University Heights.
Levels over
California St.
Oregon "
Idaho "
Utah "
Kansas "

LEVEL

189

F.B. 189

189

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

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City Hall, San Diego, Cal.

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

189

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City Hall, San Diego, Cal.

California St — Davis, Brooks, Haslam

	6.11	φ 378.20			372.09
No line El. Cajon					
38'	No	"			
50'	No				
68	"				
100	"				
130	"				
150	"				
171	"				
180	"				
200	"				
220	"				
236	"				
250	"				
300	"				
T.P.	6.485	379.745	4.94		373.26
350	"				
363	"				
375	"				
392					

Adams Ave. to Univ Ave

W.		Ctr		E	
9.3	368.9	9.0	369.2	7.4	370.8
10.2	368.0				
9.1	369.1	8.7	369.5	6.9	371.3
8.7	369.5				
10.2	368.0	8.7	369.5	6.7	371.5
		7.2	371.0		
9.4	368.8	8.8	369.4	7.4	370.8
10.4	367.8				
		180= 7.0	371.2		
10.6	367.6	8.7	369.5	7.3	370.9
				6.0	372.2
				7.0	371.2
9.7	368.5	6.8	371.4	6.2	372.0
9.2	369.0	7.0	371.2	5.3	372.9
10.3	369.4	7.5	372.2	6.7	373.0
8.9	370.8				
		375= 6.3	373.4		
9.6	370.1				

California St

379.745

		W		Ctr		E	
400	No of El Cajon	9.0	370.7	8.2	371.5	7.0	372.7
421		7.4	372.3		370.6	5.7	374.0
429	"			9.1		6.9	372.8
440	"						
450	"	8.8	370.9	6.8	372.9	6.5	373.2
500	"	9.0	370.7	7.4	372.3	6.8	373.0
516						5.5	374.2
535						6.7	373.0
550		7.9	371.8	7.0	372.7	6.6	373.1
562		8.9	370.9				
575		7.8					
582						6.0	
Soling Jackson		9.2	370.5	7.7	372.0	6.5	373.2
23' No of So. line.						5.7	374.5
Ctr Jackson		9.1	370.6	6.8	372.9	6.3	373.4
No. line	"	9.0	370.7	7.4	372.3	6.6	373.1
	6.185 379.28 6.65		373.095				
24' No						6.2	373.1
50' "		8.6	370.7	4.8	3745	4.8	374.5
71 "						10.0	373.3

California St

379.28

		W		Ctr		E	
100	No	8.7	370.6	5.5	373.8	5.7	373.6
127		8.4	370.9				
150	"	7.1	372.2	7.3	372.0	6.3	373.0
163	"	8.3	371.0				
178	"					+7.8 = 7.0	372.3
188	"	8.2	371.1				
200	"	6.4	372.9	6.8	372.5	4.6	374.7
220	"	7.5	371.8				
224	"					6.5	372.8
250	"	7.8	371.5	7.4	371.9	6.2	373.1
290	"	8.8	370.6				
300	"	7.8	371.5	5.3	374.0	5.9	373.4
332	"					5.8	373.5
350	"	7.7	371.6	6.4	372.9	4.8	374.5
364	"					4.4 - 6.0	373.3
400	"	7.7	371.6	6.6	372.7	6.3	373.0
436						5.2	374.1
450	"	7.4	371.9	6.7	372.6	6.3	373.0
481	"	5.3	374.0				
500	"	5.9	373.4	6.2	373.1	5.5	373.8

California St

					W		Ctr		E		
T.P	6.07	379.85	5.50	373.78							
525' No of Jackson					7.2	372.6			4.8	375.0	
531			5.31	=							
545	"								6.0	373.8	
550	"				5.5	374.3	6.3	373.5	5.4	374.4	
563					6.5	373.3			4.5	375.3	
592	"							572' -	5.2	374.6	
					6.7	373.1					
So. line Monroe					5.4	374.4	4.9	374.9	3.2	376.6	
15' No of So. L.	"								4.7	375.1	
18'	"			18'	4.2	375.6					
34'	"	"	"	"					3.1	376.7	
Ctr		"			5.5	374.3	4.4	375.4	3.5	376.3	
10' No of Ctr									4.6	375.2	
No. line Monroe					5.5	374.3	4.6	375.2	3.7	376.1	
			3.70	376.15	B.M. Pk N.E Cor Cal. & Monroe.						
33' No	"								4.4	375.4	
50'	"			+37	5.4	374.4					
					3.8	376.0	4.2	375.6	2.5	377.3	
75'	"				5.0	374.8	2.1	377.7	3.8	376.0	

California St

		379.85			
100' No Monroe					
150 "					
200 "				172 =	
229 "					
T.P. 225'	6.17	382.50	3.52	376.83	
250 "					
300 "					
341 "					
350 "					
362					
382				375 =	
400					
421					
441					
450					
464					
475					
493					

W		Ctr		E	
5.1	374.7	4.3	375.5	3.7	376.1
4.8	375.0	3.3	376.5	3.7	376.1
2.4	377.4				
4.1	375.7	2.4	377.4	3.1	376.7
4.1	375.7				
—		3.4	379.1	—	
4.6	377.9	6.1	376.4	5.3	377.2
6.1	376.4	5.2	377.3	4.9	377.6
5.5	377.0				
4.6	378.0	5.2	377.3	5.0	377.5
4.3	378.2			4.8	377.7
5.8	376.7			3.6	378.9
5.3	377.2	5.1	377.4	5.3	377.2
5.6	376.9				
4.2	378.3				
4.8	377.7	5.4	377.1	5.4	377.1
6.1	376.4				
				3.5	379.0
4.5	378.0				

California St

382.50

				W		Ctr		E	
500	No of Monroe			4.9	377.6	4.9	377.6	5.2	377.3
513				6.2	376.3				
516								3.4	379.1
533								4.0	378.5
550				5.8	376.7	4.8	377.7	4.0	378.5
565								4.7	377.8
578				6.0	376.5				
585								3.5	379.0
So. line Madison				3.1	379.4	5.0	377.5	4.2	378.3
26' No of Saline				4.6	377.9			3.2	379.3
Ctr				4.5	378.0	3.6	378.9	3.0	379.5
No line Madison				4.3	378.2	3.1	379.4	3.9	378.6
TP	6.90	385.47	3.93	378.57	BM Pig N.E Cor Cal & Madison				
13' No Mad.								5.6	379.9
50' " "				7.5	378.0	5.7	379.8	5.5	380.0
62 "				7.0	378.5				
87				4.6	380.9				

California St.

385.47

100'	No Mod.		
114	"		
128	"		
150	"		
177	"		
200	"		
228	"		
250	"		
270	"		
300	"		
325	"		
326			
350			
378			
400			
T.P	6.45	387.81	4.09

381.36

W.		Ctr.		E.	
6.2	379.3	5.5	380.0	6.0	379.5
6.6	378.9				
				5.0	380.5
6.2	379.3	5.1	380.4	5.9	379.6
3.9	381.6				
6.1	379.4	4.7	380.8	5.4	380.1
3.8	381.7				
5.6	379.9	4.4	381.1	4.9	380.6
4.6	380.9			3.2	382.3
5.4	380.1	4.1	381.4	4.8	380.7
3.9	381.6				
				2.9	382.6
4.8	380.7	3.7	381.8	4.2	381.3
3.7	381.8				
4.6	380.9	3.4	382.1	1.9	383.6

California St

		387.81		W		Ctr	E
425	No. Wood.			4.9	382.9		
431	No						6.1 381.1
450	"			6.5	381.3	5.4 382.4	5.9 381.9
460	"						6.0 381.8
480	"						3.8 384.0
500	"			6.3	381.5	5.0 382.8	5.5 382.3
525				5.0	382.8		
538							5.5 382.3
550				6.1	381.7	4.5 383.3	4.2 383.6
561							3.4 384.4
576			576	4.0	383.8		
580							4.8 383.0
Soling Adams.				5.3	382.5	4.2 383.6	4.7 383.1
		466	383.15	B.M. Pig. S.E. Cor Adams & Cal.			

California · St

	℄			
2.55	374.64			372.09
So. line El Cajon				
30' So	"	"		
50	"			
70	"			
100	"			
150	"			
200	"			
250	"			
270	"			
300	"			
338 No line Howard.				
1.22	369.24	6.62		368.02
Ctr line Howard.				
50	"	"		
9'	50 of	"		
50'	"	"	"	

W.		Ctr		E.	
7.8	367.3	6.2	368.4	3.6	371.0
7.9	366.7			3.8	370.8
7.6	367.0	6.3	368.3	4.4	370.2
6.2	368.4				
8.9	365.7	5.8	368.8	4.9	369.7
8.6	366.0	6.3	368.3	4.4	370.2
9.9	364.7	6.5	368.1	5.8	368.8
9.6	365.0	7.7	366.9	5.8	368.8
				6.8	367.8
10.6	364.0	8.1	366.5	6.9	367.7
11.7	362.9	9.7	365.4	6.6	368.0
B.M. Plg	N.E Cor	Howard & Cal.			
8.0	361.7	5.0	364.2	3.2	366.0
9.9	359.3	5.9	363.3	3.5	365.7
				3.3	365.9
11.4	357.8	7.3	361.9	4.7	364.5

California 54.

