

FIELD BOOK.

Book No. *12*, 18*69*.

METEOROLOGICAL RECORDS.

Party No. *1*, *Main* Section.

Camp at *Hamilton Nev.*, 187 .

To Camp at \_\_\_\_\_, 187 .

*S. H. Keeler*, In charge of party.

Engineer Department, U. S. Army.

Geographical Surveys West of 100th Meridian.

Aneroid Readings.

Reconnaissance

of

1869

\* 3 0.4  
 \* 10  
 \* \*  
 \* \*  
 \* \*  
 \* \*

= 35.

= 64.5      S      B      Wet  
                  64.8      62.8      51.8

63.2      64.2      62.2      50.6

93.2      94 -      91.8      61.2

71.5      72 - 2      70.8      57.5

231  
 842  
 379

2705  
 600  
 454

9  
 261  
 8



Sunday  
 Monday  
 Tuesday  
 Wednesday  
 Thursday  
 Friday  
 Saturday

\* 6  
 \* 7  
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 \* 31

7 40 8 15 = 35

$1566.28.228. = 64.5. \quad S \quad B \quad \text{Web.}$   
 $64.8. \quad 62.8. \quad 51.8.$   
 an 28 105

$28.231. = 63.2. \quad 64.2. \quad 62.2. \quad 50.6.$   
 an 27.842,  
 $28.210. = 93.2. \quad 94. - \quad 91.8. \quad 61.2.$

$28.054. = 71.5. \quad 72-2. \quad 70.8. \quad 57.5.$   
 $27.838$   
 $250$   
 $231$   
 $842$   
 $379$   
 $27054$   
 $600$   
 $434$

8 <sup>th</sup> Sept	Downwind 22	78.0	S	Wet	Water
9 P.M.	24.875	74.8	75.5	58.2	81.5
9 <sup>th</sup> 6 A.M.	24.872	49.5	50.-	42.5	43.-

9 <sup>th</sup> 4 P.M.	25.655	84.5	—	56.7	
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Camp 10. Meadow Valley.

10 <sup>th</sup> 12 N.					Maximum 115
2 P.M.	25.004	89.6	90.7	65.2	106.
9. "	25.000	65.3	72.2	52.5	
N. 1566	25.406				
alt. Tr.	66.8				

11 <sup>th</sup> 9 P.M.	24.838	70.2	78.-	56.5	
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Bar. 1566	25.276				
Alt. Tr.	71.8				

12 <sup>th</sup> 9 P.M.	24.448	52.8	62.3	47.8	
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Bar 1566	24.852				
Alt. Tr.	55.8				

6.20

125.00  
 50.00  
 75.00  
 125.00

15  
 3  
 5  
 5  
 6

12.25 = 100  
 12.25 = 100

332.50 = 300 = 70.  
 210.  
 150. = 60.

31.50  
 18.50  
 48.  
 6.50  
 18.  
 10.50  
 32.  
 22.50

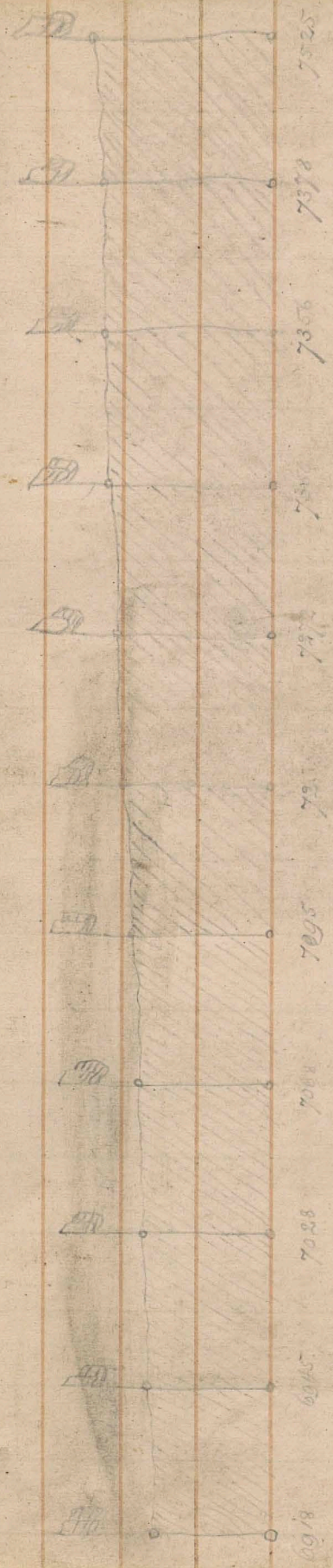
24  
 36  
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 62  
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 80

198

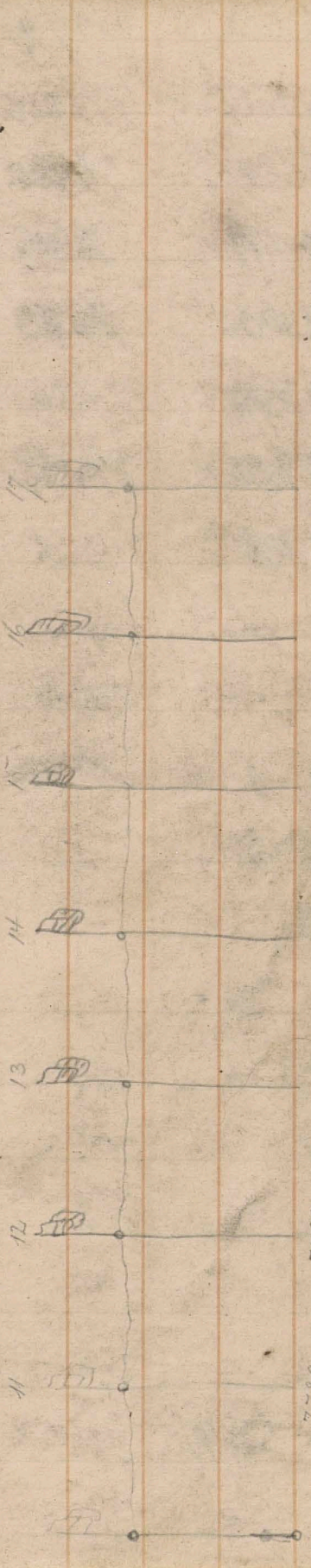
July 18<sup>th</sup> 1869.

9.50	Camp R:	24.035	6015.
10.50	Ruby St:	24.010.	6945.
11.20	St. II	23.938	7028
11.35.	" III	23.908	7068.
11.45.	" IV	23.88.	7108.
12.13.	" V.	23.768.	7150
12.45.	" VI	23.732	7242
12.52.	" VII	23.668.	7350.
1. —	" VIII	23.66.	7380
1. 10.	" IX	23.65	7390
1. 35.	" X	23.512	7525
2. 10.	" 11.	23.382	7188.
2. 25.	" 12	23.338	7725
2. 40.	" 13	23.292	7780
2. 50.	" 14	23.282	7795
3. —	" 15.	23.262	7780
4. —	" 16	23.112	7998
4. 10.	" 17	23.151	7944
4. 20	" 18	23.242	7842
4. 30	" 19.	23.28.	7986

10  
9  
8  
7  
6  
5  
4  
3  
2  
1



7525  
7578  
7356  
7511  
7972  
7911  
795  
7004  
7028  
6945  
6918



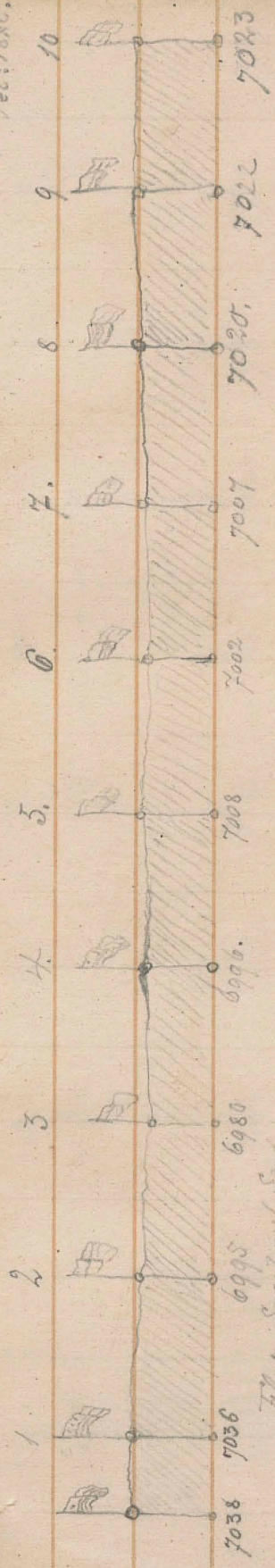
7986  
7842  
7994  
7793  
7700  
7795  
7780



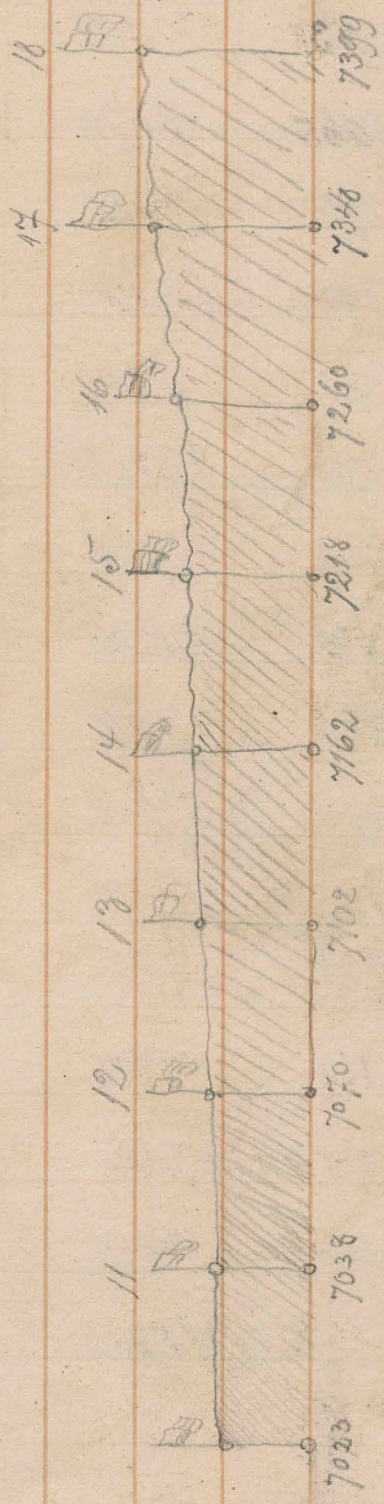
4.40	Statio, 20	23.302	7772
4.50	St. 21	23.355	7718
5.15	St 22.	23.542.	7496
5.35	" 23.	23.557	7468
5.50	" 24,	23.638	7397
6.30	" 25	23.799.	7199.
6.50.	" 26	23.823	7160
	Campct:	23 892	

6.50	Campa	23.936	7038
7.-	1.	23.938	7036
7.45	2	23.965	6995
8.15	3.	23.978	6980
8.45	4	23.964	6996.
10.30.	5.	23.945	7008
10.55.	6.	23.941	7002
11.25.	7	23.946	7007
11.50.	8.	23.939	7020
12.20.	9	23.937	7022
12.40.	10	23.936.	7023
1.20.	11.	23.923.	7038
1.45.	12	23.9.	7070
2.15.	13 ✓	23.868	7102
2.40.	14.	23.820	7162
3.-	15	23.775	7218
3.25.	16	23.739	7260
4.-	17	23.669	7340
4.25.	18	23.625	7399

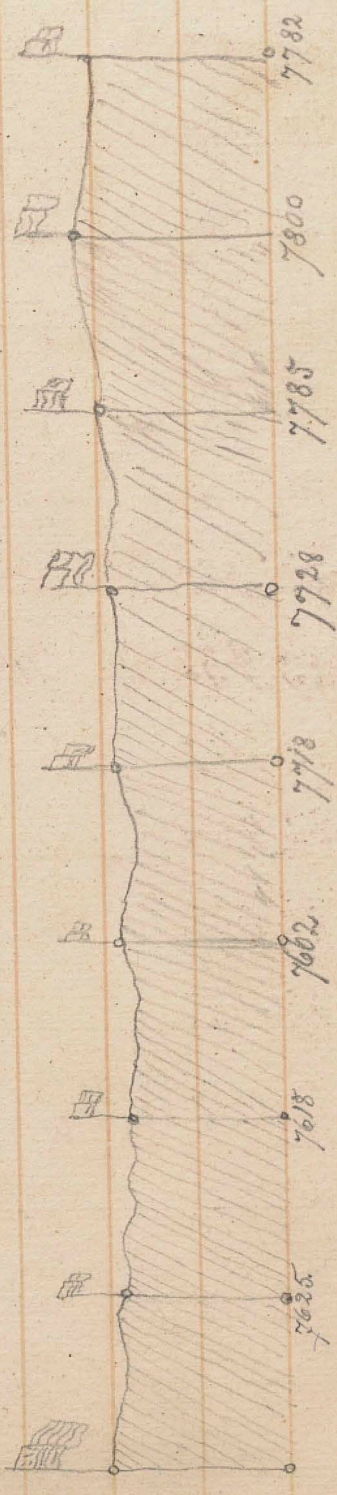
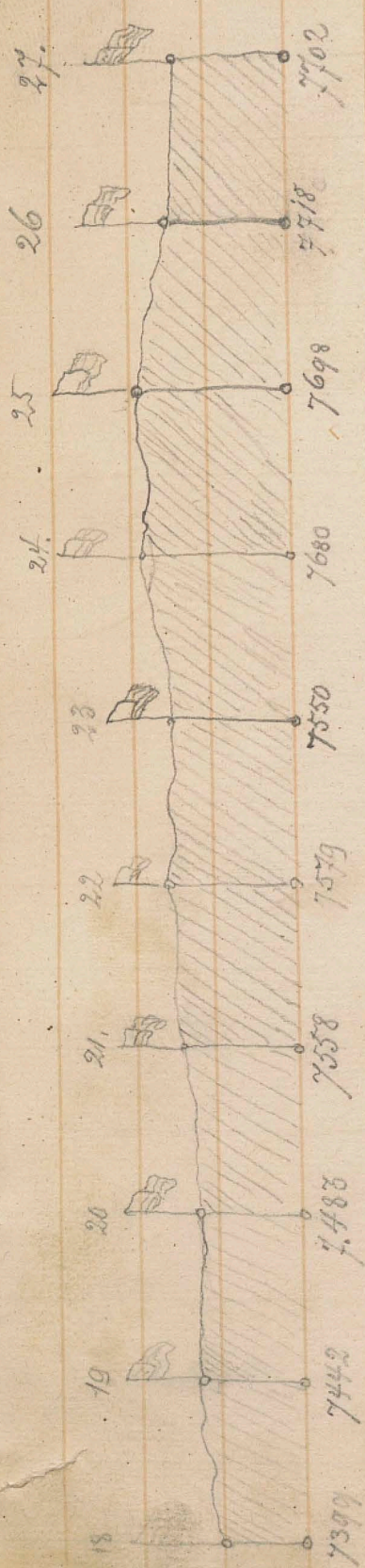
702: Post.



Flat Sagbrush Smo.



4.45	19	23.582	7442	✓
5.10.	20	23.545	7483	✓
5.50	21	23.482	7558	✓
6.	22	23.468	7579	✓
6.10	23.	23.490	7550	✓
6.40	24	23.380	7680	✓
7.-	25.	23.365	7698	} <sup>top.</sup>
7.15	26.	23.348	7718	
7.30	27	23.358	7702	
7.45	25	23.420	7625	
8.10.	26	23.432	7618	
8.40	27	23.397	7662	
8.55.	28	23.344	7718	
9.10	29	23.338	7728	
9.25.	30	23.285	7785	
9.30	31	23.278	7800	
9.50	32	23.292	7782	
10.25	33	23.282	7790	

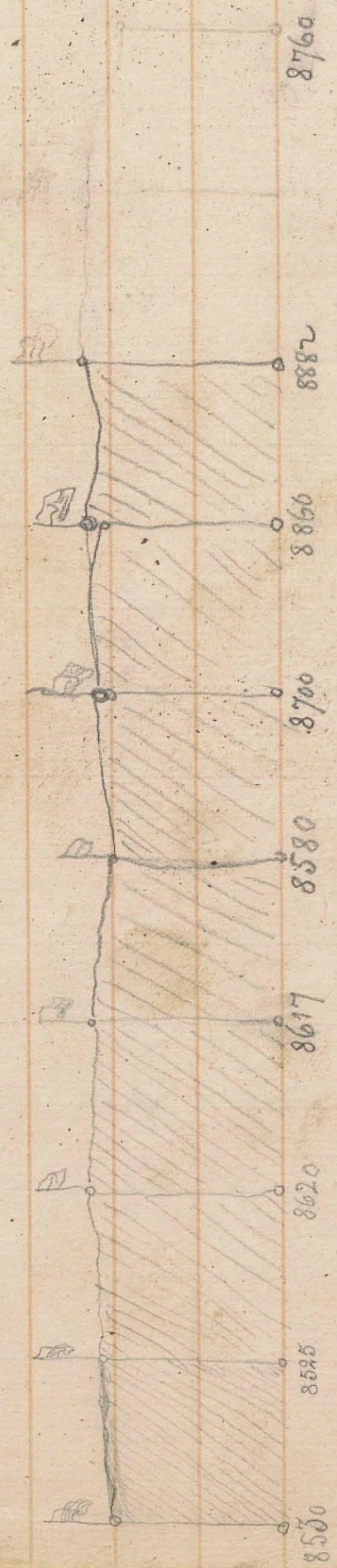
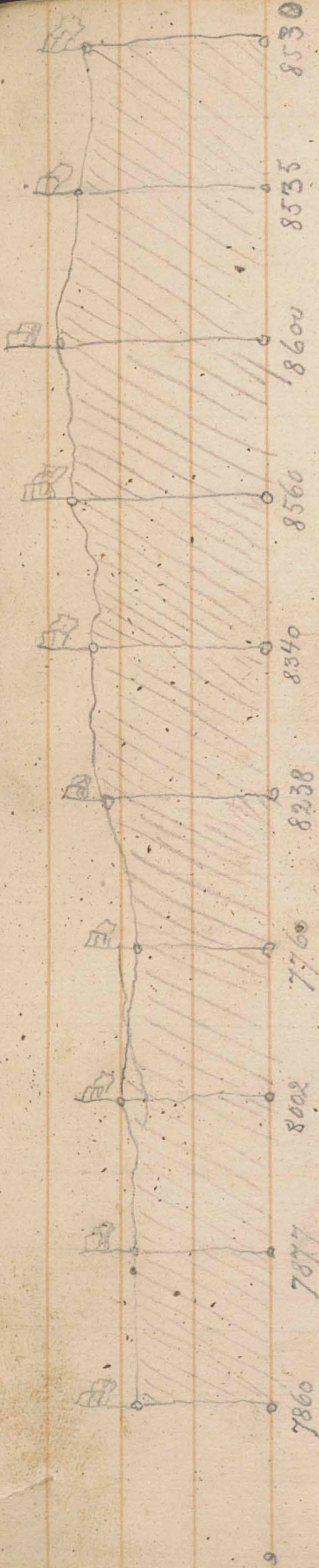


Camp

St. 1

H.	2	25 222	7860
19.5	3	23 217	7877
19.15	4	23 100	8002
19.30	5	23 030	7760
11.55	6	22 912	8238
12.20	7	22 820	8370
12.55	8	22 638	8560
1 20	9	22 600	8600
1.40.	10	22 660	8535
2.20	11	22 665	8530
2.35	12	22 625	8575
3.15	13	22 582	8620
3.25	14	22 590	8617
3.55	15	22 620	8580
4.20	16	22 520	8700
4.55	17	22 380	8860
5.25	18	22 362	8882

8090



Camps near Hamilton New, to Camp 11.

