.9
bl			7.9	102.7
y			9.4	101.2
b			9.8	100.8
y			10.8	99.8
bl			11.6	99.0
SL			11.7	98.9
TP	0.16	99.43	11.28	99.27
	199'	W of	Columbia	
SL			5.2	94.2
bl			5.2	94.2
y			4.7	94.7
b			3.9	94.5
y			3.2	96.2
bl			2.8	96.6
NL			2.5	96.9

		99.43		
	200' W = E Line India (75')			
NL			6,2	93.2
bb			6,7	92.7
"			6,5	92.9
b			6,6	92.8
"			6,9	92.5
bb			6,7	92.7
SL			7,0	92.4
	India Graded			
TP	0,98	91.23	9,15	90.28 25
	W Line of India			
SL			1,0	90.2
bb			1.1	90.1
"			1.1	90.1
b			0,6	90.6
"			0,5	90.7
bb			0,4	90.8
NL			0,0	91.2

		91.23		Nutmeg
	15' W of India			
NL			5,3	85.9
bb			2,5	88.7
"			5,5	85,7
b			9.0	82.2
"			10.0	81.2
bb			11.3	79.7
SL			11.0	80.2
	25' W of India			
SL			15,5	75.7
bb			14,0	77.2
"			13,0	78.2
b			11,2	80,0
"			9.4	81.8
bb			8,0	83.2
NL			7.0	84.2
TP	0.14	78.41	12,95	78,27

7841

	50'	W of	India	
NL			0.2	78.2
bh			0.3	78.1
"			1.3	77.1
b			2.0	76.4
"			5.0	73.4
bh			7.2	71.2
SL			7.4	71.0
	75'	W of	India	
SL } in Burn			8.4	70.0
bh			8.4	70.0
"			8.4	70.0
b			6.5	71.9
"			5.0	73.4
bh			4.9	73.5
NL			4.1	74.3

7841 Nutmeg

	100'	W of	India		
NL			9.3		69.1
bh			10.0		78.4
"			8.4		70.0
b			9.4		69.0
"			10.4		68.0
bh			11.0		67.4
SL			12.0		66.4
TP	0.20	66.44	12.17	66.24	
	125'	W of	India		
SL			5.6		60.8
bh			4.4		62.0
"			3.5		62.9
b			2.4		64.0
"			1.4		65.0
bh			1.0		65.4
NL			0.8		65.6

		6644		
	150'	W of	India	
NL		40	4.9	61.5
bl			5.9	60.5
"			5.5	60.9
b			5.9	60.5
"			7.3	59.1
bl			8.2	58.2
SL			9.1	57.3
	175'	W of	India	
SL			13.8	52.6
bl			12.2	54.2
"			11.0	55.4
b			10.1	56.3
"			9.5	56.9
bl			9.4	57.0
NL			9.2	57.2
TP	0.62	54.92	12.14	54.30

		54.92		nutmg	
	200'	W = E Sin		Artic	(75')
NL			2.5		52.4
bl			2.6		52.3
"			2.9		52.0
b			3.0		51.9
"			3.7		51.2
bl			4.9		50.0
SL			5.8		49.1
	E bl of Artic				
SL			8.6		46.3
bl			8.6		46.3
"			5.7		49.2
b			4.9		50.0
"			4.4		50.5
bl			4.1		50.8
NL			4.1		50.8

5492

E 1/4 of Arctic

NL		8.5	46.4
bl		9.0	45.9
"		9.4	45.5
b		10.0	44.9
"		10.1	44.8
bl		10.8	44.1
SL		12.0	42.9

2' E of RR Rail

SL		9.4	45.5
bl		9.2	45.7
"		9.0	45.9
b		8.7	46.2
"		8.5	46.4
bl		8.4	46.5
NL		7.9	47.0
RR Rail NL		7.0	47.9
RR Rail SL		8.7	46.2

5492 Nutmeg

2' W of RR Rail

NL		8.0	46.9
bl		8.2	46.7
"		8.5	46.4
b		8.8	46.1
"		9.0	45.9
bl		9.1	45.8
SL		9.5	45.4

W 1/4 of Arctic

SL		11.5	43.4
bl		11.6	43.3
"		10.6	44.3
b		10.1	44.8
"		9.7	45.2
bl		9.5	45.4
NL		9.4	455
TP	2.67	50.05	7.54	47.28

POSTED

50.05

6' w of w bb of Arctic

n l	7.5	42.5
bb	8.0	42.0
"	8.4	41.6
b	8.7	41.3
"	9.1	40.9
bb	9.6	40.4
S l	10.6	39.4

W bb of Arctic

n l	7.5	42.5
bb	8.0	42.0
"	8.4	41.1
b	8.7	41.3
"	9.1	40.9
bb	9.6	40.4
S l	10.6	39.4