			369.24			W		Ctr		E	
100'	So. of	Howard.				13.5	355.7	8.7	360.5	6.1	363.1
150'	"					14.6	354.6	11.7	357.5	7.7	361.5
166	"									9.0	360.2
T.P.	5.20	361.48	12.96		356.28						
200	"					8.5	353.0	4.6	356.9	1.7	359.8
250	"					9.4	352.1	6.2	355.3	3.0	358.5
300	"					11.7	349.8	7.4	354.1	3.8	357.7
350	"					12.4	349.1	8.5	353.0	5.4	356.1
400	"					13.9	347.6	9.3	352.2	6.3	355.2
410	"									6.1	355.4
428	"									7.0	354.5
450	"							10.2	351.3	6.6	354.9
T.P.	5.45	354.81	12.12		349.36						
450	"					7.7	347.1				
466	"					8.7	346.1				
500	"					9.7	345.1	5.4	349.4	1.6	353.2

California St.

	354.81			
550' So. Howard.				
No. line Polk.				
		4.34		350.47
Ctr " "				
So " "				
50' So "				
	3.54	347.72	10.63	344.18
50' "				
100 "				
150 "				
200 "				
250 "				
T.P	4.16	339.23	12.65	335.07
300' "				
350' "				
400' "				

W		Ctr		E	
11.0	343.8	7.1	347.7	3.4	351.4
12.5	342.3	8.4	346.4	4.3	350.5
B.M. Pkg N.E. Cor Calif & Polk					
13.3	341.5	8.7	346.1	5.2	349.6
14.5	340.3	10.0	344.8	6.0	348.8
		10.8	344.0	7.4	347.4
8.8	338.9				
10.1	337.6	6.2	341.5	1.4	346.3
11.9	335.8	7.6	340.1	2.8	344.9
13.4	334.3	9.0	338.7	4.6	343.1
14.5	333.2	10.9	336.8	7.1	340.6
7.7	331.5	4.9	334.3	1.0	338.2
9.7	329.5	7.0	332.2	3.3	335.9
11.2	328.0	8.1	331.1	5.1	334.1

California 51

339.23

450' So Polk

500' So "

550' " "

No. line Lincoln

T.P.	8.48	335.82	11.89	327.34

25' So of No line

37' " " " "

Ctr

42' " " " "

57' " " "

So. line Lincoln

T.P	2.12	324.935	13.005	322.815

50' So

100' "

150' "

200

W		Ctr		E	
12.0	3 x 7.2	9.8	3 x 9.4	7.1	33 x.1
13.3	3 x 5.8	11.6	3 x 7.6	8.7	330.5
14.5	3 x 4.7	12.9	3 x 6.3	10.3	3 x 8.9
15.8	3 x 4.4	14.3	3 x 4.9	11.9	3 x 7.3

B.M. Pig N.E. Cor Calif^a Lincoln.

11.3	3 x 4.5	10.4	3 x 5.4	8.3	3 x 7.5
5.4	330.4	4.0	331 8	3.0	33 x 8
5.0	330.8	3.7	33 x.1	2.7	333.1
4.9	330.9	3.6	33 x.2	2.8	333.0
12.7	3 x 3.1	11.5	3 x 4.3	9.4	3 x 4.4
13.4	3 x 2.4	11.9	3 x 4.9	10.4	3 x 5.4
3.7	3 x 1.2	2.3	3 x x.6	0.8	3 x 4.1
4.4	3 x 0.5	3.4	3 x 1.5	1.6	3 x 3.3
5.8	319.1	4.4	3 x 0.5	2.2	3 x x.7
6.1	318.8	5.0	319.9	3.0	3 x 1.9

California St

		324.935			
250	So Lincoln				
300	"				
350	"				
400	"				
450	"				
500	"				
T.P.	3.205	317.26	10.88		314.055
500	"				
550	"				
No. line Univ.				BM	311.875
			5.30		311.962

W		Ctr		E.	
7.1	317.8	6.3	318.6	3.6	321.3
8.7	316.2	7.3	317.6	4.9	320.0
10.1	314.8	8.1	316.8	6.1	318.8
11.4	313.5	9.9	315.0	7.6	317.3
12.4	312.3	11.4	313.5	9.2	315.7
		12.0	312.9	9.7	315.2
6.6	310.7				
7.2	310.1	5.4	311.9	3.4	313.9
8.2	309.1	7.0	310.3	5.3	312.0

Oregon St - Adams to University 7/12/05 { Daurs, Brooks, Haslam

	2.84	379.35			376.5	W.		Ctr		E.	
No. line El Cajon						5.0	374.4	4.2	375.2	4.8	374.6
34' No		"				3.8	375.6				
25' "										4.6	374.8
41' "										3.1	376.3
50' "						4.7	374.7	4.8	374.6	3.6	375.8
57' "										4.5	374.9
75' "						4.1	375.3				
100' "						5.2	374.2	4.8	374.6	4.3	375.1
125' "								3.7	375.7		
150' "						5.4	374.0	5.2	374.2	5.0	374.4
174' "										3.9	375.5
200' "						5.3	374.1	5.3	374.1	5.2	374.2
250' "						5.3	374.1	5.3	374.1	5.3	374.1
287' "						4.9	374.5				
300' "						5.4	374.0	5.3	374.1	3.9	375.5
340' "						5.2	374.2				
322										4.8	374.6
T.P.	7.46	382.20	4.61		374.74						

Oregon St.

382.20

350'	No of E1 C.				
360	"				
374	"				
400	"				
423	"				
450	"				
474	"				
500	"				
537	"				
550	"				
562	"				
582	"				
Soline	Jackson 600				
Ctr	"				
20'	No of Ctr				
No line	Jackson				
		5.85	376.25		

W		Ctr		E	
7.1	375.1	7.3	374.9	7.6	374.6
6.7	375.5				
7.7	374.5				
7.6	374.6	6.6	375.6	7.0	375.2
6.0	376.2				
7.1	375.1	6.5	375.7	6.7	375.5
5.3	376.9				
6.7	375.5	6.1	376.1	5.8	376.4
				6.1	376.1
5.7	376.5	5.8	376.4	4.7	377.5
				4.3	377.9
				6.0	376.2
5.9	376.3	4.9	377.3	5.8	376.4
5.0	377.2	4.9	377.3	6.2	376.0
				4.2	378.0
5.8	376.4	6.0	376.2	5.8	376.4

BM. Pig N.E Cor. Oregon & Jackson

Oregon 5th

38220

27	No of Jackson				W.		Cts.		E.	
50	"				4.7	377.5	4.3	378.9		
75	"				5.9	376.3	6.2	376.0	5.7	376.5
100	"				4.1	378.1				
112	"				6.0	376.2	6.0	376.2	6.0	376.2
125	"				6.4	375.8				
120	"				5.3	376.9				
150	"								5.1	377.1
200	"				6.3	375.9	6.0	376.2	5.9	376.3
215	"				6.5	375.7	6.2	376.0	5.3	376.9
231	"				4.6	377.6			4.2	378.0
250	"				6.2	376.0	4.7	377.5		
267	"				5.6	376.6	6.2	376.0	6.2	376.0
275	"								5.1	377.1
T.P		7.71	383.66	6.25	6.5	375.7				
300	"				6.1	377.6	7.1	376.6	7.6	376.1
312	"				7.8	375.9				

Oregon St 7/13/05 Davis Brook Haslam

		383.66				W		Ctr		E	
329	No of Jackson.					7.0	376.7				
308	"									7.3	376.4
322	"									6.3	377.4
336	"									7.4	376.3
350	"					8.1	375.6	7.7	376.0	7.6	376.1
375	"									7.5	376.2
363	"					7.1	376.6				
381	"					6.8	376.9				
400	"					7.5	376.2	7.9	375.8	5.6	378.1
415	"					6.2	377.5				
438	"					7.5	376.2	5.2	378.5		
425	"									5.7	378.0
412	"									7.0	376.7
433										5.4	378.3
450						7.4	376.3	7.2	376.5	7.1	376.6
486										7.2	376.5

Oregon St

	383.66				W		Ctr		E	
500' No of Jackson					7.2	376.5	6.9	376.8	5.5	378.2
524 "					7.3	376.4	7.1	376.6		
539 "					6.1	377.6	5.4	378.3		
550 "					6.3	377.4	5.4	378.3	6.6	377.1
582 "									3.8	379.9
592					6.9	376.8				
So. Line Monroe					5.8	377.9	6.3	377.4	5.5	378.2
13' No of So. Line					4.9	378.8				
30. " " "					6.4	377.3			5.9	377.8
Ctr Monroe					6.3	377.4	5.9	377.8	4.5	379.2
60' No of S.L.									5.3	378.4
No line "					6.2	377.5	5.8	377.9	3.9	379.8
		6.16		377.50	B.M. Plg N.W. Cor Oregon & Monroe.					
10' No							5.9	377.8		
16' No Monroe									5.2	378.5
30'							3.4	380.3		
36 "									3.5	380.2
50 "					5.6	378.1	4.6	379.1	4.6	379.1
69' "					3.7	380.0				

Oregon St.

