ILLINOIS ST.
EL CAJON – UNIVE...

LINCOLN AVE.
POLK AVE.
HOWARD AVE.
} PARK TO BOUNDARY

~~JACKSON~~ AVE.
MEADE
ARIZONA – BOUNDARY.

400

LEVEL

190

F.B. 190

190

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

Minutes	Lks.	Minutes	Lks.	Minutes	Lks.
1	2⅓	21	49	41	95⅔
2	4⅔	22	51⅓	42	98
3	7	23	53⅔	43	100⅓
4	9⅓	24	56	44	102⅔
5	11⅔	25	58⅓	45	105
6	14	26	60⅔	46	107⅓
7	16⅓	27	63	47	109⅔
8	18⅔	28	65⅓	48	112
9	21	29	67⅔	49	114⅓
10	23⅓	30	70	50	116⅔
11	25⅔	31	72⅓	51	119
12	28	32	74⅔	52	121⅓
13	30⅓	33	77	53	123⅔
14	32⅔	34	79⅓	54	126
15	35	35	81⅔	55	128⅓
16	37⅓	36	84	56	130⅓
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
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TABLE FOR RUNNING ON SLOPES.

In the following table the first column shows the angle, the second the number of links to be added to a chain on the slopes, to make one chain, horizontal measurement.

Angle	Cor. in Links	Angle	Cor. in Links	Angle	Cor. in Links	Angle	Cor. in Links
o		o		o		o	
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

190

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ILLINOIS ST.

COVERT.
WETMORE.
MOORE

EL CAJON — UNIVERSITY.
12/8/05

	1.04	367.55		366.51
O	= S. L. EL CAJON			
37.5-S				
87.5-S				
137.5-S				
187.5-S				
237.5 S				
287.5 S				
337.5 S	= N. L. HOWARD			
			6.36	361.19
357.5-S	C. L. HOWARD			
372.5-S				
377.5 S	C. L. HOWARD			
	S. L. HOWARD			
50-S				
100-S				
150-S				
	12.88	372.56	7.87	359.68

E. L.		C. L.		W. L.	
					2
N. W.	EL CAJON & ILLINOIS – HUB –				
2.1	365.8	2.3	365.3	2.7	364.9
2.6	365.0	3.0	364.6	3.1	364.5
3.4	364.2	4.0	363.6	3.9	363.7
4.4	363.2	4.5	363.1	5.1	362.5
4.9	362.7	5.2	362.4	5.2	362.4
5.9	361.7	6.1	361.5	6.2	361.4
6.5	361.1	6.7	360.9	6.5	361.1
6.1	361.5	6.7	360.9	6.3	361.3
N. W.	ILLINOIS & HOWARD – HUB.				
7.1				6.3 5.8	
7.1	360.5	7.0	360.6	5.2	362.4
7.2	360.4	6.7	360.9	6.4	361.2
7.3	360.3	7.0	360.6	6.6	361.0
7.7	359.9	7.4	360.2	7.1	360.5
8.1	359.5	7.4	360.2	6.7	360.9

ILLINOIS ST.

372.56

			E.L.		C.L.		W.L.	3
150-S			13.2	359.4	12.5	360.1	11.8	360.8
200-S			12.4	360.2	12.0	360.6	11.4	361.2
250-S			12.0	360.6	11.6	361.0	11.0	361.6
300-S			11.4	361.2	10.8	361.8	10.4	362.2
350-S			10.8	361.8	10.1	362.5	9.3	363.3
400-S			9.7	362.9	9.1	363.5	8.3	364.3
450-S			9.2	263.4	8.3	364.3	7.6	365.0
500-S			8.2	264.4	7.2	265.4	6.4	366.2
550-S	= N.L.	POLK	7.4	365.2	6.5	366.1	5.9	366.7
600-S	= N.L.	POLK	6.6	366.0	5.9	366.7	5.4	367.2
	C.L.	POLK	6.3	366.3	5.7	366.9	5.4	367.2
	S.L.	POLK	6.6	366.0	6.2	366.4	5.2	367.4
40-S			5.2	367.4				
50-S			5.6	367.0	6.5	366.1	5.6	367.0
100-S			6.5	366.1	6.3	366.3	6.1	366.5
150-S			6.6	366.0	6.3	366.3	6.4	366.2
200-S			6.8	365.8	6.8	365.8	6.7	365.9

		ILLINOIS		ST	E.L.		C.L.		W.L	
		372.56								
240-S									6.6	366.0
250-S					7.0	365.6	7.2	365.4	5.9	366.7
265-S									7.6	365.0
300-S					7.7	364.9	7.6	365.0	7.8	364.8
	2.57	366.50	8.63	363.93						
350-S					2.0	364.5	2.4	364.1	2.5	264.0
380-S									3.2	363.3
400-S					2.4	364.1	2.7	363.8	2.5	364.0
450-S					2.8	363.7	2.9	363.6	2.2	364.3
480-S					3.7	362.8				
500-S					2.7	363.8	2.5	364.0	2.8	363.7
550-S					3.5	363.0	3.7	362.8	3.7	362.8
575-S									3.8	362.7
590-S									2.5	364.0
600-S	= N. L. LINCOLN				3.9	362.6	4.1	362.4	3.3	363.2
	C. L. LINCOLN				4.2	362.3	4.1	362.4	3.9	362.6
0	S. L. LINCOLN				4.0	362.5	4.3	362.2	3.5	363.0

ILLINOIS ST.

366.50

			E.L.		C.L.		W.L.	
			S.W. LINCOLN & ILLINOIS - PLUG					
	3.45	363.05						
50-S			4.5	362.0	4.5	362.0	4.3	362.2
85-S			3.4	363.1				
100-S			4.7	361.8	4.6	361.9	4.5	362.0
145-S							5.0	361.5
150-S			4.9	361.6	3.8	362.7	4.0	362.5
170-S			3.5	363.0	5.4	361.1		
155-S							3.5	363.0
165-S							5.3	361.2
190-S					4.5	362.0	5.1	361.4
200-S			5.2	361.3	5.2	361.3	4.1	362.4
205-S							3.7	362.8
215-S							5.5	361.0
250-S			5.4	361.1	4.2	362.3	5.2	361.3
265-S					3.8	362.7		
280-S							5.5	361.0
290-S			4.9	361.6				

ILLINOIS ST.

366.50

300-S					
325-S					
350-S					
390-S					
400-S					
420-S					
440-S					
425-S					
450-S					
475-S					
500-S					
530-S					
550-S					
600-S = N.L. UNIVERSITY.					
		3.95	362.55	362.55 362.55 .00 OK	

E.L.		C.L.		W.L	
5.4	361.1	6.1	360.4	4.7	361.8
		5.1	361.4		
5.5	361.0	5.9	360.6	6.0	360.5
6.3	360.2				
5.9	360.6	6.2	360.3	6.5	360.0
				7.4	359.1
7.1	359.4				
				6.9	359.6
6.8	359.7	7.1	359.4	7.5	359.0
		6.8	359.7		
7.6	368.9	7.8	358.7	7.7	358.8
		6.9	359.6		
8.1	358.4	8.5	358.0	7.5	359.0
8.5	358.0	8.3	358.2	8.8	357.7

N.W. COR. IOWA. & LINCOLN HUB

LINCOLN AVE

BOUNDARY – PARK BLD. { COVERT, WETMORE, MOORE

12/8/05

	9.26	351.71	342.65
	7.12		344.79

26 - E. OF W.L. WISCONSIN = W.L. BOUNDARY.

35 E. OF W.L. WISCONSIN = W.L. BOUNDARY.

0 = W.L. WISCONSIN

50-W

100-W

150-W

200-W

250-W

300-W = E.L. MISSOURI

+10

+20

+30

+40 = C.L. MISSOURI

+55

0 = W.L. MISSOURI

N.L.		C.L.		S.L.
N.W.	MISSOURI & LINCOLN. – HUB.			
S.W.	WISCONSIN & LINCOLN – HUB			
		7.8	344.1	
8.1	343.8			
8.0	343.9	7.1	344.8	
5.9	346.0	6.4	345.5	
5.5	346.4	6.7	345.2	
5.5	346.4	7.6	344.3	
5.6	346.3	7.9	344.0	
7.0	344.9	8.9	343.0	
7.8	344.1	9.8	342.1	
		10.5	341.4	
		12.0	339.9	
		8.8	343.1	
8.1	343.8	8.3	343.6	
		8.6	343.3	
9.3	342.6	6.4	345.5	

LINCOLN

351.91

					N.L.			S.L	
10-w					11.1	340.8			
20-w					8.8	343.1		4.7	347.2
25-w					7.1	344.8			
30-w								2.4	349.5
50-w					3.6	348.3		0.6	351.3
70-w					1.1	350.8			
	12.86	364.13	0.64	351.27					
100-w					11.0	353.1		8.9	355.2
130-w								7.5	356.6
150-w					7.2	356.9		6.6	357.5
200-w					4.2	359.9		4.2	359.9
250-w					3.1	361.0		3.5	360.6
290-w					2.5	361.6		3.3	360.8
300-w	= E.L. IOWA				1.7	362.4		2.0	362.1
+05					1.1	363.0		2.8	361.3
+10					2.3	361.8		2.1	362.0
+22					2.0	362.1		2.6	361.5

LINCOLN AVE.