50.05 Hutmey

W line of Arctic at

S l	13.4	36.7
bb	12.8	37.3
"	12.3	37.8
b	11.8	38.3
"	10.9	39.2
bb	10.5	39.6
n l	9.9	40.2
T.P.	1.04 38.65	1.44 37.61

25' w of Arctic at

n l	1.5	37.2
bb	2.7	36.0
"	3.0	35.4
b	4.1	34.6
"	4.6	34.1
bb	5.6	33.1
S l	7.0	31.7

3865

50' W of Arctic

Se			9.4	29.2
"			9.1	29.5
"			8.5	30.3
b			7.2	31.4
"			6.3	32.3
bl			5.5	33.1
nL			5.5	33.1

75' W of Arctic

nL			7.9	30.7
bl			8.4	30.2
"			9.3	29.3
b			10.2	28.4
"			10.9	27.7
bl			11.2	27.4
SL			11.9	26.7
TP	2.46	29.09	12.02	26.60

2909 nutmeg

100' W of Arctic

SL			4.0	25.1
bl			3.4	25.7
"			2.8	26.3
b			3.0	26.1
"			1.2	27.9
bl			0.7	28.4
nL			0.1	29.0

125' W of Arctic

nL			1.7	27.4
bl			2.6	26.5
"			3.2	25.9
b			4.2	24.9
"			4.8	24.3
bl			4.9	24.2
SL			6.0	23.1

2909

	150'	W of	Arctic	
SL			7.7	21.4
bl			6.7	22.4
"			5.5	23.6
G			5.2	23.9
"			4.5	24.6
bl			4.0	25.1
NL			3.3	25.8
	175'	W of	Arctic	
NL			6.8	22.3
bl		POSTED	7.1	22.0
"			8.0	21.1
b			9.0	20.1
"			9.2	19.9
bl			9.1	20.0
SL			9.4	19.7

2909. Nutmeg

	200'	W of = E Lin Californian		
SL			11.0	18.1
bl			10.0	19.1
"			9.8	19.3
b			9.3	19.8
"			9.4	19.7
bl			9.3	19.8
NL			8.0	21.1
RR Rail NL			6.6	22.5
RR Rail SL			7.7	21.4

E Rail is 24' W of E L of Californian

Construction of Sewer 80'
India to Columbia

	E L of India				
	12.88	60.37		47.49	Bm Inch at Bridge
SL			5.2	55.2	
bl			5.0	55.4	
4			5.0	55.4	
b			4.7	55.7	
4			4.8	55.6	
bl			4.8	55.6	
NL			4.2	56.2	
	1' E on N line				
NL			0.6	59.8	
bl			4.8	55.6	
	20' E of		India		
NL			2.4	58.0	
bl			6.7	53.7	
4			8.3	52.1	
1			13.0	47.4	
TP	5.20	53.07	12.50	47.87	
4			6.9	46.2	

POSTED

	53.07			Sewer
bl			9.7	43.4
SL			10.6	42.5
	25' E of		India	
SL			11.8	41.3
bl			9.3	43.8
4			7.0	46.1
b			6.7	46.4
4			3.9	49.2
bl			0.9	52.2
NL			4.3.0	56.1
	50' E of		India	
NL			2.4	50.7
bl			4.0	49.1
4			7.0	46.1
b			8.7	44.4
4			9.3	43.8
bl			11.3	41.8
SL			12.5	40.6

		53.07		
TP	75'	E of	India	
	3.15	47.08	9.14	43.93
SL			5,7	41.4
bl			6,2	40.9
"			5,0	42.1
b			4,2	42.9
"			3,1	44.0
bl			0,3	46.8
NL			+1,5	48.6
	100'	E of	India	
NL			0.4	46.7
bl			1,8	45.3
"			3,4	43.7
b			4,6	43.0
"			5,2	41.9
bl			5,4	41.7
SL			5,8	41.3

		47.08		Laurel
	1.25'	E of	India	
SL			9,2	37.9
bl			5,4	41.7
"			5,2	41.9
b			4,8	42,3
"			3,7	43.4
bl			2,5	44.6
NL			1,3	45.8
	1.50'	E of	India	
NL			2,0	45.1
bl			3,0	44.1
"			4,5	42,6
b			5,0	42,1
"			4,7	42,4
bl			5,8	41.3
SL			9,0	38.1

47.08

	175'	E of	India	
SL			6.2	40.9
bl			4.6	42.5
"			4.1	43.0
b			3.6	43.5
"			3.8	43.3
bl			3.2	43.9
NL			2.6	44.5
	182'			
SL			6.6	40.5
bl			5.0	
"			4.0	
b			3.5	

47.08 Laurel

	200'	E of	India	(~~Graded~~ X sec)
NL			2.6	44.5
bl			3.0	44.1
4			3.3	43.8
+1			8.4	38.7
b i w			4.3	{42.8
also			8.0	{39.1
4			7.7	39.4
bl			11.6	35.5
SL			13.5	33.6

