

Cupboard 28  
Shelf 2  
No. 82  
1 book

Book No. *211*, 187*5*.

# METEOROLOGICAL RECORDS.

Engineer Department, U. S. Army.

Geographical Surveys West of 100th Meridian.

Party No. *Reconnaissance Nevada* Section.

*and Arizona*

Camp at *San Francisco*, *Apr 22*, 187*1*.

To Camp at *Silver Canon* *Nov July 11*, 187*2*.

*St. Wheeler & Seakwood*, In charge of party.



1820	1820	2348	2348	I	II	III	Remarks						
A Diff	B Diff	A Diff	B Diff	Diff	Diff	Diff							
67.8	-0.1	68	-0.3	69	-1.3	68	-0.3	67.5	+0.2	67.4	+0.3	68.2	-0.5
69.	-	69.2	-0.2	69.8	-0.8	70.1	-0.1	68.9	+0.1	68.9	+0.1	68	+1.0
65.8	+0.2	66.	-	67.	-1.0	65.5	+0.5	65.2	+0.8	65.5	+0.5	66	-
61.2	-	61.2	-	62.2	-1.0	62.2	-1.0	61.8	-0.6	61.9	-0.7	62.1	-0.9
60.7	+0.2	61.8	-0.9	61.5	-0.6	61.3	-0.4	61.0	-0.1	61.0	-0.1	62.	-1.1
60.5	-0.3	60.6	+0.4	61.6	-1.4	61.8	-1.6	59.8	+0.4	59.9	+0.3	62.2	-2.0
65.2	-0.1	65.3	-0.2	66.5	-1.4	66.2	-1.1	64.1	+1.0	64.2	+0.9	64.7	+0.4
62.7	-	62.7	-	63.8	-1.1	63.7	-1.0	61.8	+0.9	62.	+0.7	62.8	-0.1
64.1	+0.2	64.4	-0.1	65.1	-0.8	65.1	-0.8	64.	+0.3	64	+0.3	64.8	-0.5
62.6	+0.3	62.6	+0.3	63.7	-0.8	63.5	-0.6	61.8	+1.1	61.2	+1.7	62.7	+1.2
63.1	+0.9	63.2	+0.8	64.6	-0.6	64.3	-0.3	62.5	+1.5	62.3	+1.7	63.	+1.0
61.8	+0.2	62.	-	63.	-1.0	63.	-1.0	61.2	+0.8	61.2	+0.8	62.	-
65.7	+0.3	65.9	+0.1	66.8	-0.8	66.7	-0.7	64.8	+1.2	64.7	+1.3	65.	+1.0
61.9	-0.3	62.	-0.4	63.	-1.4	63.	-1.4	61.	+0.6	61.7	-0.1	61.6	-
63.3	+0.5	63.5	+0.3	64.7	-0.9	64.5	-0.7	63.1	+0.7	63.1	+0.7	64.	-0.2
60.	+0.1	60.	+0.1	62	-1.9	61.9	-1.8	60.7	-0.6	60.7	-0.6	61.2	-1.1
65.4	-	65.5	-0.1	66.5	-1.3	66.4	-1.0	64.3	+1.2	64.6	+0.8	65.	+0.4
62.	-0.1	62.	-0.1	63.	-1.1	63.	-1.1	61.5	+0.4	61.5	+0.4	62.	-0.1
64	-0.4	64	-0.4	64.8	-1.2	65	-1.4	63.	+0.6	63.	+0.6	63.5	+0.1
58.2	+0.1	58.4	-0.1	59.7	-1.4	59.3	-1.0	58.5	-0.2	58.3	+0.0	59	-0.7
1266.0	+1.7	1268.3	-1.6	1288.3	-21.6	1284.5	+17.8	1256.5	+0.2	1257.1	+9.6	1269.8	-3.1
63.2	+0.9	63.4	-0.1	64.4	-1.0	64.2	-1.0	62.8	+0.5	62.8	+0.5	63.4	-0.1

No.	Date	Hours	Stand <sup>d</sup>		1800		1806		1808		1808		1811		1811		
			A	B	A	Diff	A	Diff	A	Diff	B	Diff	A	Diff	B	Diff	
1	31. Oct	3 P.M.	63.7	63.8	-.1	64.1	-.3	64.2	-.5	64.2	-.6	63.9	-.2	65.0	-1.3	64.3	-.6
2	1. Nov	9 A.M.	61.0	61.1	-.1	61.4	-.4	61.6	-.6	61.8	-.8	61.1	-.1	62.2	-1.2	61.6	-.6
3	"	3 P.M.	66.5	66.5	.0	66.8	-.3	66.8	-.3	67.0	-.5	66.8	-.3	67.6	-1.1	66.8	-.3
4	2.	9 A.M.	61.8	62.0	-.2	62.0	-.2	62.3	-.5	61.8	—	62.2	-.4	63.1	-1.3	62.7	-.3
5	"	3 P.M.	65.0	65.1	-.1	65.2	-.2	65.3	-.3	65.4	-.4	65.1	-.1	66.2	-1.2	65.3	-.3
6	3.	9 A.M.	61.9	62.1	-.2	62.1	-.2	62.2	-.3	62.3	-.4	62.0	-.1	63.0	-1.1	62.2	-.3
7	"	3 P.M.	60.9	61.0	-.1	61.2	-.3	61.2	-.3	61.2	-.3	61.0	-.1	61.7	-.2	62.4	-1.5
8	4.	9 A.M.	61.2	61.1	+.1	61.3	-.1	61.4	-.2	61.3	-.1	61.0	+.2	61.2	—	61.1	+.1
9	"	3 P.M.	65.0	65.2	-.2	65.8	-.8	65.4	-.4	65.4	-.4	65.0	—	66.0	-1.0	65.2	-.2
10	5.	9 A.M.	63.0	63.0	—	63.2	-.2	63.3	-.3	62.5	+.5	63.0	—	64.2	-1.2	65.2	-2.2
11	"	3 P.M.	64.4	64.3	+.1	64.5	-.1	64.9	-.5	64.8	-.4	64.0	+.4	65.0	-.6	64.6	-.2
12	6.	9 A.M.	62.3	62.3	—	63.0	-.7	62.7	-.4	62.6	-.3	62.3	—	63.4	-1.1	62.6	-.3
13	"	3 P.M.	66.0	66.2	-.2	66.5	-.5	66.5	-.5	66.4	-.4	66.0	—	67.0	-1.0	66.2	-.2
14	9.	9 A.M.	57.8	58.0	-.2	58.2	-.4	58.3	-.5	58.2	-.4	58.2	-.4	59.2	-1.4	58.8	-1.0
15	"	3 P.M.	62.0	62.1	-.1	62.3	-.3	62.4	-.4	62.5	-.5	61.8	+.2	63.0	-1.0	62.0	—
16	10.	9 A.M.	57.2	57.2	—	57.3	-.1	57.4	-.2	57.2	—	57.0	+.2	58.0	-.8	57.5	-.3
17	"	3 P.M.	63.7	63.8	-.1	64.1	-.4	64.1	-.4	64.2	-.5	63.8	-.1	65.0	-1.3	64.0	-.3
18	11.	9 A.M.	58.8	59.0	-.2	59.0	-.2	59.2	-.2	59.0	-.2	58.8	—	59.8	-1.0	59.0	-.2
19	"	3 P.M.	62.7	63.0	-.3	63.1	-.4	63.3	-.6	63.1	-.4	62.6	+.1	63.7	-1.0	63.0	-.3
20	12.	9 A.M.	58.3	58.4	-.1	58.7	-.4	58.9	-.6	59.0	-.7	58.4	-.1	59.6	-1.3	59.0	-.7