364.13

+23					
+40	= C.L. IOWA.				
+54					
+55					
0	= W.L. IOWA				
		1.57	362.56	362.51 362.55 .01	
50-W					
100-W					
125-W					
150-W					
	4.81	367.74	1.22	362.91	
175-W					
200-W					
250-W					
300-W	= E.L. ILLINOIS				
+40	= C.L. ILLINOIS				
+70					

N.L			S.L	
3.0	361.1		3.4	360.7
2.1	362.0		2.5	361.6
2.7	361.4		3.4	360.7
1.8	362.3		2.0	362.1
1.6	362.5		1.6	362.5
1.4	362.7		1.6	362.5
1.2	362.9		2.2	361.9
1.8	362.3		1.5	362.6
0.9	363.2		1.9	362.2
			4.7	363.0
4.5	363.2		5.2	362.5
5.0	362.7		5.0	362.7
5.1	362.6		5.4	362.3
5.3	362.4		5.5	362.2
4.1	363.6			

LINCOLN AVE

367.72

+75

0 = W. L. ILLINOIS

4.67 363.05

30-W

50-W

60-W

100-W

120-W

140-W

150-W

175-W

185-W

195-W

200-W

210-W

220-W

240-W

N. L			S. L	
			5.4	362.3
4.5	363.2		4.7	363.0
S.W.	ILLINOIS & LINCOLN - HUB.			
			5.2	362.5
4.9	362.8		3.3	364.4
			5.3	362.4
5.0	362.7		5.1	362.6
3.7	364.0			
5.0	362.7			
4.1	363.6		5.3	362.4
5.0	362.7			
			5.6	362.1
			4.4	363.3
5.0	362.7		4.4	363.3
			5.3	362.4
			5.5	362.2
			3.3	364.4

LINCOLN ST

367.72

250-W

270-W /

295-W

300-W = E. L. OHIO

+20

+30

+40 = C. L. OHIO

+50

0 = W. L. OHIO

5.73 361.99

20-W

45-W

50-W

60-W

100-W

140-W

150-W

A. L.		S. L.	
4.5	363.2	3.3	364.4
5.1	362.6	5.6	362.1
		2.7	365.0
4.9	362.8	2.9	364.8
		6.0	361.7
4.3	363.4	5.7	362.0
3.7	364.0	3.9	363.8
		3.5	364.2
5.3	362.4	5.7	362.0

S.W. LINCOLN & OHIO

5.3	362.4	6.0	361.7
		4.4	363.3
3.5	364.2	5.3	362.4
5.1	362.6		
5.0	362.7	6.1	361.6
5.7	362.0	6.1	361.6
4.5	363.2	4.9	362.8

LINCOLN AVE

367.72

160 - W

175 - W

200 - W

210 - W

230 W

250 - W

275 - W

295 - W

300 - W = E.L. - 30TH

7.08	368.27	6.53	361.19

#15 - W

#20 - W

+40 = C.L. - 30TH

+50

0 = W.L. 30TH ST

15 - W

25 - W

W.L.		S.L.	
4.3	363.4		
5.6	362.1	6.9	360.8
4.4	363.3	6.2	361.5
5.7	362.0	6.8	360.9
		5.8	361.9
5.3	362.4	7.3	360.4
6.1	361.6	6.7	361.0
		7.4	360.3
6.2	361.5	6.6	361.1

S.E. LINCOLN & 30TH

		6.6	361.7
5.9	362.4		
6.4	361.9	8.0	360.3
		7.9	360.4
6.0	362.3	6.7	361.6
		7.4	360.9
5.3	363.0		

LINCOLN AVE.

368.27

30-W			N.L		
40-W					
50-W			6.2	362.1	
80-W			5.7	362.6	
100-W			4.3	364.0	
150-W			5.7	362.6	
190-W			5.6	362.7	
200-W					
210-W			5.5	362.8	
220-W					
240-W					
250-W			3.8	364.5	
275-W			5.4	362.9	
300-W = E.L. KANSAS					
	5.30	362.97	5.3	363.0	
+10					
+25			5.7	362.6	

S.L			
6.9	361.4		
7.3	361.0		
6.7	361.6		
6.4	361.9		
6.1	362.2		
4.8	363.5		
4.6	363.7		
6.0	362.3		
4.4	363.9		
6.3	362.0		
5.9	362.4		
~~4~~			
6.0	362.3		

LINCOLN AVE.

368.27

+40 = C.L. KANSAS			N.L.		S.L.	
+45			3.3	365.0	5.0	363.3
+65					6.2	362.1
+60			5.0	363.3		
+80 = 0 = W.L. KANSAS			6.		6.2	362.1
5-W			4.0	364.0	5.4	362.9
20-W					6.3	362.0
50-W			4.6	363.7		
60-W			3.6	364.7	6.1	362.2
85-W			4.1	364.2		
80-W					5.6	362.7
100-W			2.9	365.4		
110-W			3.9	364.4	4.9	363.4
140-W					4.6	363.7
150-W			4.0	364.3		
165-W			3.0	365.3	5.1	363.2
160-W			3.9	364.4		
					5.6	362.7

LINCOLN AVE.

368.27

185-W

190-W

195 W

200-W

210-W

220-W

250-W

290-W

300-W = E.L. UTAH

+24

+25

+40 = C.L. UTAH

+55

+56

+80 = 0 = W.L. UTAH

1.57 366.21 3.63 364.64

10-W

N.L		W.L.	
		5.0	362.3
3.2	365.1		
		3.5	364.8
3.1	365.2	4.3	364.0
4.4	363.9	4.5	363.8
		5.8	362.5
3.8	364.5	5.6	362.7
3.7	364.6		
3.6	364.7	5.8	362.5
4.2	364.1	5.5	362.8
4.7	363.6	6.6	361.7
4.2	364.1	6.0	362.3
5.0	363.3	6.1	362.2
4.2	364.1	5.6	362.7
4.2	364.1	6.5	361.8
N.E.	LINCOLN & UTAH	HOB	
		5.1	361.1

LINCOLN AVE.

366.21

50-W		N.L		S.L	
75-W		1.7	364.5	4.8	361.4
90-W		1.4	364.8		
100-W				3.7	362.5
150-W		2.7	363.5	4.2	362.0
190-W		3.1	363.1	4.4	361.8
200-W				4.6	361.6
225-W		3.6	362.6	4.2	362.0
245-W		4.1	362.1	4.7	361.5
250-W				3.8	362.4
260-W		3.9	362.9	4.2	362.0
280-W				4.8	361.4
300-W = E.L. IDAHO				3.6	362.6
+15-		3.9	362.9	5.5	360.7
+25				4.3	361.9
+40 = C.L. IDAHO		3.5	362.7		
+80 = 0 = W.L IDAHO		4.5	361.7	6.0	360.2
				6.0	360.2

LINCOLN AVE.

366.21

		4.54	361.67
40-W			
50-W			
75-W			
100-W			
150-W			
160-W			
200-W			
250-W			
	0.22	353.97 12.46	353.75
300-W. = E. L. OREGON			
C. L. OREGON			
W. L OREGON			
		6.63	347.34
50-W			
100-W			
	0.10	341.09 12.98	340.99

N. L S. L

N.W. LINCOLN & IDAHO - HUB

5.2	361.0		
5.5	360.7	6.3	359.9
		6.9	359.3
7.0	359.2	6.9	359.3
8.5	357.7	9.2	357.0
7.9	358.3		
8.9	357.3	10.8	355.4
4.3	361.9	12.5	353.7
1.2	352.8	2.9	351.1
2.6	351.4	4.9	349.1
3.9	350.1	6.6	347.4

S.W. LINCOLN & OREGON - HUB.

7.7	346.3	8.0	346.0
11.5	342.5	13.6	340.4

LINCOLN AVE.

341.09

150-W

200-W

250-W

265-W

0.78 329.23 12.64 328.45

300-W = E.L. CALIF.

C.L. CALIF.

0 W.L. CALIF.

5.82 323.41

50-W

100-W

135-W

150-W

200-W

250-W

300-W = E.L. ARIZONA.

+10

N.L. S.L.

2.2 238.9 5.1 336.0

6.7 234.4 9.0 332.1

10.5 330.6 12.1 329.0

11.6 329.5

1.9 327.3 3.7 325.5

4.0 325.2 5.6 323.6

5.8 323.4 6.7 322.5

N.W. LINCOLN & CALIF. — HUB.