POSTED

Crossection of Eagle St (80')
N line of Washington to S L of Lewis
{ Crossections on new plan
The 1/4 is 5' from curb on each side

	248	271.74		269.26	{ BM Sp NE bo Goldfinch & wash
POSTED	663	271.99	6.38	265.36	
	N line of		Washington		
WL			6.4	265.4	
bb			6.2	265.8	
5'			5.8	266.2	
b			6.2	265.8	
5'			7.0	265.0	
bb			6.6	265.4	
EL			6.4	265.6	
	25'	N of	Wash	st	
EL			6.2	265.8	
bb			6.6	265.4	
5'			6.6	265.4	
b			5.7	266.3	
5'			5.3	266.7	
bb			5.4	266.6	
WL			5.6	266.4	

		271.99		Eagle st
	50'	N of	Wash	st
WL			4.5	267.5
bb			4.9	267.1
5'			5.0	267.0
b			5.7	266.3
5'			6.3	265.7
bb			6.4	265.6
EL			6.2	265.8
	75'	N of	Wash	st
EL			6.4	265.6
bb			6.4	265.6
5'			6.4	265.6
b			6.2	265.8
5'			5.4	266.6
bb			5.3	266.7
WL			5.1	266.9

271.99

105' n of Wash

WL	5.1	266.9
bl	6.2	265.8
5'	6.3	265.7
b	6.3	265.7
5'	6.8	265.2
bl	7.1	264.9
EL	7.4	264.6

125' n of wash

EL	8.0	264.0
bl	8.0	264.0
5	7.6	264.4
b	5.2	266.8
5'	5.7	266.3
bl	6.1	265.9
WL	5.4	266.6

271.99 Eagle st

150' n of Wash

WL	5.5	266.5
bl	5.5	266.5
5'	5.8	266.2
b	7.6	264.4
5'	8.3	263.7
bl	8.6	263.4
EL	9.1	262.9

175' n of wash

EL	10.1	261.9
bl	7.9	264.1
5'	7.8	264.2
b	7.7	264.3
5'	6.7	265.3
bl	5.7	266.3
WL	5.5	266.5

27199

	200'	n of	Wash st	
WL			5,5	266.5
bl			6,2	265.8
5'			6,7	265.3
b			8,0	264.0
bt			8,3	263.7
bl			8,6	263.4
EL			11,3	260.7
	225'	n of	Wash st	
EL			12,1	259.9
bl			8,5	263.5
5'			8,0	264.0
b			7,9	264.1
5'			7,4	264.6
bl			6,7	265.3
WL			5,4	266.6

27199 Eagle st

	250'	n of	Wash st	
WL			5,8	266.2
bl			7,1	264.9
5			7,3	264.7
b			7,7	264.3
5'			8,3	263.7
bl			8,8	263.2
EL			9,2	262.8
	275'	n of	Wash st	
EL			8,8	263.2
bl			7,7	264.3
5'			7,7	264.3
b			6,0	266.0
5'			6,7	265.3
bl			6,8	265,2
WL			5,5	266.5

		271.99		
	300' N = S L Gettie (50')			
WL			6,0	266.0
bl			6,1	265.9
5'			6,1	265.9
b			6,7	265.3
5'			6,9	265.1
bl			7,2	264.8
EL			7,4	264.8
TP	7,70	272.29	7,40	264.59
	S bl of Gettie st			
EL			7,0	265.3
bl			7,0	265.3
5			7,1	265.2
b			6,9	265.4
5'			6,3	266.0
bl			6,3	266.0
WL			6,2	266.1

		272.29		Eagle st
	S 5' from bl			
WL			6,0	266.3
bl			6,2	266.1
5'			6,1	266.2
b			6,7	265.6
5'			7,1	265.2
bl			6,8	265.5
EL			6,8	265.5
	center of Gettie			
EL			6,7	265.6
bl			6,7	265.6
5'			6,3	266.0
b			6,2	266.1
5'			6,2	266.1
bl			5,8	266.5
WL			5,7	266.6

POSTED

272.29

N = 5' from bk

WL	5.4	266.9
bk	5.2	267.1
5'	5.8	266.5
b	5.4	266.9
5'	6.2	266.1
bk	6.4	265.9
EL	6.3	266.0

N bk of Gotti

EL	6.3	266.0
bk	6.2	266.1
5'	6.1	266.2
b	5.4	266.9
5'	5.4	266.9
bk	4.8	267.5
WL	5.3	267.0

272.29 Eagle st

N line of Gotti

WL	5.3	267.0
bk	5.6	266.7
5'	5.7	266.6
b	5.4	266.9
5'	5.9	266.4
bk	6.0	266.3
EL	6.0	266.3