Mean . . . . . 62.7 62.3 2 62.5 3 62.4 3 62.5 3 62.2 2 63.2 -1.0 62.6 4

**Sums !** 12432 } 12462 } 20 } 12497 } 63 } 12512 } 8.0 } 12499 } -6.7 } 12439 } -7 } 12633 } -20 } 12529 } -9.7

**Means !** 62.1 } 62.2 } -1 } 62.4 } -3 } 62.5 } -4 } 62.4 } -3 } 62.1 } -0 } 63.1 } -1.0 } 62.6 } -1.5

1820 Diff 1820 Diff 2348 Diff 2348 Diff I diff II diff III diff  
 A B A B

63.8	-1	64.	-.3	64.9	-1.2	64.8	-1.1	63.0	+7	63.0	+7	63.5	+2
62.0	+1.0	61.1	-.1	62.0	-1.0	61.8	-.8	60.5	+5	60.8	+2	61.4	-.4
66.2	+3	66.4	+1	67.3	-.8	67.2	-.7	65.0	+1.5	65.3	+1.2	66.0	+5
62.0	-.2	62.0	-.2	63.0	-1.2	63.0	-1.2	62	-.2	61.6	+2	62.0	-.2
65.1	-.1	65.2	-.2	66.2	-1.2	66.1	-1.1	64.5	+5	64.5	+5	65.0	-
62.0	-.1	62.2	-.3	63.1	-1.2	63.0	-1.1	61.5	+4	61.5	+4	62.2	-.3
60.7	+2	61.8	-0.8	61.5	-.6	61.3	-.4	61.0	-.1	61.0	-.1	62.0	-1.1
61.2	-	61.2	-	62.2	-1.0	62.2	-1.0	61.8	-.6	61.9	-.7	62.1	-.9
64.8	+2	65.	-	66.3	-1.3	66.0	-1.0	64.0	+1.0	64.1	+1.9	64.5	+3
63.0	-	63.	-	64.4	-1.4	63.9	-.9	62.2	+8	62.2	+8	63.	-
64.2	+2	64.4	-	65.8	-1.4	65.2	-.8	63.6	+8	63.7	+1.8	64.	+4
62.3	-	62.3	-	63.7	-1.4	63.0	-.7	61.4	+9	61.5	+8	62.	+3
65.8	+2	66.	-	67.4	-1.4	66.8	-.8	65.	+1.0	65.2	+8	65.7	+3
58.0	-.2	58.2	-.4	59.6	-1.8	59.0	-1.2	57.5	+3	57.5	+3	58.	-.2
61.8	+2	61.8	+2	63.2	-1.2	62.7	-.7	61.2	+8	61.3	+7	62.	-
57.0	+2	57.	+2	58.5	-1.3	58.0	-.8	58.	+8	58.	-.8	59.0	-1.8
63.8	-.1	63.6	+1	65.0	-1.3	64.6	-.9	63.	+7	63.	+7	64.0	-.3
58.7	+1	58.8	-	60.2	-1.4	59.6	-.8	58.	+8	58.	+8	59.0	-.2
62.5	+2	62.6	+1	64.	-1.3	63.5	.8	61.5	+1.2	61.6	+1.1	62.	+7
58.2	+1	58.4	-.1	60.	-1.7	59.5	-1.2	58.1	+2	58.1	+2	59.	-.7
62.1	.1	62.3	.2	63.4	+1.3	63.1	.8	61.6	.6	61.7	.5	62.3	.1

1248.7 } +.1 | 1245.0 } -1.8 | 1268.3 } -2.5 | 1261.2 } -1.8 | 1232.8 } +10.4 | 1233.2 } +10.0 | 1246.4 } -8.2 }  
 62.1 } - | 62.2 } -1 | 63.4 } -1.3 | 63.2 } -1.0 | 61.6 } +0.5 | 61.6 } +.5 | 62.3 } -1.2 }