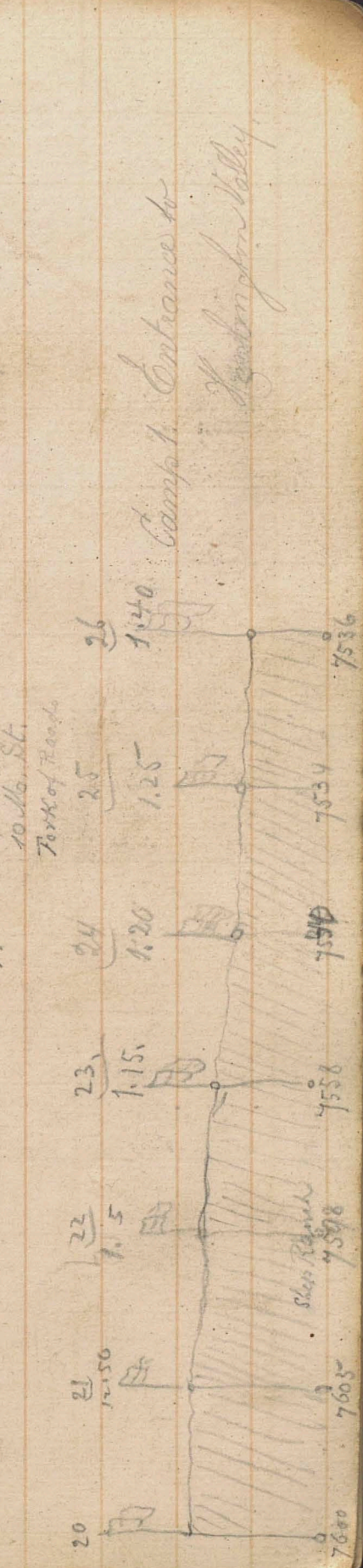
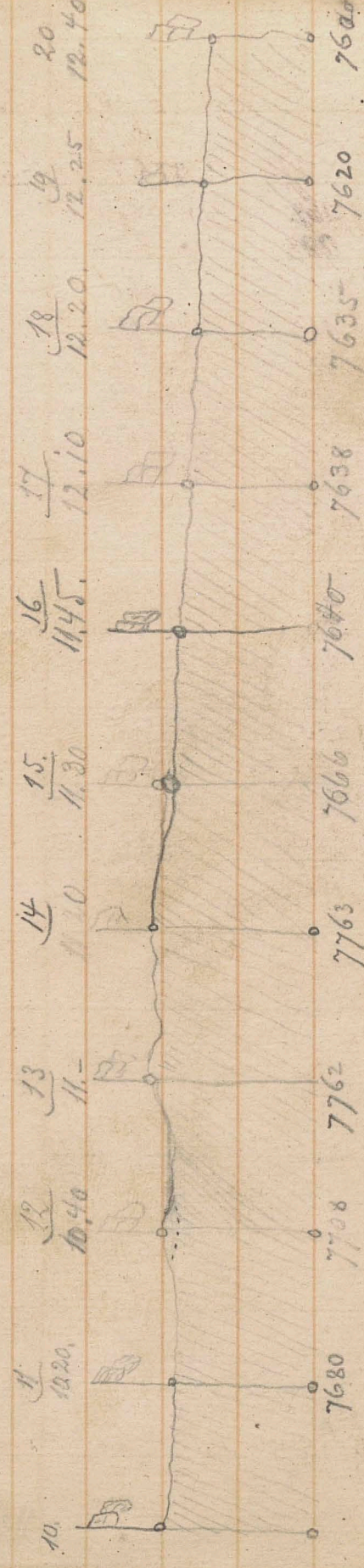
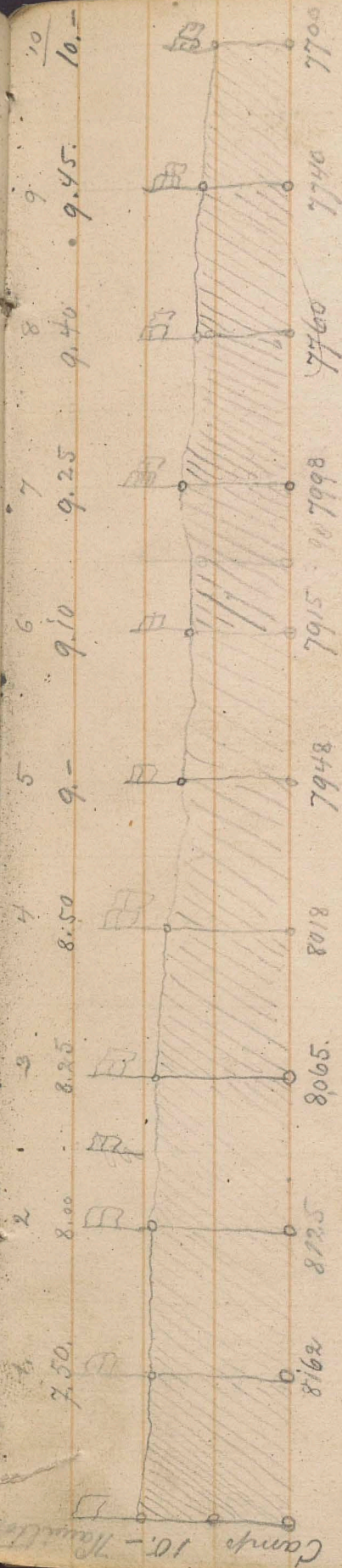
0	7.45.	22	964.	8168
I	7.50	22	961.	8162
II	8 -	22	938	8125
III	8.25	23	052	8.065
IV	8.50	23	092	8.218
V	9 -	23	123	7948
VI	9.10.	23	180	7915
VII	9.25	23	192	7998
VIII	9.40.	23	211	7760.
9.	9.45	23	328	7740
10.	10. -	23	360	7700.
11	10. 20.	23	385	7680
12	10. 40	23	348	7703
13.	11. -	23	308	7762.
14	11. 20.	23	307	7763
15.	11. 30	23	395	7666
16.	11. 45	23	411	7640
17.	12. 10	23	418	7638
18.	12. 20	23	420	7635
19	12. 25	23	430	7620
20	12. 40	23	443	7600
21	12. 50	23	442	7605
22	1. -5	23	452	7598
23	1. 15	23	488	7558
24	1. 20	23	495	7540
25.	1. 25	23	500	7534
26.	1. 40.	23	505	7536.

Camp 10. near Hamilton.

10 Miles S. E. of Roads.

Good Camping Grounds  
Water, Grass and Woods





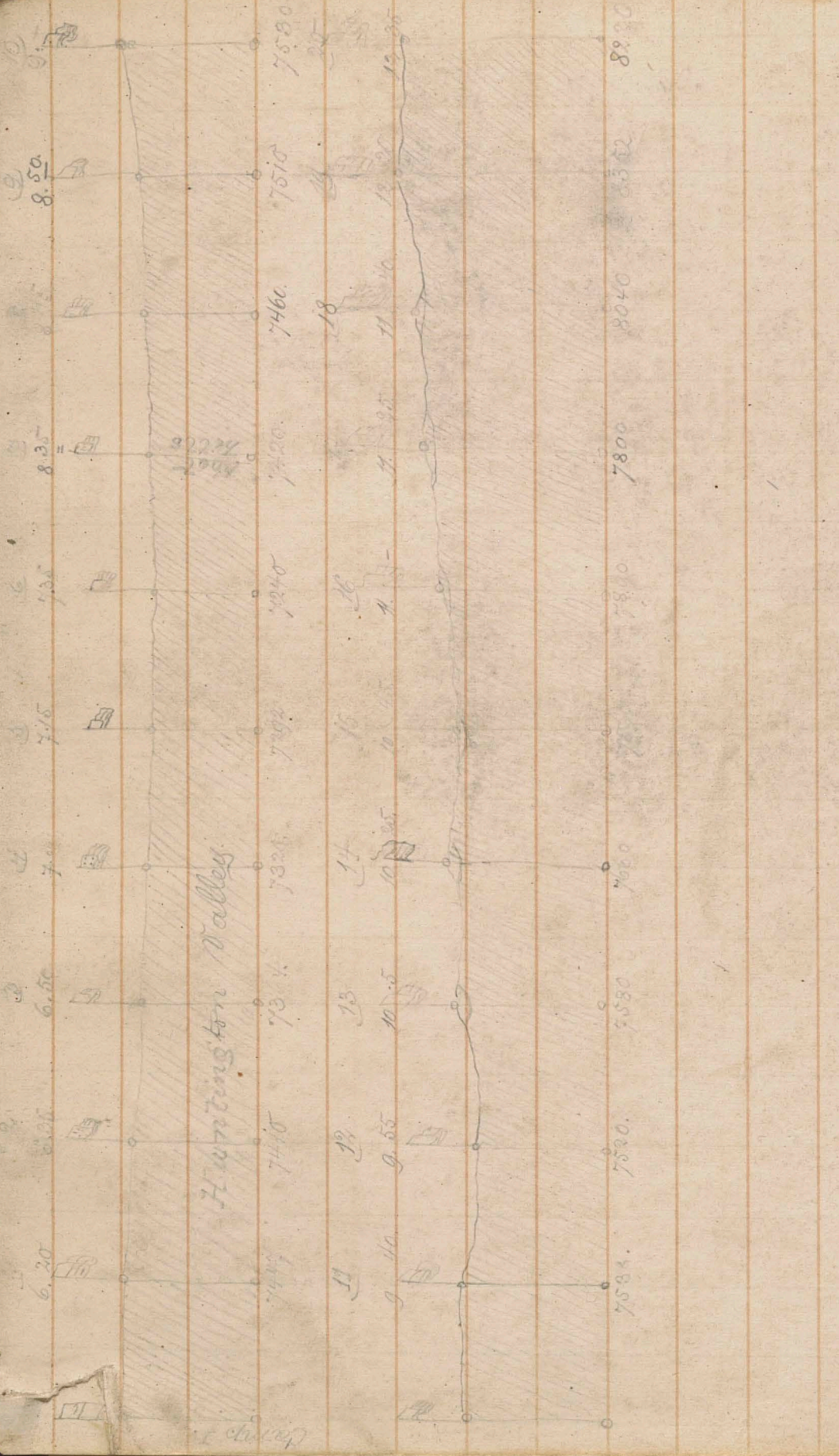
Camp I Entranced to Huntington Valley to Camp II.

Camp I. 6.15 23, 562

7118

I	6.20	23	584	7177
II	6.35	23	610	7110
III	6.50	23	642	7364
4		23	688	7320
5	7. 15	23	718	7292
6	7. 35	23	760	7210
7	8 35	23	608	7420
8	8 45	23	560	7110
9	8.50	23	225	7510
10	9. -	23	578	7530
11	9. 40	23	500	7538
12	9. 55	23	500	7520
13	10. -5	23	460	7530
14	10. 25	23	398	7660
15	10. 45	23	340	7328
16	11. -	23	275	7800
17	11. 20	23	128	7110
18	11. 40	23	075	8040
19	12. 20	22	972	8250 in
20	12. 35	22	920	8220

Foot hills. -



Huntington Valley

Protr. Rock

Camp

7580  
8040  
7800  
7800  
7620  
7580  
7820  
7580  
8920

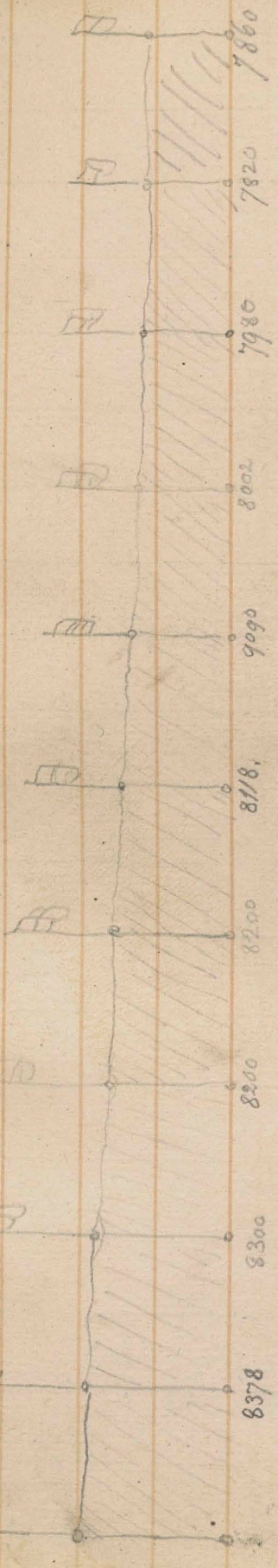
Camp I to Camp III  
August 25

Camp I			22	770	8,400
1	5	45	22	792	8,378
2	6	5	22	855	8,300
3	6	35	22	932	8,200
4	6	45	22	938	8,200
5	6	50	23	008	8,118
6	7	-	23	030	8,090
7	7	20	23	100	8,002
8	7	30	23	120	7,980
9	7	45	23	170	7,820
10	9	15	23	125	7,860
11	9	50	23	320	7,740
12	10	20	23	365	7,695
13	10	35	23	370	7,690
14	11	20	23	440	7,600
15	11	45	23	460	7,610
16	12	10	23	520	7,520
17	12	15	23	520	7,520
18	12	20	23	510	7,525
19	12	25	23	538	7,500
20	1	0	23	540	7,498
21	1	15	23	550	7,480
22	1	30	23	560	7,475
23	1	40	23	542	7,490
24	1	5	23	593	7,538
25	2	-	23	608	7,418
26	2	10	23	600	7,425
27	2	30	23	640	7,380
28	2	40	23	680	7,340
29	3	-	23	695	7,315
30	3	15	23	720	7,280

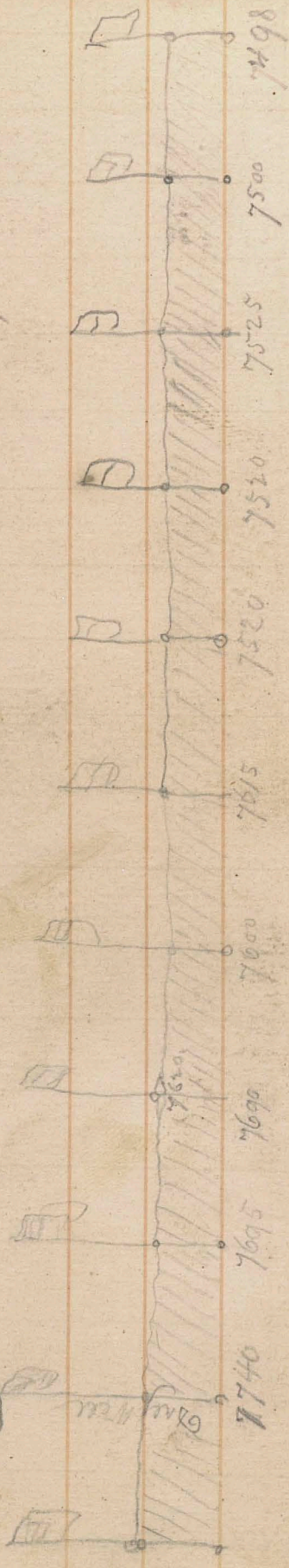
Dry Well.