25' N of Gotti st

EL	5.3	267.0
bk	5.1	267.2
5'	5.0	267.3
b	4.8	267.5
5'	5.2	267.1
bk	5.3	267.0
WL	4.9	267.4

		272.29		
	50'	N of	Gettis	st
WL			4,0	268.3
bl			4,9	267.4
5			4,8	267.5
b			4,3	268.0
5			4,4	267.9
bl			4,3	268.0
EL			4,4	267.9
	75'	N of	Gettis	
EL			4,3	268.0
bl			4,0	268.3
5			3,9	268.4
b			3,2	269.1
5'			4,2	268.1
bl			4,3	267.4
WL			4,1	268.2

		272.29		Eagle st
	100'	N of	Gettis	
WL			3,6	268.7
bl			3,9	268.4
5'			3,7	268.6
b			3,2	269.1
5'			3,6	268.7
bl			3,5	268.8
EL			3,6	268.7
	125'	N of	Gettis	
EL			3,5	268.8
bl			3,1	269.2
5'			3,0	269.3
b			3,0	269.3
5'			3,3	269.0
bl			3,5	268.8
WL			3,3	269.0
TP	5,68	274.53	3,44	268.85

27453

150' n of Gettis

WL	5.4	269.1
bl	5.0	269.5
s'	4.8	269.7
b	4.6	269.9
s'	4.7	269.8
bl	5.0	269.5
EL	5.4	269.1

175' n of Gettis

EL	5.0	269.0
bl	4.8	269.7
s'	4.6	269.9
b	4.0	270.5
s'	4.6	269.9
bl	4.8	269.7
WL	4.8	269.7

27453 Eagle st

200' n of Gettis

WL	4.2	270.3
bl	4.0	270.5
s'	4.2	270.3
b	3.8	270.7
s'	4.3	270.2
bl	4.4	270.1
EL	4.9	269.6

225' n of Gettis

EL	5.0	269.5
bl	4.3	270.2
s'	4.0	270.5
b	3.7	270.8
s'	4.0	270.5
bl	4.4	270.1
WL	4.4	270.1

27453

250' n of Gette

WL	3.7	270.8
bl	3.7	270.8
5'	3.7	270.8
b	3.5	271.0
5'	4.1	271.4
bh	4.4	271.1
EL	4.7	269.8

275' n of Gette

EL	5.0	269.5
bl	4.6	269.9
5'	4.2	270.3
b	3.5	271.0
5'	3.4	271.1
bh	3.7	270.8
WL	3.8	270.7

27453 Eagle st

300' n = Sd Lewis st

WL	3.7	270.8
bl	3.5	271.0
5'	3.5	271.0
b	3.3	271.2
5'	4.4	270.1
bl	4.8	269.7
EL	4.9	269.6

POSTED

Reconstruction of Part of Washington St (60')
E L of 1st to 100' W of 1st st

	154	281.91		280.37	Bm Hub SE Cor 1st Wash
	E L of 1st st (70')				
SL			1.5	280.4	
bl			1.7	280.2	
"			1.4	280.5	
b			1.6	280.3	
"			1.4	280.5	
bl			1.5	280.4	
NL			0.9	281.0	
	E bl of 1st st				
NL			1.1	2808	
bl			1.6	280.3	
"			1.9	280.0	
b			1.8	280.1	
"			2.1	279.8	
bl			2.2	279.7	
SL			2.4	279.5	

POSTED

281.91 Washington

E 1/4 of 1st st

SL			2.9		279.0
bl			2.5		279.4
"			2.2		279.7
b			2.2		279.7
"			2.2		279.7
bl			2.1		279.8
NL			1.6		2803
	Center of 1st st				
NL			2.2		279.7
bl			2.5		279.4
"			2.6		279.3
b			2.7		279.2
"			3.0		278.9
bl			3.2		278.7
SL			3.4		2785

POSTED

28191

W ½ of 1st st

SL	3.8	278.1
bl	3.9	278.0
y	3.7	278.2
b	3.3	278.6
y	3.1	278.8
bl	3.1	278.8
NL	2.3	279.6

W bl of 1st st

NL	2.5	279.4
bl	3.6	278.3
y	3.4	278.5
b	4.0	277.9
y	5.0	276.9
bl	3.8	278.1
SL	4.1	277.8

28191 Washington

W Line of 1st st

SL	11.3	270.6
bl	11.2	270.7
y	11.1	270.8
b	9.3	272.6
y	4.4	277.5
bl	4.1	277.8
NL	3.3	278.6

15' W of 1st st

NL	6.6	275.3
bl	4.1	277.8
y	4.3	277.6
b	10.5	271.4
y	15.2	266.7
bl	17.7	264.2
SL	18.8	263.1