No.	Date	Hour	Standd. 1800 A	1805		1806		1806		1808		1808		1811		1811	
				B	diff	A	diff	B	diff	A	diff	B	diff	A	diff	B	diff
1	12. Nov.	3 p.m.	63.2	63.3	-1	63.6	-4	63.4	-1	63.6	-4	63.	+3	64.	-8	63.1	+2
2	13	9 am	59.6	59.8	-2	60.0	-4	60.1	-3	60.0	-4	59.6	+2	60.5	-9	59.9	+1
3		3	63.8	64.0	-2	64.3	-5	64.2	-2	64.2	-4	63.7	+3	64.9	-1.1	63.9	+1
4	14	9	67.2	67.3	-1	67.5	-3	67.7	-4	67.7	-5	67.2	+1	67.2	-1.0	67.5	+2
5	14	9 am	61.7	61.8	-1	62.0	-3	62.1	-3	62.3	-6	62.0	-2	63.0	-1.3	62.8	-5
6	14	3	68.4	68.5	-1	68.5	-1	68.7	-2	68.8	-4	68.8	+2	69.2	-8	68.2	+3
7	15	9	64.2	64.4	-2	64.6	-4	64.7	+3	65.1	-9	64.4	-	64.0	+2	64.2	+2
8		3	68.2	68.3	-1	68.6	-4	68.3	-	68.7	-5	68.0	+3	69.1	-9	68.	+3
9	16	9	63.0	63.0	-	63.2	-2	63.7	-1	63.3	-3	63.0	-	64.1	+1.1	63.4	-4
10		3	69.8	69.9	-1	70.0	-2	70.1	-2	70.1	-3	69.9	-	70.3	+1.0	70.0	-1
11	17	9	64.0	64.1	-1	64.3	-3	64.6	-5	64.6	-6	64.0	+1	65.1	+1.1	64.2	-1
12		3	69.8	69.8	-	70.0	-2	70.1	-3	70.0	-2	69.9	-1	71.0	+1.2	70.0	-2
13	18	9	63.0	63.2	-2	63.2	-2	63.7	-5	63.5	-5	63.7	+1	64.0	+1.0	63.7	-5
14		3	63.0	64.0	-1.0	64.3	-1.3	64.2	-2	64.4	-1.4	63.6	+4	64.8	+1.8	63.9	+1
15	20	9	66.2	66.4	-2	66.8	-6	66.8	-4	66.8	-6	66.2	+2	67.3	-1.1	66.7	-3
16		3	71.2	71.2	-	71.3	-1	71.4	-2	71.8	-6	71.2	-	72.1	-9	71.2	-
17	21	9	64.8	65.0	-2	65.1	-3	65.1	-1	65.2	-4	65	-	66	+1.2	65.3	-3
18		3	67.9	68.0	-1	68.1	-2	68.2	-2	68.1	-2	68.	-	68.8	-9	68.2	-2
19	22	9 a.m.	64.0	64.0	-	64.2	-2	64.4	-4	64.6	-6	64.1	-	65.2	+1.2	64.6	-6

1237.0 1240.0 30. 1243.6 65 1244.3 +3 1246.8 98. 1238.1 +22 1256.1 +2 1242.3 +12  
 61.8 62.0 -1 62.2 -3 62.2 -2 62.3 -5 619 +1 62.8 -9 62.1 -2

1820	1820	2348	2348	I	II	III
A diff	B diff	A diff	B diff	I diff	II diff	III diff
63. - +.2	63. - +.3	64.6 -1.4	64. - -.7	62.2 +1.0	62.2 +1.0	63.0 +.2
59.5 +.1	59.6 +.2	67.0 -1.4	60.4 -.6	59.4 +.2	59.3 +.3	60.0 -.4
63.7 +.1	63.6 +.4	65. - -1.2	64.6 -.6	63.1 +.7	63.2 +.6	64. - -.2
67.3 -.1	67.2 +.1	62.8 -1.6	62.2 -.9	67. - +.2	67. +.2	67.5 -.3
62. - -.3	62.7 -3	63.6 -1.9	63. - -1.2	61.2 +.5	61.2 +.5	61.8. -1
68. - +4	68.2 +.3	69.6 -1.2	69. - -.5	67.7 +1.3	67.4 +1.0	68.6 -2
65.4 +.2	65. - -.6	63.4 +.8	63.3 +1.1	63.6 +.6	63.5 +.7	64.2 -
67.8 +.4	68.0 +.3	69.6 -1.4	69. - -.7	67.3 +.9	67.5 +.7	68.5 -3
63.1 -1	63.2 -.2	64.8 -1.8	64.7 -1.1	62.6 +.4	62.6 +.4	63.7 -.7
69.4 +4	70. - -1	71. - -1.2	70.6 -.7	68.6 +1.2	68.8 +1.0	69.9 -1
64.0 -	64.2 -.1	65.5 -1.5	65.0 -.9	64.8 -.8	64.8 -.8	65.0 -1.0
70.0 -.2	70.1 -.3	71.1 -1.3	70.8 -1.0	68.5 +1.3	68.5 +1.3	69.3 -
63.0 -	63.6 -.4	64.6 -1.6	64.2 -1.0	63.3 -.3	63.2 -.2	64.0 -1.0
63.7 -.7	63.6 +.4	65.2 -.2	64.6 -.6	63.1 -.1	63.2 -.2	64.0 -1.0
66.4 -.2	66.7 -.3	66.8 -.6	64.6 +1.8	65.8 +1.4	65.2 +1.0	66.2 -
71.0 +.2	71.3 -.1	72.5 -1.3	72.7 -.9	70.0 +1.2	70.2 +1.0	71.2. -
65 -2	65.1 -.1	66.4 -1.6	66. -1.0	64.2 +.6	64.3 +.5	65 -2
68 -1	68.1 -1	68. -1.0	68.7 -.7	67.6 +.3	67.8 +.1	68. -1
64.1 -.1	64.2 -.2	65.5 -1.5	65.0 -1.0	63.8 +.2	63.8 +.2	64.5 -5

+18	+20	+8	+29	+10	+105	+2
1238.4 -32	1240.8 -28	1261.9 -257	1251.2 -141	1227.2 -12	1227.7 -12	1242.9 -61
619 +1	6210 +1	63.1 -13	625 +1	61.3 +5	61.3 +5	62.1 -3





1820	1820	2348	2348	I	II	III
A diff	B diff	A diff	B diff	I diff	II diff	III diff
56.-	56.1	57.8	57.2	55.7	55.5	56.3
57.3	57.7	59.-	58.7	57.8	57.8	58.8
59.3	59.3	60.7	60.1	59.-	59.-	60.-





Errors of Barometers and attached Thermometers  
 used in 1871. Explorations in Nevada & Arizona

No of Barom	attached Therm	No of B	attached Therm	No of B	attached Therm	No of B	attached Therm	No of B	attached Therm	Remarks
1735	↑	1376	↑	1767	↑	1768	↑	1769	↑	
Correction to be applied		+0.004		+0.004		-0.02	+0.033	-0.02	+0.028	-0.02

Errors of Barometers  
 due to errors of attached  
 Thermometers

✓  
Comparison of Thermometers

on

Reconnoissance through Nevada and Arizona

Commenced

April 22<sup>nd</sup> 1871.

