T35N-R9E

USFS 3509 BK4

Book # 4

Enterprise

U.S. Forest Service
Federal Building
Rhinelander, Wis.

/

Enterprise Project

T 35N. R 9E.

3

Line East from 16/15 21/22 to 15/14 22/23

Sta. occupied	Sta. sighted	1st angle	third angle	mean angle
#22	Corner #21	0-00		
	#23	180-00	180-00	180-00
#23	#22	00		
	#24	180-00	180-00	180-00
#24	#23	00-00		
	#25	180-00	180-00	180-00

Nelson
Jackson
Tillman
Gardner
12-3-69

25° cloudy

point #21 ~ Section Corner N.W.

Corner of Section 22 Pipe Monument

T35 R-9
S16 S15
S-21 S-22

4

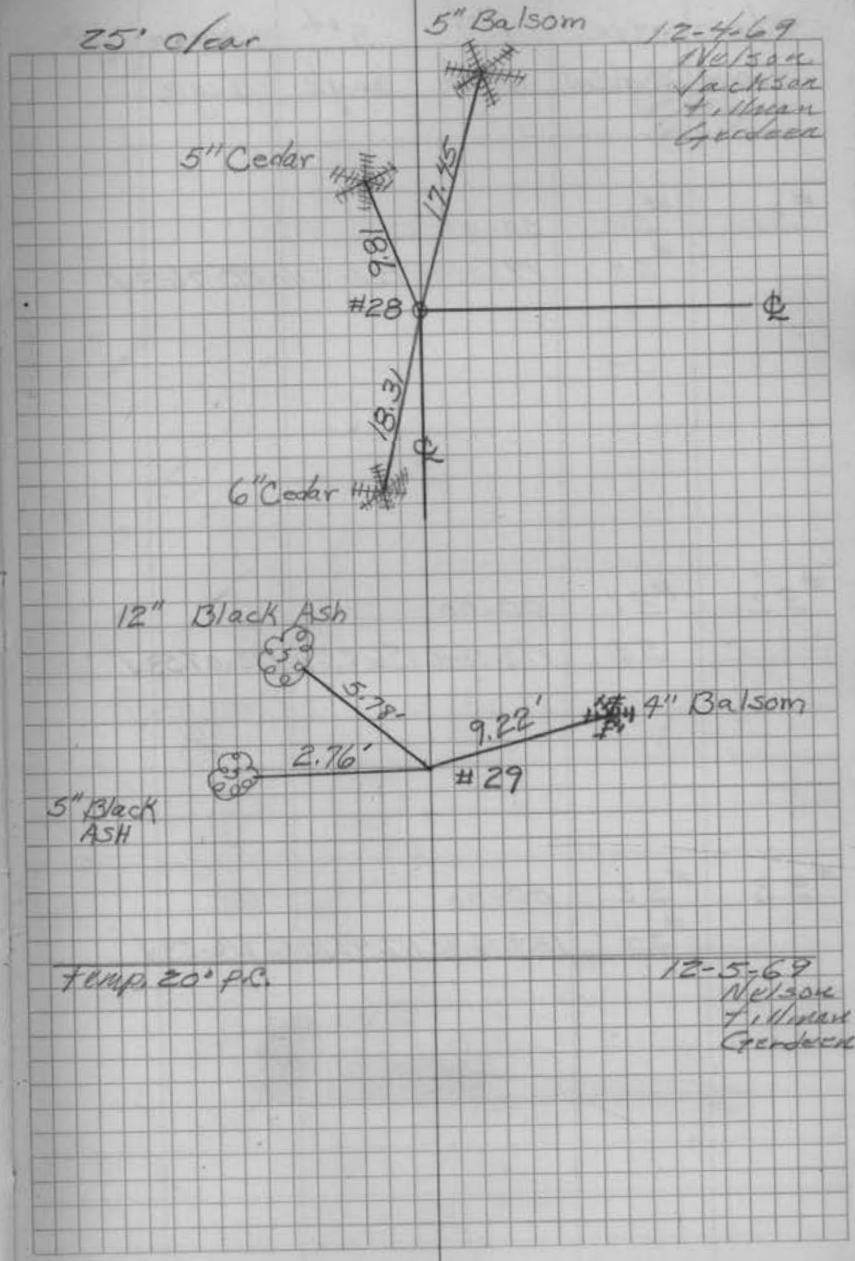
sta. occupied	sta. sighted	1st angle	3rd. angle	mean angle
#25	#24	00-00		
	#26	180-00	180-00	180-00
#26	#25	00-00		
	#27	180-00	180-00	180-00
#27	#26	00-00		
	28	180-00	180-00	180-00