6.8 322.4 8.1 321.1

7.5 321.7 8.7 320.5

7.0 322.2

8.0 321.2 9.5 319.4

8.7 320.5 10.6 318.6

9.1 320.1 10.5 318.7

10.3 318.9 10.6 318.6

9.4 319.8

LINCOLN AVE

329.23

	C.L.	ARIZONA.		
O	W.L.	ARIZONA.		
			11.56	317.67
30-W				
50-W				
100-W				
150-W				
200-W				
250-W				
300-W	E.L	TEXAS.		
	C.L	TEXAS		
O	W.L	TEXAS.		
	0.27	316.54	12.96	316.27
50-W				
100-W				
150-W				
200-W				

316.37
316.27
.10

N.L		S.L	
10.2	319.0	11.1	318.1
10.3	318.9	11.5	317.7
S.W. LINCOLN & ARIZONA		HUB.	
9.9	319.3		
10.8	318.4	12.0	317.2
11.0	318.0	12.7	316.5
11.4	317.7	13.3	315.9
11.4	317.7	12.8	316.4
10.6	318.6	11.3	317.9
10.7	318.5	11.4	317.8
11.7	317.5	12.1	317.1
12.0	317.2	13.0	316.2
S.W. LINCOLN & TEXAS			
1.4	315.1	2.3	314.2
3.2	313.3	4.1	312.4
5.2	311.3	6.0	310.5
8.2	308.3	8.3	308.2

LINCOLN AVE.

316.54

250-W					
	0.50	304.01	13.03	303.51	
300-W. =	E.L.	LOUISIANA.			302.35 302.24 .11
-			1.77	302.24	
+40	C.L	LOUISIANA.			
+50					
0 =	W.L.	LOUISIANA.			
50-W					
100-W					
140-W					
150-W					
200-W					
	0.22	291.44	12.79	291.22	
160-W					
175-W					
180-W					
200-W					

N.L		S.L	
10.6	305.9	10.8	305.7
1.8	302.2	1.0	303.0
N.E. COR. LINCOLN & LOUISIANA - HUB.			
4.2	299.8	3.1	300.9
4		3.7	300.3
6.4	297.6	5.6	298.4
8.0	296.0	6.2	297.8
9.1	294.9	7.5	296.5
11.8	292.2		
13.8	290.2	9.1	294.9
		11.0	293.0
12/9/05			
2.9	288.5		
5.3	286.1		
7.6	283.8		
14.5	276.9		

LINCOLN AVE.

291.44

220-W				N.L		S.L	
230-W				14.4	277.0		
250-W						0.8	290.6
275-W				8.4	283.0	2.7	288.9
300-W	= E.L.	MISSISS.		4.4	287.0		
+30				4.2	287.2	10.1	281.3
+40	= C.L.	MISSISS				14.5	276.9
+50				4.6	284.8	18.5	272.9
+55						18.5	272.9
+65						17.0	274.0
0	= W.L.	MISSISS.				15.2	276.2
25-W				4.2	287.2	15.1	276.3
		4.17	287.27			13.6	277.8
50-W				N.W. COR. LINCOLN & MISSISS.			
100-W				3.9	287.5	12.2	279.2
125-W				0.5	290.9	7.6	283.8
150-W						6.1	286.3
						4.1	287.3

LS — LINCOLN AVE.

	5.74	296.96	0.22	291.22
100-W				
150-W				
185-W				
190-W				
200-W				
205-W				
220-W				
250-W				
300-W =	E.L.	ALABAMA.		
	C.L.	ALABAMA.		
	W.L.	ALABAMA		
	0.23	284.43	12.76	284.20
	C.L.	ALABAMA.		
0	W.L.	ALABAMA		
50-W				
100-W				

N.L. — S.L.

5.8	291.2		
4.0	293.0		
3.5	293.5		
0.7	296.3		
0.4	296.6	9.7	287.3
0.3	296.7		
4.4	292.6		
5.8	291.2	11.2	285.2
7.7	289.3	12.8	284.2
9.1	287.9		
10.4	286.6		
S.F.	LINCOLN & ALABAMA	- HUB	
		1.8	282.8
		2.6	281.8
0.4	284.0	3.9	280.5
3.2	281.2	6.2	278.2

		LINCOLN AVE.				N.L		S.L
		284.43						
150-W						7.6	276.8	9.9 274.5
	℄ 0.44	272.03	12.84	271.59				
200-W						1.6	270.4	2.7 269.3
215-W						3.5	268.5	
250-W						5.0	267.0	5.8 263.2
265-W						5.9	266.1	
280-W						5.3	266.7	7.5 264.5
300-W	= E.L.	FLORIDA				7.8	264.2	9.5 262.5
+10								10.7 261.3
+12								14.8 257.2
+15								16.3 255.3
+16								15.4 256.6
+20						10.7	261.3	12.3
+40	= C.L.	FLORIDA				10.7	261.3	12.3 259.7
+50						10.5	261.5	10.4 261.6
0 =	W.L.	FLORIDA				12.0	260.0	
10-W						11.2	260.8	

LINCOLN AVE.

		272.03		
15-W				
20-W				
			8.38	263.65
30-W				
50-W				
	13.01	284.93	0.11	271.92
50-W				
100-W				
115-W				
125-W				
150-W				
	13.00	297.80	0.13	284.80
150-W				
160-W				
180-W				
200-W				
220-W				

N.L.		S.L.	
12.7	259.3		
11.8	260.2		
S.M. LINCOLN & FLORIDA = HUB			
4.3	267.7		
		1.4	270.6
11.7	273.2		
7.3	274.6	8.5	276.4
6.5	278.4		
		5.4	279.5
0.3	284.6		
		12.2	285.6
11.7	286.1		
7.0	290.8	7.3	290.5
4.9	292.9	5.6	292.2
2.2	295.6		

LINCOLN AVE

					N.L		S.L	
210-w								
	12.98	310.74	0.04	297.76			R.S	295.3
230-w					13.2	297.5		
245-w					6.0	304.7	6.0	304.7
235-w							5	
240-w							5.3	305.4
250-w							8.5	302.2
255-w					5.1	305.6	8.2	302.5
275-w					6.8	303.9		
300-w	13.26	323.89	0.17	310.63	6.3	304.4		
300	= E.L.	GEORGIA			N.E. GEORGIA - LINCOLN ON HUB			
+40	C.L.	"			13.3	310.6	0.2	313.7
					4.6	319.3	0.2	323.7
	12.99	336.59	0.29	323.60				
+60					11.9	324.7		
0	= W.L.	GEORGIA.			9.3	327.3	5.9	330.7
20-w							3.3	333.3
15-w					6.3	327.3		

LINCOLN AVE.

336.59

50-W

100-W

150-W

200-W

250-W

300-W = E. L. PARK

3.51	333.08
2.05	334.54

N.L.

3.0	333.6
1.7	334.9
1.7	334.9
2.2	332.4
2.6	334.0
3.8	332.8

S.L.

2.3	334.3
1.7	334.9
2.2	334.4
3.2	333.4
4.0	332.6
5.3	331.3

N.E. PARK BLD. & LINCOLN 3" NAIL IN PHONE POLE

POLK AVE

COVERT
WETMORE
MOORE

PARK BLD. – BOUNDARY ST.
12/9/05

	7.62	342.16		334.54
0			4.32	337.84
0 =	E.L. PARK BLD.			
50-E				
100-E				
150-E				
200-E				
220-E				
240-E				
245-E				
250-E				
300-E =	W. L. GEORGIA			
	C. L	"		
0	E. L.	"		
50			6.83	335.33
10-E				
	0.05	329.29	12.92	329.24

N.L.		C.L		S.L	
N.E.	POLK & PARK	ON HUB			
4.3	337.9	4.2	338.0	4.6	337.6
5.3	336.9	4.7	337.5	5.6	336.6
5.1	337.1	5.0	337.2	5.4	336.8
5.3	336.9	4.8	337.4	4.8	336.4
5.0	337.2	4.5	337.7	5.2	337.0
3.4	338.8				
				4.9	337.3
5.2	337.0				
4.7	337.5	4.8	337.4	3.6	338.6
4.7	337.5	4.7	337.5	4.7	337.5
5.3	336.9	5.2	337.0	4.9	337.3
6.1	336.1	7.3	334.9	6.8	335.4
S.E.	GEORGIA & POLK	ON HUB			
6.9	335.3				

POLK AVE.

329.29

50-E				
	0.33	316.47	13.15	316.14
100-E				
135-E				
140-E				
145-E				
150-E				
	0.09	303.53	13.03	303.44
200-E				
	0.16	290.59	13.10	290.43
250-E				
295-E				
300-E	= W.L. FLORIDA			
+5				
	4.04	281.48	13.14	277.45
+30				
+25				

N.L.		C.L.		S.L.	
1.7	327.6	2.7	326.6	4.1	325.2
0.6	315.9	0.2	316.3	2.2	314.3
6.5	310.0				
10.7	305.8				
9.7	306.8				
10.7	305.8	9.9	306.6	11.8	304.7
4.6	298.9	6.2	297.3	7.8	295.7
0.4	290.2	0.9	289.7	3.1	287.5
				9.9	280.7
8.1	282.5	10.1	280.5	11.0	279.6
10.4	280.2				
6.1	275.4	5.4	274.3		
				6.8	274.1

POLK AVE.