# Sawhausen, Cal

No	Date	Hour	1800		1808		1808 Diff		1801		1801 Diff		1800
			A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	
1	22	11 a.m	63.1	63.5	64.5	64.5	64.1	64.0					
2	"	2 p.m	68.5	68.5	69.0	68.8	69.3	68.4					
3	"	9 p.m	68.4	68.5	68.8	68.9	69.0	68.4					
4	23	4 a.m	67.1	67.3	67.5	67.0	67.9	66.9					
5	"	2 p.m	74.2	73.9	74.7	74.0	74.2	74.0					
6	"	9 p.m	69.6	69.7	70.0	69.7	70.1	69.2					
7	24	4 a.m	66.9	67.0	67.8	67.6	68.1	67.4					
8	"	2 p.m	75.1	75.0	75.9	75.2	76.3	75.4					
9	"	9 p.m	71.5	71.9	71.8	71.5	72.3	71.4					
10	25	4 a.m	67.0	67.7	72.3	73.4	70.1	68.1					
11	"	2 p.m	69.9	70.0	70.3	70.1	70.8	70.2					
12	"	9 p.m	67.4	68.0	68.8	68.2	69.0	68.1					
13	26	4 a.m	63.0	62.9	63.2	62.8	63.6	63.0					
14	"	2 p.m	67.2	68.0	68.3	68.0	68.9	68.1					
15	"	9 p.m	63.4	63.4	64.4	63.8	64.0	63.6					
16	27	4 a.m	60.5	60.5	61.0	60.7	61.2	60.8					
17	"	2 p.m	66.0	66.0	66.4	66.1	67.0	66.3					
18	"	9 p.m	61.4	61.5	61.9	61.7	62.0	61.6					
19	28	4 a.m	61.9	62.0	62.0	61.7	61.9	61.3					
20	"	2 p.m	67.0	67.0	67.7	67.5	68.3	67.7					

1820 diff "A"	1820 diff "B"	2348 diff "A"	2348 diff "B"	I	II	III
62.6	62.4	63.8	63.4			
68.0	68.1	69.6	69.0	68.5	68.6	69.1
69.0	68.6	69.4	69.1	68.0	68.2	68.5
66.1	66.2	67.7	67.2	66.0	66.2	66.9
73.9	74.0	75.4	75.1	73.7	74.1	75.0
69.1	69.0	70.2	70.0	69.0	69.3	70.1
66.9	67.0	68.0	67.7	66.7	66.8	67.2
75.0	75.3	76.7	76.2	75.0	75.4	76.0
71.0	71.2	72.4	72.0	71.0	71.6	72.4
66.9	67.1	68.1	67.7	66.8	66.7	67.0
69.9	70.0	71.3	71.0	70.1	70.6	71.0
68.0	68.0	69.3	69.0	68.0	68.0	69.1
62.7	62.7	64.0	63.6	62.5	62.5	63.0
67.5	67.9	69.0	68.6	68.0	68.0	68.8
63.0	63.0	64.5	64.0	63.8	63.8	64.5
60.4	60.4	61.9	61.4	60.0	60.0	60.9
65.9	66.0	66.4	67.0	66.1	66.0	66.8
61.0	61.2	62.7	62.0	62.0	62.0	62.8
60.5	60.5	61.8	61.3	60.0	60.0	60.8
67.1	67.2			67.7	67.7	68.2

# San Francisco, Cal., 7

No	Date	Time	1800 A	1800 B	Diff	1806 A	Diff	1806 "B"	Diff	1808 A	Diff	1808 "B"	Diff	1811 A	Diff	1811 "B"	Diff
21	Apr 29	9 PM	63.8	64.0						64.2		64.0		65.0		64.0	
22	" 29	7 AM	60.6	60.9						61.3		61.0		61.5		60.8	
23	" 29	2 PM	66.1	66.2						66.7		66.5		67.0		66.5	
24	" 29	9 PM	63.7	63.8						64.0		63.9		64.7		64.9	
25	" 30	7 AM	65.0	65.1						64.9		64.7		65.0		64.8	
26	" 30	2 PM	64.0	64.2						64.8		64.7		65.5		65.1	
27	" 30	9 PM	64.5	64.5						64.7		64.4		65.0		64.6	
			48.7	48.8						49.1		49.0		49.8		49.2	
			61.0	61.0						61.9		61.7		61.9		62.0	
			50.2	50.3						57.0		57.0		52.0		57.0	
			46.7	46.6						47.0		46.7		47.9		47.0	
			69.2	69.3						70.0		69.8		70.8		69.6	
			60.0	60.1						60.7		60.8		61.0		60.5	
			51.3	51.2						57.5		57.3		52.0		51.5	
			74.0	74.0						74.2		73.9		74.8		74.0	
			55.0	55.2						55.2		55.2		55.8		55.6	
			41.0	41.0						40.5		40.7		41.0		40.6	
			60.5	60.4						61.0		60.8		62.0		61.4	
			49.9	50.0						50.2		50.0		50.6		49.9	
			42.1	42.3						42.0		41.8		41.9		41.5	



# Halleck Station Nevada

1820 "A."	Diff 1820 "B."	Diff 2348 "A."	Diff 2348 "B."	Diff II	Diff III	Diff IIII
63.7	63.8			63.9	63.8	64.5
60.0	64.0			60.0	59.9	60.3
66.0	66.1			66.5	66.6	67.0
63.3	63.3			63.4	63.6	64.1
65.2	65.2			64.0	64.0	64.8
64.7	65.0			65.0	65.0	65.7
63.9	64.0			64.0	64.0	65.0
48.9	48.9	50.5	50.1	49.4	49.5	50.2
61.9	62.0	63.8	63.7	62.8	62.0	63.0
54.6	51.7	52.5	52.1	51.0	50.6	51.0
46.4	46.3	45.1	47.0	46.0	45.0	45.0
69.1	69.3	71.0	70.6	69.4	70.0	70.9
59.2	59.2	60.8	60.5	59.8	59.5	60.0
51.0	57.0	52.5	52.0	51.0	51.0	51.5
73.3	73.1	75.0	74.7	73.5	74.0	75.0
55.1	55.6	57.0	57.0	56.0	56.3	57.0
40.0	40.0	41.5	41.2	40.1	39.9	39.6
60.8	60.8	62.2	62.0	60.6	61.0	61.0
49.0	49.0	50.8	50.2	49.3	48.9	49.0
41.0	41.0	41.8	41.6	40.9	40.6	40.6

14.5

Halleck Station Nev.