Flagstaff to Mineral Spring

5.45 5.50 6.5 6.35 6.45 6.50 7- 7.20 7.30 7.45 8 8.30 8.45 9 9.15  
 3 4 5 6 7 8 9 10



12.50 12.10 10.20 10.55 11.20 11.45 12.10 12.15 12.20 12.25 12.30 12.35 12.40 12.45 12.50 1.00  
 12 13 14 15 16 17 18 19 20



21 15 22 23 24 25 26 27 28 29 30  
 7480 7475 7452 7538 7418 7425 7340 7315 7380 7340 7380  
 1 1.30 1.40 1.55 2 2.30 2.40 2.45 2.50 3.15

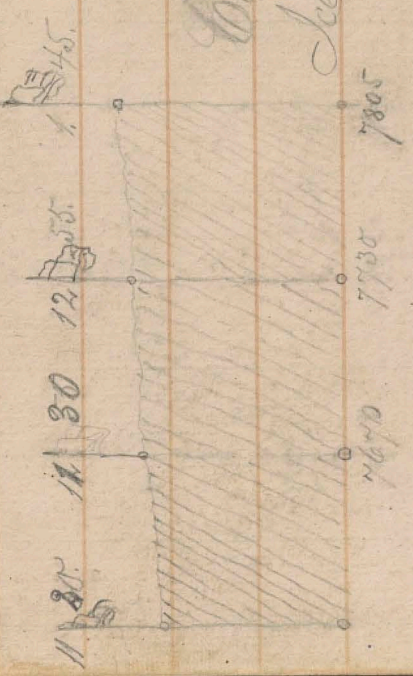
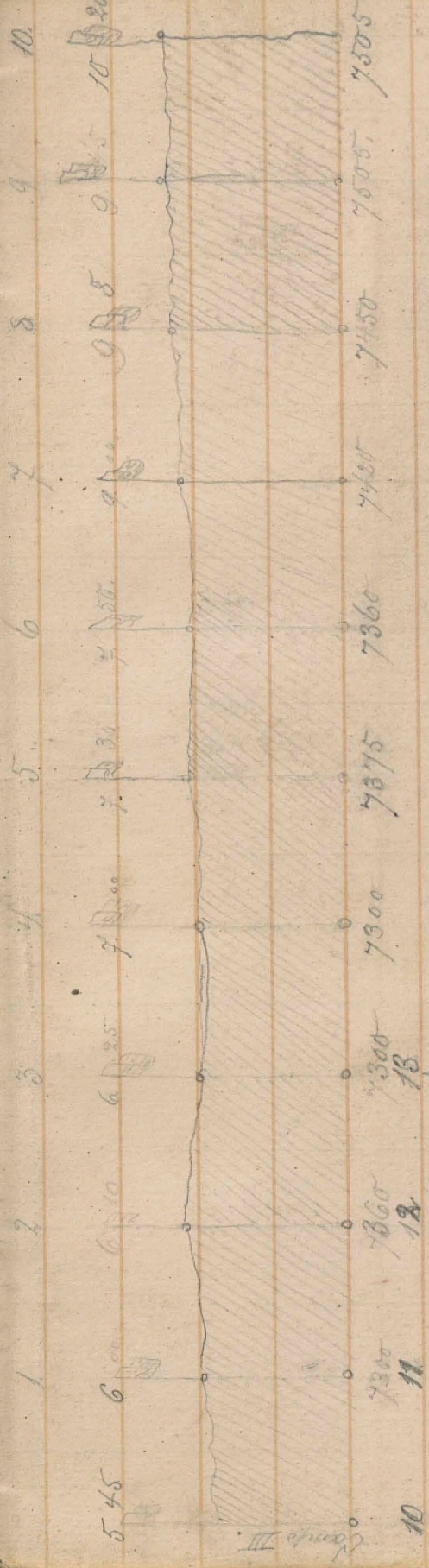
Camp 3. Mooray Creek to Camp 4. Ice Creek

Camp

III.	5.45.	22.	701	7300
1	6. -	22	705	7300
2	6.10	22	654	7360
3	6.25	22	700	7300
4	7.00	22	700	7300
5	7.30	22.	645	7375
6	7.50	22.	650	7360
7	9. -	22	600	7275
8	9. 8	22	580	7250
9	9.45	22	575	7205
10	10.20	22	525	7105
11	11.30	22	290	7670
12	12.55	22	330	7730
13.	1.45.	22.	265	7805

Foot of Peaks

Camp 4



Camp IV  
Ice Quats

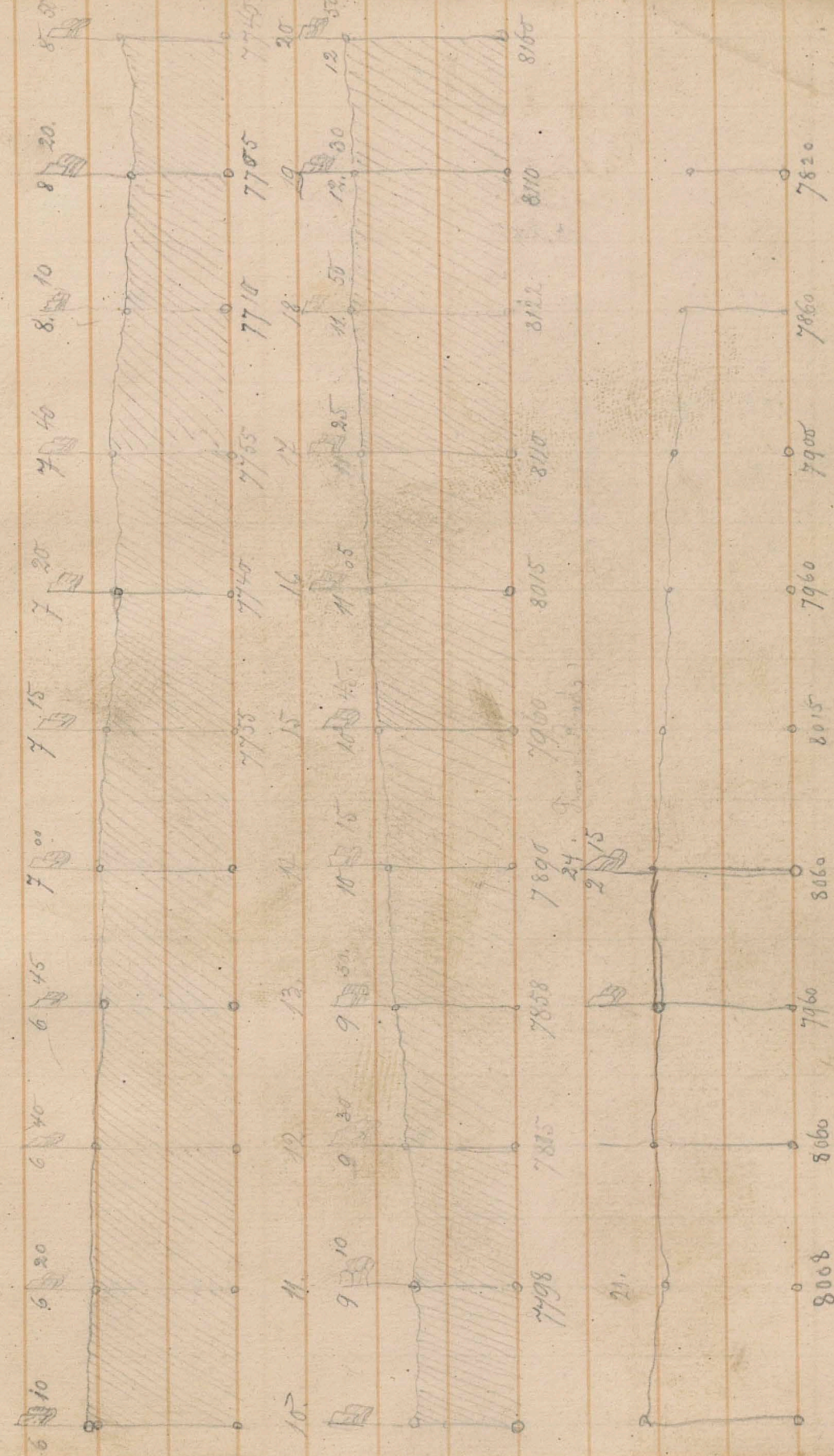
Camp 4, Ice Creek - to Camp 5, at Cave, 9

Camp

Camp	Day	Time	Distance	Altitude
IV	6	10	23,190	7900
1	6	20	23,220	7860
2	6	40	23,280	7780
3	6	45	23,290	7775
4	7	-	23,290	7780
5	7	15	23,318	7755
6	7	20	23,320	7740
7	7	40	23,310	7755
8	8	10	23,350	7710
9	8	20	23,340	7705
10	8	50	23,322	7740
11	9	10	23,280	7778
12	9	30	23,280	7815
13	9	50	23,228	7858
14	10	15	23,200	7890
15	10	45	23,140	7960
16	11	5	23,080	8015
17	11	25	23,010	8110
18	11	50	23,000	8122
19	12	30	23,010	8110
20	12	50	23,970	8160
21	1	-	23,18	8008
22	1	15	23,040	8060
23	1	50	23,050	7960
24	2	15	23,050	8060
25	2	25	23,080	8015
26	2	45	23,140	7960
27	3	-	23,190	7900
28	3	15	23,220	7860
29	3	30	23,260	7820



1 2 3 4 5 6 7 8 9 10

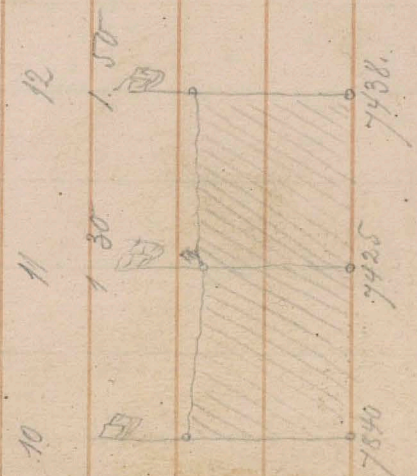
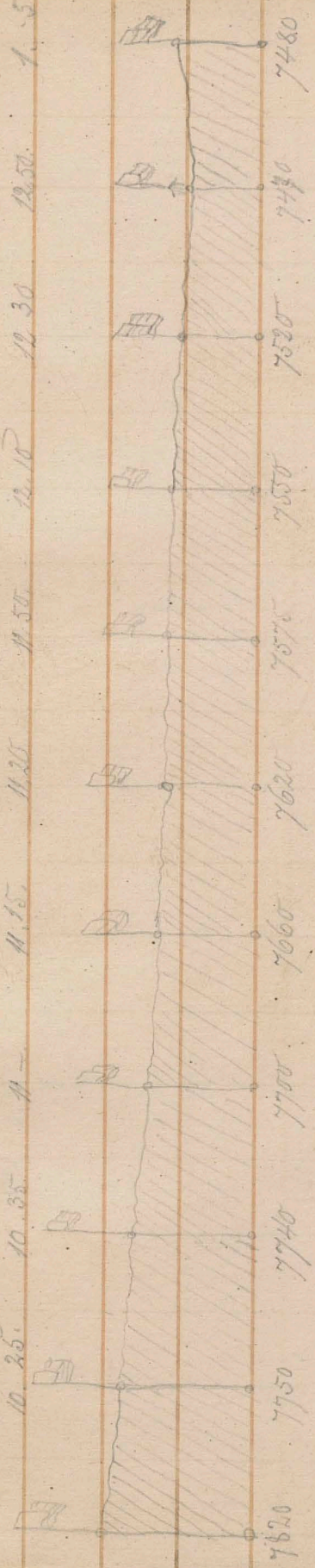


1	10. 25.	23 320	7750.
2	10 35	23 325	7740.
3.	11. -	23. 360	7700
4.	11. 15.	23 400	7660
5.	11 25	23, 430	7620
6.	11 50	23, 475	7575
7	12, 10.	23, 490	7550
8	12. 30.	23, 520	7520
9	12. 50	23, 560.	7475
10	1. -5	23 570	7480
11	1. 30.	23 600	7425.
12	1. 50	23, 590	7433
		180	7

Log House. -

Camp

1 2 3 4 5 6 7 8 9 10  
 10 35 10 35 11 25 11 50 12 10 12 30 12 50 1 3



14<sup>th</sup> Camp at Cave to Jefferson Peak Aug: 14<sup>th</sup>  
 to Camp 1. Pendson Creek

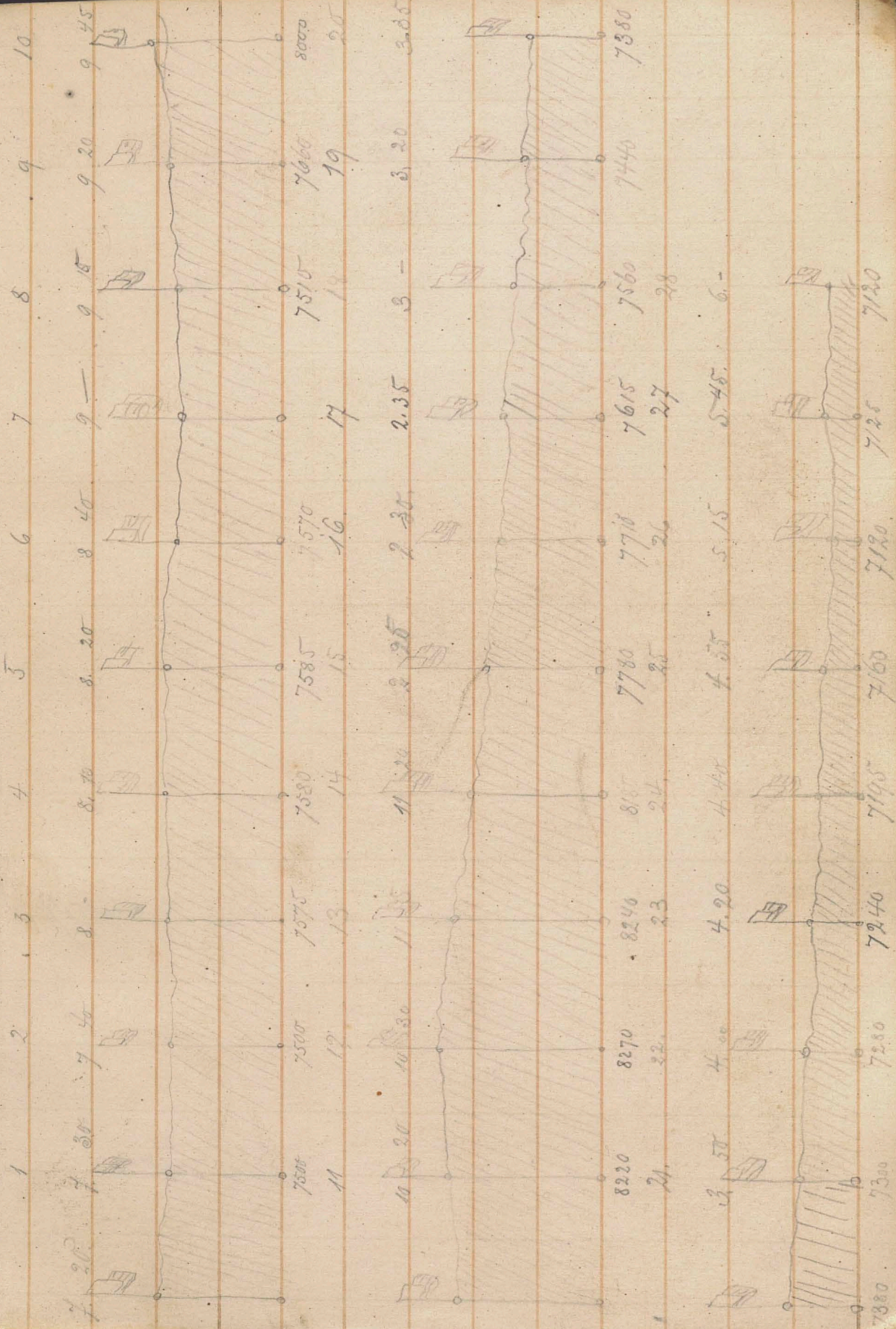
Day	Time	Altitude	Temperature	Notes
1	7:30	23,485	7560	Camp Road
2	7:40	23,535	7500	
3	8:00	23,540	7500	
4	8:10	23,550	7575	
5	8:20	23,445	7580	
6	8:30	23,440	7585	
7	8:40	23,460	7570	
8	9:00	23,500	7565	
9	9:10	23,530	7510	
10	9:20	23,400	7660	
11	9:45	23,150	8000	
12	10:20	22,920	8220	
13	10:30	22,880	8270	Tollhouse
14	11:05	22,900	8240	
15	11:20	22,820	8180	Springfield
16	2:25	23,290	7780	Cross Road
17	2:30	23,350	7710	
18	2:35	23,420	7615	
19	3:00	23,480	7560	
20	3:20	23,580	7440	
21	3:30	23,640	7380	
22	3:50	23,705	7300	
23	4:00	23,725	7280	
24	4:20	23,760	7240	
25	4:40	23,800	7195	
26	4:55	23,820	7160	
27	5:15	23,850	7120	
28	5:45	23,860	7125	
29	6:00	23,850	7120	Camp #1 - 18

Cross Road  
 7560  
 6463  
 1100

7560  
 6463  
 1097

7120  
 6664  
 1056

7820  
 7780  
 40



1 2 3 4 5 6 7 8 9 10

7.20 7.30 7.40 8.20 8.40 9.15 9.20 9.45

11 12 13 14 15 16 17 18 19 20

2.35 2.30 2.25 2.20 2.15 2.10 2.05 2.00 2.00 2.00

7380 7280 7240 7195 7160 7120 7120 7080 7040 7000

4.50 4.00 4.20 4.40 4.55 5.15 5.45 6.00

8220 8270 8240 8350 8270 8270 8240 8240 8270 8270

7380 7440 7560 7615 7615 7700 7780 7880

7380 7280 7240 7195 7160 7120 7120 7080 7040 7000

7380 7280 7240 7195 7160 7120 7120 7080 7040 7000

18

19

Camp 1. Benson Creek to Camp 2.

Clear Creek  
15% duty

Camp I

1	7	A.M.	23,920	7040
2	7	10	23,930	7030
3	7	20	23,950	7010
4	7	40	23,925	7035 v
5	7	55	23,930	7030
6	8	15	23,930	7030
7	8	30	23,933	7027
8	8	50	23,920	7040
9	9	5	23,870	7000
10	9	25	23,750	7250
11	9	40	23,900	7070
12	9	50	24,050	7000
13	10	5	24,100	6840
14	10	15	24,075	6845 v
15	10	30	24,100	6840 v
16	10	40	24,090	6850
17	10	50	24,105	6835 v
18	11	15	24,105	6835 v
19	11	30	24,100	6840
20	11	55	24,110	6830
21	12	15	24,120	6820
22	12	30	24,100	6840
23	12	45	24,100	6840
24	1	5	24,070	6870
25	1	20	24,060	6890
26	1	35	24,030	6920

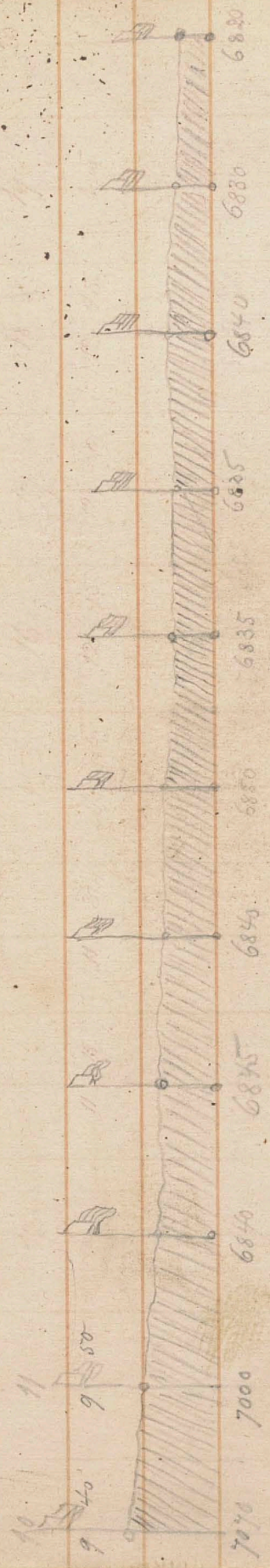
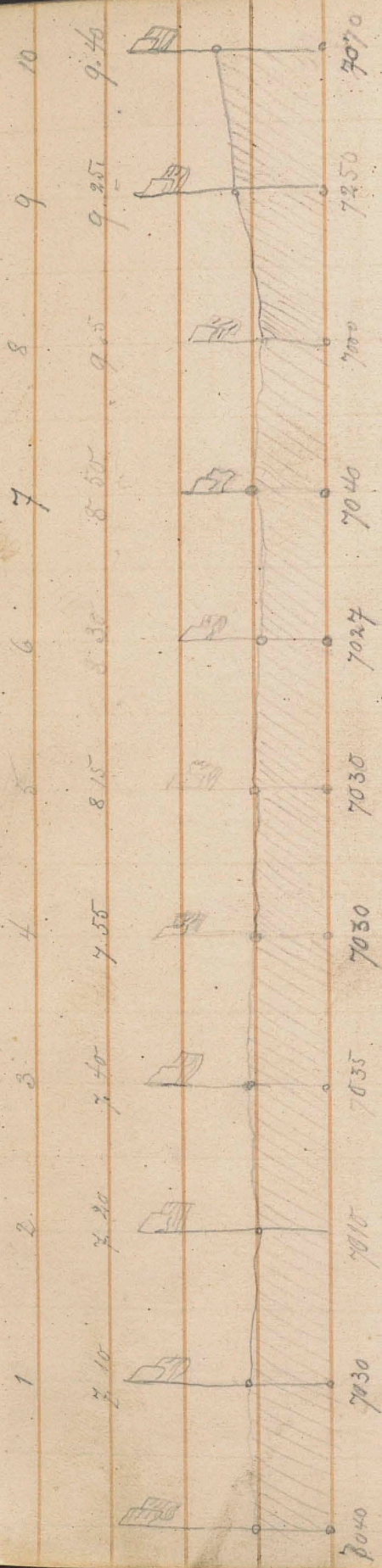
7040  
7030  
7010  
7035 v  
7030

6920  
6022  
- 976  
898.