						W		Ctr		E	
		383.66									
87'	No Monroe					5.4	378.3				
100	"					4.6	379.1	4.8	378.9	4.9	378.8
125	"					5.1	378.6				
140	"					3.3	380.4				
130	"									2.2	381.5
150	"					3.7	380.0	4.6	379.1	4.4	379.3
T.P.	6.97	386.18	4.45		379.21						
173	"									7.2	379.0
180	"							5.0	381.2		
190	"									5.9	380.3
159	"					7.3	378.9				
200	"					7.0	379.2	6.6	379.6	6.6	379.6
215	"					7.0	379.2				
231	"					5.3	380.9			5.5	380.7
250	"					6.8	379.4	5.9	380.3	6.8	379.4
300	"					6.8	379.4	6.6	379.6	4.0	382.2
329	"					5.2	381.0			5.9	380.3
341	"									5.4	380.8

Oregon St

386.18

		W		Ctr		E	
350'	No of Monroe	6.4	379.8	5.9	380.3	6.1	380.1
366	"	6.6	379.6				
385	"	4.6	381.6				
400	"	5.6	380.7	6.0	380.2	6.0	380.2
417	"					5.8	380.4
430	"			5.3	380.9	4.9	381.3
450	"	6.2	380.0	6.2	380.0	5.8	380.4
467	"					5.6	380.6
484	"			5.9	380.3	4.1	382.1
459	"	6.1	380.1				
481	"	3.9	382.3				
500	"	5.4	380.8	4.4	381.8	5.4	380.8
510	"	6.1	380.1				
519				6.0	380.2	6.3	379.9
550		4.9	381.3	5.8	380.4	4.8	381.4
577				3.6	382.6	3.2	383.0
594						5.7	380.5

Oregon St

386.18

567 No Monroe

So. line Madison

26 No of S.L.

5.79 386.85 5.12 381.06

Ctr of Mad.

55 No of S.L.

46 " " "

No. line

29 No "

14 " "

30 " "

50 " "

70 " "

100 " "

115 " "

132 " "

128

W		Ctr		E.	
5.7	380.5				
5.8	380.4	5.9	380.3	5.1	381.1
5.0	381.2			4.6	381.6
B.M. Pig S.E Cor Oregon & Madison					
5.3	381.5	5.5	381.3	5.8	381.0
				5.2	381.6
				6.3	380.5
6.4	380.4	5.3	381.5	6.5	380.3
4.4	381.4				
				6.3	380.5
				5.0	381.8
6.1	380.7	5.2	381.6	6.2	380.6
4.4	387.4				
5.9	380.9	5.1	381.7	6.0	380.8
5.8	381.0				
4.1	387.7				
				4.4	387.4

Oregon .St

		386.85			
150'	No of Mad.				
168	"				
144	"				
180	"				
190	"				
200	"				
230	"				
250	"				
276	"				
300	"				
328	"				
350	"				
374	"				
370	"				
400	"				
T.P.	6.06	389.10	3.81		383.04
422					
431					

W		Ctr		E	
5.2	381.6	4.9	381.9	5.7	381.1
				3.9	382.9
3.8	383.0				
5.4	381.4				
			190 -	5.7	380.1
5.7	381.1	4.4	382.4	5.3	381.5
3.5	383.3			5.6	381.2
5.0	381.8	4.2	382.6	3.9	382.9
				4.9	381.9
4.7	382.1	3.8	383.0	4.9	381.9
4.6	382.2				
4.4	382.4	3.5	383.3	3.3	383.5
				4.2	382.6
4.1	382.7				
4.1	382.7	3.3	383.5	2.2	384.6
				6.1	383.0
3.3	385.8				

Oregon St

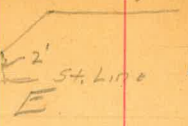
		389.10				W		Ctr		E	
450	No Mad.					4.9	384.2	5.0	384.1	4.8	384.3
456						5.7	383.4				
463	"									5.9	383.2
478	"									4.4	384.7
500	"					5.8	383.3	4.6	384.5	5.3	383.8
515	"					5.5	383.6				
533	"					4.1	385.0				
520	"									3.3	385.8
541	"									4.6	384.5
550	"					4.9	384.2	4.1	385.0	3.9	385.2
559										3.3	385.8
So line Adams						4.5	384.6	3.6	385.5	4.1	385.0
			454		384.56	B.M. Plg S.W Cor Oregon & Adams.					

Oregon St

℄

	3.48 379.99	376.51
50 line El. Cajon.		
50 So of	"	
67	"	
78	"	
100	"	
113	"	
130	"	
150	"	
200	"	
221	"	
243	"	
250	"	
300	"	
312		
338	No line Howard	

Note- Readings on E side of St. taken on slope of fill around reservoir - about 2' above natural ground except at block corners.



W		C℄		E	
5.4	374.6	5.3	374.7	4.3	375.7
5.6	374.5	5.7	374.3	3.1	376.9
5.4	374.6				
4.5	375.5				
5.7	374.3	5.7	374.3	3.0	377.0
5.7	374.3				
4.9	375.1				
5.8	374.2	5.7	374.3	3.1	377.9
5.8	374.2	5.6	374.4	3.0	377.0
4.1	374.9				
6.0	374.0				
5.7	374.3	5.6	374.4	3.3	376.7
5.6	374.4	5.8	374.2	3.2	376.8
4.6	375.4				
6.0	374.0	5.8	374.2	5.9	374.1

Oregon St 7/14/65 {Davis Brooks Haslam

		379.99			
Ctr of Howard					
18' So of Ctr					
So. line		"			
	2.40	377.47	4.92		375.07
50' So of Howard					
74 "					
100 "					
150 "					
174 "					
200 "					
250 "					
268 "					
282 "					
300 "					
350					
T.P.	4.04	373.18	8.33		369.14
363 "					
400					

W		Ctr		E	
5.5	374.5	6.0	374.0	6.0	374.0
6.9	373.1				
6.9	373.1	6.2	373.8	6.1	373.9
B.M. Spk. in fence N.E. Cor Howard & Oregon					
4.5	373.0	4.4	373.1	3.9	373.6
4.6	372.9				
5.7	371.8	4.1	373.4	4.1	373.4
6.5	371.0	3.9	373.6	4.6	372.9
5.9	371.6				
6.7	370.8	5.9	371.6	4.9	372.6
8.1	369.4	6.6	370.9	5.4	372.1
9.2	368.3				
7.4	370.1				
7.7	369.8	7.5	370.0	6.3	371.2
8.8	368.7	8.1	369.4	6.6	370.9
4.0	369.2				
5.7	367.5	3.0	370.2	3.0	370.2

Oregon St

		373.18		
450'	So. of	Howard		
500'	"			
550	"			
600	Nolina	Polk		
Ctr	line	"		
So.	"	"		
34'	So.		6.75	366.43
50'	So			
100'	"			
T.P.	1.49	365.85	8.82	364.36
150'	"			
200	"			
250	"			
300	"			
350				
400				

W.		Ctr.		E.	
5.8	367.4	5.2	368.0	3.5	369.7
6.7	366.5	5.5	367.7	4.3	368.9
7.0	366.2	6.2	367.0	4.8	368.4
7.9	365.3	6.4	366.8	5.2	368.0
8.7	364.5	7.2	366.0	6.2	367.0
8.9	364.3	8.0	365.2	6.7	366.5
B.M. Pig 10.3	S.E. Cor 362.9	Oregon &	Polk.		
10.0	363.2	9.2	364.0	8.1	365.1
10.7	362.5	10.1	363.1	8.7	364.5
3.9	362.0	3.2	362.7	2.1	363.8
4.2	361.7	3.8	362.1	2.6	363.3
5.8	360.1	4.2	361.7	3.0	362.9
6.9	359.0	6.0	359.9	4.4	361.5
9.0	356.9	7.7	358.2	6.1	359.8
9.6	356.3	8.6	357.3	7.7	358.2

Oregon St

		365.85		
450	So Poll			
477	"			
500	"			
T.P	1.09	356.78	10:16	355.69
550				
600	No. line Lincoln			
		4.66		350.13
25'	So of N.L.			
35'	" " "			
Ctr				
47'	" " "			
55	" "			
So. line	Lincoln			
50'	So "			
100	"			
150	"			

W		Ctr		E	
10.7	355.2	9.0	356.9	8.3	357.6
11.2	354.7				
12.5	353.4	10.3	355.6	9.4	356.3
5.0	351.8	3.4	353.4	1.9	354.9
6.6	349.2	5.4	351.4	4.0	352.8
B.M. Pig N.W Cor Lincoln Oregon.					
8.1	348.7	6.2	350.6	4.5	352.3
14.4	342.4	13.0	343.8	11.3	345.5
14.3	342.5	13.2	343.6	12.0	344.8
14.9	341.9	14.3	342.5	12.9	343.9
8.1	348.7	6.1	350.7	4.9	351.9
9.5	347.3	7.8	349.0	5.8	351.0
10.3	346.5	6.1	348.7	5.7	351.1
11.5	345.3	9.0	347.8	7.2	349.6
13.3	343.5	10.4	346.4	8.5	348.3

08 Oregon St

- Next Page

W Ctr E

Oregon St.

356.78

T.P.	3.20	347.19	12.79	343.9
200'	So Lincoln			
250	"			
300	"			
350	"			
400	"			
430	"			
450	"			
472	"			
492	"			
500	"			
550	"			
No. line Univ.				