1800	1800		a		1806	Diff	1808	Diff	1805	Diff	1811	Diff	1811
a	B	Diff	1806	Diff	"B"		"A"		"B"		"A"		"B"
63.4	63.7						64.9		64.2		65.1		64.4
48.5	48.6						49.0		48.9		48.5		49.0
42.3	42.3						43.0		42.0		44.0		43.5
72.5	72.5						73.0		72.7		73.7		73.1
53.6	53.0						53.2		53.0		53.8		53.1
41.2	41.2						41.9		41.2		42.5		42.0
76.5	76.8						77.0		76.7		77.5		76.8
64.5	63.7						64.2		63.9		64.9		64.0
55.5	55.4						56.0		55.7		56.8		56.0
72.7	72.8						73.0		72.7		73.2		72.7
58.6	58.7						59.0		58.9		59.5		59.0

1820	Diff	1820	Diff	2348	Diff	2348	Diff	II	III	III	Diff	Diff	Diff
"A"		"B"		"A"		"B"							
63.7		64.0		65.0		65.2		64.2		65.0		66.0	
48.5		48.8		50.0		49.8		49.0		49.0		49.3	
42.7		42.5		44.0		43.2		42.1		41.9		41.9	
72.2		72.3		74.0		73.7		73.0		73.5		74.0	
53.0		53.2		54.0		54.4		53.0		53.0		53.5	
41.0		41.3		43.0		42.5		41.5		41.0		41.0	
75.6		76.4		77.2		77.0		76.5		77.3		79.0	
64.0		64.1		65.5		65.2		63.8		63.3		64.0	
55.5		55.5		57.0		56.7		55.5		55.5		55.7	
71.9		72.3		73.5		73.1		72.3		72.8		73.0	
58.1		58.5		59.8		59.5		58.2		58.0		58.0	

1800	1800	a	1806	Diff	1808	Diff	1808	Diff	1811	Diff	1811	Diff
a	B	Diff	1806	Diff	"B"	"A"	"B"	"A"	"A"	"B"	"B"	Diff



1800

1800

a

1806

Diff

1808

Diff

1808

Diff

1811

Diff

1811

a

B

Diff

1806

Diff

"B"

"A"

"B"

"A"

B

Diff

1820 Diff  
"A"

1820 Diff  
"B"

2348 Diff  
"A"

2348 Diff  
"B"

II

Diff

III

Diff

IIII

Diff

1800 1800

"A."

"B."

diff

a

1800

7.44

"B."

1806

diff

1808

"A."

diff

1808

"B."

diff

1811

"A."

diff

1811

"B."

D.H.



1820	Diff	1820	Diff	2348	Diff	2348	Diff	II	II	IIII
"A"		"B"		"A"		"B"		Diff	Diff	Diff



1820 Diff	1820 Diff	2348 Diff	2348 Diff	II	II	IIII
"A"	"B"	"A"	"B"	Diff	Diff	Diff

No	date	1800	1800	a	1804	1808	1808	1811	1811
	Hour	A	B	Diff	"A" Diff	"A" Diff	"B" Diff	"A" Diff	"B" Diff
163	July 1	4 am	43. -	40. -					
164	" "	5 " "	43.2	40.7					
165	" "	6 " "	43.2	40.3					
166	" "	7 " "	58.2	50. -					
167	" "	8 " "	73.4	53.3					
168	" "	9 " "	75.1	54.7					
169	" "	10 " "							
170	" "	11 " "	77.8	56.7					
171	" "	12 M	78.8	67.9					
172	" "	1 P. M	82. -	69.7					
173	" "	2 " "	87. -	67.8		84.2	65.8	84.7	66.2
174	" "	3 " "	81. -	73.2					
175	" "	4 " "	76.6	68.3					
176	" "	5 " "	72. -	61. -					
177	" "	6 " "	73. -	59					
178	" "	7 " "	68. -	57.4					

1820	Diff	1820	Diff	2348	Diff	2348	Diff	II	III	IIII
"A"		"B"		"A"		"B"		D.H	D.H	D.H
83.1		62.7		82.8		70.3				

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No	date	1800	1800	'a'	1806 diff	1808 diff	1808 diff	1811 diff	1811 diff
1871		a	B	Diff	"B"	"A"	"B"	"A"	"B" p. H
179	July 18 PM	65.8	56.4						
180	" " 9 AM	61. -	54. -			63. -	51. -	61.9	57. 2
181	" " 10 AM	54. -	47.9						
182	" " 11 "	50.9	44.8						
183	" " 12 "	49. 8	45.3						
184	July 1 AM	49. -	44.9						
185	" " 2 "	47. 7	44.5						
186	" " 3 "	48. 3	45.0						
187	" " 4 "	49. 3	45.2						
188	" " 5 "	50. 5	45.2						
189	" " 6 "	57. -	51.4						
190	" " 7 "	67.8	59.2			71.0	59.9	66.1	56.8
191	" " 8 "	68.4	59.8						
192	" " 9 "	69. -	60.7						
193	" " 10 "	71.4	62.1						
194	" " 11 "	73.8	64.3						
195	" " 12 M	77.4	66.4						
196	" " 1 PM								
197	" " 2 "	80.1	66.8			49.2	68	82.7	68.9
198	" " 3 "	70.5	65. -						

1820 "A"	Diff	1820 "B"	Diff	2348 "A"	Diff	2348 "B"	Diff	II	III	IV	Diff	Diff	Diff
59.7		52.6		59.		54							
65.-		56.-		66.-		59.7							
82.		69.5		79.3		68.7							







# Silver Cañon Nevada

No.	Date	Hour	1800		a		1806		Diff	1808		Diff	1811		Diff	1811	
			a	B	Diff	1806	Diff	B		"A"	"B"		"A"	B		Diff	B
1	July 14	7 am								75.7	63						
2	" "	2 Pm								84.1	70.4						
3	" "	9 am								73.8	57.2						
4	" "	12 7 am								77.1	63.8						
20'	" "	11 12.30 <sup>Pm</sup>												73.5		50.7	
20'	" "	11 1.30												75.5		52.1	
5	" "	12 2 Pm								85.4	66.9						

1820	Diff	1820	Diff	2348	Diff	2348	Diff	II	III	IIII			
"A"		"B"		"A"		"B"		Diff	Diff	Diff			

"obserratum  
 taken on summit  
 July 11"  
 P



near Belmont Nevada

1820 Diff "A"	1820 Diff "B"	2348 Diff "A"	2348 Diff "B"	II	III	IIII
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68.-	60.7	69.1	61.5			
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52.6	47.2	52.4	47.3			
------	------	------	------	--	--	--