25° clear

12-4-69

Nelson
Jackson
+, Nelson
Gerdson

Sta. occupied	Sta. sighted	1st. angle	3rd. angle	Mean angle
#28	#27	00-00		
	#29	270-00	270-00	270-00
#29	#28	00-00		
	#30	180-00	180-00	180-00
#30	#29	00-00		
	#31	64-19-20	192-58-00	64-19-20 ✓



Sta. Occupied	Sta. Sighted	1st angle	3rd. angle	mean angle
#31	#30	00-00		
	#32	195-26-20	226-18-40	195-26-13 ✓
#32	#31	00-00		
	33	172-08-10	156-23-40	172-07-53 ✓
#33	#32	00-00		
	#34	159-16-40	117-49-10	159-16-23 ✓

temp 20° P.C.

12-5-69

Nelson to Moran Gr-Seed

temp. 20° P.C. 12-5-69

Nelson
Fillman
Gerdeen

Sta. occupied	Sta. sighted	1st angle	3rd angle	mean angle	
#34	#33	00-00			
	35	235-11-20	345-33-00	235-11-00	✓
#35	#34	00-00			
	36	193-53-20	221-40-00	193-53-20	✓
		00-00			
#36	#35 Corner #37	192-26-20	217-18-20	192-26-~~26~~ 07	✓

#37 Concrete monument N.E. Corner of Section 22

78 Line South from Sta 30 to Sta 12

Sta. occupied	Sta. sighted	1st. angle	3rd. angle	mean angle
#30	#29	00-00		
	#38	108-28-40	325-25-20	108-28-26 ✓
#38	#30	00-00		
	#39	204-56-00	254-48-00	204-56-00 ✓
#39	#38	00-00		
	#40	169-24-40	148-13-20	169-24-22 ✓

P.C. 22°

12-10-69

Nelson
Jackson
Tillman
Gerdeen

#30 ~ point set on line ran from N.W. Section Corner to N.E. Section Corner of Section 22