Top.

Turn of Road

Camp II Camp 19



19

20

From Camps 2. Clear Creek, to Camps 3.

Aug. 16<sup>th</sup>

Camps	Time	Distance	Altitude	Notes
1	6. 45	24,095	6845	
2	7. 5	24,095	6845	Road
3	7. 15	24,095	25	
4	7. 20	24,100	6840	Ranch
5	7. 45	24,100	6840	Garden
6	8. 5	24,080	6860	
7	8. 15	24,050	6900	
8	8. 30	24,100	6840	
9	8. 45	24,070	6870	
10	9. 10	24,050	6900	
11	9. 10	24,040	6910	
12	9. 35	24,020	6930	
13	9. 55	24,010	6890	
14	10. 15	24,080	6860	
Camp 20	11. -	24,030	6920	

6920  
 6038  
 - 882

6 6845

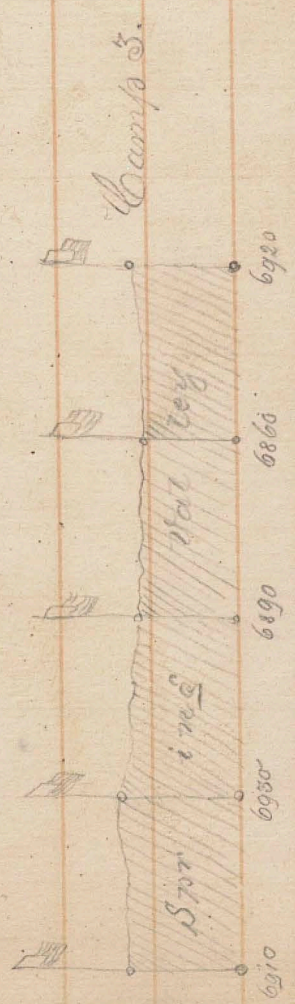
6022  
 - 822



1 2 3 4 5 6 7 8 9 10  
 6 50 7 05 7 15 7 20 7 45 8 05 8 15 8 30 8 45 9 10



10. 11. 12. 13.  
 9 25 9 55 10 15 11.



20  
Camp III to Camp 4.

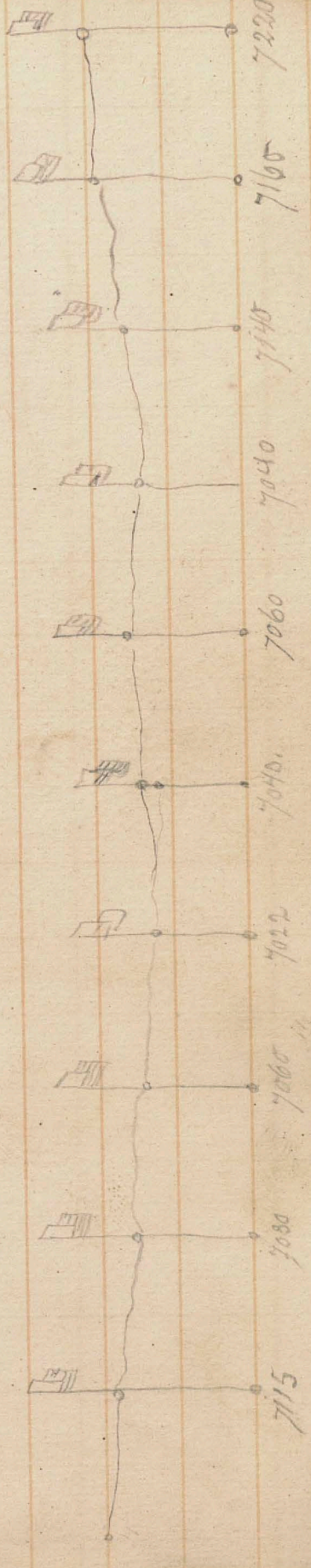
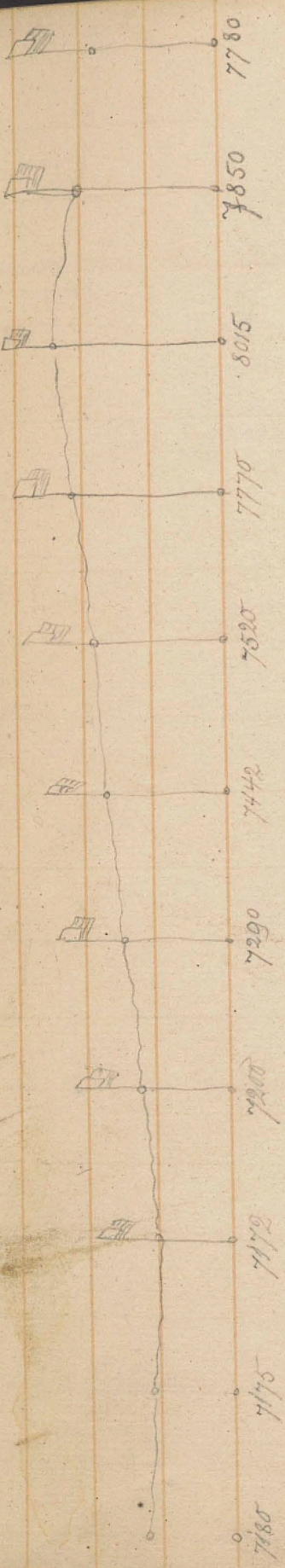
22 (Note. 21 is Wheeler Peak)  
August 2, 1916

	6 45	23 805	7180
1	6 50	23 815	7175
2	7 00	23 817	7172
3	7 15	23 792	7200
4	7 30	23 740	7290
5	7 45	23 580	7442
6	8 00	23 515	7520 v
7	8 20	23 300	7770
8	8 30	23 180	8015
9	8 40	23 230	7750 +
10	8 50	23 278	7780
11	9 10	23 378	7682
12	9 30	23 485	7570 v
13	9 40	23 500	7540
14	9 55	23 535	7500 v
15	10 10	23 600	7425
16	10 45	23 640	7380
17	11 -	23 708	7300 v
18	11 20	23 800	7285 v
19	12 -	23 840	7140
20	12 15	23 850	7130 v
21	12 30	23 860	7115
22	12 45	23 890	7080
23	1 5	23 905	7060
24	1 20	23 938	7022
25	1 45	23 920	7015 v
26	2 - 5	23 910	7060
27	2 25	23 920	7040
28	2 50	23 840	7140
29	3 - 5	23 820	7160
30	3 20	23 780	7220

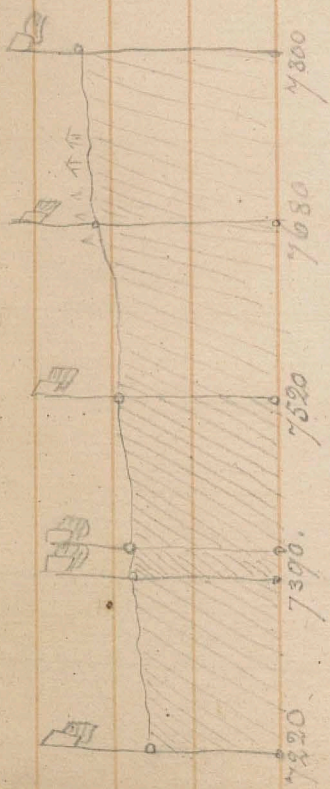
7180  
6038  
1142

Spring  
w  
s  
L  
w  
s  
L

Camp 22



31	4 10	23,630	7390	W.
32	4 5	23,632	7388	"
33	4 10	23,515	7520	S.
34	4 30	23,380	7680	W. Settlement Sacramento
35	5 -	23,280	7800	W. " town
36	5 30	23,060	8050	W. Above the Springs
37	5 36	23,0	<del>7998</del>	Camp
		23,110	7995	Camp 22



Camp 4 to Camp 5.

Aug 20<sup>th</sup>

Aneroid No 22

Camp

Camp	Station	6 <sup>20</sup>	
1	6. 25.	23	100 8000
2	6. 35	23	078 8030
3	6. 50	23	082 8040
4	6. 55	22	902 8240
5	7. 15	22	880 8200
6	7. 30	22	870 8280
7	7. 45	22	850 8260
8	8. -	22	910 8230
9	8. 20	23	000 8120 ✓
10	8. 35	23	082 8020
11	8. 35	23	180 7910 ✓
12	9. -	23	240 7840
13	9. 05.	23	305 7770 ✓
14	9. 15.	23	340 7720
15	9. 30	23	400 7660
16	9. 45	23	460 7585 ✓
17	10. -	23	530 7520
18	10. 15	23	570 7460 ✓
19	10. 45	23	635 7380
20	11. 25	23	720 7280 ✓
21	11. 30	23	810 7180
22	12. 15	23	840 7140
23	12. 45	23	920 7040
24	1. 10	24	000 7000 ✓
25	1. 20	24	010 6960
26	1. 30	24	090 6950
27	2. 00	24	190 6830 ✓
28	2. 20	24	270 6740 ✓
29	2. 45	24	270 6650 ✓
30	3. 05	24	215 6650
	3. 35	24	235 6690

Chick - ranch

Swamp, left hand  
right hand road very good  
but steep

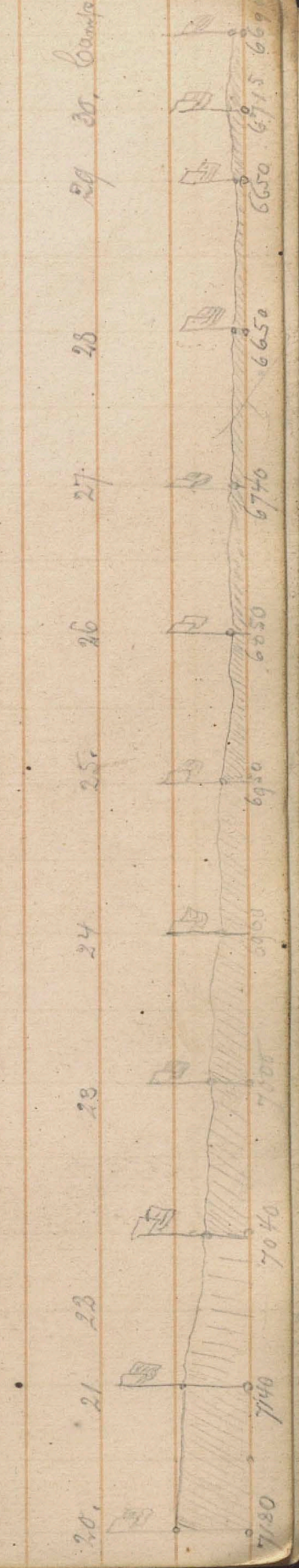
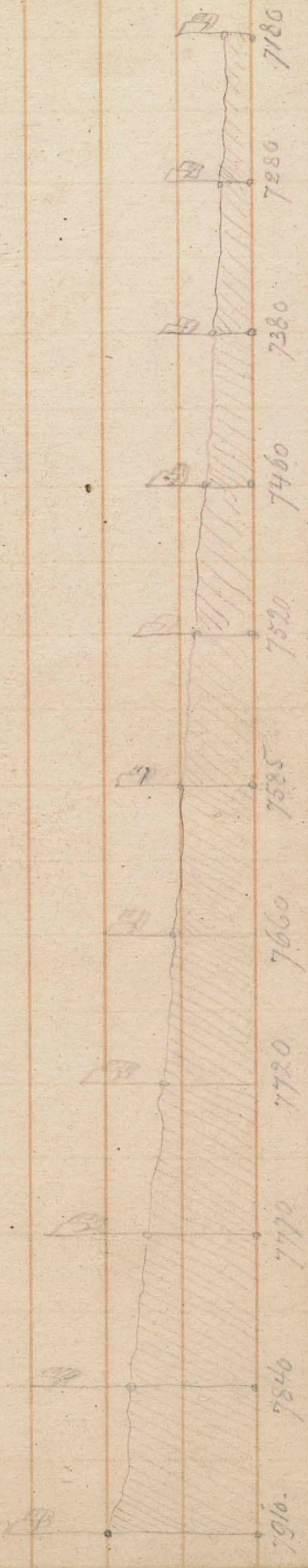
8000  
6574  
1426

6690  
5369  
1321

Camp 23 (Snake Creek)

Campground - Swampy, water suff.  
Woods. Grass

6620  
5370  
1250



An = 22

23

24

Camp 23 to Camp 24

Aug 21 <sup>4</sup>/<sub>11</sub>

Camp	Station	23	24
1	6.00	24,354	65.60
2	6.52	24,337	65.80
3	6.14	24,343	65.68
4	6.31	24,372	65.25
5	6.49	24,362	65.40
6	7.00	24,355	65.38
7	7.12	24,313	66.00
8	7.23	24,292	66.25
9	7.45	24,232	66.90
10	8.15	24,306	66.10
11	9.19	24,281	66.85
12	9.39	24,245	66.75
13	9.57	24,232	66.90
14	10.00	24,232	66.90
15	10.15	24,220	65.95
16	10.20	24,285	66.40
17	10.58	24,234	66.85
18	11.08	24,218	67.05
19	11.31	24,200	67.25
20	11.40	24,195	67.30
21	12.8	24,206	67.25
22	12.24	24,250	66.70
23	12.53	24,292	66.25
24	17 PM	24,313	66.00
25	5.3	24,275	66.50
26		24,28	66.40

6560  
5369  
1200

Snake creek

1. Horse creek

Camp 24 Lake Creek

6560  
5370  
1190  
1395  
2585  
1297  
1306



1 2 3 4 5 6 7 8 9 10

6508 8520

6560 6580

6560 6580

10 11

6685 6675

19 20

6725 6670

6565 6525

6565 6525

12

6670 6690

6725 6670

6555 6555

6555 6555

13

6670 6670

6725 6650

6525 6525

6525 6525

14

6685 6705

6725 6640

6590 6590

6590 6590

15

6725 8725

6725 6640

6685 6685

6685 6685

16

6780 6725

6725 6640

6780 6780

6780 6780

17

6780 6780

6725 6640

6780 6780

6780 6780

18

6780 6780

6725 6640

6780 6780

6780 6780

19

6780 6780

6725 6640

6780 6780

6780 6780

20

6780 6780

6725 6640

24, 28

(P)

aneroid. 22

Aug 22<sup>nd</sup> 1869

27 to Camp 25

at Wahi-wai Springs

Barion Station to

Camp

Camp	Station	9. Am		
1	9-20	23,762	7130	
2	9-50	23,813	7180	
3	10-10	24,110	6850	
4	10-30	24,194	6850	
5	10-30	24,293	6650	
5	11-00	24,418	6800	
5	11-50	24,530	6850	an 2
<del>5</del>	2-40	24,229	6650	
6	2-45	23,839	7180	
7	2-55	23,8	7180	
8	3-05	23,77	7230	
9	3-20	23,718	7280	
10	3-45	23,641	7380	
11	4-00	23,622	7330	
12	4-07	23,593	7380	
13	4-20	23,495	7520	
15	4-55	23,785	7280	
16	5-05	23,89	7140	
14	5-15	24,06	6850	

an (1) 24,377 - 10-45

lowest depression  
Ione Butte.