7.54

339.565 =
339.65 ✓

	W		Ctr		E	
5.5	341.7	2.8	344.4	0.2	347.0	
6.7	340.5	4.0	343.2	1.7	345.5	
8.0	339.2	4.8	342.4	2.5	344.7	
9.2	338.0	6.3	340.9	3.8	343.4	
10.5	336.7	7.6	339.6	5.2	342.0	
				6.1	341.1	
12.0	335.2	9.4	336.8	8.5	338.7	
			472 =	12.3	334.9	
15.5	331.7					
16.1	331.1	13.9	332.3	9.5	337.7	
12.7	334.5	9.9	337.3	7.5	339.7	
12.8	334.4	9.8	337.4	7.8	339.4	

BM

Idaho St

	4.06	380.93			376.87
No. line El Cajon					
19' No "					
15' "					
35' "					
50' "					
82' "					
91'					
100' "					
119' "					
135' "					
150' "					
160' "					
167'					
173' "					
187' "					
200' "					
210' "					
250' "					
260' "					

W		Ctr		E	
5.6	375.3	4.8	376.1	4.5	376.4
4.4	376.5				
				3.9	377.0
				5.7	375.2
5.4	375.5	5.1	375.8	5.3	375.6
4.3	376 6				
				5.8	375.1
5.2	375.7	5.1	375.8	4.8	376.1
				5.3	375.6
				4.2	376.7
4.3	376.6	5.4	375.5	4.7	376.2
				4.2	376.7
5.2	375.7			5.5	375.4
4.6	376.3				
5.2	375.7	4.5	376.4	3.9	377.0
				5.6	375.3
5.3	375.6	4.6	376.3	5.3	375.6
5.4	375.5			4.3	376 6

Idaho 5f

380.93

284'	No of El Cajon			
300'	"			
T.P. 330'	5.85	381.02	5.76	375.17
335'	"			
350'	"			
365'				
372'	"			
383'	"			
400'	"			
415'				
423'	"			
430'	"			
441'	"			
450'	"			
463'	"			
475'	"			
487'	"			
500'	"			
511'				
522'	"			

W		Ctr		E	
3.5	377.4				
4.8	376.1	5.6	375.3	5.9	375.0
	330 =	5.7	375.3		
				6.0	375.0
5.5	375.5	4.4	376.6	5.0	376.0
	365 =	5.7	375.3		
				6.3	374.7
3.6	377.4				
5.6	375.4	4.8	376.2	5.0	376.0
		5.7	375.3	5.8	375.2
5.8	375.2				
—		4.2	376.8	6.1	375.9
4.7	376.3				
5.3	375.7	5.6	375.4	4.6	376.4
				6.3	374.7
		4.4	376.6		
4.0	377.0				
4.4	376.6	5.9	375.1	6.1	374.9
5.5	375.5				
				4.2	376.8

Idaho St

381.02

536' No El Cajon
550 "
567 "
582 "
600 " S.L. Jackson
15' No " "
20' " " "
26 " " "
Ctr " "
50' " " "
60' " "
No Ing "
T.P. 6.15 381.55 5.62 375.40
22' No of Jack
26'
50 "
62 "
79 "
85 "

W		Ctr		E	
				5.8	375.2
5.1	375.9	6.0	375.0	6.0	375.0
3.8	377.2				
5.4	375.6				
5.2	375.8	5.6	375.4	5.5	375.5
5.6	375.4			4.6	376.4
		5.7	375.3		
4.8	376.2				
4.9	376.1	4.2	376.8	5.8	375.2
		5.3	375.7		
3.9	377.1				
5.0	376.0	5.4	375.6	5.6	375.4
B.M. Pkg	N.E Cor	Idaho & Jackson.			
		4.0	377.6	4.3	377.3
5.8	375.8				
4.3	377.3	6.2	375.4	6.3	375.3
5.6	376.0				
3.8	377.8				
		3.6	378.0		

Idaho St

381.55

100' No of Sock					
110 "					
115					
129 "					
150 "					
174 "					
192 "					
208 "					
209 "					
232 "					
239 "					
250 "					
260					
266 "					
281 "					
290 "					
300 "					
308 "					
320					
332 "					
316 "					

W		Ctr		E	
5.1	376.5	5.4	376.2	5.5	376.1
5.9	375.7				
		4.2	377.4		
4.3	377.3			4.2	377.4
5.2	376.4	5.5	376.1	6.2	375.4
				6.1	375.5
				4.5	377.1
4.8	376.8	5.9	375.7	5.0	376.6
		6.0	375.6		
4.5	377.1				
		4.9	376.7		
5.1	376.5	4.9	376.7	6.2	375.4
		3.9	377.7		
5.5	376.1			6.7	375.9
				5.1	376.5
3.6	378.0				
4.4	377.2	5.9	375.7	6.2	375.4
5.3	376.3				
		4.2	377.4		
3.1	378.5				
				6.9	374.5

Idaho 57

381.55

336' No of Jack
350' "
377 "
T.P. 6.00 382.79 4.76 376.79
400 "
420 "
425 "
428 "
450 "
475 "
500 "
520 "
550 "
565 "
582 "
590 "
600 S.L. Monroe
20
27' No of S.L.
24 " "

W		Ctr		E	
				5.7	375.9
4.7	376.9	5.3	376.3	6.8	374.8
				7.1	374.5
6.3	375.5	7.2	375.6	5.7	377.1
4.6	378.2	5.2	377.6		
				8.6	372.2
5.4	377.4	7.1	375.7	8.1	374.7
				6.5	376.3
4.9	377.9	6.2	376.6	7.9	374.9
4.0	378.8			6.2	376.6
5.2	377.6	6.1	376.7	8.1	374.7
4.1	378.7	5.2	377.6		
		6.8	376.0	7.5	375.3
6.1	376.7				
4.8	378.0	4.8	378.0	8.1	374.7
		7.1	375.7		
3.4	379.4				
				4.8	376.0

Idaho St

382.79

Ctr line Monroe
50' No of S.L.
60 No of S.L.

No. line "

5.59 377.20

24' No of "
46 "
50 "
60 "
84 "
77 "
94 "
100 "
124 "

TP 8.10 383.02 7.87 374.92

143 "
150 "
170 "
182 "
185 "
200 "

W		Ctr		E	
4.3	378.5	6.7	376.1	7.0	375.8
5.8	377.0				
		4.9	377.9		
5.6	377.2	6.8	376.0	7.3	375.5
B.M. Pkg N.W Cor Idaho & Monroe					
3.6	379.2	5.6	377.2		
6.0	376.8				
5.2	377.6	6.4	376.4	9.0	373.8
4.1	378.7				
		4.6	377.2	7.6	375.2
5.2	377.6				
				8.2	374.6
4.6	378.2	7.2	375.6	7.6	374.2
6.1	376.7				
				9.7	373.3
5.1	377.9	6.6	376.4	8.6	374.4
6.3	376.7				
				7.6	375.4
		6.5	376.5		
5.0	378.0	7.9	375.1	9.3	373.7

Idaho St

383.02

			W		Ctr		E	
214'	No	Monroe	5.4	377.6			8.5	374.5
217			4.1	378.9	—		—	
228	"		—		5.4	377.6		
240	"		6.5	376.5	6.7	376.3	9.6	373.4
250	"				6.1	376.9	8.1	374.9
266	"				7.4	375.6		
280							9.3	373.7
288	"							
300	"		6.9	376.1	5.8	377.2	8.0	375.0
312	"		6.5	376.5			6.9	376.1
320	"		—		7.9	375.1		
332	"		4.6	378.4				
350	"		6.5	376.5	7.0	376.0	8.8	374.2
365	"		5.5	377.5				
373	"		—		5.3	377.7	6.8	376.2
381	"		6.9	376.1				
400	"		4.7	378.3	7.4	375.6	8.0	375.6
414	"		—		5.6	377.4	7.4	375.6
422	"		6.5	377.5	—		8.4	374.6
438	"						6.7	376.3
450	"		6.6	376.4	7.1	375.9	7.5	375.5
467							8.1	374.9
477			6.7	376.3				

Idaho St

						W		Ctr		E	
		383.02									
484 No Monroe						5.6	377.4			6.4	376.6
500 "						6.0	377.0	6.6	376.4	6.8	376.2
526 "										6.8	376.2
550 "						4.3	378.7	5.8	377.2	4.4	378.6
567 "						—				5.7	377.3
579						[illegible]				4.8	378.2
T.P.	7.41	384.52	5.91		377.11						
557 "						5.5	379.0				
578 "						7.5	377.0				
SL Madison						6.5	378.0	7.0	377.5	7.2	377.3
13' No of S.L.						5.5	379.0				
24 "						6.4	378.1				
Ctr Mad.						6.6	377.9	6.5	378.0	6.6	377.9
56' No of S.L.						6.1	378.4				
64' "						5.2	379.3				
No Line Mad.						5.7	378.8	6.0	378.5	7.0	377.5
20' No "						6.5	378.0				

Idaho St

		384.52		
		7.01		377.51
31'	No Mad.			
50	"			
78	"			
100	"			
111	"			
128	"			
150	"			
165	"			
184	"			
200	"			
213	"			
228	"			
250	"			
269	"			
T.P.	9.08	389.16	4.44	380.08

W		CH		E	
B.M. Pkg N.E. Idaho & Madison					
				5.2	379.3
4.3	380.2	5.4	379.1	6.3	378.2
4.1	378.4				
4.5	380.0	5.1	379.4	5.9	378.6
5.4	379.1				
4.0	380.5			4.1	380.4
5.0	379.5	4.6	379.9	5.5	379.0
3.3	381.2				
5.2	379.3				
3.6	380.9	4.1	380.4	4.4	380.1
4.9	379.6				
				4.9	379.6
4.3	380.2	3.2	381.3	3.2	381.3
				4.5	380.0

Idaho St

4.51 384.65 = BM Pig S.W Idaho & Adams

389.16

		IN		Ctr		E	
290'	No Mod.	6.9	383.3				
300	"	7.6	381.6	7.6	381.6	8.6	380.6
307	"	8.1	381.1				
319	"					8.5	380.7
350	"	6.5	382.7	6.7	382.5	5.7	383.5
358	"	7.1	382.1				
375	"					7.4	381.8
380	"	5.5	383.7				
394	"					5.9	383.3
400	"	6.0	383.2	5.9	383.3	6.4	382.8
430	"					5.0	384.2
450	"	5.8	383.4	5.2	384.0	5.9	383.3
475	"					4.5	384.7
477	"	4.6	384.6				
500	"	5.3	383.9	4.6	384.6	5.1	384.1
520	"	3.7	385.5				
550	"	5.2	384.0	4.0	385.2	5.1	384.1
574	"	2.9	386.3				
600 = S.L Adams		4.6	384.6	3.5	385.7	4.5	384.7