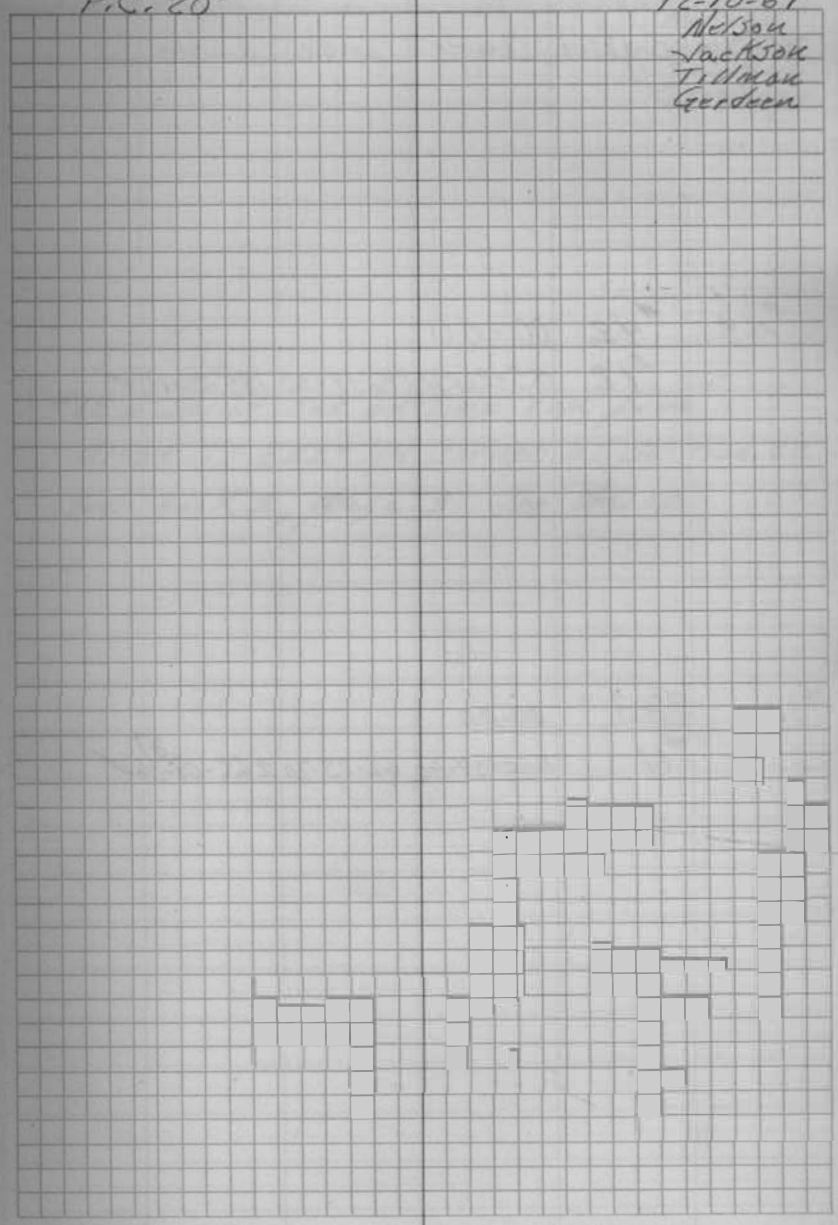
Sta 30 - See page 30 this book

Sta 12 - See page 3 book 2

Sta. occupied	Sta. sighted	1st. angle	3rd. angle	mean angle	
#40	#39	00-00			
	#41	247-51-00	23-32-10	247-50-43	✓
#41	#40	00-00			
	#42	189-37-20	208-52-00	189-37-20	✓
#42	#41	00-00			
	#43	174-12-40	162-37-00	174-12-20	✓

P.C. 20°

12-10-69
Nelson
Jackson
Tillman
Gerdeen



Sta. occupied	Sta. sighted	1st. angle	3rd. angle	mean angle
#43	#42	00-00		
	#12	185-26-10	196-18-30	185-26-10 ✓
#12	#43	00-00		
	#11	262-08-30	66-25-20	262-08-27 ✓

P.C. 20°

12-10-69
Nelson
Jackson
Tillman
Gerdeen

#12 = Point set on line ran from West to East 1/4 Corner of Section 22
See book 2, page 3 for sta 12

12 Line East from 16/15 / 21/22 to 15/14 / 22/23

Sta from	Sta to	Slope dist.	Vert. angle	Corr. dist.	
23	22	100.00	0°	100.00	
		100.00	0°	100.00	
		95.00	0°	95.00	
		100.00	0°	100.00	
		14.91	0°	14.91	
				409.91	
MEAN 409.76				-.14	TEMP
				409.77	
22	21	100.00	0°	100.00	
		100.00	0°	100.00	
		78.68	0°	78.68	
				278.68	
				-.10	TEMP
MEAN 278.59				278.58	
21	22	78.81	0°	78.81	
		100.00	0°	100.00	
		99.89	0°	99.89	
				278.70	
				-.10	TEMP
MEAN 278.59				278.60	