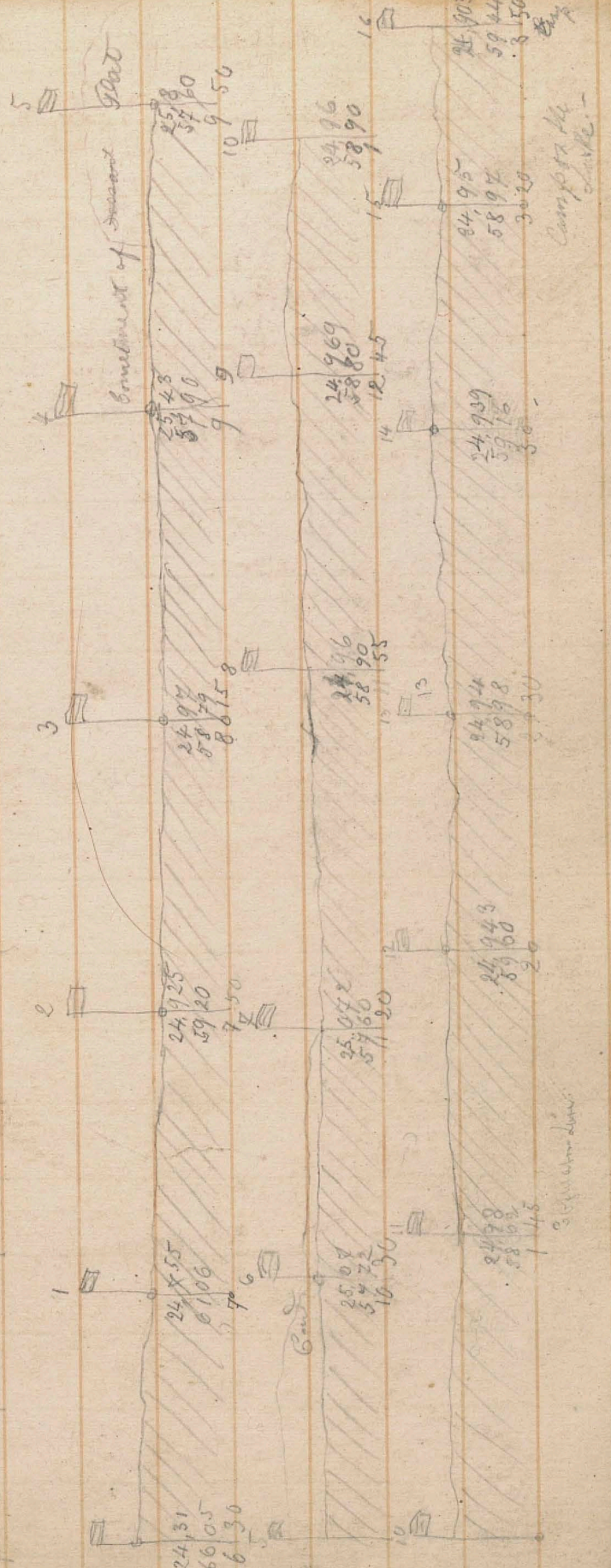
summit

Camp at Hawaiah Springs

Camp ~~24~~ 25  
at Hawaiah Springs

$$\begin{array}{r} 6850 \\ 5455 \\ \hline 1395 \end{array}$$

$$\begin{array}{r} 6605 \\ 5455 \\ \hline 1150 \end{array}$$



Aug 26 <sup>Amurville?</sup>  
Camp 27 to Camp 28

Condition Station to Camp on this route

-	23,815	7170	9-30
1	23,775	7240	9-40
2	23,709	7300	9-45
3	23,732	7270	9-52
4	23,775	7240	10-01
5	23,815	7170	10-23
6	23,792	7200	10-38
7	23,805	7180	10-56
8	23,882	7150	11-10
9	23,91	7050	11-27
10	23,975	6990	12-02
11	24,125	6820	2-40
12	24,191	6740	1-12
13	24,228	6700	1-33
14	24,205	6720	1-38
15	24,175	6750	2-47
16	24,155	6780	3-07
17	24,161	6765	3-15
18	24,218	6715	3,42 x
19	24,255	6650	4,15
20	24,190	6725	450

7170

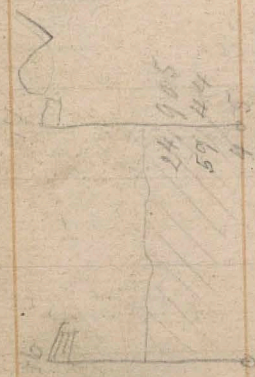


round turn N

Cross road

Amurville 22  
Aug, 27/69

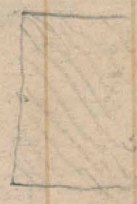
Camp 28 at the  
springs of Lake area



18 x	24,270	6650	8 am
-	24,290	6620	8,16

7070	7240	7300	7270	7240	7170	7200	7100	7150	7050
10	11	12	13	14	15	16	17	18	
6990	6820	6740	6500	6720	6750	6780	6765	6710	
18	14	18	19						
6710	6660	6725							

Aug 27  
11



6650 6620

Camp 28 to 29

Camp 7 Aug 27, 1869

6670  
54 16 4  
1206

Rank	Initial	Final	Time
0	24.250	6670	11-06
1	24.081	6860	11-20
2	24.018	6940	
3	23.975	6940	
4	24.018	6940	
5	23.999	6960	
6	23.975	6990	12-06
7	23.732	7265	12-45
8	23.695	7305	12.58
9	23.612	7405	1-20
10	23.600	7420	1-32
11	23.689	7320	1-45
12	23.648	7375	2-00
13	23.580	7450	2-12
14	23.555	7485	
16	23.545		
17	23.460		3.05
18	23.532	7.508	3.16
19	23.565		3.23
20	23.580	7450	3.33
21	23.595		3.40
22	23.613		3.47
23	23.637		4.00
24	23.698	7360	4.07
25	23.678		4.15
26	23.721	7280	4.22
27	23.933	7025	5.00
28	23.921	7040	5.15
29	23.882	7070	5.36
30	23.820	7140	5.55
Camp	23.688	7320	6.23

would stop

started again

pm

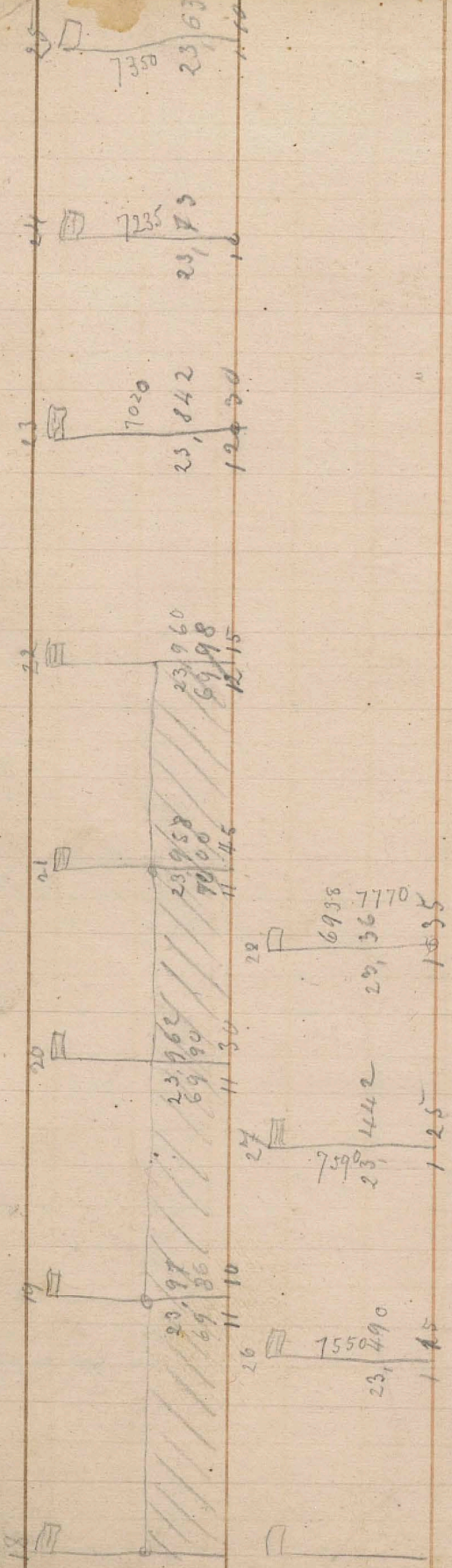
did not take in  
Rain

Camp 29  
Monument Cañon

7320  
6114  
1206



23,960





15.	10.	50.	23,250	7940
0	11	5	23,515	7830
1	11	15	23,530	7520
2	11	20	23,530	7510
3	11	25	23,555	7480
4	11	30	23,560	7475
5	11	35	23,580	7470
6	11	45	23,605	7445
7	11	50	23,608	7415
8	12	-	23,630	7412
9	12	10	23,650	7390
11	12	20	23,670	7370
12	12	25	23,700	7340
13	12	30	23,700	7310
14	12	35	23,690	7310
15	12	40	23,700	7320
16	12	45	23,700	7310
17	12	55	23,710	7310
18	1	-	23,740	7300
19	1	5	23,750	7260
20	1	10	23,750	7250
21	1	25	23,800	7250
22	2	35	23,840	7190
23	3	30	23,840	7140
24	4	25	23,820	7140
25	5	"	23,780	7168
26	6	"	23,710	7215
				7300

Springville  
Road to Jeff. Peak

Junction of Roads.

Lowest point.

7830

2 Sep.

Camp

26	11	25	23, 700
27	11	50	23, 690
28	12	5	23, 650
29	1	15	23, 460
30	1	25	23, 430
1	1	30	23, 430
2	2	00	23, 350
3	2	5	23, 330
4	2	15	23, 260
5	2	25	23, 240
6	2	50	23, 110
7	3	-5	23, 100
8	3	15	23, 100
9	3	20	23, 80
10	3	25	23, 120
1	3	35	23, 140
42	3	45	23, 145

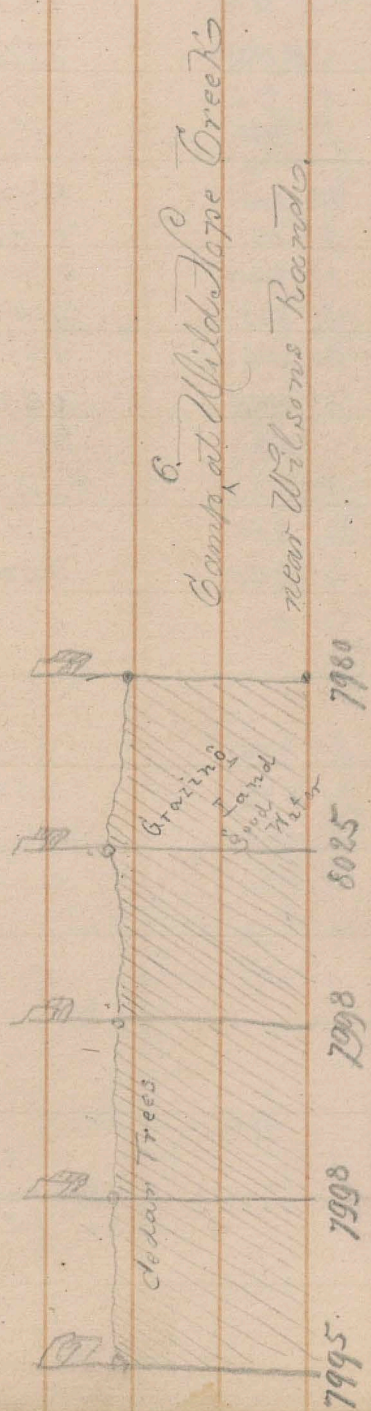
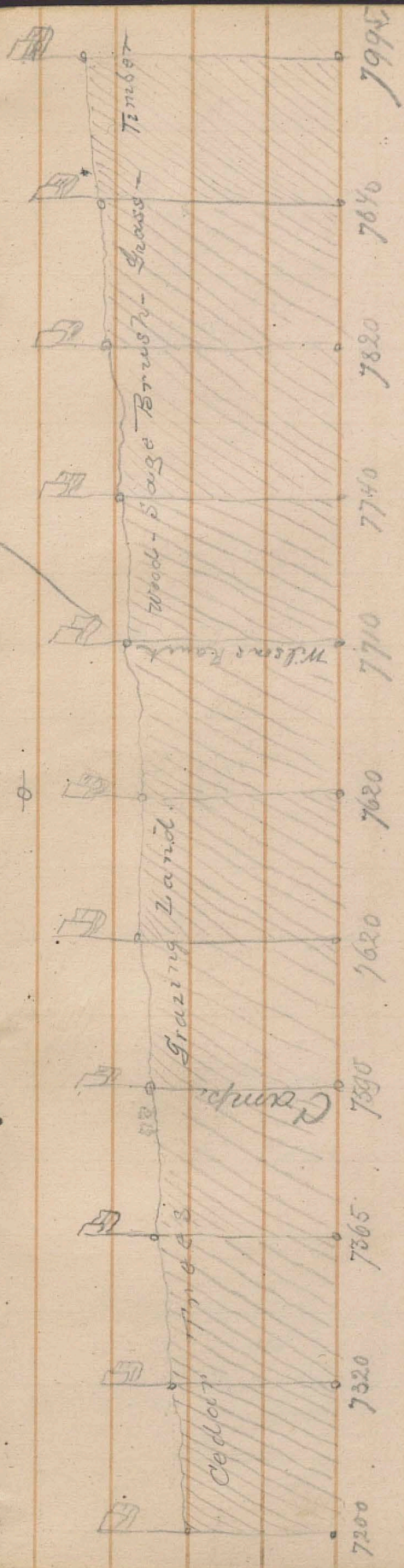
7200  
 7320  
 7365  
 - 7590  
 7620  
 7620  
 - 7710  
 7740  
 7820  
 7840  
 7995  
 7998  
 7998  
 8025  
 7980  
 7960  
 7955

Last Station, 1st Sep.

Camping Places

Wilson's Ranch, Creek Co.

Camp near Wilson's Ranch.



September 3<sup>rd</sup>

Camp at Wild Horse Creek Wilson Ranch.

Camp	Sept.	Time	Barometer	Thermometer
	7.	30.	23, 120	7980
1	7.	40	23, 060	8050
2	7.	45	23, 060	8050
3	7.	50.	23, 025	8100
4	7.	55	22, 975	8150
5	8.	-5	22, 920	8220
6	8.	10	22, 920	8220
7	8.	15	22, 915	8225
8	8.	20	22, 920	8220
9	8.	25	22, 900	8240
10	8.	30	22, 860	8290
11	8.	40.	22, 870	8260
12	8.	50	22, 865	8285
13	9	-	22, 860	8290
14	9	10	22, 840	8310
15	12	45	22, 860	8290
16	1	-	22, 825	8325
17	1	-5	22, 850	8300
18	1	25	22, 840	8310
19	1.	50.	22, 860	8290

Camp at Wild Horse Creek 4<sup>th</sup> 23. miles: 4 pm.

Good water and grass along the canyon.

Steepest & Rocky Road.

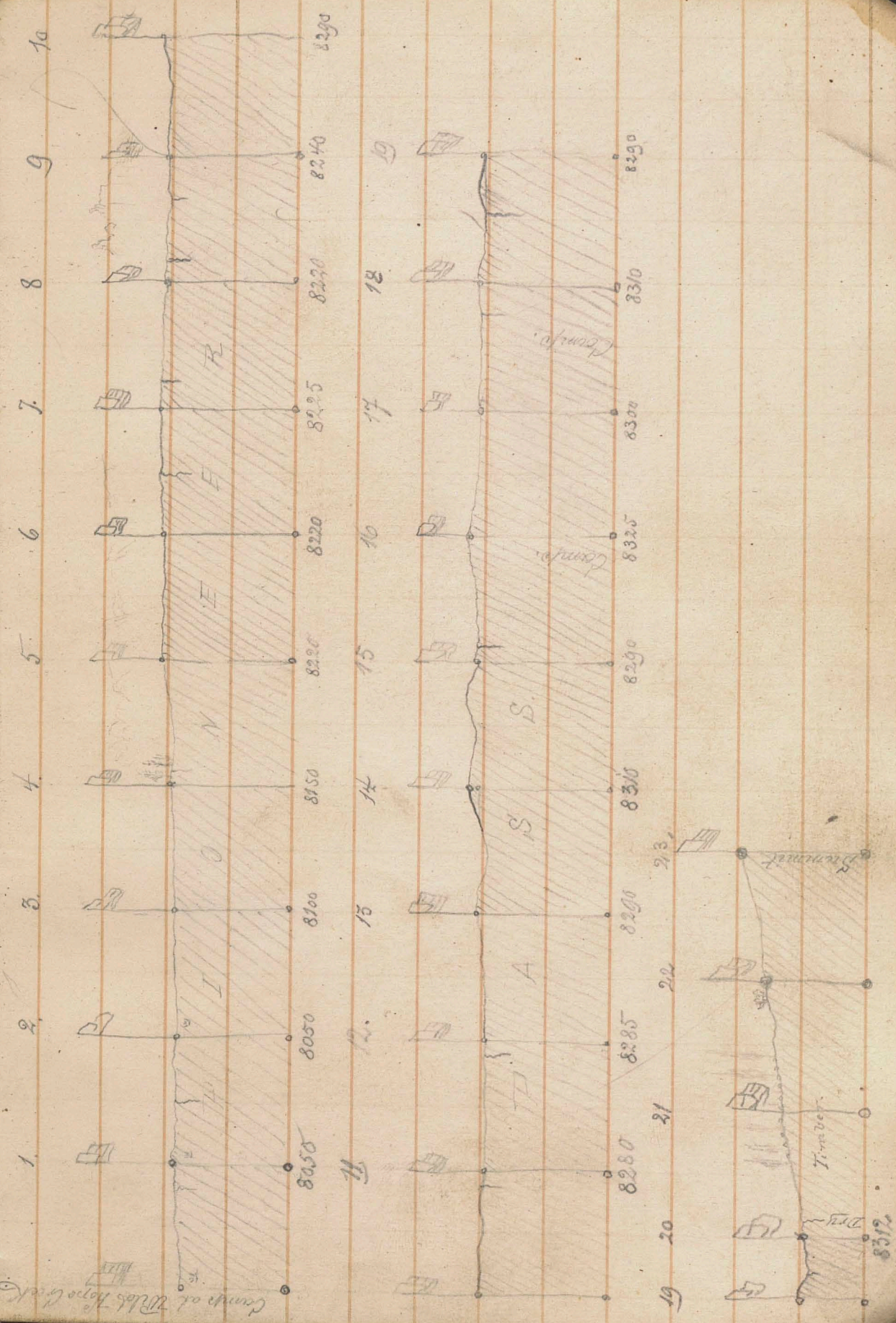
Timber. White Pine Trees  
STEEP ROAD.

20	9.	-	22, 840	8375
21	11.	45.	22, 842	8312
22	12	10.	22, 860	8290
23	12	15	22, 845	8350

Net. Obs<sup>d</sup> takers: B. 1566. see last page:

September 5<sup>th</sup>

Note. Aneroid ought to have been in disorder or some other mistake in this observations as stations 10 and Stat 21 show the same height, and but are in reality very different.