Idaho St

	3.21	380.08			376.87	W		Ctr		E	
S.L. El Cajon						5.0	375.1	4.8	375.3	3.4	376.7
17'	So	"								5.2	374.9
27'	"					5.1	375.0				
35	"					—		3.6	376.5		
50	"					2.5	377.6	5.1	375.0	5.1	375.0
80	"					5.2	374.9	~~4.6~~		4.6	375.5
100	"					5.3	374.8	5.5	374.6	5.0	375.1
127	"					5.4	374.7	5.2	374.9		
150	"					3.7	376.4	3.1	377.0	5.1	375.0
163	"					—		—		3.9	376.2
171	"					5.7	374.4	5.7	374.4	—	
181	"									5.8	374.3
187	"					—		5.7	374.4	—	
200	"					5.7	374.4	3.7	376.4	5.7	374.4
220	"					4.2	375.9				
235	"					6.0	374.1	6.3	373.8		
250	"					6.1	374.0	6.2	373.9	6.2	373.9
300	"					6.2	373.9	4.7	375.4	6.5	373.6
320	"							6.8	373.3		
338	" N.L. Howard					6.3	373.8	6.5	373.6	6.7	373.4

Idaho St

380.08

15'	So of N.L. Howard				
T.P.	4.10	377.53	6.66		373.42
24'	So of N.L. Howard				
Ctr		"			
S.L.		"			
50'	So	"			
100	"				
150	"				
166	"				
183	"				
200	"				
250	"				
T.P	3.42	375.96	5.19		372.34
300	"				
350	"				
380					
400	"				

W		Ctr		E	
5.0	375.1				
BM Pkg N.E Cor Idaho & Howard.					
				3.1	374.4
3.2	374.3	3.0	374.5	4.3	373.2
3.9	373.6	4.3	373.2	4.4	373.1
4.2	373.3	4.6	372.9	4.7	372.8
4.5	373.0	4.7	372.8	4.9	372.6
4.7	372.8	5.2	372.3	5.7	371.8
				5.4	372.1
				3.8	373.7
4.9	372.6	5.3	372.2	5.5	372.0
5.1	372.4	5.4	372.1	5.8	371.7
3.4	372.4	4.0	371.8	4.5	371.3
4.1	371.7	4.4	371.4	4.7	371.1
		3.8	372.0		
4.3	371.5	5.0	370.8	5.2	370.6

Idaho St

375.76

450' So of Howard				
500 " "				
550 " "				
600 = No. Line Polk				
T.P	2.79	372.77	5.78	369.98
Ctr line Polk				
55' So of N.L.				
65 " " "				
S. Line "				
7' So "				
20 " "				
29 " "				
30' "				
100 "				
150 "				
180 "				180
188 "				
200 "				
210 "				
220 "				

W		Ctr		E	
4.5	371.3	4.8	371.0	5.6	370.2
4.8	371.0	5.1	370.7	5.6	370.2
5.2	370.6	5.3	370.5	5.5	370.3
5.5	370.3	5.8	370.0		
B.M. Pig	N.E Cor	Idaho	Polk		
2.2	370.6	3.1	369.7	2.9	369.9
1.2	371.6				
	65'	3.1	369.7		
3.0	369.8	2.0	370.8	3.0	369.8
2.5	370.3				
	20'	3.6	369.2		
4.0	368.8				
4.1	368.7	3.3	369.5	3.4	369.4
4.1	368.7	4.4	368.4	4.6	368.2
5.2	367.6	5.3	367.5	4.6	368.2
5.8	367.0				
4.7	368.1				
5.3	367.5	5.8	367.0	5.2	367.6
6.6	366.2				
5.9	366.9				

Idaho 57

248	50	372.77			
250	So of Polk				
260	"	"			
T.P.	2.31	368.12	6.96		365.8
265	"				
285	"				
300	"				
350	"				
365	"				
380	"				
400	"				
412	"				
450	"				
500	"				
550	"				
600	No line Lincoln				
			6.41		361.71
5'	So of N.L.				
9'	" "	" "			

W		Ctr		E	
		6.4	366.4		
6.4	366.4	5.8	367.0	6.3	366.5
		6.8	366.0		
2.8	365.3				
1.4	366.7				
2.8	365.3	2.8	365.3	2.4	365.7
3.6	364.5	3.3	364.8	3.0	365.1
		2.5	365.6		
4.0	364.1				
3.3	364.8	3.5	364.6	3.7	364.4
4.5	363.6				
4.8	363.3	4.6	363.5	4.4	363.7
6.0	362.1	5.6	362.5	5.0	363.1
6.5	361.6	5.8	362.3	5.7	362.4
6.4	361.7				
B.M. Pig N.W Cor Idaho & Lincoln					
6.2	362.9	6.3	361.8	5.8	362.3
		~~3.6~~		3.6	364.5

Idaho 57

368.12

13'	So of N.L.			
15'	" " "			
25'	" " "			
	3.30	365.01		361.71
37'	So N.L.			
Ctr	of Lincoln			
43'	So of N.L.			
53'	" "			
56	"			
62	"			
69	"			
So. line of Lincoln.				
50'	So "			
100	"			
150	"			
200	"			
T.P.	2.39	355.98	11.42	353.56
250	"			

W		Ctr		E	
3.5	364.6				
		3.4	364.7		
6.9	361.2	5.4	362.7	6.0	362.1
11.3	353.7	10.8	354.2	10.1	354.9
11.6	353.4	11.3	353.7	10.3	354.7
12.0	353.0	11.2	353.8	10.2	354.8
				3.5	361.5
2.8	362.2	3.6	361.4	2.6	362.4
3.7	361.3	2.3	362.7		
2.8	362.2				
4.7	360.3	4.8	360.2	4.2	360.8
7.6	357.4	7.0	358.0	6.9	358.1
9.3	355.7	9.0	356.0	8.3	356.7
10.7	354.3	10.4	354.6	10.2	354.8
12.3	352.7	11.0	354.0	11.6	353.4
4.2	351.8	3.0	353.0	2.3	353.7

7/10/0 Davis Brooks Haslam | dato St

		355.98				W		Ctr		E	
300	So of Lincoln					4.9	351.1	4.2	351.8	3.5	352.5
350	"					6.3	349.7	5.4	350.6	4.7	351.3
400	"					6.6	349.4	6.2	349.8	5.7	350.3
450	"					8.1	348.9	6.9	349.1	6.0	3500
500	"					8.6	347.4	7.6	348.4	7.1	348.9
550	"					9.5	346.5	8.4	347.6	7.9	348.1
600	= No line Only					10.0	346.0	9.2	346.8	8.9	347.1

Utah St.

7/20/05 { Davis, Brooks, Haslam, Thomas

	3.84	377.29			373.45	W		Ctr		E	
No. line El. Cajon						5.1	372.2	6.2	371.1	6.5	370.8
35	No.					—		4.9			
38	No	"				4.3	373.0				
50	"					5.6	371.7	6.8	370.5	7.8	369.5
76	"					—		—		5.9	371.4
90	"					5.0	372.3				
100	"									7.8	369.5
117	"					6.2	371.1	7.5	369.8	6.2	371.1
140	"					3.8	373.5				
150	"					5.0	372.3	6.2	371.1	8.5	369.8
160	"							7.1	370.2		
167	"							—		7.2	370.1
170	"							6.3	371.0		
190	"							7.7	369.6		
200	"					7.0	370.3	6.3	371.0	8.2	369.1
215	"									6.3	371.0
225	"							8.0	369.3		
229	"					5.4	371.9				
250	"					7.9	369.4	8.2	369.1	9.1	368.2
275	"					59	371.4				
295	"					8.3	369.0				

Utah St.

					W		Ctr		E	
		377.29								
T.P	7.22	375.30	9.21	368.08						
269	No of El Cajon								7.9	367.4
286	"	"					5.0	370.3	6.3	369.0
300	"				5.5	369.8	6.7	368.6	7.6	367.7
310					4.7	370.6				
328	"				6.4	368.9			8.3	367.0
350	"				5.6	369.7	6.8	368.5	4.8	368.5
365	"				7.2	368.1	7.9	367.4	8.6	366.7
380	"						5.9	369.4		
400	"				6.1	369.2	7.3	368.0	8.4	366.9
410	"						8.0	367.3		
428	"				—		6.5	368.8	6.3	369.0
418	"				7.5	367.8				
445	"				4.7	370.6				
460	"				5.2	370.1	7.8	367.5	7.4	367.9
454									8.6	366.7
479					7.4	367.9				
490									7.3	368.0

Utah St

						W		Ctr		E.	
	375.30										
500' No of Cayon						6.4	368.9	7.5	367.8	8.4	366.9
520 "								5.9	369.4		
536						5.4	369.9	7.7	367.6	7.5	367.8
550 "						6.7	368.6	7.3	368.0	7.8	367.5
566 "						5.3	370.0	6.1	369.2		
574 "						—		—		6.7	368.6
583 "						7.5	367.8	8.1	367.2		
600' So. line Jackson						7.8	367.5	5.8	369.5	8.9	366.4
30' No of "								—		6.2	369.1
Ctr line "						6.7	368.6	8.3	367.0	8.7	366.6
56 No of "						7.7	367.6	—			
No " "						8.4	366.9	7.6	367.7	9.1	366.2
T.P. 5.57	372.50	8.37			366.93	= B.M.Plg	N.W Cor	Jack. &	Utah		
24' No Jackson										6.0	366.5
35 No Jackson								5.9	366.6		
42						—		—		3.7	368.8
50' No Jackson						5.6	366.9	4.1	368.4	4.5	368.0
62' "						5.5	367.0			5.9	366.6
75 "						—		5.9	366.6		
85 "						3.1	369.4				
80 "										4.9	367.6
100 "						5.5	367.0	4.9	367.6	6.3	366.2
116 "						—		3.6	368.9	—	
130						3.3	369.2	6.2	366.3	3.6	368.9