temp. 16° snow

12-11-69

Jackson
Tillman
Gordon

Sta 21 = sec. cor 16/15 / 21/22

temp - 16° snow 12-11-69

Jackson
Finnan
Gerdeen

Sta. from	Sta To	Slope dist	vert Angle	Corr. dist.	
22	23	100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		9.89	0°	9.89	
				409.89	
MEAN 409.76				.14	TEMP
				409.75	
23	24	100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		17.20	0°	17.20	
				517.20	
MEAN 517.02				.18	TEMP
				517.02	
24	23	100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		17.21	0°	17.21	
MEAN 517.02				517.21	
				.18	TEMP
				517.03	

temp. 20° snow

12-12-69

Nelson
Jackson
Tillman

Sta from	Sta. to	Slope dist.	Vert. angle	Corr. dist.	
28	27				
		100.00	0°	100.00	
		100.00	0°	100.00	
		44.10	0°	44.10	
				244.10	
MEAN 244.02				.08	TEMP
				244.02	
27	26				
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		20.59	0°	20.59	
				420.59	
MEAN 420.44				-.13	TEMP
				420.46	
26	25				
		100.00	0°	100.00	
		100.00	0°	100.00	
		63.92	0°	63.92	
				263.92	
				.08	TEMP
MEAN 263.82				263.84	

15

Sta. from	Sta. to	slope dist.	vert angle	corr. dist.	
25	24				
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		19.66	0°	19.66	
				419.66	
MEAN 419.54				.13	TEMP
				419.53	
24	25				
		19.83	0°	19.83	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		99.85	0°	99.85	
MEAN 419.54				419.68	
				-.13	TEMP
				419.55	
25	26				
		100.00	0°	100.00	
		100.00	0°	100.00	
		63.89	0°	63.89	
				263.89	
MEAN 263.82				-.08	TEMP
				263.81	

temp. 20° P.C

12-12-69

419.68

Sta from	Sta To	Slope dist.	vert angle	Corr dist	
26	27				
		21.02	0°	21.02	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		99.53	0°	99.53	
				420.55	
MEAN 420.44				-.13	TEMP
				420.42	
27	28				
		100.00	0°	100.00	
		100.00	0°	100.00	
		44.11	0°	44.11	
				244.11	
MEAN 244.02				-.08	TEMP
				244.03	
28	29				
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		3.73	0°	3.73	
				403.73	
MEAN 403.61				-.13	TEMP.
				403.60	

temp. 70° P.C. 12-12-69

420.39

420.55

244.10

Sta. from	Sta. To	Slope dist.	vert. angle	corr. dist.	
29	30				
		100.00	0°	100.00	
		100.00	0°	100.00	
		70.73	0°	70.73	
				270.73	
				.08	TEMP
MEAN 270.65				270.65	
34	35				
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		02.77	0°	02.77	
				302.77	
				-.09	TEMP
MEAN 302.67				302.68	
35	34	02.95	0°	02.95	
		100.00	0°	100.00	
		100.00	0°	100.00	
		99.80	0°	99.80	
				302.75	
				-.09	TEMP
MEAN 302.67				302.66	

temp. 20° F.C.

12-12-69
Nelson
Jackson
Tillman
Gardeen

temp. 19° F.C.

12-17-69
Jackson
Tillman

Sta from	Sta to	Slope dist.	vert. angle	Corr. dist.	
30	29				
		99.00	0°	99.00	
		100.00	0°	100.00	
		71.74	0°	71.74	
				270.74	
MEAN 270.65				-.08	TEMP
				270.66	
29	28				
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		3.76	0°	3.76	
				403.76	
				-.13	TEMP
MEAN 403.61				403.63	
30	31				
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		91.88	0°	91.88	
MEAN 391.75				391.88	
				-.12	TEMP
				391.76	

temp. 18° P.C.