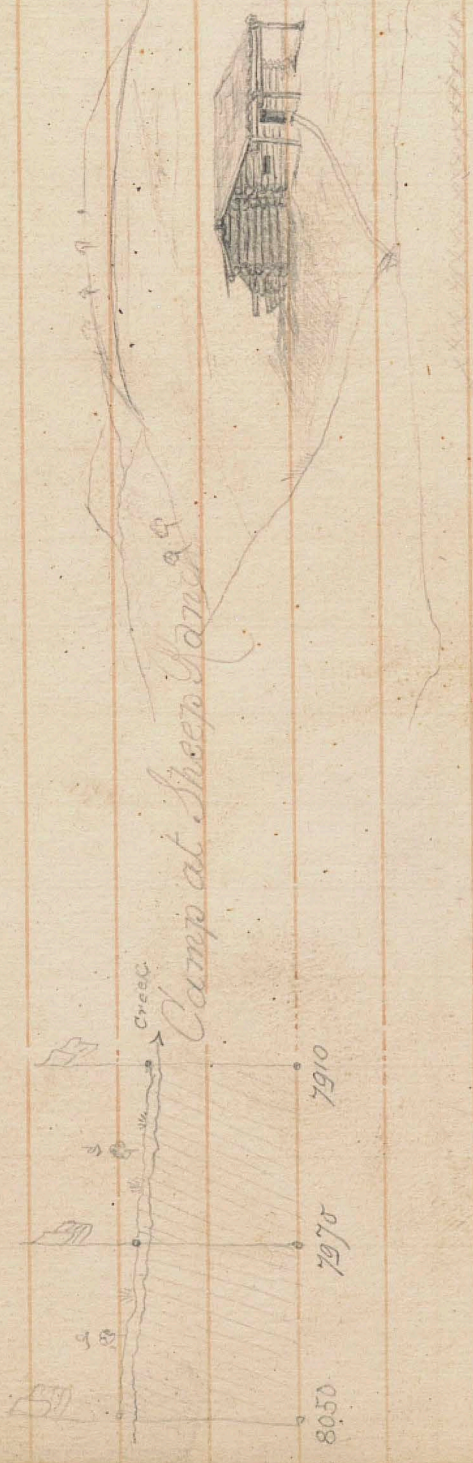
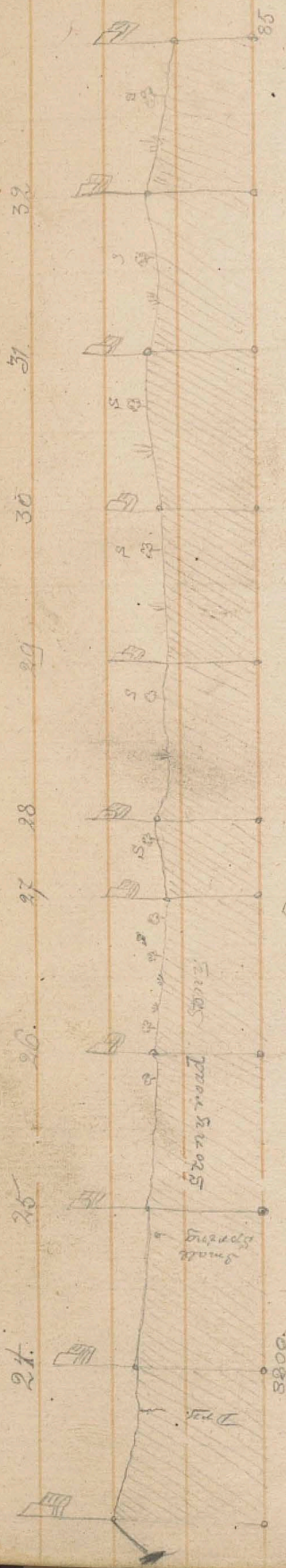
Summit.

24.	1.00	P.R.	22,855.	8300
25.	1.20			
26.	1.30			
27.	1.45			
28.	1.50			
29.	2.00			
30.	2.50			
31. <sup>8</sup>	2.10			
32. <sup>9</sup>	2.20			
33. <sup>10</sup>	2.45		23.010	8085
34. <sup>11</sup>	2.55		23.060	8050
35. <sup>12</sup>	3.00		23.130	7970
			23.180	7910
				7972
				838

Road stony, but principally good

Deserted House,  
Sheep Ranch

8300



Sept 6-69 Camp 7. Sheep Ranch,

Camp	Time	23	24
1	8. 00 a.m.	195	
	8. 10 "	260	
2	8. 40 "	310	
3	8. 45 "	390	
4	8. 55 "	430	
5	9. 00 "	448	
6	9. 05 "	428	
7	9. 10 "	410	
8	9. 15 "	430	
9	9. 25 "	478	
10	9. 45 "	465	
11	9. 55 "	485	
12	10. 10 "	610	
13	10. 20 "	715	
14	10. 35 "	740	
15	10. 50 "	795	
16	11. 00 "	790	
17	11. 30 "	850	
18	11. 55 "	905	
19	12. 05 "	935	
20	12. 20 "	955	
21	12. 55 "	955	
22	1. 10 "	995	
23	1. 25 "	010	
24	1. 50 "	035	
25	2. 25 "	044	
26	2. 50 "	080	
27	3. 10 "	080	

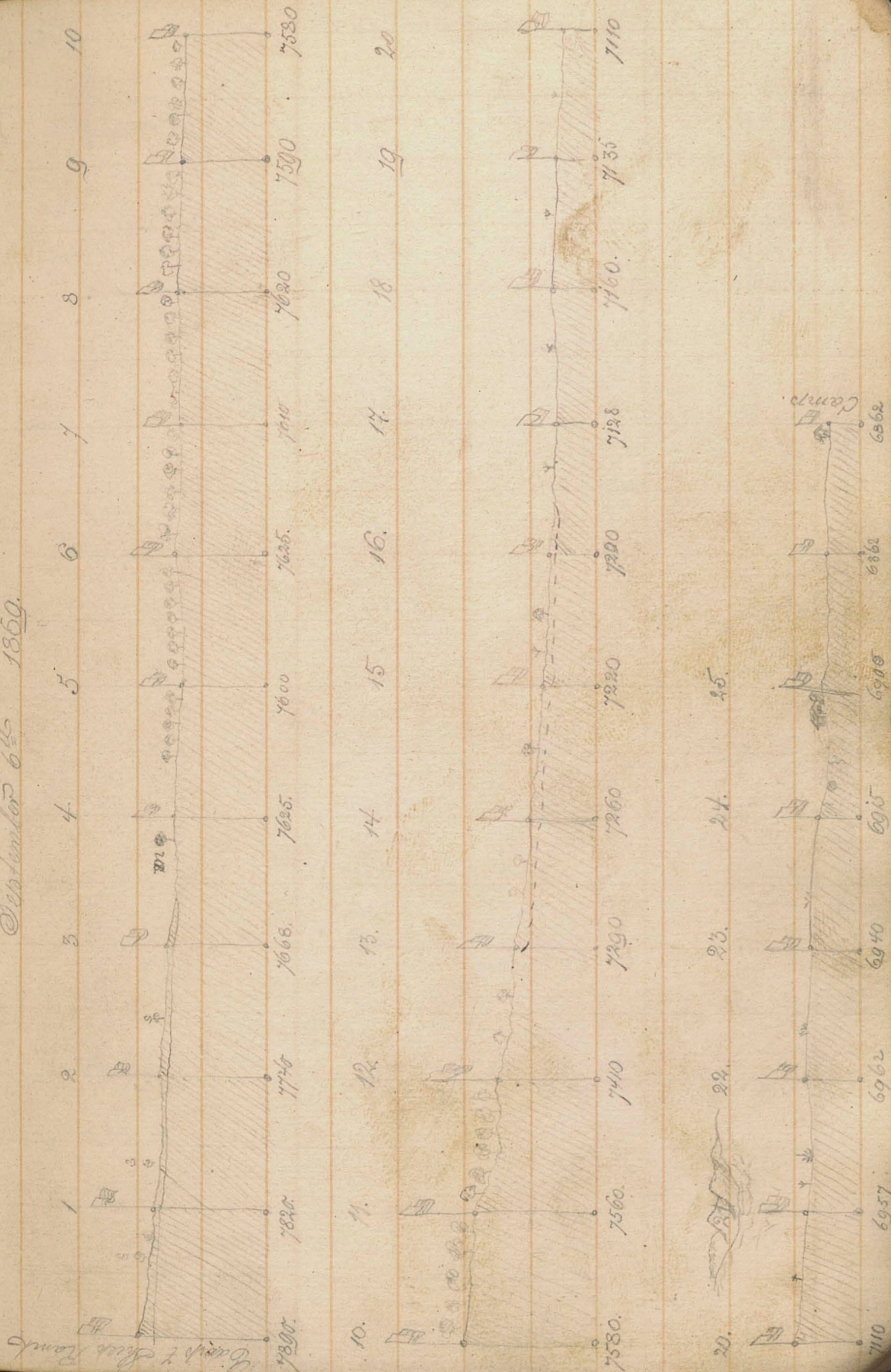
7890  
7820  
7740 v  
7668  
7625 v  
7600  
7625  
7610 v  
7620  
7590  
7580  
7560  
7410 v  
7290  
7260 v  
7220  
7200 v  
7128 v  
7160 v  
7135  
7110 v  
6957  
6962 v  
6940  
6915 v  
6900 v  
6862  
6860

Back Wood,  
Some Grass  
Rocky Road  
Cedar Trees  
Entrance to Valley  
Good Road  
Badge Brush  
Alkali  
Territory of Ward Co. & Good Water Spring  
Not man Forks  
Camp 8.

6860  
5821  
1039



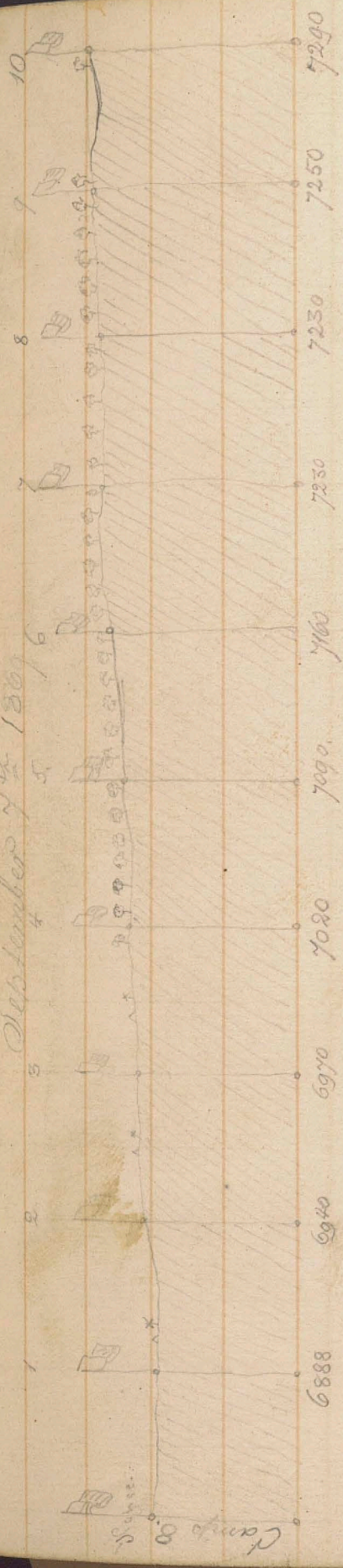
September 6<sup>th</sup> 1859.



Camps 8. Homer Cedar Valley Sept. 7<sup>th</sup> 1869.

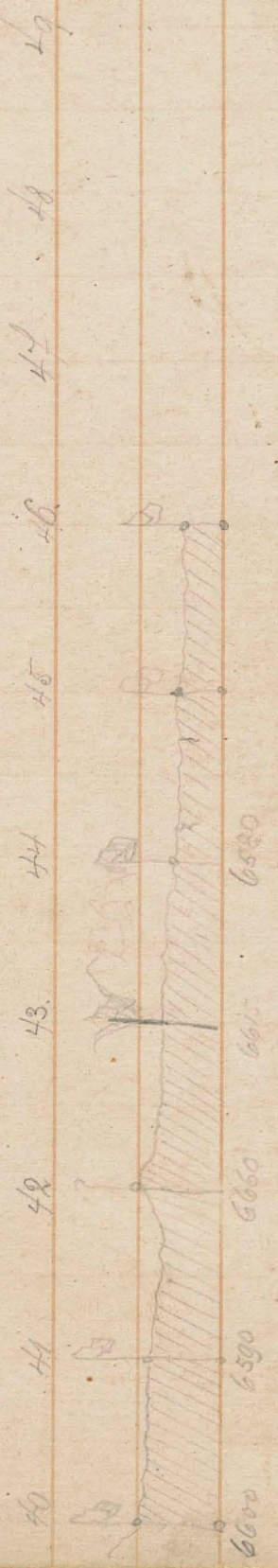
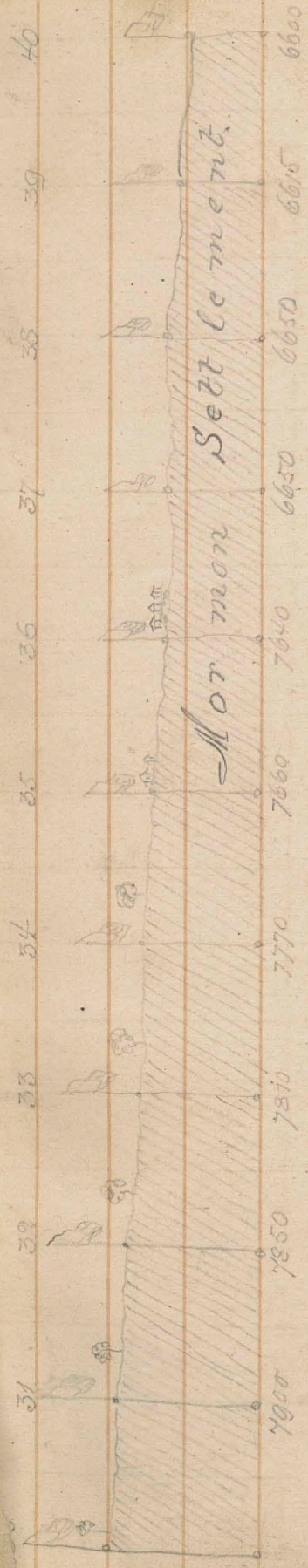
Camps	Time	Altitude	Temperature	Notes
	9 <sup>30</sup> A.M.	24 055.	68.90	
1	9 40 "	24 040	68.88	
2	9 50 "	24 010.	69.40	Turns off right of the Road.
3	9 55 "	23 985	69.70	
4	10 - "	23 940	70.20	Fork of Road. right
5	10 15 "	23 880	70.90	Fork of Road. left
6	10 20 "	23 820	71.60	
7	10 25 "	23 760	72.30 ✓	* Road trail again
8	10 30 "	23 760	72.30	
9	10 40 "	23 750	72.50	
10	10 50 "	23 710	72.90	
11	10 55 "	23 700	73.10 ✓	
12	11 - "	23 690	73.20	
13	11 15 "	23 662	73.50	
14	11 25 "	23 640	73.80 ✓	
15	11 50 "	23 490	75.50	
16	12. 05 "	23 570	75.00	
17	12. 15 "	570	74.50 ✓	
18	12. 25 "		74.20	
19	12 30		74.00	
20	12. 45.	23 650	73.60 ✓	
21	12 50	23 700	73.10	
22	1 "	23 720	72.80	
23	1 5.	23 725	72.75	
24	1 10	23 730	72.70	
25	1 15	23 720	72.60	
26	1 30	23 760	72.50 ✓	
27	1 40			
28	1 55	23 871	71.00	
29	2 -	23 900	70.60 ✓	
30	2 5	23 910.	70.50	

September 24 1869



30	2. 5	23 910	7050	
31	2 10	24.050	6900 ✓	
32	2. 20	24.090	6850	
33	2 35	24.130	6810	
34	2. 45	24.160	6770 ✓	
35	3. 00	24 270	6660	Ranch
36	3. 10	24. 280	6640 ✓	Fort.
37	3 30	24 270	6650	Superior
38	3 45	24 270	6650 ✓	Muron
39	4. 00	24.300	6615	Trobridge
40	4. 10	24. 312	6600 ✓	Superior
41	4 20	24. 320	6590 ✓	Muron.
42	4 30	24 260	6660	Entrance to Cairn Trobridge
43	4 35	24.300	6615	Pass. Superior
44	4. 40	24 330	6580	Muron River
45	5	24.350	6560	Trobridge
46	5 5	24 350	6560	Superior
47	5 10			cl.
48	5 20	24 400	6510	Muron
49	5 30	24 460	6440	Trobridge.
	Camps.			

Supplement 7 1869



6440  
 5401  
 ---  
 1039

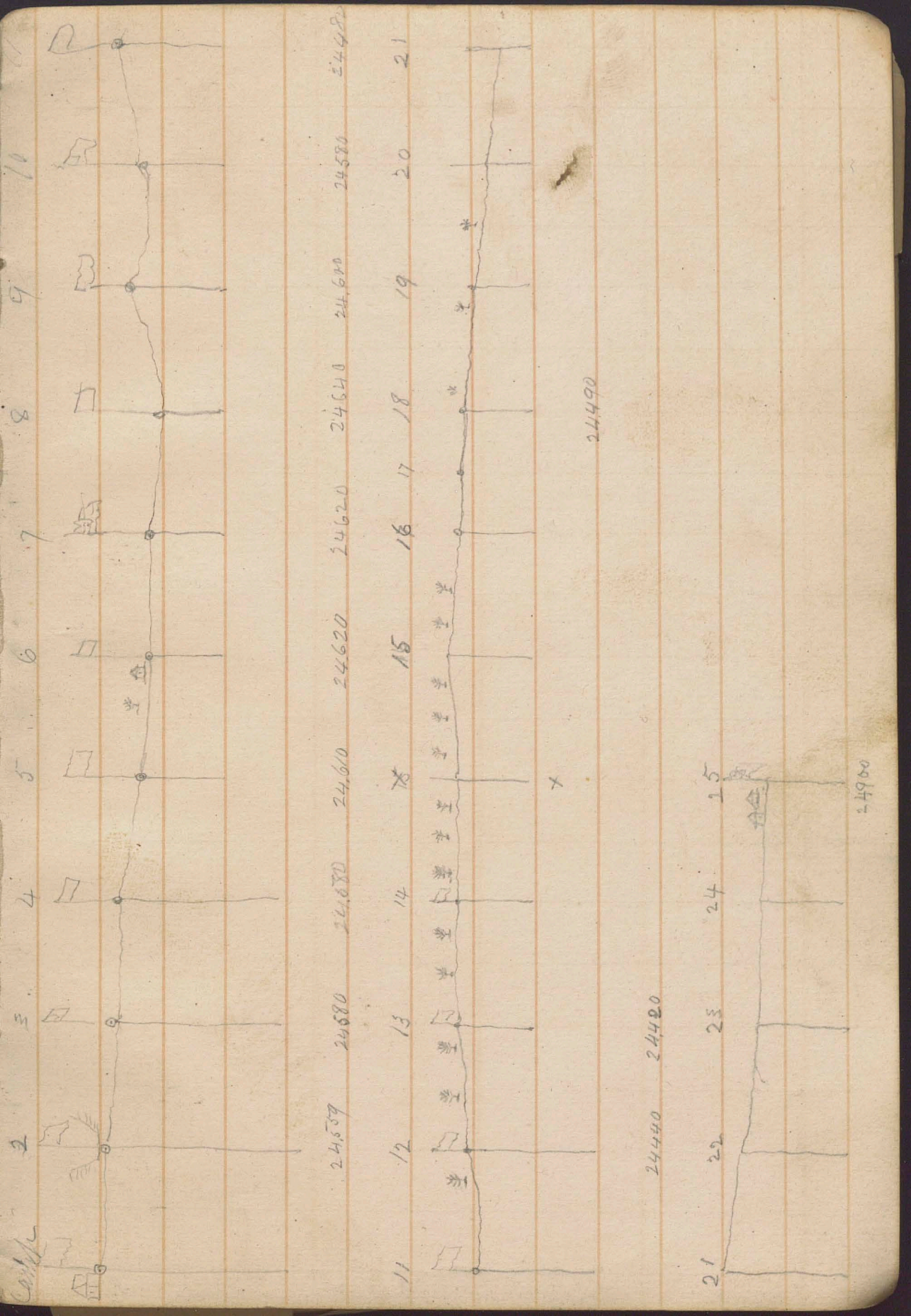
	Time	Reading		
Camp		24.490	6405	Camp Rose Valley
2	9.4"	24.559 <sub>5/9</sub>	6346	Canyon
3	9.13'	24.580	6335	
4	9.26'	24.580	6335	Dry Valley -
5	9.33'	24.610	6285	" "
6	10.16'	24.620	6275	Parrish Ranch
7	11.24"	24.620	6275	
8	11.34"	24.640	6255	Left Valley over the Hills to the left
9	11.44"	24.600	6300	Hill -
10	12.02"	24.580	6280	
11	12.50	24.480	6405	
12	1.4"	24.440	6460	
13	1.12'	24.420	6575	Cedar -
14	1.20'	24.410	6520	
15	1.25'	24.380	6540	
16	1.40'	24.440	6490	
17				
18	2.05'	24.490	6400	
19	2.40'	24.540	6350	
20	2.50	24.570	6320	
21	3.70'	24.660	25.4.15"	24.900
23	3.40	24.760		