281.49

±40	C.L. FLORIDA.			
+50				
+60				
	E.L. FLORIDA			
0.1' E				
10' E				
15-E				
20 E				
25-E				
30-E				
35-E				
43-E				
44-E				
50-E				
70-E				
100-E				
150-E				
	12.75	294.13	0.11	281.38

N.L.		C.L.		S.L.	
5.5	276.0	6.0	275.5	7.1	274.4
5.8	275.7			7.7	273.8
9.2	272.3			10.1	271.4
8.9	272.6	7.7	273.8	10.0	271.5
		11.9	269.6		
9.9	271.6				
11.8	269.7				
		11.3	270.2		
9.6	271.9	9.5	272.0		
				11.2	270.3
				13.1	268.4
				13.0	268.5
				10.8	270.7
8.2	273.3	8.5	273.0	10.2	271.3
				8.2	273.3
5.8	275.7	5.5	376.0	6.5	275.0
2.6	278.9	3.3	378.2	2.5	279.0

POLK AVE.

294.13

200-E

230-E

250-E

275-E

300 E = W.L ALABAMA

+20

+40 C.L. ..

+55

+65

13.11 307.21 0.03 294.10

13.02 294.19

E.L ALABAMA

20-E

35-E

50-E

80-E

100-E

N.L.		C.L.		S.L	
12.2	281.9	12.1	282.0	12.4	281.7
		11.3	282.8	10.3	283.8
9.2	284.9	8.2	285.9	7.9	286.2
		8.1	286.0		
6.3	287.8	5.5	288.6	5.0	289.1
		2.6	291.5	2.5	291.6
2.4	291.7	2.2	291.9	2.0	292.1
				1.5	292.6
				0.0	294.1

N.E LINCOLN & ALABAMA ON HUB

13.0	294.2	12.4	294.8	12.7	294.5
				12.5	294.7
				10.7	296.5
9.9	297.3			10.8	296.4
				9.0	298.2
5.5	301.7			6.6	300.6

POLK AVE.

307.27

125 - E.				
150 - E				
175 - E				
200 - E				
250 - E				
	6.30	313.49	0.02	307.19
270 - E				
295 - E				
300 - E = W. L MISSISS.				
+15				
+30				
+40 = C. L MISSISS				
+50				
+70				
E.L - MISSISS.			2.85	310.64
10 - E				

N.L		S. L	
6.0	301.2	7.2	300.0
4.1	303.1	4.5	302.7
4.5	302.7	4.7	302.5
2.9	304.3	3.4	303.8
0.7	306.5	0.9	306.3
5.1	308.4		
5.6	307.9		
4.6	308.9	5.8	307.7
3.7	309.8		
		4.8	308.7
4.2	309.3	3.4	310.1
		2.7	310.8
		3.7	309.8
1.9	311.6	2.9	310.6
S.E. LINCOLN & MISSIS.		ON. HUB.	
2.7	310.8		

POLK AVE

313.49

		N. L		S. L	
35-E		1.5	312.0		
50-E		1.8	311.7	2.8	310.7
75-E		0.0	313.5		
80-E				2.3	311.2
100-E		1.1	312.4	3.2	310.3
150-E		1.0	312.5	4.7	308.8
175-E		1.6	311.9		
190-E				7.2	306.3
200-E		3.2	310.3	8.4	305.1
240-E				9.1	304.4
250-E		6.4	307.1	10.9	302.6
300-E	W. L. LOUISIANA	9.3	304.2	12.9	300.6
+35		12.6	300.9	17.8	295.7
+40	C. L. "	15.5	298.0		
+45				18.4	295.1
+50		16.2	297.3	17.3	296.2
+60				15.1	298.4

POLK AVE

313.49

				N.L		S.L	
+55				17.3	296.2		
+60				15.9	297.6		
	E. L. LOUISIANA			13.3	300.2	12.7	300.8
25-E						10.2	303.3
50-E				9.2	304.3	7.8	305.7
75-E				7.3	306.2	7.2	306.3
90-E						5.3	308.2
100-E				6.5	307.0	5.2	308.3
120-E				3.9	309.6		
140-E						1.7	311.8
150-E				2.5	311.0	2.3	311.2
165-E						0.4	313.1
	13.01	325.88	0.62	312.87			
200-E				11.0	314.9	10.7	315.2
225-E						8.4	317.5
250-E				7.3	318.6	7.0	318.9
275-E				5.7	320.2		

POLK AVE

325.88

280-E				
290-E				
300-E = W. L. TEXAS				
+30				
		2.43	323.45	323.55 / 323.45 .10
+40 = C. L. TEXAS				
0 = E. L. "				
	10.07	335.77	0.18	325.70
50-E				
100-E				
150-E				
200-E				
250-E				
300-E = W. L. ARIZONA				
C. L. "				
+78 E. L.				
E. L. "				

N. L.			S. L
4.1	321.8		
		3.4	322.5
		3.3	322.6
1.0	324.9	1.2	324.7
N. W. COR. POLK & TEXAS ON HUB			
1.0	324.9	1.2	324.7
0.5	325.4	0.6	325.3
9.1	326.7	9.3	326.5
8.6	327.2	8.5	327.3
8.0	327.8	7.9	327.9
7.8	328.0	7.8	328.0
7.4	328.4	7.5	328.3
7.1	328.7	7.6	328.2
6.8	329.0	7.3	328.5
6.1	329.7	5.9	
5.2	330.6	5.9	329.9

POLK ATE.

335.77

					N.L.		S.L	
5-E								
25-E					4.4	331.4		
50-E					5.8	330.0	6.8	329.0
65-E					5.5	330.3	6.1	329.7
75-E							5.3	330.5
85-E					5.0	330.8		
90-E							6.3	329.5
100-E					3.4	332.4		
125-E					4.1	331.7	5.9	329.9
135-E							4.6	331.2
150-E					4.2	331.6		
180-E					2.7	333.1	4.6	331.2
200-E							3.3	332.5
225-E					1.0	334.8	2.7	333.1
							0.7	335.1
	13.09	348.27	0.59	335.18				
250-E					9.8	339.5	12.2	336.1
275-E							10.5	337.8

POLK AVE.

348.27

300-E	= W.L. - CALIF.				
+15					
+40	= C.L. "				
	13.02	361.01	0.28	347.99	
	E.L. CALIF.				50.42 / 350.42 / .00
			10.59	350.42	
30-E					
50-E					
60-E					
65-E					
70-E					
100 E					
150-E					
175-E					
200E					
	12.80	373.10	0.72	360.29	

N.L			5.4	
6.0	342.3		8.0	340.3
			5.9	342.4
1.6	346.7		3.5	344.8
10.6	350.4		12.3	348.7
N.E. CALIF. & POLK - ON HOB.				
			9.5	351.5
6.0	355.0		8.5	352.5
5.5	355.5			
4.6	356.4			
			6.6	354.4
3.0	358.0		4.6	356.4
0.9	360.1		3.0	358.0
0.0	361.0		0.	361.0
			0.9	360.1

POLK AVE.

373.10

200 E			N. L		S. L
250-E			11.2	361.9	
260-E			9.5	363.6	11.1 362.0
270-E			9.4	363.7	
275-E					9.9 363.2
300 E	= W.L. OREGON		8.5	364.6	
+10			7.9	365.2	8.7 364.4
+40	= C.L "				8.1 365.0
+70			6.4	366.7	8.0 365.1
					6.7 366.4
	E.L. OREGON	366.43 366.32 04	5.2	367.9	6.7 366.4
	6.71 366.39		S.E. POLK & OREGON ON HUB		
50-E			4.3	368.8	5.2 367.9
100-E			3.9	369.2	4.9 368.2
140-E					5.0 368.1
150-E			3.5	367.6	3.9 369.2
175-E			3		4.6 368.5
200 E			3.2	369.9	4.5 368.6

POLK AVE.

373.10

					N.L			S.L
250-E.								
300 E. =	W. L. IDAHO				3.1	370.0		4.0 369.1
+30					2.8	370.3		3.3 369.8
+40	C. L. IDAHO							3.7 369.4
+45					3.1	370.0		2.3 370.8
0 =	E. L. IDAHO							3.4 369.7
50-E					3.1	370.0		3.4 369.7
100 E					3.4	369.7		3.6 369.5
150-E					4.0	369.1		3.6 369.5
200 E					4.4	368.7		4.1 369.0
250-E					5.1	368.0		4.4 368.7
300 E	W. L. UTAH				4.6	368.5		4.6 368.5
					4.9	368.2		4.9 368.2
	5.16	373.34	4.92	368.18	N.W.	UTAH & POLK ON HUB.		12/11/05
	C. L. UTAH				4.3	369.1		4.4 369.0
	E. L. UTAH				4.8	368.6		4.7 368.7
25-E								4.8 368.6
30-E					4.6	368.8		

POLK AVE

373.34

50-E

70-E

90-E

100-E

120-E

130-E

150-E

200-E

250-E

300-E = W.L. KANSAS

+30

C.L. KANSAS

+65

E.L. KANSAS

4.48 368.86

15-E

10-E

N.L.