12-15-69

Nelson
Jackson
Gerdeen

270.74

Sta from	Sta. to	Slope dist.	Vert angle	Corr. dist.	
31	30	92.41	0°	92.41	
		100.00	0°	100.00	
		100.00	0°	100.00	
		99.45	0°	99.45	
				391.86	
MEAN 391.75				- 12	TEMP
				391.74	
~~31~~	~~32~~	~~100.00~~			
		~~100.00~~			
		~~100.00~~			
		~~100.00~~			
		~~100.00~~			
		~~70.39~~			
32	31	71.47	0°	71.47	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		98.75	0°	98.75	
				570.22	
MEAN 570.06				.18	TEMP
				570.04	

temp 18° P.C.
Show figs

12-15-69
Nelson
Jackson
Gardeen

temp 18° D.C.
Snow flys.

12-15-69
Nelson
Jackson
Gerdeen

Sta. from	Sta. to	Slope dist.	Vert. angle	Corr. dist.	
32	33	100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		48.80	0°	48.80	
				948.80	
MEAN 948.55				-.29	TEMP
				948.51	
33	32	100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		48.88	0°	48.88	
				948.88	
MEAN 948.55				.29	TEMP
				948.59	

temp. +16° P.C.

12-16-69

Nelson
Jackson
Gerdeen

Sta from	Sta. to	Slope dist.	vert. angle	Corr. dist.	
31	32	100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		70.28	0°	70.28	
				570.28	
MEAN 570.06				-.20	TEMP
				570.08	
33	34	100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		24.96	0°	24.96	
				724.96	
				-.25	TEMP
MEAN 724.71				724.71	

Sta. from	Sta. to	Slope dist.	vert. angle	Corr. dist.	
34	33	100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		24.96	0°	24.96	
				724.96	
MEAN 724.71				-.25	TEMP
				724.71	
35	36	28.00	0°	28.00	
		100.00	0°	100.00	
		67.82	0°	67.82	
				195.82	
MEAN 195.74				-.07	TEMP
				195.75	
36	37	100.00	0°	100.00	
		90.95	0°	90.95	
				190.95	
				-.07	TEMP
MEAN 190.88				190.88	

temp. 17° P.C.

12-16-69
Nelson
Jackson
Gerdeen

TEMP 17° Snow

12-18-69
Tillman
Jackson

23

Sta. from	Sta. to	Slope dist.	vert. angle	Corr. dist.	
37	36	91.31	0°	91.31	
		99.65	0°	99.65	
				190.96	
MEAN 190.88				.07	TEMP
				190.89	
36	35	68.03	0°	68.03	
		100.00	0°	100.00	
		27.78	0°	27.78	
				195.81	
MEAN 195.74				-.07	TEMP
				195.74	
30	38	60.00	0°	60.00	
		80.00	0°	80.00	
		37.00	0°	37.00	
		28.00	0°	28.00	
		28.00	0°	28.00	
		61.97	0°	61.97	
				294.97	
MEAN 294.86				-.10	TEMP
				294.87	

temp. 17° Snow

Temp +12° P. Cloudy

12-23-69
Tillman
Jackson

Temp +12° P. CLOUDY

12-23-69
TILLMAN
Jackson +

sta. from	sta. to	slope dist.	vert. angle	corr dist.	
38	39	100.00	0°	100.00	
		60.00	0°	60.00	
		22.23	0°	22.23	
				182.23	
				-.06	TEMP
				182.17	
39	40	100.00	0°	100.00	
		72.00	0°	72.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		75.66	0°	75.66	
				647.66	
				-.22	TEMP
MEAN 647.41				647.44	
40	41	100.00	0°	100.00	
		68.00	0°	68.00	
		100.00	0°	100.00	
		87.30	0°	87.30	
				355.30	
				-.13	TEMP
MEAN 355.17				355.17	