281.91

	25'	W of	1st	2st
SL			15.6	266.3
bl			15.1	266.8
4			15.4	276.5
b			10.8	271.1
4			4.5	277.4
bl			4.2	277.7
NL			8.7	273.2
	50'	W of	1st	2st
NL			8.4	273.5
bl			4.0	277.9
4			4.1	277.8
bl			5.7	276.2
4			5.3	276.6
bl			5.8	276.1
SL			6.1	275.8

281.91 Washington

	75'	W of	1st	2st
SL			3.3	278.6
bl			3.0	278.9
4			3.0	278.9
b			2.7	279.2
4			3.2	278.7
bl			3.2	278.7
NL			2.6	279.3
	100'	W of	1st	2st
NL			2.1	279.8
bl			1.9	280.0
4			2.2	279.7
b			2.2	279.7
4			2.0	279.9
bl			2.3	279.6
SL			2.5	279.4

POSTED

7th St Transferred to Book 191

N Chf Brooks

	8.49	1.00
WL		10.6
bb		12.2
"		12.5
b		13.8
"		14.0
bb		16.0
EL		16.2

N 1/4 of Brooks

WL		11.8
bb		12.0
"		11.6
b		11.8
"		12.0
bb		13.0
EL		14.0

Center of Brooks

EL		12.7
bb		11.5
"		9.7
b		8.5
"		8.2
bb		9.0
WL		9.6

S 1/4 of Brooks

WL		5.0
bb		4.4
"		3.8
b		4.0
"		5.3
bb		7.4
EL		9.4

	S	bb of Breaks
EL		5.5
bl		4.1
y		3.9
b		3.0
y		2.0
bl		1.4
WL		1.3
TP	12.26	0.96

	S Line of Breaks
WL	8.7
bl	9.5
y	10.4
b	10.0
y	10.2
bl	10.3
EL	11.4

	15'	S of Breaks
EL		10.2
bl		8.5
y		7.5
b		6.9
y		6.0
bl		5.2
WL		4.5

	25'	S of Breaks
WL		0.8
bl		1.3
y		1.4
b		1.2
y		0.8
bl		0.0
EL		3.0
TP	12.70	0.73

	50' 5.0	Breaks	
EL			3.0
bl			2.7
4			2.5
b			2.7
4			3.0
b			3.0
WL			2.2
TP	12.14		1.82
TP	7.95		0.96
WL	75' 5.0	Breaks	8.0
bl			8.0
4			7.4
b			7.7
4			7.6
bl			8.2
EL			8.7

Clough
13 Taylor
Drange

Cross section of Vine St (80')
from E S of India to East end

East Line of India (Graded)

	12.13	95.11		82.98	Bm vine & India
NL			13.1	82.0	×
bh			13.2	81.9	
4			13.0	82.1	
b			12.2	82.9	
4			12.4	82.7	
bh			12.3	82.8	
SL			12.2	82.9	
	2' E of India				
NL			10.0	85.1	×
bh			7.0	88.1	
4			4.7	91.4	
b			0.6	94.5	
	25' E of India				
NL			8.0	87.1	×
bh			4.0	91.1	
4			1.0	94.1	

POSTED

95.11 Vine St

	50' E of India				
NL			5.7	89.4	×
bh			1.5	93.6	
TP	11.42	105.84	0.69	94.42	
	2' E of India				
S 1/4			9.0	96.8	
bh			7.3	98.5	
SL			5.9	99.9	
	25' E of India				
SL			2.9	92.9	
bh			4.6	91.2	
4			6.9	98.9	
b			9.2	96.6	
	50' E of India				
N 1/4			9.6	96.2	
b			7.0	98.8	
4			4.3	101.5	
bh			2.1	103.7	
SL			0.9	104.9	

POSTED

105.84

	75'	E of	India		
SL			+1.0	106.8	
bb			0.7	105.1	
y			2.6	103.2	
b			4.9	100.9	
y			8.4	97.4	
bb			11.0	94.8	
NL			13.7	90.1	×
	100'	E of	India		
NL			14.7	91.1	×
bb			10.7	95.1	
y			7.0	98.8	
b			3.8	92.0	
y			1.4	94.4	
TP	11.35	113.50	3.69	102.15	TP NO1
bb			6.8	106.7	
SL			4.6	108.9	

113.50 Vine 2

	125'	E of	India	
SL			3.2	112.3
bb			5.4	108.1
y			8.0	105.5
b			11.7	101.8
	150'	E of	India	
SL			2.1	111.4
bb			5.4	108.1
y			8.3	105.2
b			12.4	101.1
	175'	E of	India	
SL			2.4	111.1
bb			5.3	108.2
y			7.9	105.6
b			13.0	100.5

		113.50			
	200'	E of	India = WL	Columbia	(75')
SL			0.5	113.0	
bb			4.2	109.3	
y			8.2	105.3	
f			12.7	100.8	
TP			1.18	112.32	TP W02 200'
	1.03	103.18		102.15	TP W01
	125'	E of	India		
NL			12.5	90.7	×
bb			8.3	94.9	
y			4.4	98.8	
	150'	E of	India		
NL			13.5	89.7	×
bb			8.9	94.3	
y			4.3	98.9	