1820

1820

2348

2348

"A" diff "B" diff "A" diff "B" diff I diff II diff III diff

53.2

51.1

53.8

50.6

62.2

53.4

63.9

54.7

Year	Date	Hour	1800	1800	1806	1806	1808	1808	1811	1811
			"A"	"B" diff	"A"	"B" diff	"A"	"B" diff	"A"	"B" diff
1871	June 26	1 am	34.0	32.1						
	"	" 2 "	36.0	33.8						
	"	" 3 "	30.1	29.9						
	"	" 4 "	29.8	29.5						
	"	" 5 "	30.4	29.2						
	"	" 6 "	31.0	47.4						
	"	" 7 "	65.8	60						
	"	" 8 "	57.5	62.7						
	"	" 9 "	61.8	58.9						
	"	" 10 "	62.0	58.1						
	"	" "	62.9	51.4						
	"	" "	64.0	52.0						
	"	1 PM	67.7	84.6			65.6	51.2	65.6	51.2
	"	" 2 "	64.2	52.6						
	"	" 3 "	65.8	59.4						
	"	" 4 "	64.4	60.6						
	"	" 5 "	65.0	62.5						
	"	" 6 "	63.5	60.2						
	"	" 7 "	52.9	50.0						
	"	" 8 "	48.5	47.0						



1820

1820

2348

2348

"A" Diff B Diff "A." diff "B." diff I diff II diff III Diff

59.2

54.

62.4

54.6

No	Date	Hour	1800	1800 <sup>18</sup>	1804	1804	1808	1808	1811	1811
			"A."	"B."	Diff "A."	Diff "B."	"A."	Diff "B."	"A."	Diff "B."
60	June 24	9 AM	46.	41.7			47.1		41.	48.5
61	"	10	44.6	41.8						
62	"	11	42.	40						
63	"	12	41	37.8						
64	27 July	1 AM	41.3	38.8						
65	"	2	39.2	38.5						
66	"	3	38.0	37.5						
67	"	4	39.	37.8						
68	"	5	39.	37.9						
69	"	6	45.3	41.8						
70	"	7	63.8	57.8			63.8		56.	62.8
71	"	8	64.4	58						
72	"	9	61.6	57.4						
73	"	10	77.3	68.8						
74	"	11	73.2	62.8						
75	"	12 M	44.3	64.4						
76	"	1 PM	69.1	63.						
77	"	2	72.7	65.5			75.-		63.-	76.-
78	"	3	70.-	63.-						
79	"	4	68.8	61.6						

1820	1820	2348	2348						
"A" diff	"B" diff	"A" diff	"B" diff	I diff	# diff	# diff	# diff	# diff	# diff
43.8	41.8	47.8	48.1						

60.	56.	60.	55.2						
-----	-----	-----	------	--	--	--	--	--	--

72.-	66.1	72.8	66.-						
------	------	------	------	--	--	--	--	--	--

No	Date	Hour	1800	1800	1806	1806	1808	1808	1811	1811	
			"A"	"B"	Diff "A"	Diff "B"	Diff "A"	Diff "B"	Diff "A"	Diff "B"	Diff
80	June 7	5 PM	68.	63.8							
81	" "	6 "	65.2	62.6							
82	" "	7 "	59.0	54.4							
83	" "	8 "	56.5	49.7	5						
84	" "	9 "	56.0	53.2	56.2	56.0			54.9	53.6	
85	" "	10 "	52.8	46.8							
86	" "	11 "	49.-	46.2)							
87	" "	12 "	44.5	41.6							
88	June 8	1 AM	43.6	40.9							
89	" "	2 "	42.2	39.4							
90	" "	3 "	44.8	42.							
91	" "	4 "	42.7	39.4							
92	" "	5 "	40.	37.6							
93	" "	6 "	51.7	48.2							
94	" "	7 "	62.8	60.3			69.-	58.-	67.-	58.-	
95	" "	8 "	69.-	60.6							
96	" "	9 "	71.7	63.2)							
97	" "	10 "	74.	65.							
98	" "	11 "	74.	62.							
99	" "	12 M	78.	66.6							

1820

1820

2348

2348

"A"

diff

"B"

diff

"A"

diff

"B"

diff

I

diff

#

diff

##

diff

52.3

50.9

53.8

65.2

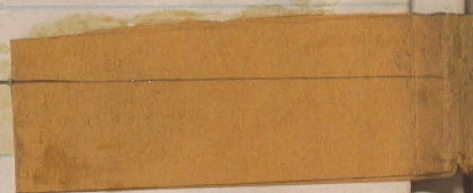
59.-

66.5

61.6



	1020	2348		2348
diff	B	a	diff	B
	68	76.8		67.
51.		56.		51.4
59.8		71.6		59.2



No.	Date	Hour	1900		diff	1808		1811		1811		1820	
			A	B		A	diff B	diff A	diff B	A	diff	A	diff
	1871												
124	June 29	1 P.M.	73.6	62.2									
125	"	2 "	85.4	69.1	84.		68.		85.8		71.7		82.
126	"	3 "	88.4	70.4									
127	"	4 "	78.9	69.									
128	"	5 "	82.5	65.									
129	"	6 "	76.8	64.2									
130	"	7 "	69.4	61.8									
131	"	8 "	56.5	51.8									
132	"	9 "	59.9	52.-	60.1		57.6		61.1		50.4		60.4
133	"	10 "	53.8	49.6									
134	"	11 "	52.	49.4									
<del>135</del>	"	"											
135	"	12 m	52.9	48.8									
136	June 30	1 AM	53.5	39.8									
137	"	2 AM	44.5	42.2									
138	"	3 "	43.0	40.0									
139	"	4 "	42.2	40.3									
140	"	5 "	43.8	40.7									
141	"	6 "	60.-	53.2									
142	"	7 "	71.5	60.1	68.9		58.4		70.3		60.8		71.8
143	"	8 "	78.7	69.5									
144	"	"											
145	"	"											
146	"	"											
147	"	"											
148	"	1 P.M.											
149	"	"	88.4	71.3	56.-		57.5						







diff

2348

2348

A diff

B diff

Remarks

85.1

73.4

55.4

52.6

Continued on page 74.