24760  
24490  
270

6135  
62

90

Camp



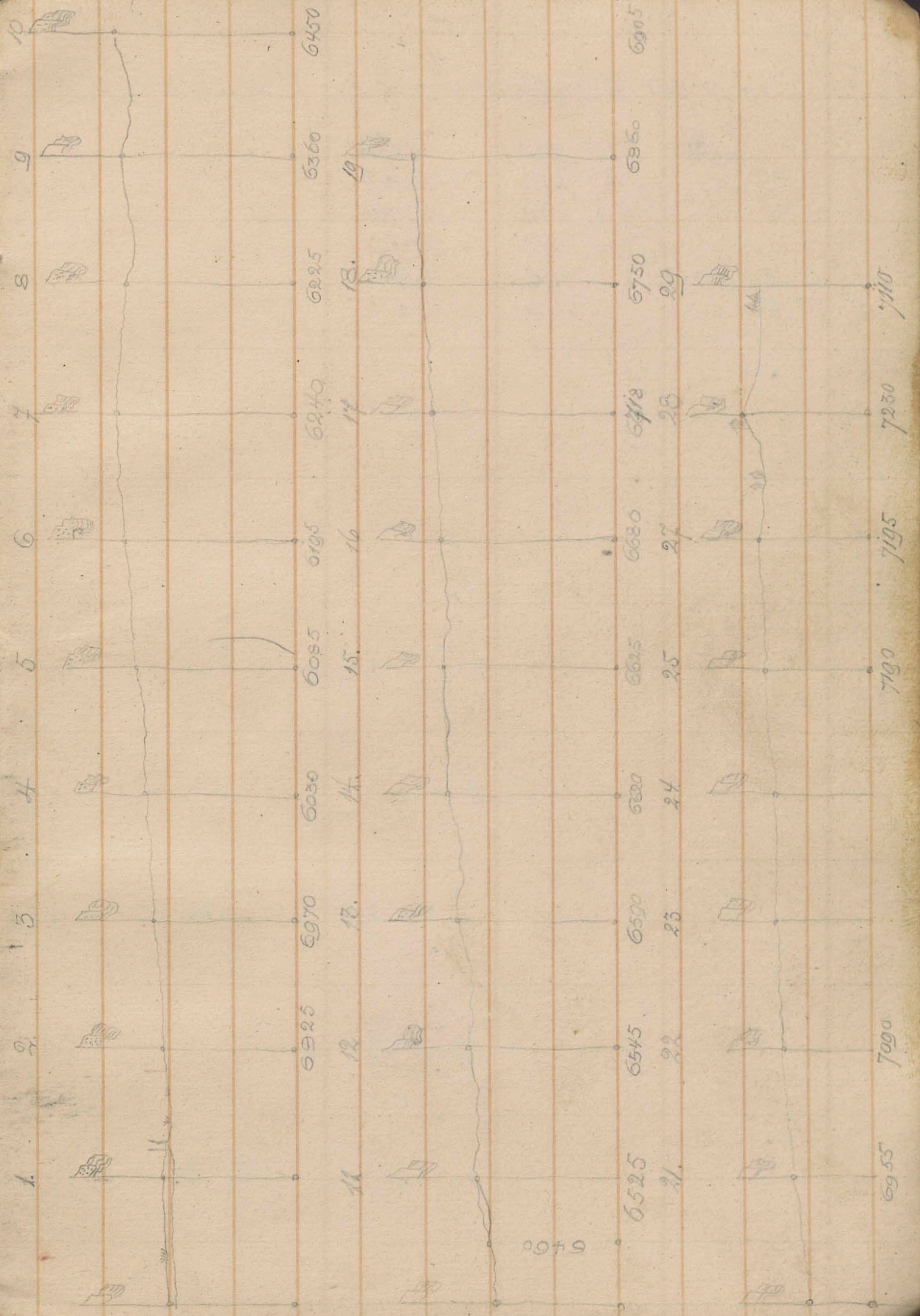
To Pinche Mines Ely District

Camp

	7	40	24.875	
1.	7	50	24.920	5980
2	8	10	24.875	5925
3	8	25	24.880	5970
4	8	40	24.830	6030
5	8	50	24.780	6085
6	9	-	24.680	6195
7	9	10	24.640	6240
8	9	15	24.650	6225
9	9	20	24.530	6360
10	9	25	24.450	6450
11	9	40	24.380	6525
12	10	-	24.360	6545
13	10	15	24.330	6590
14	10	20	24.300	6620
15	10	25	24.295	6625
16	10	30	24.240	6680
17	10	35	24.210	6718
18	10	40	24.180	6750
19	10	50	24.080	6860
20	10	55	24.040	6905
21	11	-	24.000	6955
22	11	-5	23.970	7090
23	11	20		
24	11	25		
25	11	30	23.880	7190
26	11	40	23.880	7195
27	12	20	23.770	7230
			23.870	7110

Cultivated land. -





Camp 10 Meadow Valley Sep: 11<sup>th</sup> 1869

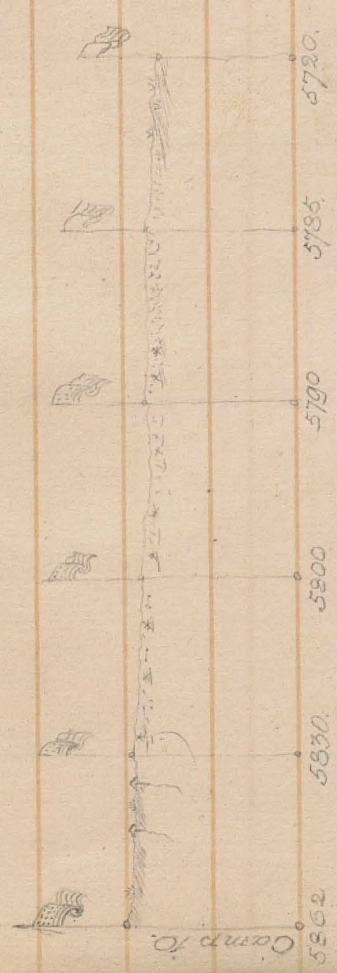
Camp.

Camp	Time	Altitude	Barometer
1	8:00 A.M.	24.980	5862
2	8:30	25.010	5830
3	8:40	" 038	5800
4	9:10	" 045	5790
5	9:40	" 050	5785
6	10:20	" 110	5720
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			

Return to Camp 10.

September 11<sup>th</sup> 1869

1 2 3 4 5

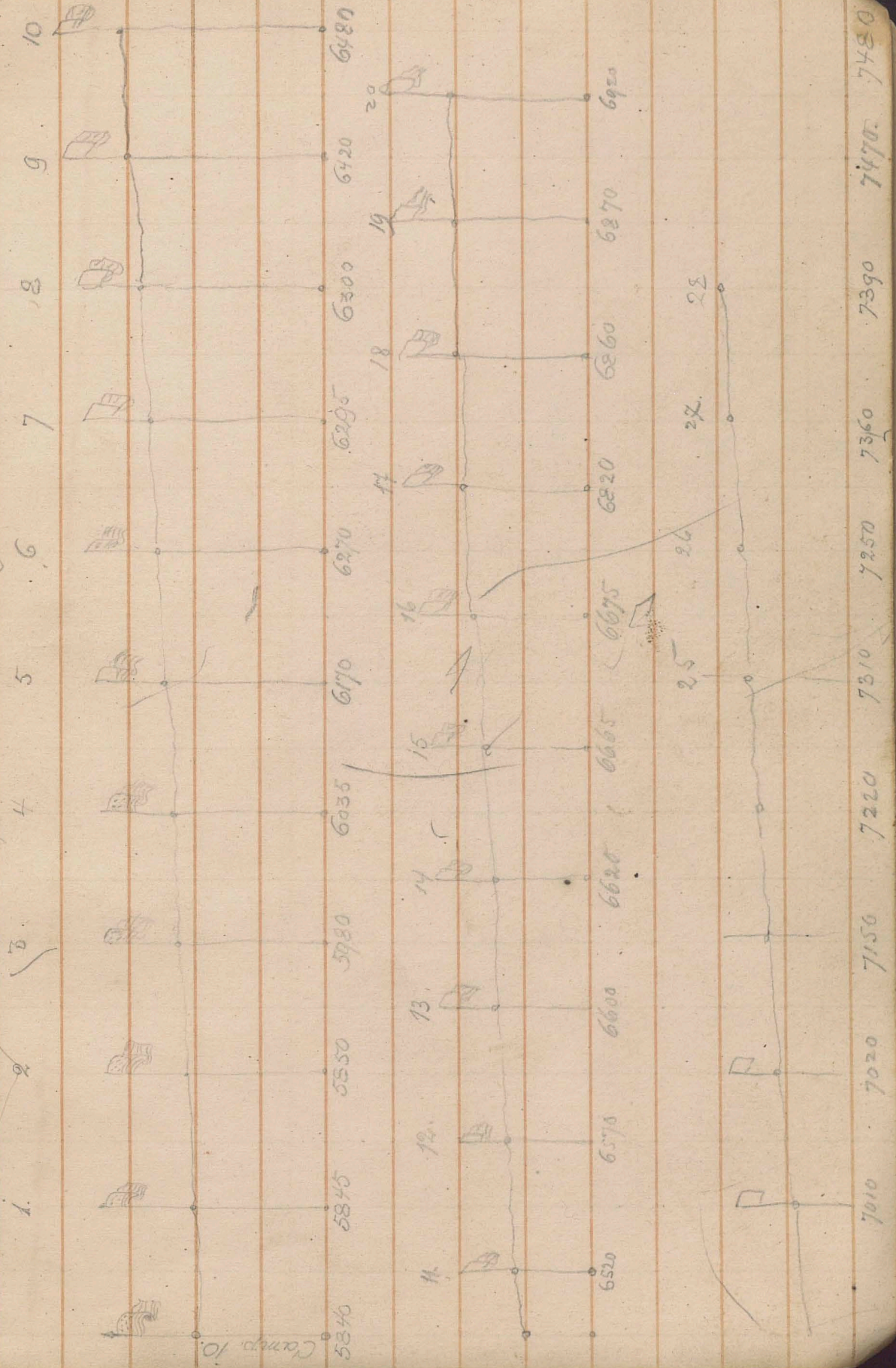


# Camp 10. Meadow Valley

Camp.	Time	25,000	5840	Notes
	7.00 A.M.	25,000	5840	below Funaka
1.	7.40	24,995	5845	
2.	7.42	24,990	5850 ✓	
3.	8.35	24,870	5920 ✓	
4.	8.55	24,825	6035	
5.	9.25	24,705	6170 ✓	
6.	9.45	24,610	6270	Ent. to Canon
7.	9.50	24,590	6295	
8.	10 -	24,585	6300 ✓	
9.	10 5	24,480	6420 ✓	Fork of Road
10.	10 20	24,420	6480	
11.	10 25	24,385	6520	
12.	10 30	24,340	6570 ✓	
13.	10 35	24,315	6600	
14.	10 40	24,300	6620	
15.	10 45	24,250	6665	
16.	10 50	24,240	6775 ✓	
17.	11 - 5	24,120	6820	
18.	11. 15	24,080	6860	
19.	11. 20	24,090	6870 ✓	
20.	11. 25	24,030	6920	
21.	11 30	23,950	7010	
22.	11. 35	23,960	7020 ✓	
23.	11 50	23,830	7150	
24.	12 -	23,770	7220	
25.	12 5	23,700	7310 ✓	
26.	12 10	23,660	7350	
27.	12 20	23,650	7360	
28.	12 40	23,630	7390	
29.	12 50	23,560	7470	
30.	12 55	23,550	7480	

5840.  
 4718  
 ---  
 1122

September 11<sup>th</sup> 1869



30

31

32 1 —  
00 1 25.