Sta. from	Sta. to	slope dist.	vert. angle	Corr. dist.	
41	42	100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		11.35	0°	11.35	
				311.35	
				-.12	TEMP
MEAN 311.22				311.23	
42	43	63.00	0°	63.00	
		100.00	0°	100.00	
		20.00	0°	20.00	
		80.00	0°	80.00	
		99.62	0°	99.62	
				362.62	
				-.14	TEMP
MEAN 362.49				362.48	
43	12	100.00	0°	100.00	
		100.00	0°	100.00	
		28.30	0°	28.30	
				228.30	
				-.09	TEMP
				228.21	
MEAN 228.19					

Temp +12 P. Cloudy

12-23-69
Tillman
Jackson

Temp +12° P. Cloudy 12-23-69

Tillman
Jackson

Sta. from	Sta. to	slope dist.	vert. angle	Corr. dist.	
12	43	28.42	0°	28.42	
		100.00	0°	100.00	
		99.85	0°	99.85	
				228.27	
				.09	TEMP
MEAN 228.19				228.18	
43	42	100.00	0°	100.00	
		80.00	0°	80.00	
		20.00	0°	20.00	
		100.00	0°	100.00	
		62.64	0°	62.64	
				362.64	
				.14	TEMP
MEAN 362.49				362.50	
42	41	11.91	0°	11.91	
		100.00	0°	100.00	
		100.00	0°	100.00	
		99.42	0°	99.42	
				311.33	
				-.12	TEMP
MEAN 311.22				311.21	

sta. from	sta. to	slope dist.	vert. angle	corr. dist.	
41	40	88.14	0°	88.14	
		100.00	0°	100.00	
		67.00	0°	67.00	
		100.16	0°	100.16	
				355.30	
MEAN 355.17				-.13	TEMP
				355.17	
40	39	75.80	0°	75.80	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		100.00	0°	100.00	
		72.00	0°	72.00	
		99.82	0°	99.82	
				647.62	
MEAN 647.41				-.24	TEMP
				647.38	
39	38	22.48	0°	22.48	
		100.00	0°	100.00	
		60.00	0°	60.00	
		99.78	0°	99.78	
				282.26	
				-.11	TEMP.
Mean = 282.14				282.15	

Temp +12° P.Cloudy

12-23-69
Tillman
Jackson

Temp +12 Cloudy

12-24-69
Tillman
Jackson

STA From	STA To	Slope dist.	Vert. Angle	Corr. dist.	
38	30	61.87	0°	61.87	
		28.00	0°	28.00	
		28.00	0°	28.00	
		37.00	0°	37.00	
		80.00	0°	80.00	
		60.09	0°	60.09	
				294.96	
				-.11	TEMP
MEAN		294.86		294.85	

38	39	100.00	0°	100.00	
		60.00	0°	60.00	
		100.00	0°	100.00	
		22.23	0°	22.23	
				282.23	
				11	
				282.12	

Mean = 282.14

Temp +12 Cloudy 12-24-69
T. Ullman
Jackson

Temp +12°
P. Cloudy 12-23-69 T. Ullman
Jackson

Sta. occupied	Sta. sighted	1st angle	3rd angle	Mean angle
1/16 Corner	#24			
	#44	259-19-20	35758-12	259-19-24
#44	1/16 Corner	00-00		
	#45	180-00	180-00	180-00
#45	#44	00-00		
	46	180-00	180-00	180-00

1-8-70 Nelson
Jackson
Tillman

P.C. +12°
T-35 N. R-9E
occupied E 1/16 Brass Cap 3.22 Line
ran North 3.27

Angle turned & computed for proper angle
E 1/16 corner bet. Sec. 22 & 27 as established in survey for sec. 27

Temp 0° Clear 1-12-70

Tallier
Sheffer
Tillman
Jackson

STA Occupied	STA Sighted	1st Angle	3rd Angle	mean Angle
#46	#45	00-00		
	#47	180-00	180-00	180-00
#47	#46	00-00		
	#48	180-00	180-00	180-00
#48	#47	00-00		
	#49	180-00	180-00	180-00