Utah St

372.50

		W		Ctr		E	
150'	No of Jack	5.7	366.8	5.8	366.7	6.4	366.1
170'	"			2.8	369.7		
194	"	5.8	366.7				
200	"	5.3	367.2	5.6	366.9	5.8	366.7
223	"	5.9	366.6				
250	"	5.6	366.9	5.7	366.8	5.9	366.6
300	"	5.6	366.9	5.8	366.7	5.0	367.5
311	"					4.1	368.4
326	"					5.8	366.7
335	"			3.2	369.3		
350	"	5.3	367.2	5.1	367.4	5.6	366.9
383	"	3.3	369.2				
400	"	4.4	368.1	5.5	367.0	5.7	366.8
432	"	5.5	367.0	5.4	367.1		
436	"					3.0	369.0
450	"	5.4	367.1	3.3	369.2	3.2	369.3
462	"					4.7	367.8
500	"	4.9	367.6	3.5	369.0	4.7	367.8
532	"					2.5	370.0

Utah St

372.50

550 No Jackson					
577 "					
590 "					
601 So. Line Monroe					
Ctr line "					
52' No of S.L. "					
68 " " " "					
T.P.	9.72	379.37	2.85		369.65
No line Monroe.					
24' No "					
30 "					
45 "					
50 "					
60 "					
75 "					
100 "					
120 "					
134					

W		Ctr		E	
4.3	368.2	2.9	369.6	3.3	369.2
1.7	370.8				
1.6	370.9				
2.7	369.8	2.4	3701	2.6	369.9
2.8	369.7	1.5	371.0	0.4	372.1
2.9	369.6				
1.1	371.4				
B.M. Pig	S.E Cor	Utah &	Monroe.		
8.7	370.7	8.3	371.1	7.5	371.9
6.4	373.0			8.0	371.4
8.1	371.3	8.5	370.9		
7.0	372.4	6.3	373.1	7.3	372.1
				6.5	372.9
5.4	374.0	7.3	372.1	7.5	371.9
7.6	371.8	5.8	373.6	6.6	372.8
5.9	371.5	6.6	372.8		
6.6	372.8				

Utah 54

379.37

150'	No Monroe			
172	"			
183	"			
200	"			
230	"			
250	"			
274	"			
300	"			
334	"			
350	"			
363	"			
400	"			
T.P.	5.62	381.48	3.51	375.86
450	"			
500	"			
550				
574				
589				
S. line Madison			4.84	376.64

W		Ctr		E	
5.8	373.6	6.4	373.0	4.9	374.5
				6.6	372.8
6.4	373.0	—			
4.7	374.7	4.6	374.8	5.3	374.1
5.7	373.7				
3.6	375.8	5.2	374.2	4.3	375.1
4.8	374.6				
4.1	375.3	4.1	375.3	4.7	374.7
4.3	375.1				
2.8	376.6	4.1	375.3	2.7	376.7
3.7	375.7			3.5	375.9
3.5	375.9	3.4	376.0	3.6	375.8
5.1	376.4	5.1	376.4	5.2	376.3
4.9	376.6	4.7	376.8	5.0	376.5
5.1	376.4	4.8	376.7	4.6	376.9
4.9	376.6	—	568' No.	3.5	378.0
3.3	378.2	—	583' No.	5.0	376.5
3.3	378.2	4.1	377.4	4.8	376.7
B.M. Pin SE Cor Utah & Madison					

Utah St

						W		Ctr		E	
	5.48	378.93			373.45						
So. line El Cajon						5.9	373.0	5.8	373.1	6.8	372.1
18'	So "									7.8	371.1
29	So "									7.6	371.3
33	"					5.8	373.1				
50	"					4.5	374.4	5.6	373.3	5.3	373.6
65	"					6.0	372.9				
71	"					—		—		7.4	371.5
90	"									7.3	371.6
100	"					5.4	373.5	5.5	373.4	6.3	372.6
114	"					—		—		5.5	373.4
121	"					5.9	373.0				
129						—		—		6.8	372.1
137	"					5.0	373.9				
150	"					5.4	373.5	5.5	373.4	5.2	373.7
161	"									6.3	372.6
200	"					5.8	373.1	5.6	373.3	6.8	372.1
222	"					5.7	373.2			6.9	372.0
237	"					5.0	373.9			5.3	373.6
250	"					5.6	373.3	5.6	373.3	5.7	373.2
256						6.1	372.8				
269						5.0	373.9			6.6	372.3
290										5.2	373.7

Utah St

378.93

279	So of El Cajon							
294	"							
300	"							
320	"							
338 = No Line Howard.								
	4.18	378.01	5.10	373.83	W		Ctr		E	
24'	So of N.L. Howard.				5.8	373.1				
Ctr					4.9	374.0				
So. line					5.3	373.6	5.6	373.3	5.6	373.3
17'	So				6.0	372.9			7.2	371.7
28'	"				4.2	374.7	5.6	373.3	5.1	373.8
41	"				BM. Pig N.E Cor Utah & Howard					
50	"								5.7	372.3
64	"				5.2	372.8	4.9	373.1	6.0	372.0
88	"				5.1	372.9	4.8	373.2	6.0	372.0
100					4.6	372.4				
140	"								6.1	372.9
									4.6	373.4
					5.4	372.6	4.8	373.2	4.9	373.1
									6.5	371.5
									6.2	371.8
					6.0	372.0	5.1	372.9	4.4	373.6
					5.9	372.1				

Utah 5A

			378.01			W		Ctr		E	
125'	So	Howard								4.8	373.2
150	"					4.9	373.1	5.2	372.8	5.8	372.2
157	"									6.7	371.3
178	"					6.0	372.0				
200	"					4.6	373.4	5.5	372.5	6.4	371.6
220	"					6.3	372.7			4.9	373.1
241	"					4.9	373.1			6.8	371.2
258	"					5.6	372.4	5.9	372.1	6.6	371.4
259	"					6.7	371.3				
270	"									7.2	370.8
300	"					7.0	371.0	6.7	371.3	6.9	371.1
T.P.	2.24	372.93	7.32		370.69						
335	"									2.3	370.6
350	"					3.0	369.9	2.5	370.4	2.2	370.7
386	"									3.2	369.7
400	"					3.9	369.0	3.3	369.6	2.1	370.8
428	"									3.9	369.0

Utah St

372.93

450	So. Howard				W		Ctr		E		
500	"				4.4	367.5	3.8	369.1	4.1	368.8	
550	"				4.7	368.2	4.4	368.5	4.3	368.6	
600	No. line Polk				4.5	368.4	4.2	368.7	4.1	368.8	
Ctr Line	"				4.8	368.1	3.9	369.0	4.2	368.7	
So. Line	"				4.0	368.9	4.0	368.9	4.3	368.6	
T.P.	3.86	372.55	4.24	368.69	4.7	368.2	4.0	368.9	4.2	368.7	
50'	So.	"			B.M. Pk. S.E. Cor Utah & Polk						
100	"				3.9	368.6	3.4	369.1	3.9	368.6	
150	"				3.9	368.6	3.6	368.9	3.8	368.7	
176	"				3.8	368.7	3.9	368.6	4.1	368.4	
200	"								3.8	368.7	
228	"				4.5	368.0	4.1	368.4	4.8	367.7	
250	"								3.6	368.9	
300	"				4.8	367.7	4.6	367.9	5.1	367.4	
350	"				5.4	367.1	4.8	367.7	5.7	366.8	
395	"				5.9	366.6	5.4	367.1	5.7	366.8	
									6.2	366.3	

372,55

V

Vext

Page

Utah 5th

372.55

T.P.	1.89	368.65	5.79	366.76
400	So Polk.			
413	"			
427	"			
450	"			
500	"			
550	"			
600	No line Lincoln			
10' So	" " "			
23 "				
27 "	" " "			
32 "	" " "			
36 "	" " "			
Ctr				
44	" " "			
49	"			
53	"			
		3.95		364.70

W		Ctr		E	
2.5	366.1	2.2	366.4	1.6	367.0
				1.2	367.4
				2.8	365.8
3.0	365.6	2.6	366.0	3.1	365.5
3.5	365.1	3.0	365.6	3.9	364.7
4.0	364.6	3.6	365.0	3.9	364.7
4.6	364.0	4.6	364.0	3.9	364.7
3.6	365.0				
3.9	364.7			4.3	364.3
8.1	360.5			6.8	361.8
7.9	360.7	5.6	363.0	6.9	361.7
7.9	360.7			7.0	361.6
				4.4	364.2
4.4	364.2				

B.M. Pig N.E. Cor Utah & Lincoln

Utah St.