		103.18		Vine	st
	175'	E of	India		
NL			15.6	88.6	×
bb			10.3	92.9	
y			5.3	97.9	
TP	0.67	100.41	3.44	99.74	Sow 200' W03 (75)
	200'	E of	India = WL	Columbia	
NL			12.6	87.8	×
bb			8.2	92.2	
y			4.0	96.4	
	W bb of Columbia				
NL			10.3	90.1	×
bb			5.9	94.5	
y			2.0	98.4	
	W 1/4 of Columbia				
NL			7.4	93.0	×
bb			3.2	97.2	
y			0.0	100.4	

		100.41		
	center of Columbia			
N2		4.8	95.6	×
bb		1.1	99.3	
	2.41	115.73	112.32	TP at W02
	W bb of Columbia			
S2		2.2	113.5	
bb		6.3	109.4	
4		9.5	106.2	
b		14.2	101.5	
	W ¼ of Columbia			
S2		1.5	114.2	
bb		4.5	111.2	
4		8.4	107.3	
b.		12.7	103.0	
	center of Columbia			
S2		0.4	115.3	
bb		3.6	112.1	
4		6.8	108.9	

		115.73		
b		10.6	105.1	
2¼		12.7	103.0	
	E ¼ of Columbia			
N2		17.5	98.2	×
bb		13.8	101.9	
4		9.0	106.7	
b		6.8	108.9	
4		4.2	111.5	
bb		1.4	114.3	
	E bb of Columbia			
N2		15.0	100.7	×
bb		11.3	104.4	
4		6.7	109.0	
b		4.7	111.0	
4		1.9	113.8	

115.73

East Line of Columbia

RL			11.7	104.0	×
bb			7.7	108.0	
"			5.8	109.9	
b			3.2	112.5	
4			0.8	114.9	

25' E of Columbia

RL			4.4	111.3	×
bb			3.1	112.6	
"			2.0	113.7	

50' E of Columbia

RL			2.3	113.4	×
bb			1.0	114.7	
TP	12.43	124.75	0.44	115.29	W04

	12.43	124.75		112.32	TP W02

E ½ of Columbia

SL			7.8	116.9

E bb of Columbia

SL			5.4	119.4
bb			8.2	116.6

E Line of Columbia

SL			2.7	122.1
bb			7.1	117.7
4			9.7	115.1

25' E of Columbia

SL			0.0	124.8
bb			2.3	122.4
"			5.6	119.2
b			9.3	115.5
TP	12.59	136.85	0.39	124.36

TP W05

136.95

50' E of Columbia

SL	7.6	129.4
bl	10.4	126.6
4	13.4	123.6

75' E of Columbia

SL	4.3	132.7
bl	6.3	130.7
4	8.6	128.4
b	12.0	125.0

100' E of Columbia

SL	0.8	136.2
bl	2.8	134.2
4	5.4	131.6
b	8.1	128.9
4	12.6	124.4
TP	10.24	147.19
	0.00	136.95

TP No 3

147.19 Line 2

125' E of Columbia

SL	8.4	138.8
bl	10.7	136.5
4	12.1	135.1
b	14.2	133.0

150' E of Columbia

SL	5.4	141.8
bl	7.8	139.4
4	10.2	136.9
b	13.2	134.0

175' E of Columbia

SL	1.8	145.4
bl	4.2	143.0
4	7.3	139.9
b	10.4	136.8

		14719			
	200'	E =	W L	State St	(75')
SL			+0.2	147.4	
bh			2.3	144.9	
4			5.6	141.6	
b			10.0	137.2	
TP			10.6	146.13	TP State No 7
	10.83	126.12		115.29	TP No 4
	50'	E of Columbia			
Center			8.2	117.9	
N 1/4			9.7	116.4	
	75'	E of Columbia			
NL			12.6	113.5	×
bh			9.0	117.1	
4			5.8	120.3	
	100'	E of Columbia			
NL			9.6	116.5	×
bh			4.5	121.6	

		12612		Vine	
	125'	E of Columbia			
NL			6.4	119.7	×
bh			1.6	124.5	
4			+2.0	128.1	
	150'	E of Columbia			
TP	10.76	133.06	3.82	122.30	
NL			14.2	118.9	×
bh			7.6	125.5	
4			3.3	129.8	
	175'	E of Columbia			
NL			13.5	119.8	×
bh			7.1	126.0	
4			1.3	131.8	
	200'	E = W L of State St			(75')
NL			13.0	120.1	×
bh			6.2	126.9	
4			0.8	132.3	