3.2	370.2
4.0	369.4
3.9	369.5
3.6	369.8
4.0	369.4
4.0	369.4
3.7	369.7
4.4	369.0
3.8	369.6
4.8	368.6
4.5	368.9

N.E. KANSAS & POLK ON HUB

3.8 369.6

S.L. 39

3.9	369.5
4.2	369.2
3.6	369.8
4.2	369.2
3.2	370.2
3.9	369.5
4.1	369.3
4.1	369.3
4.5	368.9
4.7	368.7
4.7	368.7
3.5	369.9
5.1	368.3
5.0	368.4

3.8 369.6

POLK AVE.

373.34

	N.L.		S.L.	
40-E.	6.0	367.4	5.7	367.7
50-E.	5.7	367.7	5.6	367.8
70-E	5.9	367.5	5.8	367.6
85-E	4.8	368.6	4.6	368.8
100-E	5.8	367.6	5.7	367.7
150-E	6.2	367.2	6.8	366.6
160-E			6.8	366.6
165-E	7.3	366.1		
175-E			5.6	367.8
200-E	7.3	366.1	7.5	365.9
210-E	7.1	366.3		
220-E			6.5	366.9
225-E	7.7	365.7		
240-E			7.9	365.5
235-E	7.3	366.1		
250-E	8.1	365.3	7.1	366.3
265-E			6.8	366.6

POLK AVE

373.34

285-E					
280-E					
290-E					
300-E	= W.L. 30TH				
	4.52	369.64	8.22	365.12	
+20					
+15					
+40	= C.L. 30TH				
+50					
	E.L. 30TH				
50-E					
100-E					
150-E					
200-E					
250-E					
300-E	= W.L. OHIO				
			4.50	365.14	365.15 365.14 .00

N.L.		S.L.	
		8.1	365.3
8.5	364.9		
7.5	365.9	7.8	
8.2	365.2	7.8	365.6

N.W. 30TH & POLK ON HUB

		5.1	364.5
5.6	364.0		
5.8	363.8	4.5	365.1
		5.6	364.0
5.9	363.7	5.8	363.8
6.0	363.6	6.1	363.5
6.2	363.4	5.9	363.7
6.2	363.4	6.1	363.5
6.1	363.5	5.8	363.8
5.7	363.9	5.5	364.1
4.5	365.1	5.0	364.6

N.W. OHIO & POLK

POLK AVE.

369.64

+20			N.L.		S.L.
+10					3.9 365.7
+40 = C.L. OHIO			3.2	366.4	
+50			4.5	365.1	5.0 364.6
+70			3.8	365.8	
E.L. OHIO					4.7 364.9
40-E			2.9	366.7	3.9 365.7
50-E					3.9 365.7
100-E			3.2	366.4	2.3 367.3
150-E			3.0	366.6	3.3 366.3
170-E			2.7	366.9	2.5 367.1
180-E					3.7 365.9
200-E					3.0 366.6
230-E			2.3	367.3	2.8 366.8
250-E					2.9 366.7
270-E			2.4	367.2	1.6 368.0
285-E					2.9 366.7
					1.8 367.8

POLK AVE

300	0.24	368.04	1.84	367.80
300 E = W.L.	ILLINOIS			
+40	C.L.	"		
+60				
	E.L.	"		
25-E				
50-E				
75-E				
100-E				
125-E				
150-E				
200-E				
220-E				
240-E				
250-E				
300-E = W.L.	IOWA			
	C.L.	"		

2.7 N.L.		S.L.	
2.7			
1.0	368.9	0.7	367.3
1.4	366.6	1.6	366.4
		0.9	367.1
2.1	365.9	2.2	365.8
		2.3	365.7
3.5	364.5	1.6	366.4
		3.4	364.6
4.5	363.5	3.7	364.3
		3.4	364.6
5.7	362.3	4.5	363.5
6.9	361.1	5.6	362.4
		6.2	361.8
		5.3	362.7
8.4	359.6	6.6	361.4
9.8	358.2	8.8	359.2
10.5	357.5	9.8	358.2

POLK AVE.

	E.L. IOWA.			
	2.77	359.54	11.28	356.76
50 E				
100 - E				
125 - E				
145 - E				
150 - E				
180 - E				
200 - E				
225 - E				
240 - E				
250 - E				
260 - E				
270 - E				
300 - E	W. L. MISSOURI			
	C. L. "			
	E.L. "			

N.L.		S.L.	
		11.3	356.7
N.E. IOWA & POLK. ON. HUB			
3.6	355.9	4.3	355.2
3.6	355.9	4.1	355.4
4.5	355.0		
6.5	353.0		
6.1	353.4	5.7	353.7
		7.2	352.3
5.1	354.4	6.6	352.9
		6.7	352.8
		5.1	354.4
4.9	354.6	5.1	354.4
4.0	355.5		
4.6	354.9	4.3	355.2
4.0	355.5	4.5	355.0
4.3	355.2	4.5	355.0
5.4	354.1	4.9	354.6

POLK AVE

359.54

			N.L.		S.L.	
50 - E			7.7	351.8	7.5	352.0
100 - E			10.6	348.9	11.2	348.3
110 - E	=	W. L. BOUNDARY	11.8	347.7		
115 - E	=	W. L. BOUNDARY			14.4	345.1
132 - E.	=	W. L. BOUNDARY			15.8	343.7

HOWARD AVE.

COVERT BROOKES MOORE. BOUNDARY — PARK 12/11/05

B.M	8.32	370.94	362.62
317.6	EAST OF IOWA = W.L. BOUNDARY.		
300	EAST OF IOWA = W.L. MISSOURI		
295.6	EAST OF IOWA = W.L. BOUNDARY.		
250	" " "		
200	" " "		
150	" " "		
100	" " "		
50	" " "		
35	" " "		
20	" " "		
	EAST LINE IOWA		
+20			
+40	C. L. IOWA		
	W.L. IOWA		
	3.86	366.48	8.32 362.62

N.L. 5.L 46

N.E. HOWARD & IOWA. ON HUB			
		3.6	367.3
		4.1	366.8
1.2	369.7		
1.6	369.3	4.2	366.7
2.8	368.1	6.0	364.9
5.2	365.7	7.5	363.4
6.9	364.0	8.4	362.5
7.5	363.4	9.1	361.8
		8.0	362.9
		9.3	361.6
8.3	362.6	9.3	361.6
7.6	363.3		
8.3	362.6	9.7	361.2
8.6	362.3	9.7	361.2

HOWARD AVE

366.48

50 W				
100-W				
150-W				
200-W				
240-W				
250-W				
275-W				
300-W	= E.L. ILLINOIS			
	C.L.	"		
	W.L.	"		
	9.72	370.91	5.29	361.19
50 W				
100-W				
120-W				
150-W				
200-W				
250-W				

N.L.		5.L	
4.3	362.2	5.5	361.0
4.8	361.7	5.7	360.8
5.2	361.3	6.2	360.3
5.7	360.8	6.5	360.0
5.1	361.4		
5.6	360.9	6.7	359.8
5.8	360.7		
5.1	361.4	6.2	360.3
5.6	360.9	5.6	360.9
5.3	361.2	5.3	361.2
N.W. ILLINOIS & HOWARD ON HUB			
9.6	361.3	9.2	361.7
9.2	361.7	8.9	361.0
8.0	362.9		
9.2	361.7	8.6	362.3
8.5	362.4	8.4	362.5
8.3	362.6	8.4	362.5

HOWARD AVE

370.91

			N.L.		S.L.	
300 W	E.L.	OHIO	8.4	362.5	7.7	363.2
+25			7.2	362.7	6.9	364.0
+30					7.5	363.4
+40	C.L.	OHIO	7.1	363.8	6.4	364.5
+50			7.7	363.2		
+70			7.2	363.7		
-	W.L.	OHIO	7.7	363.2	5.4	365.5
50-W			5.5	365.4	2.9	368.0
75-W					4.0	366.9
100-W			4.5	366.4	2.7	368.2
110-W					2.4	368.5
120-W					1.7	369.2
150-W			3.6	367.3	3.2	367.7
170-W					2.0	368.9
190 W					2.9	368.0
200-W			3.5	367.4	1.9	369.0
225-W					3.5	367.4

HOWARD AVE.