STA Occupied	STA Sighted	1st Angle	3rd Angle	Mean Angle
#49	#48	00-00		
	#50	180-00	180-00	180-00
#50	#49	00-00		
	#51	180-00	180-00	180-00
#51	#50	00-00		
	#14	91-56-20	275-49-20	91-56-27

Temp 0° PCloudy 1-13-70

Tallier
Shaffer
Tillman
Jackson

Temp +20 Snow 1-15-70

Tallier
Shaffer
Tillman
Jackson

STA Occupied	STA Sighted	1st Angle	3rd Angle	Mean Angle
#14	#51	00-00		
	#13	179-57-40	179-53-00	179-57-40

temp. 11° PC.

1-16-70
Nelson
Jackson
Tillman

E 1/16 corner bet. sec. 22 & 27

Sta. from	sta. to	slope dist.	vert angle	Corr. dist.	
1/16 Corner	#44			55.93	
				50.00	
				75.92	
				181.85	
				.07	temp.
				181.78	
			Mean ~	181.78	
#44	#45				
				100.00	
				100.00	
				80.10	
				280.10	
				.11	temp.
				279.99	
			Mean ~	279.98	
#45	#46				
				20.00	
				12.00	
				8.00	
				6.00	
				76.90	
	Mean ~	122.83		122.90	
				.05	temp.
				122.85	

35

sta. from	sta to			corr dist.	
#46	#47				
				100.00	
				100.00	
				9.19	
				209.19	
				.08	temp
			Mean ~ 209.11		
#47	#48				
				100.00	
				100.00	
				68.37	
				268.37	
				.11	temp.
				268.26	
		Mean ~ 268.24			
#48	#47				
				68.57	
				100.00	
				99.77	
				268.34	
				.11	temp.
		MEAN 268.24		268.23	

temp. 11° P.C.

1-16-70
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temp. 11° P.C.

1-16-70
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Sta from	Sta to	Corr. dist.	
#47	#46		
		37.00	
		100.00	
		72.19	
		209.19	
		.08	temp.
		209.11	
	MEAN 209.11		
#46	#45		
		76.82	
		6.21	
		7.68	
		12.04	
		20.12	
		122.87	
		05	temp.
		122.82	
	MEAN 122.83		
#45	#44	80.77	
		100.00	
		99.32	
		280.09	
	MEAN 279.98	.11	temp.
		279.98	

Sta. from #44	Sta. To #116 corner			Corr dist.	
				77.00	
				49.00	
				55.85	
				181.85	
				-.07	temp.
				181.78	
	MEAN 181.78				
#48	#48				
				100.00	
				100.00	
				100.00	
				100.00	
				17.96	
				417.96	
				.17	temp.
			mean –	417.79	

Tempe 11° F.C.

L-16-70
Nelson
Jackson
Tillman

temp 11° P.C.

1-16-70
Nelson
Jackson
Tillman

sta. from	sta. to	Corr. dist.	
#49	#50		
		100.00	
		100.00	
		100.00	
		100.00	
		100.00	
		2.13	
		502.13	
		.20	temp.
	mean -	501.93	
#50	#51		
		100.00	
		100.00	
		100.00	
		100.00	
		100.00	
		66.67	
		566.67	
		.23	temp.
		566.44	
	mean =	566.46	

Sta. from	Sta. to			Corr. dist.	
#51	#14				
				100.00	
				100.00	
				100.00	
				100.00	
				100.00	
				31.58	
				531.58	
				.21	temp.
				531.37	
		Mean ~ 531.36			
#14	#51				
				31.78	
				100.00	
				100.00	
				100.00	
				100.00	
				99.79	
				531.57	
				.21	temp.
		MEAN 531.36		531.36	

temp 41° p.c.