133.06

	W bb of State st			
NL		13.1	120.0	×
bh		7.7	125.4	
4		2.6	130.5	
	W 1/4 of State st			
NL		12.8	120.3	×
bh		7.8	125.3	
4		3.0	130.1	
	Center of State st			
NL		11.6	121.5	×
bh		5.2	127.9	
4		0.4	132.7	
	E 1/4 of State st			
NL		7.9	125.2	×
bh		3.5	129.6	
	E bh of State			
NL		3.8	129.3	×
bh		3.6	129.5	

POSTED

145.63 Vine

TP	12.88	145.63	0.31	132.75	
	E Line of State st				
NL			12.4	133.2	×
bh			12.0	133.6	
4			9.7	135.9	
6			5.8	139.8	
	25' E of State st				
NL			6.0	139.6	×
bh			5.8	139.8	
4			4.3	141.3	
6			+0.5	146.1	
TP	+4.40	148.67	1.36	144.27	WO 8
			2.57	146.10	WO 7
	W bb of State st				
SL			0.0	148.7	
bh			2.6	146.1	
4			6.4	142.3	
6			11.6	137.1	

POSTED

		148.67			
	W 1/4 of State st				
SL			+0.8	149.5	
bh			2.0	146.7	
"			5.1	143.6	
b			9.3	139.4	
T	9.62	155.75		146.13	TP W07
	Center of State st				
SL			50'	150.8	
bh			7.3	148.5	
"			9.9	145.9	
b			15.4	140.4	
	E 1/4 of State st				
SL			4.0	151.8	
bh			6.4	149.4	
"			10.0	145.8	
b			14.0	141.8	
"			19.0	136.8	

		155.75		Vine
	E bl of State st			
SL			2.2	153.6
bh			6.3	149.5
"			10.7	145.1
b			15.2	140.6
"			19.2	136.6
	E Line of State st			
SL			0.5	155.3
bh			5.6	150.2
"			11.0	144.8
	25' E of State st			
SL			+1.5	157.2
bh			3.5	152.3
"			8.6	147.2

		155.75			
	50'	E of	Stab	St	
NL			6.8	149.0	×
bb			6,0	149.8	
"			5,0	150.8	
b			2,0	153.8	
TP	12.62	167.87	0.50	155.25	
"			11.6	156.3	
bb			7.7	160.2	
SL			6.0	161.9	
	75'	E of	Stab	St	
SL			1,4	166.5	
bb			3,1	164.8	
"			5,6	162.3	
b			9,1	158.8	
"			12,0	155.9	
bb			12,6	155.3	
NL			10.0	156.9	×

		167.87		Vin	
	100'	E of	Stab	St	
NL			1,5	166.4	×
bb			0,8	167.1	
"			0.5	167.4	
TP	12.90	180.61	0,16	167.71	
b			12.4	168.2	
"			11.8	168.8	
b			11,0	169.6	
SL			10,2	170.4	
	125'	E of	Stab	St	
SL			6,3	174.3	
bb			6,8	173.8	
"			7,2	173.4	
b			7,8	172.8	
"			8,2	172.4	
bb			9,8	170.8	
NL			10,7	169.9	×

		18061			
	150'	E of	Stab	st.	
NL			3,5	177.1	×
bl			2,8	177.8	
"			2,5	178.1	
b			2,8	177.8	
"			2,7	177.9	
bl			2,2	178.4	
SL			1,0	179.6	
TP	12,12	191.75	0.98	179.63	
	175'	E of	Stab	st	
SL			7,0	184.8	
bl			8,5	183.3	
"			10,0	181.8	
b			11,0	180.8	
"			11,0	180.8	
b			11,3	180.5	
NL			12,0	179.8	×

		19175		Vine	
	200'	E = W L Union		(75')	
NL			5,4	186.4	×
bl			4,6	187.2	
"			3,6	188.2	
b			2,2	189.6	
"			1,9	189.9	
bl			2,0	189.8	
SL			1,0	190.8	
TP	1262	203.43	0,94	190.81	
	W. Curb of Union				
SL			9,2	194.2	
bl			9,6	193.8	
"			10,0	193.4	
b			10,0	193.4	
"			10,4	193.0	
bl			12,1	191.3	
NL			14,0	189.4	×

POSTED

		203.43		
	W 1/4 of Union			
NL			10,9	192.5 ×
bl			9,3	194.1
"			8,3	195.1
b			7,8	195.6
"			6,4	197.0
bl			5,6	197.8
SL			5,6	197.8
	Center of Union st			
SL			2,0	201.4
bl			2,0	201.4
"			2,8	200.6
b			4,1	199.3
"			4,7	198.7
bl			6,2	197.2
NL			7,6	195.8 ×

		203.43		Vein
	E 1/4 of Union			
NL			5,2	198.2 ×
bl			3,6	199.8
"			2,5	200.9
b			0,8	202.6
TP	11.95	214.43	0.95	202.48
"			11,3	203.1
bl			10,2	204.2
SL			9,2	205.2
	E bl of Union st			
SL			6,6	207.8
bl			7,0	207.4
"			7,6	206.8
b			8,1	206.3
"			8,2	206.2
bl			9,7	204.7
NL			12,6	201.8 ×