370.91

				N.L.		S.L.	
250-W				3.5	367.4	1.3	369.6
265-W						3.7	367.2
280-W						4.1	366.8
300-W	= E.L.	30TH	AS	3.5	367.4	2.7	368.2
+10						3.9	367.0
+20						3.2	367.7
+40	= C.L.	30TH		3.4	367.5	3.9	367.0
+60				2.3	368.6		
	W.L.	30TH		3.6	367.3	4.0	366.9
	7.15	374.43	3.63	367.28			
15-W				N.W. COR. HOWARD & 30TH			
50-W						6.1	368.3
75-W				7.0	367.4	7.5	366.9
100-W						5.7	368.7
125-W				7.0	367.4	7.4	367.0
140-W						5.7	368.7
150-W						7.4	367.0
				7.0	367.4	6.2	368.2

HOWARD AVE

374.43

165-W			
160-W			
190-W			
185-W			
200-W			
250-W			
280-W			
300-W. = E. L. KANSAS			
+15			
+30			
+25			
+40 = C.L. KANSAS			
+50			
+60			
+70			
W.L. KANSAS			
	4.86	369.57	369.57 369.57 00
N.L.			S.L.
			4.8 369.6
	5.2	369.2	
			6.9 367.5
	6.7	367.7	
	6.4	368.0	6.3 368.1
	6.4	368.0	6.5 367.9
	6.3	368.1	
	4.9	369.5	5.7 368.7
	4.5	369.9	4.0 370.4
			5.3 369.1
	5.3	369.1	
	4.6	369.8	
			4.2 370.2
			3.0 371.4
			3.0 371.4
	5.2	369.2	4.7 369.7
	4.9	369.5	4.8 369.6
N.W. KANSAS & HOWARD			

HOWARD AVE
374.43

	N.L.	S.
20-W		
40 W		
50-W		
70-W		
90-W		
100-W	3.2 371.2	4.5 369.9
110-W	4.4 370.0	4.4 370.0
120-W	4.5 369.9	3.1 371.3
140-W	4.1 370.3	3.8 370.6
150-W	2.4 372.0	
160-W	2.8 371.6	2.1 372.3
175-W	3.6 370.8	3.7 370.7
190-W		3.5 370.9
200-W	3.4 371.0	
210-W	3.4 371.0	
220-W	2.3 372.1	
240-W	3.4 371.0	3.4 371.0
	3.2 371.2	
	3.4 371.0	3.5 370.9
		1.3 373.1

	HOWARD		AVE		N.L.				S.L	
		374.43								
250-W					2.0	372.4			2.3	372.1
255-W									2.7	371.7
260-W					0.8	373.6				
270-W									1.1	373.3
280-W					2.7	371.7				
290-W									2.5	371.9
300-W	= E.L.	UTAH			0.6	373.8			2.4	372.0
	4.01	377.82	0.62	373.81	N.E.	UTAH & HOWARD				
+30	C.L.	IDAHO			5.1	372.7			4.6	
+40	= C.L.	UTAH			4.5	373.3			4.6	373.2
+55									5.0	372.8
+56									3.6	374.2
+70					5.0	372.8				
+75									4.7	373.1
	W.L.	UTAH			3.0	374.8			4.9	372.9
+10 W					2.0	375.8				
35-W					4.7	373.1				

HOWARD AVE.

377.82

	N.L.		S.L.	
50-W	4.3	373.5	4.7	373.1
60-W			3.7	374.1
80-W			4.9	372.9
100-W	4.2	373.6	4.8	373.0
115-W	4.3	373.5		
130-W	2.4	375.4		
150-W	3.8	374.0	4.7	373.1
160-W			3.6	374.2
175-W			4.7	373.1
185-W	3.7	374.1		
200-W	4.4	373.4	4.8	373.0
215-W	4.5	373.3		
240-W	2.2	375.6		
250-W	3.1	374.7	4.4	373.4
255-W	4.3	373.5		
265-W			3.2	374.6
280-W			4.5	373.0

HOWARD AVE

377.82

300-W	= E.L. IDAHO			
		4.48	373.34	373.42
+15				
+40	C.L. IDAHO			
	W.L. IDAHO			
50-W				
100-W				
150-W				
200-W				
250-W				
300-W	= E.L. OREGON			
	0.08'	375.14	2.76	375.06
+15				
+25				
+40	= C.L. OREGON			
	W.L. OREGON			
45-W				

N.L		S.L	
~~4.4~~	373.4	4.7	373.1
N.E IDAHO & HOWARD			
3.7	374.1		
4.3	373.5	4.6	373.2
4.1	373.7	4.3	373.5
4.1	373.7	4.1	373.7
3.9	373.9	4.2	373.6
3.4	374.4	4.1	373.7
2.8	375.0	4.2	373.6
3.0	374.8	3.9	373.9
3.8	374.0	3.9	373.9
N.E OREGON & HOWARD			
0.2	374.9		
1.3	373.8		
0.9	374.2	1.3	373.8
1.0	374.1	2.1	373.0
		2.6	372.5

HOWARD AVE

37514

	N.L.		S.L.	
50-W	1.9	373.2	1.9	373.2
60-W			2.0	373.1
70-W	2.6	372.5		
75-W			4.3	370.8
90 W	1.5	373.6		
100-W	2.6	372.5	4.2	370.9
105 W	3.4	371.7		
120-W	3.4	371.7		
130-W	2.6	372.5		
140-W			5.1	370.0
145-W			4.3	370.8
150-W	4.4	370.7	4.7	370.4
165-W			5.8	369.3
175-W	3.7	371.4		
185-W	5.2	369.9		
200-W	5.4	369.7	6.4	368.7
230-W	5.1	370.0		

HOWARD AVE
375.14

250W
285W
300-W = E. L. CALIF. A
+10
+40 = C. L. CALIF A
+50

0.23 363.01 12.26 362.88
W. L CALIF A

15-W
40-W
50-W
100-W

0.02 350.27 12.86 350.25

100-W
115-W
130-W
135 W

N. L. S. L.

6.6 368.5 7.9 367.2
8.6 366.5 7.6 367.5
7.2 367.9 9.5 365.6
8.5 366.6
9.8 365.3 11.6 363.5
12.5 362.6

N. W. CALIF A & HOWARD

0.2 362.9 3.9 359.7
2.2 360.9 4.3 358.8
3.3 359.8
4.9 358.2 8.4 354.7
10.4 352.7

0.1 350.2
0.8 349.5
3.0 347.3
0.5 349.8 5.1

HOWARD AVE

350.27

150 W

165 W

180 W

200 W

235 W

0.10 337.50 12.87 337.40

225 W

235 W

250 W

260 W

280 W

300 W E. L. ARIZONA

4.59 332.91

C. L. ARIZONA

W. L. ARIZONA

50 W

100 W

M. L		S. L	
3.2	347.1	5.1	345.2
		7.6	342.7
6.3	344.0		
10.2	340.1	10.9	339.4
11.4	338.9		
		0.6	336.9
		0.7	336.8
1.2	336.3	2.5	335.0
2.6	334.9	4.2	333.3
3.3	334.2		
4.6	332.9	5.7	331.8

N.E. ARIZONA & HOWARD ON LATH-HUB.

7.0	330.5	7.5	330.0
8.0	329.5	9.1	328.4
10.1	327.4	10.2	327.3
11.5	326.0	11.5	326.0

HOWARD AVE.

337.50

150 W					
		0.09	325.02	12.57	324.93
200 W					
250 W					
300 W	=	E.L	TEXAS		
+40		C.L	TEXAS		
+50					
+55					
+70					
		W.L.	TEXAS		
5 W					
25 W					
40 W					
50 W					
60 W					
75 W					
100 W					

N.L		S.L	
12.6	324.9	12.2	325.3
1.3	323.7	1.2	323.8
3.0	322.0	3.4	321.6
5.7	319.3	5.9	319.1
7.1	317.9	7.9	317.1
		8.0	317.0
7.3	317.7	9.0	316.0
		9.1	315.9
8.9	316.1	8.5	316.5
		8.4	316.6
		10.3	314.7
		10.4	314.6
10.8	314.2	11.4	313.6
10.5	314.5	/	
		11.3	313.7
11.4	313.6	13.0	312.0

HOWARD AVE.

325.07

120 W				
140 W				
150 W				
165 W				
180 W				
200 W				
210 W				
215 W				
225 W				
	10.54	335.09	0.47	324.55
250 W				
300 W = E.L.	LOUISIANA			
+40 C.L.	"			
+60				
+75				
W.L.	LOUISIANA			
			3.77	331.30

N.L.		S.L.	
11.3	313.7	12.2	312.8
12.1	312.9		
10.2	314.8	11.7	313.3
		11.2	313.8
7.0	318.0		
5.1	319.9	5.9	319.1
		4.7	320.3
3.9	321.1		
1.9	323.1		
8.8	326.3	8.3	326.8
2.2	332.9	3.0	332.1
0.8	334.3	2.4	332.7
		1.8	333.3
0.9	334.2		
1.8	333.3	3.5	331.3

S.W. LOUISIANA & HOWARD ON HUB

HOWARD AVE

335.09

					N.L		S.L	
5 W					2.2	332.9		
20 W							3.0	332.1
30 W					1.8	333.3		
50 W					3.6	331.5	5.7	329.4
75 W					4.5	330.6		
90 W					6.6	328.5		
100 W					6.8	328.3	8.1	327.0
120 W							8.6	326.5
130 W					8.6	326.5		
135 W					8.2	326.9		
150 W					10.4	324.7		
200 W					12.2	322.9		
	0.27	322.40	12.96	322.13				
150 W							0.6	321.8
165 W							1.2	321.2
200 W							0.5	321.9
240 W					1.2	321.2	3.6	318.8

HOWARD AVE.