~~33~~  
33 1 40

34 1 55

35 2 5

36 2 15

37 2 25

38 2 35

39 2 45

40 2 50

41 3 —

42 3 25

43 3 40

~~44~~  
44 4 —

45

23 560

" 580

" 560

" 630

" 670

" 710

" 730

" 800

" 850

" 880

" 940

24 060

" 170

" 315

" 360

" 400

7470

7450

7470

7390

7340 v

7300 v

7270 v

7190 B

7130

7100 v

7090

6885

~~7760~~

7600

~~7545~~

6535

6545

6885

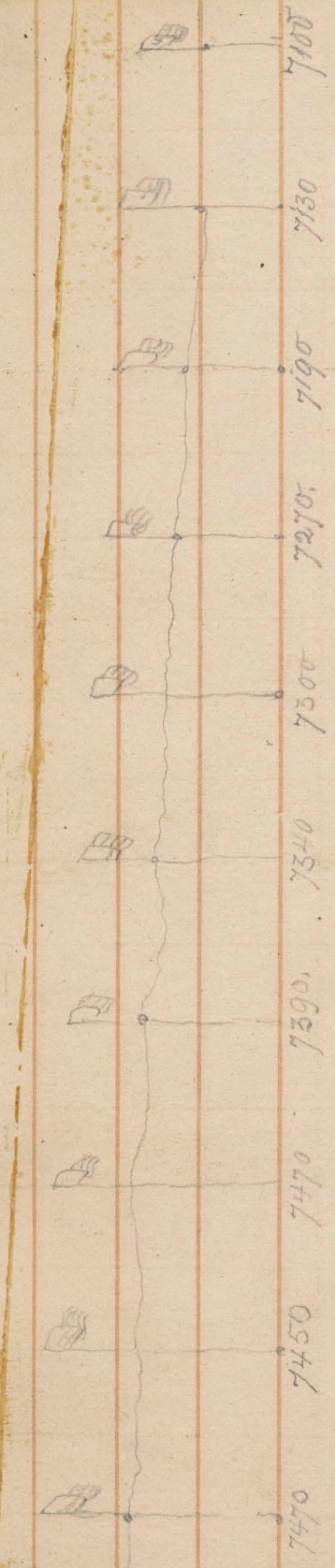
6760

6600

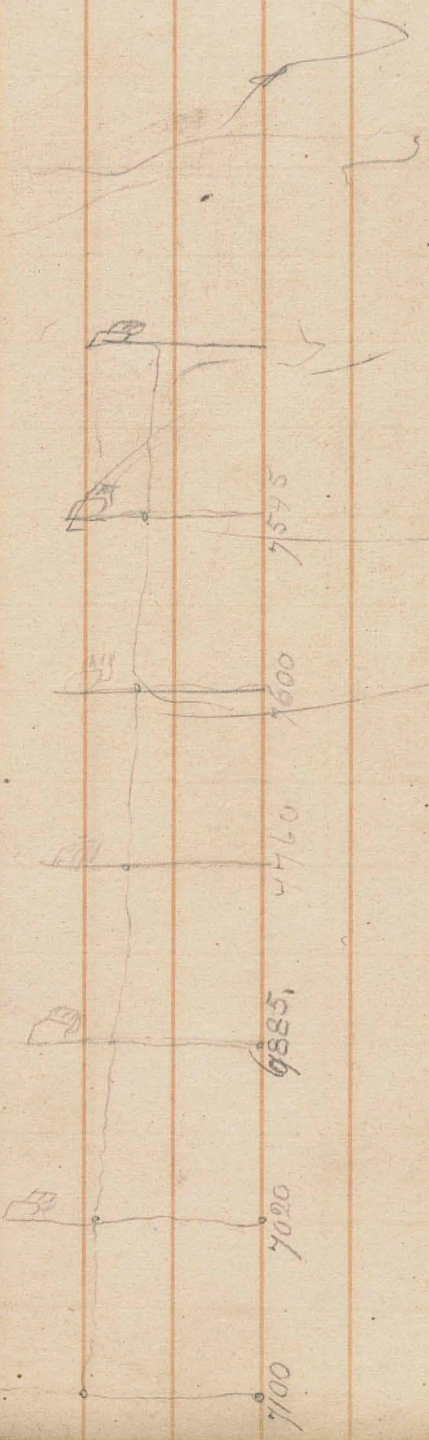
6545

6545  
4920  
—  
1625

31 32 33 34 35 36 37 38

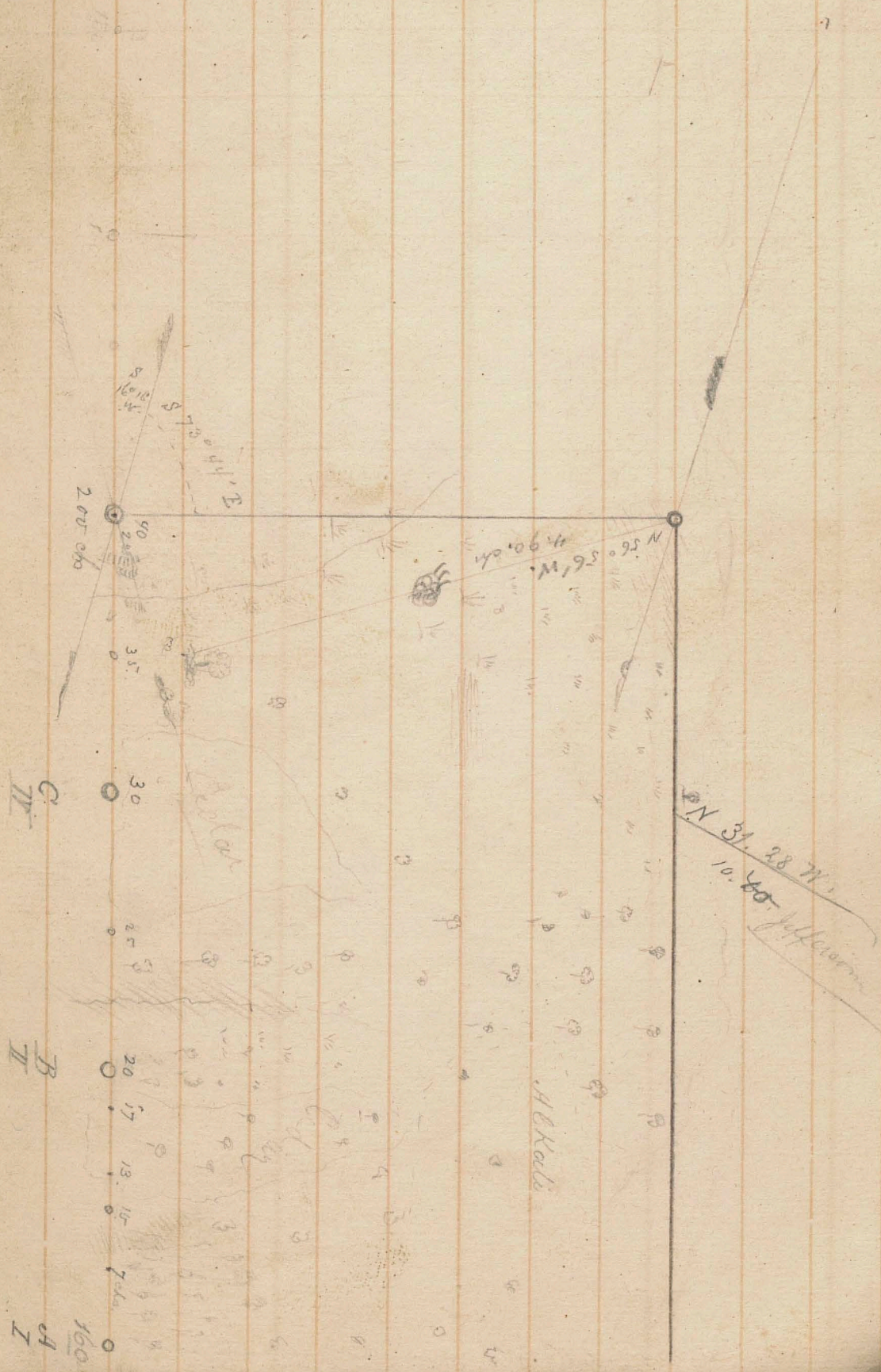


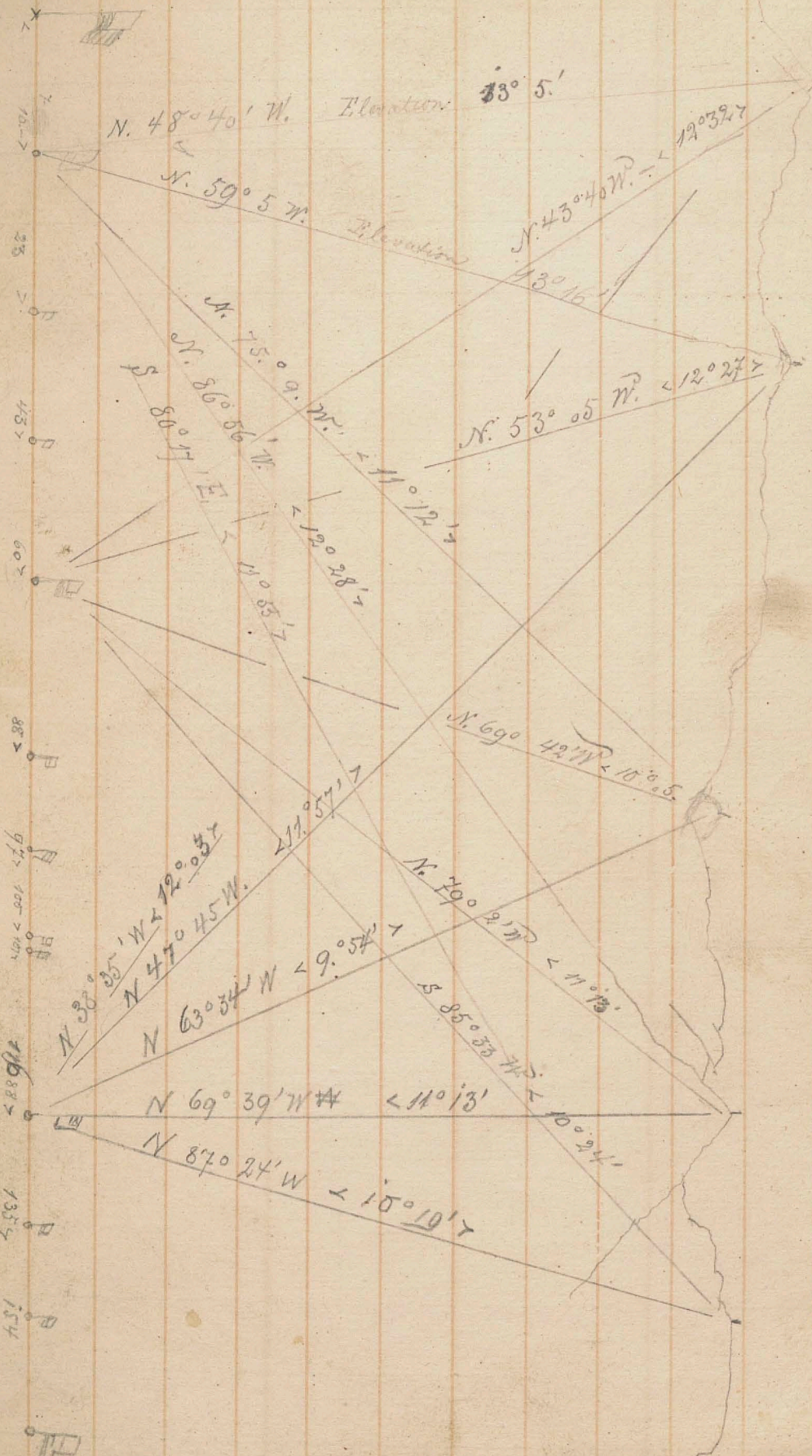
38 39 40 42 43 44











Baseline measured at Camp 5: near the base

base valley, station 13.75 =  
—

Camp:   
Date:   
Weather 16° 16' 13" 22"

August 13.75 =

Commenced at Point of View, near

base of Indian line, bearing from S. to S. 16° 16' 13" 22" E

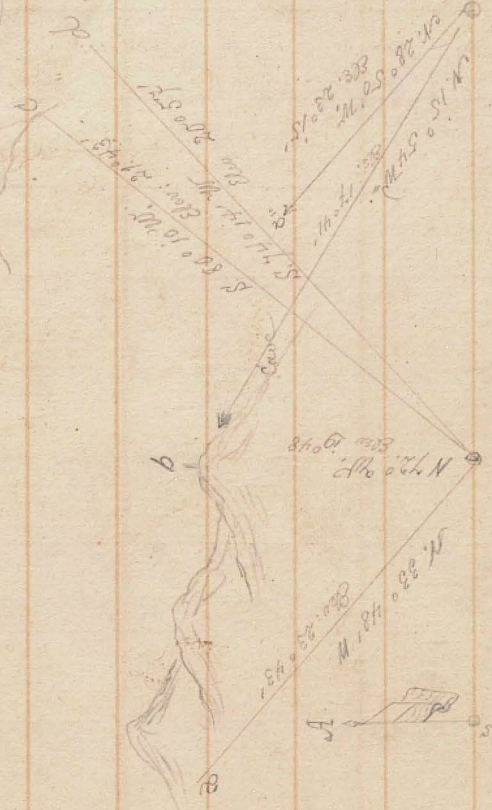
80 chains. —

Bearing from S. to S. 16° 16' 13.22" W. 80 chains —



To Point  $\alpha$  N.  $48^{\circ}15'W$ ,  $Dist. 25^{\circ}33'$

To Point  $\beta$  N.  $49^{\circ}16'W$ ,  $Dist. 24^{\circ}55'$



801  
60  
40  
20  
80  
60  
80  
80

Survey at Camp 4. Ice Creek August 7. 1869.

Long:                      Lat:                      Variation.

Point of Commencement - A. I. to Stat. B. S.  $16^{\circ}30'W$ . 16 ch.

" " " A I to St. B. foothills 6.25. chains  
Creek 8.25. chs, foothills

G. - Laid off a rectangle from A. - Southern  
A  $72^{\circ}30'W$ .  
2<sup>nd</sup> - measured Line A - C. 25 ch. Laid off rectangle the same  
distance, measured to C = 50 chains.

St. C. to D. S.  $16^{\circ}30'W$ . 16 ch. 2.25. chain Creek. Stat. C to 2. 35 chains

Bearing to Red Butte  $49^{\circ}30'W$ . C to T. 50. chains to Red Butte  $25^{\circ}30'W$ .

E to F. S.  $16^{\circ}30'W$ . 16 chains, 3 chains down hill, 3.50 foot of hill, Swamp

4.90. Main creek 5. - foothill.

Bearing Camp 4 to Tent  $78^{\circ}3'W$ .

F. to G.  $72^{\circ}30'$  50 chains, 1 to 1<sup>st</sup> 11. chains Bearing to Red Butte

S.  $15^{\circ}W$ . 2<sup>nd</sup> 18 chains Red Butte; S.  $6^{\circ}30'W$ . Tent; S.  $15^{\circ}45'E$ .

3<sup>rd</sup> 28 chs Red Butte S.  $3^{\circ}30'E$ . Corner Port A. 50 chains Red Butte

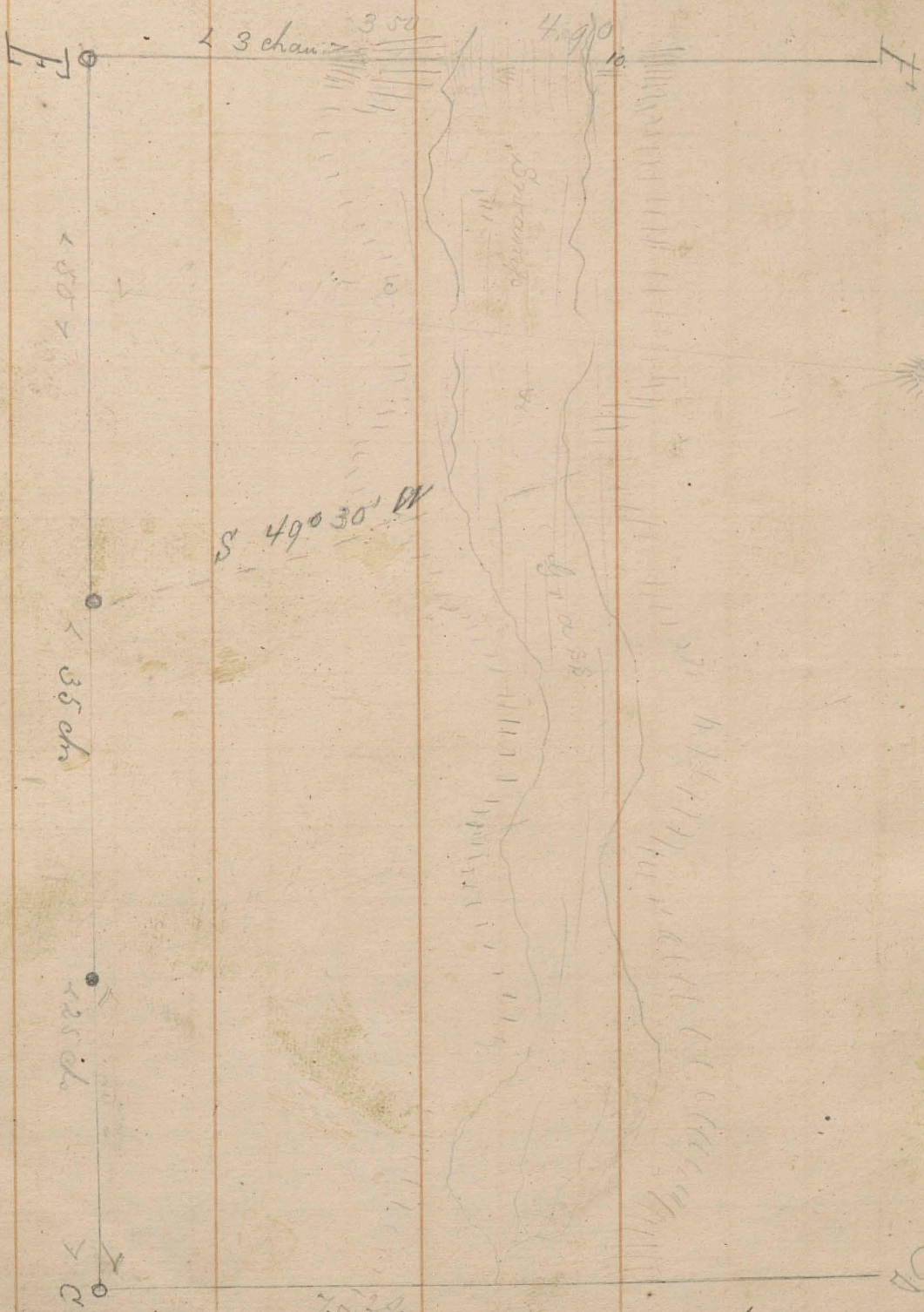
S.  $27^{\circ}28'E$  to Point 8. H. S.  $16^{\circ}30'W$ . 16 chains S.  $32^{\circ}30'E$ .

Red Butte





Stedman Beach



Buckingham

S 49° 30' W

350  
3 chan

490.30

350

350

490.30

490.30

2

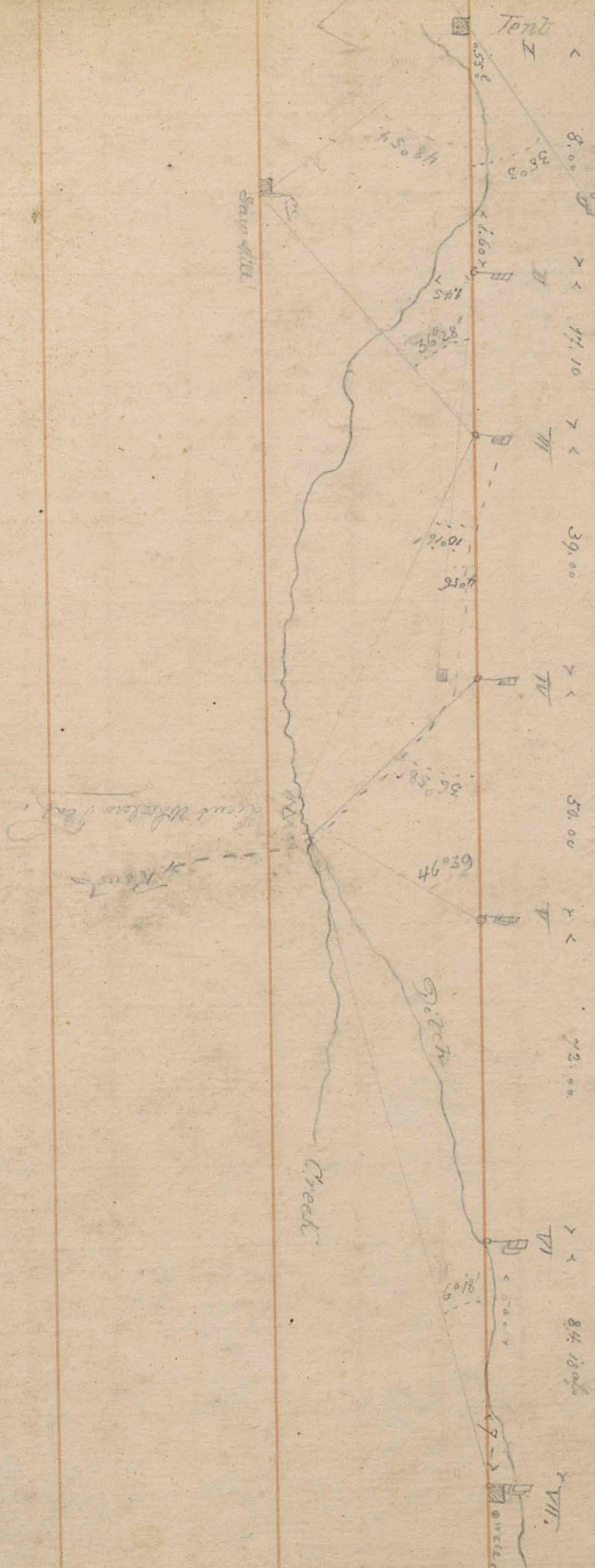




Bartholomew measured at Camp 3

August 4<sup>th</sup> 1869.

near General's Bay



1<sup>th</sup> September.

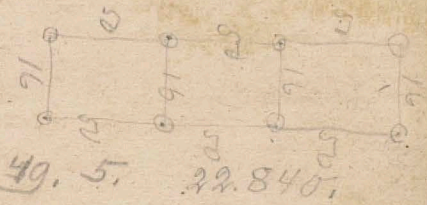
4 <sup>00</sup>	1566.	Thermtz		Udel Bull
	22, 275	73.5	68.-	59. 2.
4 <sup>15</sup>	22, 270	73 -	67.	58 -
4 <sup>30</sup>	22, 267	72. 2	66.	58. 8.
4 <sup>45</sup>	22, 262.	72 -	66.5.	52. 2.

10.74  
266

1/19 1/73.00

Comparison

7 <sup>00</sup>	1566.	M.B.		
	22.765.67.2.	22.780.62	64. 2.	
		<u>262</u>		
		518	S. I 65.3	



426

73  
56  
129

72  
56  
128 Fabr.

426<sup>00</sup>

22.

463  
23  
22 268  
1195

800

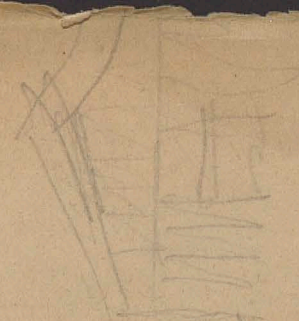
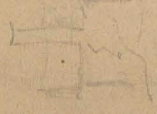
+9

1195

456  
521  
977  
488

40 x 20 = 800  
50 x 16 = 800







$$\begin{array}{r} 16 \\ 208 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 16 \\ 208 \\ \hline 13 \end{array}$$