No	Date	Hour	Stand.?	Mercurial	No. 50		No. 57		No. 58		No. 22		No. 37	
			No 1735 32° F.		Aneroid	Diff.	Aneroid	Diff.	Aneroid	Diff.	Aneroid	Diff.	Aneroid	Diff.
1	1 Nov.	9 a.m.	29.962	61.2	30.025	-063	30.102	-140	29.990	-028	30.042	-080	29.995	-033
2	"	3 p.m.	29.910	66.1	29.990	-080	30.060	-150	29.925	-015	29.990	-080	29.970	-060
3	2	9 a.m.	30.047	61.5	30.075	-028	30.175	-128	30.055	-008	30.120	-073	30.075	-028
4	"	3 p.m.	29.993	65.3	30.045	-052	30.145	-152	30.025	-032	30.075	-082	30.045	-052
5	3	9 a.m.	30.076	61.8	30.110	-034	30.225	-149	30.090	-014	30.170	-094	30.120	-044
6	"	3 p.m.	29.694	62.0	29.754	-060	29.854	-100	29.720	-026	29.792	-098	29.746	-052
7	4	9 a.m.	30.064	64.0	30.155	-091	30.125		30.102		30.225		30.102	
8	"	3 p.m.	29.701	62.4	30.110		30.070		30.075		30.175		30.045	
9	5	9 a.m.	30.019		30.060		30.140		30.025		30.090		30.163	
10	"	3 p.m.	30.029		30.050		30.150		30.040		30.095		30.068	
11	6	9 a.m.	30.021		30.060		30.130		30.030		30.090		30.163	
12	"	3 p.m.	30.024		30.060		30.145		30.050		30.095			
13	9	9 a.m.	30.150		30.190		30.290		30.160		30.230		30.170	
14	"	3 p.m.	30.067		115		225		080		142		110	
			29.981		055		140		025		065		018	
			29.937		010		110		980		030		990	
					190		275		098		195		150	
					145		380		055		160		130	
					175		260		075		195		155	
					095		190		995		118		085	
					098		175		995		105		060	

N <sup>o</sup>	Date	Hour	Stand: N <sup>o</sup> 1755 32.F	N <sup>o</sup> 0.		N <sup>o</sup> 22.		N <sup>o</sup> 37.		N <sup>o</sup> 49.		N <sup>o</sup> 57.	
				Reading	Diff:	Reading	Diff:	Reading	Diff:	Reading	Diff:	Reading	Diff:
1	11 Nov.	9 a.m.		30.190		30.195		30.150		30.098		30.275	
2	"	3 p.m.		30.145		30.160		30.130		30.055		30.240	
3	12	9 a.m.		30.175		30.195		30.155		30.075		30.260	
4	"	3 p.m.		30.095		30.118		30.085		29.995		30.190	
5	12	9 a.m.		30.098		30.105		30.060		29.995		30.175	
6	"	3 p.m.		30.020		29.998		30.030		29.915		30.115	
7	13	9 a.m.		30.075		30.042		30.085		29.960		30.125	
8	"	3 p.m.		075		055		105		990		160	
9	14	9 a.m.		30.075		30.055		30.055		29.990		30.160	
10	"	3 p.m.		30.008		30.008		30.042		29.925		30.120	
11		9 a.m.		30.090		30.070		30.125		29.995		30.130	
12		3 p.m.		30.025		30.025		30.055		29.925		30.120	
13		9 a.m.		30.080		30.055		30.105		29.975		30.160	
14		3 p.m.		29.990		30.008		30.007		29.905		30.080	
15		9 a.m.		30.145		30.145		30.195		30.075		30.225	
16		3 p.m.		30.080		30.118		30.145		30.020		30.195	
17		9 a.m.		30.245		30.270		30.315		30.190		30.360	
18		3 p.m.		30.145		30.160		30.130		30.055		30.240	
19		9 a.m.		175		208		225		125		305	
20		3 p.m.		080		128		142		025		215	
				205		225		265		155		315	
		9 a.m.		115		122		150		025		215	

# San Francisco Cal ✓

No	Date	Hour	0	49	54	22	37
			Ready Diff	Reading Diff	Reading Diff	Reading Diff	Reading Diff
1			30.325	30.150	30.025	30.200	30.109
2	22 <sup>nd</sup> Apr	7 A.M.	29.990	29.850	30.025	29.948	29.938
3	"	" 2 P.M.	29.850	29.840	29.950	29.920	29.900
4	"	" 9 P.M.	29.830	29.750	29.855	29.865	29.865
5	28 <sup>th</sup>	" 7 A.M.	29.950	29.865	30.000	29.960	29.955
6	"	" 2 P.M.	29.880	29.790	29.950	29.885	29.890
7	"	" 9 P.M.	29.845	29.730	29.920	29.850	29.845
8	24 <sup>th</sup>	" 7 A.M.	29.910	29.800	29.950	29.900	29.875
9	"	" 2 P.M.	29.920	29.825	29.975	29.920	29.945
10	"	" 9 P.M.	29.960	29.900	30.030	29.990	29.985
11	25 <sup>th</sup>	" 7 A.M.	30.075	29.960	30.040	30.080	30.075
12	"	" 2 P.M.	30.080	30.000	30.075	30.020	30.025
13	"	" 9 P.M.	30.095	30.005	30.095	30.118	30.122
14	26 <sup>th</sup>	" 7 A.M.	30.110	30.000	30.150	30.120	30.050
15	"	" 2 P.M.	30.075	29.995	30.148	30.090	30.095
16	"	" 9 P.M.	30.075	29.960	30.140	30.090	30.060
17	27 <sup>th</sup>	" 7 A.M.	30.100	29.975	30.130	30.070	30.050
18	"	" 2 P.M.	30.045	29.920	30.095	30.035	30.025
19	"	" 9 P.M.	30.060	29.945	30.105	30.050	30.045
20	28 <sup>th</sup>	" 7 A.M.	30.115	30.035	30.160	30.095	30.075
21	"	" 2 P.M.	30.085	30.000	30.150	30.095	30.070 <del>30.070</del>

No	Date	Hour	0	109	49	527	22	37
Date	1871		Ready Diff	Ready Diff	Ready Diff	Ready Diff	Ready Diff	Ready Diff
21	Apr 28	9 P.M.	30.045	29.915	30.100	30.035	30.025	
22	" 29	7 A.M.	30.040	29.910	30.050	30.005	29.900	
23	" "	2 P.M.	29.965	29.850	30.015	29.955	29.960	
24	" "	9 P.M.	29.965	29.845	29.925	29.960	29.945	
25	" 30	7 A.M.	30.045	29.950	30.100	30.035	30.015	
26	" "	2 P.M.	30.045	29.920	30.105	30.040	30.035	
27	" "	9 P.M.	30.040	29.900	30.090	30.020	30.005	

Halleck Station New

24.470	24.520	24.610	24.630	24.625
24.330	24.555	24.650	24.650	24.645
24.445	24.600	24.710	24.700	24.720
24.600	24.710	24.850	24.745	24.795
24.380	24.600	24.740	24.760	24.725
24.495	24.590	24.600	24.715	24.700
24.445	24.600	24.730	24.680	24.700
24.100	24.400	24.490	24.570	
	24.500	24.600	24.620	
	24.600	24.775	24.690	
	24.575	24.660	24.660	
	24.530	24.660	24.635	