7/26/05 { Davis, Brooks, Haslam

		368.65			
So. line Lincoln					
50'	So	"			
T.P.	1.24	360.98	8.91		359.74
100	"	"			
150	"				
200	"				
250	"				
300	"				
350	"				
400	"				
T.P	2.73	355.91	7.80		353.18
450	"				
500	"				
550	"				
600	No line Univ.				
			4.81		351.10

W		Ctr		E	
7.0	361.6	6.4	362.2	6.0	362.6
9.3	359.3	8.2	360.4	8.1	360.5
2.1	357.9	1.7	359.3	1.8	359.2
3.6	357.4	3.1	357.9	3.6	357.4
5.0	356.0	4.3	356.7	4.4	356.6
5.4	356.6	5.1	355.9	5.4	356.6
6.1	354.9	6.0	355.0	6.2	354.8
7.2	354.8	6.3	354.7	6.5	354.5
7.7	353.3	7.0	354.0	7.1	353.9
				2.	
3.5	352.4	2.7	353.2	2.8	353.1
3.9	352.0	3.3	352.6	3.6	352.3
5.0	350.9	4.2	351.7	4.4	351.5
5.8	350.1	5.1	350.8	4.8	351.1

B.M Plg N.E Cor Utah & Univ

Kansas St

8/4/05 { Davis, Brooks, Evans, Hanlon

	4.16	373.80			369.64	W		Ctr		E	
No. line El Cajon						6.6	367.2	6.4	367.4	7.0	366.8
32' No "						5.5	368.3				
50' "						6.6	367.2	4.7	369.1	6.8	367.0
62' "								6.7	367.1		
100' "						6.8	367.0	6.5	367.3	7.1	366.7
117 "										5.5	368.3
136 "										7.1	366.7
150' "						6.7	367.1	6.7	367.1	6.2	367.6
168 "						5.3	368.5			7.7	366.1
185 "								6.5	367.3		
200 "						7.7	366.1	7.7	366.1	7.9	365.9
225 "								7.0	366.8		
230 "						5.8	368.0				
250 "						8.1	365.7	8.4	365.4	8.8	365.0
272 "						8.3	365.5				
285										8.1	365.7
293 "						6.2	367.6	6.7	367.1		
300 "						7.0	366.8	8.1	365.7	8.4	365.4

Kansas St

373.80

315	No El Cajon			
337	"			
350	"			
T.P.	6.19	371.17	8.82	364.98
378	"			
388	"			
400	"			
409	"			
422	"			
430	"			
437	"			
445	"			
450	"			
465	"			
488	"			
500	"			
541	"			
550	"			

W		Ctr		E	
8.6	365.2				
8.4	365.4	7.7	366.1		
8.2	365.6	8.1	365.7	8.9	364.9
				6.1	365.1
				4.8	366.4
5.9	365.3	4.8	366.4	5.5	365.7
				6.0	365.2
				4.5	366.7
5.7	365.5			5.7	365.5
4.6	366.6				
5.0	366.2	6.0	365.2	6.1	365.1
6.0	365.2	4.1	365.1	—	
5.1	366.1	5.2	366.0	6.2	365.0
5.7	365.5				
4.7	366.5	6.2	365.0	6.0	365.2

Kansas St.

371.17

559	No Cajon				W		Ctr		E	
57.0					4.6	366.8				
575	"				5.9	365.3			5.5	365.7
580	"								6.0	365.2
Soline	Jackson				5.7	365.5	6.0	365.2	6.2	365.0
25'	No of S.L.	"			5.4	365.8				
Ctr		"			4.4	366.8	5.9	365.3	6.1	365.1
59	No	"			6.1	365.1				
No.	Nine	"			6.1	365.1	5.8	365.4	5.9	365.3
21'	No	"			6.0	365.2				
			5.92	365.25	= B.M. Pig	N.E. Cor	Kansas &	Jackson		
40	"				4.7	366.5			5.1	366.1
50	"				5.7	365.5	5.8	365.4	5.6	365.6
100	"				5.7	365.5	5.9	365.3	5.8	365.4
135	"								5.5	365.7
T.P.	7.11	372.69	5.59	365.58						
150'	"	Jackson			7.1	365.6	7.4	365.3	5.6	366.1
164'		"							7.2	365.5

Kansas St

372.69

		W		Ctr		E	
206	No Jackson	7.0	365.7	7.2	365.5	6.7	366.0
222	"	7.0	365.0				
242		5.5	367.2				
250	"	6.5	366.2	6.7	366.0	6.8	366.4
260						6.8	365.9
265	"			5.0	367.0		
284	"			6.8	365.9	5.0	367.7
300	"	6.2	366.5	6.8	365.9	6.8	365.9
322	"	4.0	368.7				
335				6.0	366.7	—	
350	"	6.7	366.0	5.0	367.7	5.6	367.1
360	"			6.0	366.7		
376	"	5.1	367.6			5.9	366.8
400	"	5.7	367.0	3.3	369.4	3.1	369.6
420	"	4.6	368.1	5.1	367.6	—	
435	"			3.2	369.5	4.1	368.6
425	"	5.4	367.3				
450	"	2.9	369.8	3.3	369.4	3.6	369.1
460	"			4.5	368.2		
476						2.3	370.4

Kansas St

	372.69			
500' No Jackson				
524 " "				
558 " "				
563 "				
T.P. 8.00	378.94	1.75		370.94
582 "				
So. line Monroe				
12' No of S.L. "				
32' " " " "				
Ctr "				
50 No " "				
60 " " "				
70 " " "				
		5.41		373.53
No. line "				
15 No "				
20 No Monroe				
39 " "				
50 "				

W		Ctr		E	
3.5	369.2	3.3	369.4	2.9	369.8
3.9	368.8				
1.3	371.4	2.9	369.8	2.3	370.4
3.2	369.5				
				6.9	372.0
8.1	370.1	7.8	371.1	7.5	371.4
9.0	368.9	6.4	372.5		
6.4	372.5				
7.0	371.9	7.9	371.0	4.8	374.1
7.7	371.2				
6.4	372.5	6.8	372.6	6.7	372.2
B.M. Plg	N.E Cor	Kansas &	Monroe		
7.2	371.7	6.9	372.0	5.4	373.5
7.4	371.5	4.8	374.1	4.8	374.6
5.6	373.3			6.3	372.6
6.9	372.0	4.3		5.5	372.4

Kansas St

378.94

73' No Monroe
93' " "
100' " "
110' "
127' "
150' "
165' "
176' "
200' "
212' "
240' "
250' "
260' "
264' "
280' "
300' "
315' "
T.P 5.83 381.88 2.89 376.05
340' "
350' "
370' "
381' "

W		Ctr		E	
6.7	372.2	5.5	373.4		
4.9	374.0				
5.8	373.1	4.8	374.1	2.8	376.1
6.3	372.6	5.5	373.4		
4.5	374.4			5.3	373.6
5.8	373.1	2.9	376.0	4.6	374.3
		5.1	373.8		
4.5	374.4			2.5	376.4
5.2	373.7	3.2	375.7	4.0	374.9
		4.6	374.3		
		4.6	374.3		
4.5	374.4	3.5	375.4	2.5	376.5
4.4	374.5	1.7	377.2	3.6	375.3
2.7	376.2			1.4	377.5
3.5	375.4	4.3	374.6	3.1	375.8
2.5	376.4	2.2	376.7	2.2	376.7
		4.4	375.5		
6.9	375.0	4.6	377.3	6.2	375.7
		5.8	376.1		
5.1	376.8	6.2	375.7		

Kansas St

381.88

401 N. Monroe

410 "

425 "

450 "

460 "

465 "

470 "

485 "

500 "

520 "

550 "

562 "

577 "

582 "

So. line Madison

355

378.33

W		Ctr		E	
6.5	375.4	4.6	377.3	4.7	377.2
		5.8	376.1	5.6	376.3
		3.6	378.3		
6.2	375.7	5.9	376.10	5.1	376.8
				5.4	376.5
6.2	375.7				
		4.0	377.9		
3.4	378.5			3.0	378.9
5.5	376.4	5.2	376.7	4.5	377.4
		2.8	379.1		
5.7	376.2	5.2	376.7	4.3	377.6
				4.7	377.2
2.8	379.1				
				2.6	379.3
5.0	376.9	5.0	376.9	2.8	379.1

B.M. Cap Tack top of White stake S.W. Mad. & Kansas

Kansas St

8/5/05 { McEwen, Davis, Brooks, Haslam

	6.23	375.87			369.64	W		Ctr		E	
Saline El Cajon						6.8	369.1	7.4	368.5	7.9	368.0
12	soot	"								7.7	368.2
25	"									6.4	369.5
50	"					6.6	369.3	7.1	368.8	7.4	368.5
100	"					6.5	369.4	6.7	369.2	7.2	368.7
122	"									7.2	368.7
135										5.1	370.8
150						6.5	369.4	6.7	369.2	6.3	369.6
162						5.0	370.9			7.2	368.7
170								4.7	371.2		
200						6.4	369.5	6.8	369.1	7.2	368.7
228										5.2	370.7
250						6.2	369.7	6.8	369.1	7.3	368.6
275										4.9	371.0
278										6.5	369.4
300						4.8	371.1	6.2	369.7	6.8	369.1

Kansas St

	6	375.87		
326	South of El Cajon			
338	" = N. Line of Howard			
16'	" of N. " " "			
T.P	6.36	375.93	6.30	369.57
Ctr	Line of Howard			
55'	South " N. L. Howard			
	" Line "			
32'	" of Howard			
15'	"			
24'	"			
50'	"			
74'				
100'				
136'				
150'				
165'				

W		Ctr		E	
7.0	368.9			7.4	368.5
		5.9	370.0	6.4	369.5
6.3	369.6			4.9	371.0
= B.M. Pig. N.W. Cor Kansas & Howard.					
5.0	370.9	6.5	369.4	6.7	369.2
6.6	369.3				
6.3	369.6	5.3	370.6	7.1	368.8
6.3	369.6			7.3	368.6
		6.9	369.0		
4.5	371.4				
6.3	369.6	6.5	369.4	5.3	370.6
4.3	371.6	5.4	370.5	7.0	368.9
6.3	369.6	5.5	370.4	7.3	368.6
4.9	371.0				
6.0	369.9	6.4	369.5	6.1	369.8
				5.9	370.0