322.40

250 w

265 w

275 w

280 w

295 w

300 w. E. L. MISSISSA

1.84 320.56 320.61 320.56 .05

+20

+10

+35

+40 C. L MISSISSA

+65

+75

W. L. MISSISSA

10 w

15 w

30 w

N. L

0.6 321.8

0.2 322.2

2.5 319.9

N. E MISSISSA & HOWARD ON HUB.

2.2 320.2

4.9 317.5

4.2 318.2

3.9 318.5

6.6 315.8

7.2 315.2

6.0 316.4

S. L

4.0 318.4

4.5 317.6

4.1 318.3

4.6 317.8

4.9 317.5

5.9 316.5

5.4 317.0

5.2 317.2

6.7 315.7

8.6 313.8

9.4 313.0

HOWARD AVE

322.40

40 W					N.L		S.L
50 W					8.5	313.9	
75 W					8.1	314.0	9.2 313.2
70 W					10.1	312.3	
100 W							11.4 311.0
12/12/05	0.24	309.68	12.96	309.44	11.3	311.1	
100 W							0.7 309.0
115 W					+ 0.5	310.2	
150 W					3.6	306.1	4.5 305.2
170 W					5.1	304.6	
185 W							6.9 302.8
200 W					8.5	301.2	9.2 300.5
210 W							10.6 299.1
230 W							10.5 299.2
250 W					12.3	297.4	12.2 297.5
	0.10	296.95	12.83	296.95			
280 W							2.4 294.6

HOWARD AVE.

296.95

				N.L.		S.L.	
275 w							
290 w				1.7	295.3		
				1.4	295.6		
		2.22	294.73				
300 w	E.L.	ALABAMA.					
+40	C.L.	"		2.2	294.8	4.2	292.8
+45				2.9	294.1	6.0	291.0
+50						5.6	291.4
+55						6.8	290.2
+70				4.4	292.6		
				3.0	294.0		
	W.L.	ALABAMA.		3.5	293.5	7.4	289.6
20 w				4.0	293.0		
50 w				5.9	291.1	7.8	289.2
100 w				7.7	289.3	9.1	287.9
150 w				9.3	287.7	11.4	285.6
200 w				11.2	285.8	12.4	284.6
225 w						13.3	283.7
215 w				12.5	284.5		

HOWARD ST
296.95

240 W
250 W
275 W
290 W
300 W = E.L. FLORIDA
+30
+32
+40 = C.L. FLORIDA
+60
+65
+66
+70

W.L. FLORIDA

		3.39	293.56
12.61	309.52	0.04	296.91

50 W
65 W

N.L		S.L	
10.3	286.7		
9.5	287.5	12.2	284.8
		11.7	285.3
7.4	289.6		
7.3	289.7	8.6	288.4
6.7	290.3	5.3	291.7
5.6	291.4		
5.0	292.0	4.8	292.2
		5.0	292.0
5.3	291.7		
4.4	292.6		
3.		3.7	293.3
3.4	293.6	2.5	294.5

N.W. FLORIDA & HOWARD ON HUB

10.3	299.2	12.2	297.3
8.5	301.0		

HOWARD AVE.

309.52

100 W				
150 W				
175 W				
200 W				
	12.95	322.03	0.44	309.08
250 W				
260 W				
300 W =	E.L.	GEORGIA.		
+40	C.L.	"		
+75				
+70				
+80	W.L.	GEORGIA		
			3.89	318.14
50 W				
	12.97	33 50.1	+ 0.01	322.04
	W.L.	GEORGIA		
50 W				

N.L		S.L	
8.5	301.0	9.5	300.0
6.3	303.2	6.3	303.2
5.2	304.3		
2.3	307.2	2.0	307.5
12.2	309.8	9.7	312.3
		8.3	313.7
9.3	312.7	7.1	314.9
7.2	314.8	4.2	317.8
		1.0	321.0
5.6	316.4		
3.7	318.1		
N.W.	GEORGIA & HOWARD		
0.6	321.4		
		11.5	
		11.5	323.5
		6.9	328.1

HOWARD AVE

335.01

100 W					
135 W					
140 W					
150 W					
160 W					
195 W					
200 W					
220 W					
250 W					
	11.52	346.39	0.14	334.87	
295 W					
270 W					
295 W					
300 W = E. L. PARK					
			8.57	337.82	337.84 337.82 .02

N.L				S.L	
8.1	326.9			3.1	331.9
6.1	328.9				
4.8	330.2				
4.8	330.2			1.8	333.2
3.4	331.6				
				1.3	333.7
2.3	332.7			0.6	334.4
0.9	334.1			C	
0.6	334.4			1.5	333.5
10.0	336.4				
				10.5	335.9
				9.4	337.0
9.2	337.2			7.9	338.5

N.E POLK & PARK ON HUB

MEADE

~~JACKSON~~ AVE.

{COVERT BROOKES MOORE} ARIZONA — BOUNDARY. 12/14/05

B.1	12.89	358.70		346.01
	E. L. ARIZONA			
10 E				
25 E				
50 E				
65 E				
100 E				
125 E				
	12.91	371.42	0.39	358.51
140 E				
150 E				
170 E				
185 E				
200 E				
210 E				
225 E				

N.L

SL 67

N.W.	JACKSON & ARIZONA.	ON HUB.	
12.9	345.8	13.4	345.3
		13.3	345.4
		11.5	347.2
9.6	349.1	10.9	347.8
7.9	351.7	8.2	350.5
4.5	354.2	3.9	354.8
		1.4	357.3
11.4	360.0	11.1	360.3
10.9	360.5	10.1	361.3
8.2	363.2	8.2	363.2
8.0	363.4	7.9	363.5
5.1	366.3	4.8	366.6
		3.9	367.5
		4.6	364.8

JACKSON ST.

371.42

235 E				
250 E				
260 E				
275 E				
300 E	W. L.	CALIF.		
	10.74	381.38	0.78	370.64
+20	C. L.	CALIF.		
+40	C. L.	CALIF.		
+60				
	E. L.	CALIF.		
10 E.				
20 E				
30 E				
40 E				
50 E				
60 E				
65 E				

N. L.		S. L.	
4.9	366.5		
3.3	368.1	3.0	368.4
		1.3	370.1
0.4	371.0	2.2	369.2
0.8	370.6	0.9	370.5
N.W. CALIF. & JACKSON			
7.9	373.5		
8.8	372.6	9.5	371.9
7.8	373.6		
8.5	372.9	8.2	373.2
		7.9	373.5
6.2	375.2		
		6.6	374.8
7.6	373.8		
6.5	374.9	7.3	374.1
5.3	376.1		
		6.3	375.1

JACKSON ST.

381.38
1078
382.16

		N.L		S.L	
80 E.		7.2	374.2		
90 E				7.0	374.4
100 E.		5.8	375.6	6.0	375.4
125 E.				6.9	374.5
150 E		6.1	375.3	6.0	375.4
175 E		6.2	375.2		
200 E		5.1	376.3	5.7	375.7
210 E		5.6	375.8		
225 E		4.8	376.6		
250 E		5.3	376.1	5.6	375.8
275 E				4.1	377.3
300 E.	= W.L. OREGON.	4.9	376.5	5.2	376.2
+40	C.L "	4.5	376.9	4.8	376.5
+59				5.4	376.0
+60				3.8	377.6
+70				5.2	376.2
	E.L. OREGON			5.2	376.2

JACKSON AVE

381.38

5.10 376.28

10-E

20 E

35 E

45 E

50 E

60 E

85 E

100 E

120 E

150 E

160 E

175 E

200 E

210 E

250 E

260 E

N.L 5.L

N.E. OREGON & JACKSON ON HUB

5.2	376.2	5.2	376.2
4.3	377.1	4.4	377.0
		4.7	376.7
		4.0	377.4
5.2	376.2	4.4	377.0
		5.0	376.4
4.9	376.5	4.5	376.9
3.3	378.1	5.3	376.1
5.1	376.3		
4.0	377.4	5.1	376.3
5.1	376.3	4.6	376.8
		5.6	375.8
5.2	376.2	5.6	375.8
4.3	377.1		
5.5	375.9	5.3	376.1
		3.6	377.8

JACKSON AV. E

381.38

285 E

300 E = E. L IDAHO

+15

+25

+27

+40 = C. L IDAHO

+59

+60

E. L. IDAHO

1.90 377.23 6.05 375.33

30 - E

40 - E

50 E

55 E

70 E

85 E

100 E

N. L		S. L	
4.6		5.9	375.5
5.4	376.0	5.7	375.7
		3.8	377.6
		4.0	377.4
		6.0	375.4
4.9	376.5	5.2	376.2
		6.3	375.1
		5.2	376.2
6.0	375.4	5.9	375.5

N. E JACKSON & IDAHO

		1.8	375.4
		0.9	376.3
2.3	374.9	1.6	375.6
		2.3	374.9
1.1	376.1		
2.5	374.7	1.0	376.2
1.9	375.3	1.7	375.5

JACKSON AVE.