# Hall's Station Nevada

No	Date	Hour	Ready	Diff	49		57		Ready	Diff	Ready	Diff	Ready	Diff
					Ready	Diff	Ready	Diff						
					24.600		24.752			24.700				
					24.640		24.675			24.685		24.610		
					24.590		24.740			24.720		24.665		
					24.675		24.855			24.785		24.750		
					24.600		24.745					24.695		
					24.600		24.790					24.710		
					24.655		24.840					24.750		
					24.550		24.700					24.635		
					24.545		24.675					24.630		
					24.550		24.700					24.640		
					24.440		24.535			24.535		24.480		
					24.490		24.570			24.580		24.510		





Hourly observations taken at camp near Belmont New

		9.2							
No	Date Hour P	Readg	Diff	Readg	Diff	Readg	Diff	Readg	Diff
	24 June 10 am	22,315		Recor					
"	" 11 " "	22,315		"					
"	" 12 M	22,300		"					
"	" 1 P.M.	22,260		"					
"	" 2 " "	22,320		"					
"	" 3 " "	22,280		"					
"	" 4 " "	22,260		"					
"	" 5 " "	22,280		"					
"	" 6 " "	22,285		"					
"	" 7 " "	22,370		"					
"	" 8 " "	22,300		"					
"	" 9 " "	22,285		"					

Survival

No.	Date	Hour	22		22		Notes	
			Readg	Diff	Readg	Diff		
21	25 June	6 AM	22.330		40	June 26 1 AM	22.445	Keck
22	"	7 "	22.370		41	" " 2 "	22.445	"
23	"	8 "	22.390		42	" " 3 "	22.440	"
24	"	9 "	22.400		43	" " 4 "	22.447	Brown
25	"	10 "	22.380		44	" " 5 "	22.456	"
26	"	11 "	22.430		45	" " 6 "	22.510	"
27	"	12 "	22.450		46	" " 7 "	22.504	"
28	"	1 PM	22.440		47	" " 8 "	22.580	"
29	"	2 PM	22.410		48	" " 9 "	22.580	"
30	"	3 PM	22.450		49	" " 10 "	22.555	Keck
31	"	4 "	22.450		50	" " 11 "	22.550	"
32	"	5 "	22.440		51	" " 12 "	22.550	"
33	"	6 "	22.460		52	" " 1 PM	22.564	Brown
34	"	7 "	22.450		53	" " 2 "	22.586	"
35	"	8 "	22.430		54	" " 3 "	22.544	"
36	"	9 "	22.450		55	" " 4 "	22.515	"
37	"	10	22.440		56	" " 5 "	22.590	Keck
38	"	11	22.440		57	" " 6 "	22.520	"
39	"	12	22.450		58	" " 7 "	22.580	"
					59	" " 8 "	22.590	66 2 am 22.590
					60	" " 9 "	22.575	"
					61	" " 10 "	22.567	Brown
					62	" " 11 "	22.540	"
					63	" " 12 "	22.540	"
					64	" " 1 "	22.575	Keck
					65	" " 2 "	22.600	"

# Hourly observations at Camp near Belvidere

No	Date	Hour	No 22		No	Date	Hour	No 22	
	1871		Ready	diff		1871		Ready	diff
58	June 26	7	22.580		78	June 27	3 P.M.	22.620	
59	" "	8	22.590		79	" "	4 " "	22.630	
60	" "	9	22.575		80	" "	5 " "	22.612	
61	" "	10	22.567		81	" "	6 " "	22.590	
62	" "	11	22.540		82	" "	7 " "	22.590	
63	" "	12	22.520		83	" "	8 " "	22.585	
64	June 27	1 P.M.	22.575		84	" "	9 " "	22.580	
65	" "	2	22.600		85	" "	10 " "	22.570	
66	" "	3	22.500		86	" "	11 " "	22.540	
67	" "	4	22.580		87	" "	12 " "	22.540	
68	" "	5	22.560		88	June 28	1 A.M.	22.557	
69	" "	6	22.585		89	" "	2 " "	22.553	
70	" "	7	22.650		90	" "	3 " "	22.570	
71	" "	8	22.660		91	" "	4 " "	22.560	
72	" "	9	22.660		92	" "	5 " "	22.590	
73	" "	10	22.640		93	" "	6 " "	22.590	
74	" "	11	22.630		94	" "	7 " "	22.590	21.330
75	" "	12	22.635		95	" "	8 " "	22.600	
76	" "	1 P.M.	22.625	am. 49	96	" "	9 " "	22.605	
77	" "	2 P.M.	22.605	21.375	97	" "	10 " "	22.600	

Aueroid

98	June 28	11 AM	22.600	Brown
99	"	12 MB	22.594	"
100	"	10 MB	22.594	"
101	"	2 " "	22.587	"
102	"	3 " "	22.550	"
103	"	4 " "	22.540	Heery
104	"	5 " "	22.480	"
105	"	6 " "	22.500	"
106	"	7 " "	22.504	Brown
107	"	8 " "	22.504	"
108	"	9 " "	22.510	"
109	"	10 " "	22.510	Kell
110	"	11 " "	22.515	"
111	"	12 M	22.515	"
112	June 29	1 AM	22.540	Heery
113	"	2 " "	22.520	"
114	"	3 " "	22.500	"
115	"	4 " "	22.500	Brown
116	"	5 " "	22.500	"
117	"	6 " "	22.520	"

Aueroid No. 22 taken away by Mr. Ogden June 29th.



July 5<sup>th</sup> 2 P.M. 21200  
" " 9 P.M. 21220

270

July 11<sup>th</sup> 2 P.M.  
Air Hg. 0 = 22409

# Silver Canon Nevada

22      - 0 -      49

No	Date	Hour	Read	Diff	Reading	Diff	Read	Diff	Read	Diff	Remarks
1	July 11	7 am	23370		23525		22430				
2	" 11	2 P.M.			22400						
3	" 11	9 " "	23300		23415		22320				
4	" 12	7 am	23360		23470		22350				
2 <sup>a</sup>	" 11	12.30 P.M.	<del>233</del>				20.705				Observation taken at Summit of Mountain July 11
2 <sup>a</sup>	" 11	1.10					20.680				
			23,310								



May 10 1871

Mr. Mallon's aneroid barometer

" Gilbert "

"

"

"

420 67