Kansos St

375.93

185'					
200'					
214'					
231					
218					
245					
250					
269					
284					
300					
322					
335					
350					
T.P.	4.57	374.31	6.19		369.74
345					
350					
400					

W		Cr		E	
				7.0	368.9
6.1	369.8	6.6	369.3	5.7	370.2
		5.1	370.8	6.7	369.2
				5.5	370.4
5.2	370.7				
5.9	370.0				
5.3	370.6	5.8	370.1	6.1	369.8
6.2	369.7			7.3	368.6
6.4	369.5				
4.7	371.2	6.1	369.8	5.4	370.5
(H.I. = 374.41)				6.7	369.2
4.7	369.7			6.2	
		—		5.5	368.8
4.2	370.1	4.7	369.6	5.7	368.6
4.5	369.8	4.9	369.4	5.0	369.0

Kansas St

374.31

430				W		Ctr	E
450	So of Howard			4.9	369.4		
463				3.9	370.4	5.2	369.1 5.4 368.9
480				4.8	369.5		
491				3.9	370.4		
500				4.9	369.4		
515				4.6	369.7	5.2	369.1 5.6 368.7
535							5.8 368.5
550							4.4 369.9
570				5.0	369.3		
575				3.7	370.6	5.4	368.9 5.7 368.6
590				5.1	369.2		
	N. Line Polk						5.7 368.6
31							4.7 369.6
19				4.6	369.7	4.6	369.7 5.4 368.9
	Ctr Line	11					5.8 368.5
				5.3	369.0		
				3.7	370.6	4.9	369.4 4.6 369.7

Kansas St.

			374.31					
4 60					W		Cr	E
4 50'	So of N. Line				5.6	368.7		
	So Line of Polk							4.1 370.2
4 21'	So of South Line of Polk					NB.	4.5	369.8 6.0 368.3
46'								5.4 368.9
T.P.	4.37	372.95	5.73	368.58				6.4 367.9
17'					Plug at S. W. Cor. Kansas & Polk.			
33'					3.3	369.7		
50'					4.7	368.3		
75'					4.3	368.7	3.2	369.8 3.9 369.1
100'								5.2 367.8
135'					5.1	367.9	4.5	368.5 5.3 367.7
150					5.0	368.0	5.2	367.8
167					4.3	368.7	3.9	369.1 5.7 367.3
185					4.9	368.1		
193					4.6	368.4		
180					5.3	367.7		
								4.8 368.2

Kansas St

						W		Ctr		E	
		372.95									
200' So Polk						4.6	368.4	5.3	368.7	6.0	367.0
222										5.0	368.0
232										6.1	366.9
212						4.4	368.6				
229						6.0	367.0				
250						5.9	367.1	6.1	366.9	5.9	367.1
262										5.6	367.4
283										6.2	366.8
300						6.6	366.4	5.7	367.3	5.3	367.7
350						7.1	365.9	5.9	367.1	6.7	366.3
T.P.	4.32	370.65	6.62		366.33						
400						5.1	365.6	5.1	365.6	4.6	366.1
409						4.7	366.0				
420										5.2	365.5
445						5.6	365.1				
450						4.5	366.2	4.5	366.2	4.5	366.2
460						3.8	366.9	5.5	365.2	5.9	364.8

Kansas St

370.65

		W		Ctr		E	
483		5.7	366.0				
490						6.0	364.7
500		4.7	366.0	5.6	365.1	4.7	366.0
540						7.1	363.6
515		5.8	364.9	4.4	366.3		
531		4.8	365.9				
550		6.0	364.7	5.8	364.9	6.6	364.1
555		6.9	363.8				
570				7.2	363.5	5.1	365.6
	North Line of Lincoln	6.1	364.6	6.0	364.7	7.7	363.0
B.M.			6.15	364.50	= Plug N.W. Cor. Kansas & Lincoln		
	Cr. Line of Lincoln	7.6	363.1	7.6	363.1	7.7	363.0
46'	S. of N. Line	8.1	362.6				
50'		6.6	364.1				
	South Line of Lincoln	7.9	362.8	7.5	363.2	8.3	362.4
15'	South of S. Lin					6.9	363.8

Kansas 5+

370.65

38 So. of South Line of Lincoln

T.P. 1.59 364.55 7.69 362.96

	W		Ch		E	
					8.5 X	356.1
50	3.2	361.4	3.1	361.5	1.6 X	365.0
74					3.3	361.3
100	2.6	362.0	3.7	360.9	3.7	360.9
115					1.9	362.7
150	4.1	360.5	4.3	360.3	4.4	360.2
160	4.9	359.7				
171					3.7	360.9
200	5.4	359.2	5.0	359.6	5.7	358.9
208	6.0	358.6				
219	4.9	359.7				
250	6.7	357.9	6.6	358.0	5.4	359.2
263	7.1	357.5			5.3	359.3
282	6.0	358.6			4	
300	7.2	357.4	7.0	357.6	7.0	357.6

Kansas St

364.55

310					W		Ctr.		E	
313	So. of South Line of Lincoln				7.9	356.7			6.8	357.8
338					6.8	357.8				
350					7.4	357.2	7.9	356.7	7.4	357.2
360					8.3	356.3				
382					7.3	357.3				
400					8.8	355.8	8.6	356.0	8	356.6
427									7.8	356.8
T.P.	3.37	359.32	8.60	355.95						
413					3.2	356.1				
436					4.3	355.0				
450					3.9	355.4	4.1	355.2	3.5	355.8
470							3.0	356.3	4.0	355.3
500					5.0	354.3	4.8	354.5	3.1	356.2
535									4.9	354.4
515					5.1	354.2	3.5	355.8		
530					4.1	355.2				

			W		Cr.		E	
		359.32	6.8	353.3				
550	South of South line of Lincoln		6.0	353.3	5.9	353.4	4.4	354.9
575							5.2	354.1
	N. Line University Ave		5.30	354.0	6.2	353.1	6.8	353.5

527 354.05 Pkg N.E Cor Kansas Unit

UTAH ST.

MADISON – ADAMS.

COVERT WETMORE MOORE.

12/5/05

11.34 387.98 376.64

	E. L.	W. L.
0 = N. L. MADISON.	PLUG AT S.E. COR. UTAH & MADISON.	
25-N	10.6 2774	8.4 2796
50-N	9.0 278.0	10.3 277.7
60-N	9.5 278.5	10.0 278.0
80-N	8.7 279.3	
100-N		8.2 279.8
145-N	10.2 2778	9.8 278.2
150-N	8.9 2791	
200-N	9.2 2788	9.8 278.2
210-N	9.8 278.2	9.9 278.1
230-N		8.5 279.5
250-N	8.7 2793	
265-N	9.2 2788	9.2 278.8
280-N	7.3 2809	9.2 278.8
290-N	8.7 2793	
300-N		7.0 281.0
	7.7 280.1	7.4 280.6

UTAH ST.

387.98

	E.L		W.L	
315-N	8.8	279.2		
320-N			8.0	280.0
330-N	6.8	281.2		
340-N			6.0	282.0
350-N	7.6	280.4	6.8	281.2
375-N			5.5	282.5
400-N	6.6	281.4	5.2	282.8
420-N	[illegible]		6.6	281.4
450-N	6.3	281.7	4.3	283.7
465-N	4.9	283.1		
475-N			5.9	282.1
500-N	5.0	283.0	4.7	283.3
550-N	4.4	283.6	4.4	283.6
600 = S. L. ADAMS	3.5	284.5	3.9	284.1

KANSAS ST.

MADISON – ADAMS. { COVERT. WETMORE. MOORE

12/5/05

11.34 387.98 376.64

0 = S. L ADAMS.

50-S

100-S

150-S

170-S

180-S

200-S

240-S

210-S

230-S

250-S

260-S

275-S

300-S

320-S

350-S

E. L			W. L	
PLUG AT S. E. COR. UTAH & MADISON				
+ 0.2	388.2		0.0	388.0
0.0	388.0		0.3	387.7
0.6	387.4		1.1	386.9
0.4	387.6		2.0	386.0
			3.3	384.7
2.0	386.0		-	
1.1	386.9		3.2	384.8
			2.7	385.3
0.6	387.4			
2.3	385.7			
2.4	385.5		4.3	383.7
3.8	384.2			
			2.8	385.2
4.0	384.0		5.5	382.5
2.7	2853			
5.7	282.3		6.0	282

KANSAS ST.

387.98

						E. L				W. L	
400-S						5.3	282.7			6.0	282
410-S						5.4	282.6			7.2	280.8
430-S										7.0	281.0
450-S						7.8	280.2			8.5	279.5
460-S						6.8	281.2				
490-S						8.6	279.4				
500-S						7.3	280.7			9.6	278.4
515-S						7.2	280.8				
525-S						8.6	279.4			7.3	280.7
550-S						8.0	280			10.2	277.8
570-S										10.2	277.8
565-S						9.9	278.1				
580-S										8.5	279.5
600-S = N. L. MADISON						9.6	278.4			10.1	297.9
			9.67	378.31	378.33 378.31 .02	WHITE GUARD STAKE SW. COR. KANSAS & MADISON					

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376.51 2.E - Oregon

384.61 Tonbell inlet pipe Reservoir

376.87 - Idaho - S.W.

373.45 - Utah "

369.64 - Kansas "

367.32

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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Civil Hall, San Fernando

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