116.70
Nelson
Jackson
Tillman

Sta. from	Sta. to	Corr. dist.	
#51	#50		
		68.00	
		100.00	
		100.00	
		100.00	
		100.00	
		98.71	
		566.71	
		.23	temp.
		566.48	
MEAN	566.46		
#50	#49		
		100.00	
		100.00	
		100.00	
		100.00	
		100.00	
		2.14	
		502.14	
		.20	temp.
		501.94	
MEAN	501.93		

temp. 11° p.c.

1-16-70
Nelson
Jackson
Tillman

Lost chain clamps in the snow.

41

Sta. from #49	Sta. To #48			Corr. dist.	
				100.00	
				100.00	
				100.00	
				100.00	
				17.96	
				417.96	
				.17	temp.
	MEAN 417.79			417.79	

temp. 11° F.C.

1-16-70
Nelson
Jackson
Tillman

Pages 42 through 78 are blank

STA Occupied	STA Sighted	1ST Angle	3rd Angle	Mean Angle
2	1	00-00		
	3	180-00	180-00	180-00

270
3
810
360
450
180
270

STA From	STA To	Slope dist.	Vert Angle	Corr dis
21				
22	280			2640 1870
23	410	690		770
24	510	1200		320 350
25	420	1620		2640 2370 350
26	250	1870		
27	420	2290		
28				
29	400'			
30	260	660		

5280
2640

IMPROVED TABLES AND INFORMATION

HORIZONTAL STADIA CORRECTIONS

2°—00′	0.1	21°—00′	12.8	33°—00′	29.7
3°—00′	0.3	21°—30′	13.4	33°—15′	30.1
4°—00′	0.5	22°—00′	14.0	33°—30′	30.5
5°—00′	0.8	22°—30′	14.7	33°—45′	30.9
6°—00′	1.1	23°—00′	15.3	34°—00′	31.3
7°—00′	1.5	23°—30′	15.9	34°—15′	31.7
8°—00′	1.9	24°—00′	16.5	34°—30′	32.1
9°—00′	2.5	24°—30′	17.2	34°—45′	32.5
10°—00′	3.0	25°—00′	17.9	35°—00′	32.9
10°—30′	3.3	25°—30′	18.6	35°—15′	33.3
11°—00′	3.6	26°—00′	19.2	35°—30′	33.7
11°—30′	4.0	26°—30′	19.9	35°—45′	34.1
12°—00′	4.3	27°—00′	20.6	36°—00′	34.6
12°—30′	4.7	27°—30′	21.3	36°—15′	35.0
13°—00′	5.1	28°—00′	22.0	36°—30′	35.4
13°—30′	5.5	28°—30′	22.8	36°—45′	35.8
14°—00′	5.9	29°—00′	23.5	37°—00′	36.2
14°—30′	6.3	29°—30′	24.3	37°—15′	36.6
15°—00′	6.7	30°—00′	25.0	37°—30′	37.1
15°—30′	7.2	30°—15′	25.4	37°—45′	37.5
16°—00′	7.6	30°—30′	25.8	38°—00′	37.9
16°—30′	8.1	30°—45′	26.2	38°—15′	38.3
17°—00′	8.5	31°—00′	26.5	38°—30′	38.7
17°—30′	9.0	31°—15′	26.9	38°—45′	39.1
18°—00′	9.5	31°—30′	27.3	39°—00′	39.6
18°—30′	10.1	31°—45′	27.7	39°—15′	40.0
19°—00′	10.6	32°—00′	28.1	39°—30′	40.5
19°—30′	11.2	32°—15′	28.5		
20°—00′	11.7	32°—30′	28.9		
20°—30′	12.3	32°—45′	29.3		

Chains to Feet	
1	66
2	132
3	198
4	264
5	330
6	396
7	462
8	528
9	594
10	660

Feet to Chains	
100	1.515
200	3.030
300	4.545
400	6.060
500	7.575
600	9.090
700	10.606
800	12.121
900	13.636
1,000	15.151