377.23

110 E				
125 E				
150 E				
170 E				
200 E				
220 E				
245 E				
235 E.				
250 E				
260 E				
280 E				
	5.49	372.42	10.30	366.93
300 E =	W. L.	UTAH		
3+10				
+35				
+25				
+40 =	C. L.	UTAH		

N.L.		S.L.	
		3.3	373.9
4.4	372.8		
5.2	372.0	2.6	374.6
		5.0	372.2
6.7	370.5	6.7	370.5
7.9	369.3	6.3	370.9
7.1	370.1		
		7.9	369.3
7.4	369.8	7.1	370.1
		7.6	369.6
		7.7	369.5
N.W. COR JACKSON - UTAH			
5.5	366.9	4.8	367.6
		4.6	367.8
		2.7	369.7
3.3	369.1		
5.0	367.4	3.2	369.2

JACKSON AVE.

372,42.

+45					
+60					
+65					
	E. L. UTAH				
50 E					
80 E					
95-E					
100 E					
105 E					
125 E					
135-E					
145-E					
150 E					
160 E					
175-E					
200 E					
230 E					

N.L				S. L	
5.8	366.6				
				5.6	366.8
4.6	367.8				
6.1	366.3			6.1	366,3
6.1	366.3			6.4	366,0
				6,7	365.7
				5,5	366,9
6.7	365.7			6.0	366.4
				6.8	365.6
5.1	367,3				
6.6	365.8				
				6.9	365.5
6.8	365.6			5.9	366.5
				5.0	367.4
				7.0	365.4
6.9	365.5			6.9	365.5
				7.0	365.4

JACKSON AVE.

372.42

225 E

240 E

250 E

260 E

280 E

300 E = W. L. KANSAS

+20

+25

+40 = C. L. KANSAS

E. L. KANSAS

7.25 365.17

25-E

30 E

50 E

100 E

130 E

150 E

N. L.		S. L.	
5.5	366.9		
6.9	365.5		
5.9	566.5	5.2	367.2
5.0	367.4	7.2	365.2
7.4	365.0		
7.4	365.0	7.1	365.3
		4.6	367.8
5.9	366.5		
7.1	365.3	7.4	365.0
7.3	365.1	7.5	364.9
N. E. KANSAS & JACKSON			
		6.4	366.0
		7.4	365.0
7.2	365.2	7.5	364.9
7.4	365.0	7.5	364.9
7.4	365.0		
7.0	365.0	7.7	364.7

JACKSON AVE

372.42

180 E					N.L.		S.L.
200 E					5.7	366.7	
240 E					7.3	365.1	7.4 364.0
250 E					7.2	365.2	
265 E					5.7	366.7	7.7 364.7
275 E					3.6	368.8	7.3 365.1
290 E							5.7 366.7
300 E	= N.L. 30TH				6.1	366.3	
+30					5.7	366.7	7.4 365.0
+40	= C.L. 30TH.						7.0 365.4
+55					5.1	367.3	5.2 367.2
+70					3.5	368.9	
	E.L. 30TH				3.8	368.6	6.3 366.1
	0.77	370.63	2.56	369.86	2.6	369.8	6.0 366.4
	3.40	370.72	3.40	367.32 (367.23)	N.E. 30TH & JACKSON		
	8.96	378.91	0.77	368.95	S.W. 30TH & EL CAJON		
30 E					10.2	368.7	11.5 367.4

JACKSON AVE

378.91

	N. L		S. L	
40 E				
50 E	9.9	369.0		
65 E	8.6	370.3	9.7	369.2
80 E	9.4	369.5	11.3	367.6
90 E	7.4	371.5		
100 E			10.9	368.0
125 E	9.5	369.4	9.9	369.0
140 E			10.3	368.6
150 E	9.2	369.7		
160 E	7.4	371.5	9.5	369.4
180 E	8.1	370.8		
200 E			9.2	369.7
220 E	7.2	371.7	6.4	372.5
230 E	6.0	372.9		
250 E	6.9	372.0	7.8	371.1
260 E	5.9	373.0	7.4	371.5
275 E	4.8	374.1		
	6.2	372.7	6	

JACKSON AVE

378.91

290 E

7.55 371.36

300 E. W. L. OHIO

+25

+10

+30

+40

+45

+60

+65

E. L. OHIO

10 E

35 E

50 E

60 E

85 E

100 E

N. L		S. L	S. L
6.0	372.9		
4.0	374.9	7.5	371.4
5.2	373.7		
		7.5	371.4
		4.6	374.3
3.5	375.4	5.4	373.5
		6.3	372.6
4.9	374.0		
		6.2	372.7
4.9	374.0	4.0	374.9
		3.8	375.1
		6.3	372.6
3.6	376.3	2.9	376.0
		1.4	377.5
		4.6	374.3
2.2	376.7	4.0	374.9

JACKSON AVE
378.91

					N.L		S.L	
125 E							2.7	376.2
150 E					1.8	377.1	2.7	376.2
180 E							3.3	375.6
200 E					0.0	378.9	0.0	378.9
	9.80	387.12	1.59	377.32				
220 E					7.8	379.3		
215 E							9.8	377.3
235 E					6.0	381.1		
250 E					6.9	380.2	8.6	378.5
275 E					7.1	380.0	7.0	380.1
295 E							8.0	379.1
300 E	= W.L.	ILLINOIS.			5.4	381.7	7.2	379.9
+5							6.4	380.7
+25					6.4	380.7		
+30							7.4	379.7
+40	C.L.	ILLINOIS			6.3	380.8	6.8	380.3
+60					4.4	382.7	4.5	382.6

JACKSON AVE

387.12

E, L. ILLINOIS 5.98 381.14

25-E
50 E
65-E
75-E
80 E
100 E
135 E
150 E
165 E
190 E
200 E
210 E
220 E
240 E
250 E

N.L. S.L.

		6.7	380.4

N.E. ILLINOIS & JACKSON

4.8	382.3	6.7	380.4
5.3	381.8	5.7	381.4
5.2	381.9	5.7	381.4
3.5	383.6		
		4.3	382.8
4.7	382.4	5.1	382.0
		5.1	382.0
4.6	382.5	2.8	384.3
		4.8	382.3
4.1	383.0		
2.8	384.3	4.7	382.4
		3.9	383.2
3.6	383.5	4.8	382.3
		4.3	382.8
3.9	383.2	3.3	383.8

JACKSON AVE

3.87.12

270 E

280 E

285 E

300 E = W.L. IOWA

341.5 E W.L. BOUNDARY

350 E

364.4 W.L. BOUNDARY

3.48 384.12 6.48 380.64

5.80 378.32

378.31

N.L		S.L	
		4.4	382.7
3.1	384.0		
		2.6	384.5
4.1	383.0	4.3	382.8
4.0	383.1		
		4.2	382.9
		3.2	283.9

N.E. EL CAJON & BOUNDARY

316.21 – S.W. GEORGIA & EL CAJON SPIKE IN POLE.

367.32 – S.W. EL CAJON & 30TH SPIKE IN PHONE POLE.

365.12 N.W. EL CAJON & OHIO – HUB.

366.51 N.W. EL CAJON & ILLINOIS – HUB.

378.31 N.E. EL CAJON & BOUNDARY SPIKE IN PHONE POLE.

355.58 N.W. MISSOURI & POLK – HUB

342.65 N.W. MISSOURI & LINCOLN – HUB

351.89 S.E. MISSOURI & UNIVERSITY 3 NAILS IN PHONE POLE.

362.55 N.W. IOWA & LINCOLN – HUB.

356.77 N.E IOWA & POLK – HUB.

362.62 N.E IOWA & HOWARD – HUB

382.94 N.W. IOWA & JACKSON – HUB

390.03 S.W. ILLINOIS & MADISON △ WHITE STAKE

385.35 S.E ILLINOIS & MONROE – HUB

361.19 N.W. ILLINOIS & HOWARD – HUB

363.05 – S.W. ILLINOIS & LINCOLN – HUB.

344.79 – S.W. LINCOLN & WISCONSIN – HUB

340.08 – N.E SPIKE IN NEW PHONE POLE

316.21
5.85
316.12

Degrees.

89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45

Degrees.

rials,

190

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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