		21443		
	E line of	Union st		
NL			9,2	205.2
bl			8,0	206.4
"			7,4	207.0
b			5,7	208.7
"			4,7	209.7
bl			4,0	210.4
SL			3,6	210.8
	25'	E of	Union	
SL			+0,4	214.8
bl			+0,6	215.0
"			0,0	214.4
b			0,0	214.4
"			1,2	213.2
bl			1,8	212.6
NL			3,7	210.7
TP	11,36	22488	0,91	213.52

		22488		Vine
	50'	E of	Union	
NL			9,5	215.4
bl			8,0	216.9
"			6,8	218.1
b			5,7	219.2
"			4,8	220.1
bl			4,0	220.9
SL			3,4	221.5
TP	8,50	23243	0,95	223.43
	75'	E of	Union	
SL			5,3	227.1
bl			5,2	227.2
"			6,2	226.2
b			7,0	225.4
"			8,1	224.3
bl			10,4	222.0
NL			12,4	220.0

23243

	100' E of Union				
NL			9,5	222.9	
bl			7,9	224.5	
"			6,3	226.1	
b			5,3	227.1	
"			5,0	227.4	
bl			3,4	229.0	
SL			2,7	229.7	
	115 E of Union on Swift (Pueblo Line)				
SL	115' E		0,5	231.9	
bl			1,5	230.9	
"			2,0	230.4	
b			3,1	229.3	
"			4,5	227.9	
bl			6,0	226.4	
NL	110' E		8,0	224.4	
TP			7,83	224.60	Hub 110' NL

POSTED

Alley Blk 4.

C-D-24th-25th Crosssections

2/29/08 {Hatch, Williams, Emery}

Platted 1/20/09

						199.86		
Bon.	2.98	199.44		191.46	Spk in Elec Post 25th ℄	50' W		
	10.19	199.86	4.77	189.67		N	4.9	195.0
		W. L. 25th				+10	5.7	194.2
N.			7.0	192.9		S	5.2	194.7
+5			7.2	192.7		75' W		
+6			9.2	190.7		N	4.7	195.2
+15			9.3	190.6		+10	5.2	194.7
+16			7.0	192.9		S	4.9	195.0
S			6.9	193.0		100' W		
		25' W				N	4.4	195.5
N			5.6	194.3		+10	4.9	195.0
+5			5.7	194.2		S	5.0	194.9
+6			6.9	193.0		125' W		
+14			6.9	193.0		N	4.6	195.3
+15			5.8	194.1		+10	5.0	194.9
S			5.9	194.0		S	4.7	195.2

POSTED

199.86

150' W

N	4.7	195.2
+10	5.0	194.9
S	5.0	194.9

175' W

N	5.1	194.8
+10	5.4	194.5
S	5.4	194.5

200' W

N	5.8	194.1
+10	6.4	193.5
S	6.3	193.6

225' W

N	6.5	193.4
+10	7.0	192.9
S	6.8	193.1

199.86

250' W

N	6.8	193.1
+10	7.3	192.6
S	7.1	192.8

275' W

N	7.4	192.5
+10	7.5	192.4
S	7.5	192.4

Cement drive on south

300' W

N	7.8	192.1
+10	8.0	191.9
S	7.7	192.2
T.P. 1.68	193.71	7.83 / 192.03

325' W

N	2.2	191.5
+10	2.0	191.7
S	2.2	191.5

193.71

350' W

N	2.7	191.0
+10	2.7	191.0
S	2.4	191.3

375' W

N	3.4	190.3
+10	3.1	190.6
S	2.9	190.8

400 W

N	3.8	189.9
+10	3.8	189.9
S	3.5	190.2

425' W.

N	4.4	189.3
+10	4.5	189.2
S	4.3	189.4

193.71

450 W

N	5.4	188.3
+10	5.3	188.4
S	5.1	188.6

475' W.

N	6.6	187.1
+10	6.4	187.3
S	6.0	187.7

493 W E. end of Asphalt Paving.

N	7.7	186.0
+10	7.8	185.9
S	7.6	186.1

537' W Break in grade of Paving

N	8.9	184.8
+10	9.2	184.5
S	8.9	184.8

		193.71			
		575' W			
N			12.2	181.5	
+6 to Bitumen			12.5	181.2	
+10			12.6	181.1	
S			12.3	181.4	
T.P.	10.6	183.09	11.68	182.03	
		600' W =	52.24		
N			2.6	180.5	
+6 = Bitumen			4.4	178.7	
+10			4.8	178.3	
S			4.5	178.6	
					check
BM NW 24th C SE Cor Cement Post			1.70	181.39	181.36

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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