

KG
11365
384



KG11365.384

Table of Distances

From Boston ~~By Boston Concord & Montreal R.R.~~

To Lake Winnepislogos (Winn)	~~106~~ --	106 miles
" Centre Harbor (by Steamboat)	10 ---	116 "
" Conway (by Stage)	30 ---	146 "
" N. Conway	5 ---	151 "
" Old Crawford's (David's)	18	169 "
" Willey House	6	175 "
" Crawford's House (Giles)	2	177 "
" McWashington House	5	182

From Boston

To Plymouth N.H.	5 --	124 miles
" Flume House	24 ---	148 "
" Franconia Notch	5	153 "
" Bethlehem	9	162
" McWashington House	13	175
" Crawford House	5	~~177~~ 180

From Boston ~~By Northern R.R.~~

To Wells River		182
" Littleton	20 ---	202
" Bethlehem	5 ---	207
" White Mountain Notch	17 ---	224
Bethlehem to Franconia Notch	88 ---	

Topographical Survey
of New Hampshire
1853

A A
OF THE
WHITE MOUNTAINS
NEW HAMPSHIRE

1853.

KG 11365.384



The following results were communicated by
 Prof. E. T. Durinby; - they are necessarily approximate
 and have not been verified in the office —

Morrisland	Lat. $44^{\circ} 01' 23''.07$	Long. $71^{\circ} 49' 54''.92$ ~~$72^{\circ} 06' 30''.49$~~
Whitewater	43 56 00.13	71 24 21.44
Lafayette	44 09 37.83	71 38 40.96
Cuba	43 53 07.59	72 01 26.41
Kearney	43 22 58.44	71 51 27.69
Tompsett	43 46 41.39	71 36 56.57
Cardigan	43 38 57.31	71 54 52.52
Black Mt.	43 54 00.51	71 29 54.35

Distances:	Morrisland to Black Mt.	296 55 15.9
"	" to Whitewater	286 06 37.2
"	" to Lafayette	224 24 29.9
"	" to Cuba	45 17 59.5
	Tompsett to Morrisland	147 31 26.2
	Morrisland to Tompsett	327 22 26.5

Distances.	Morrisland to Tompsett	32279.7
"	" to Whitewater	35597.1
"	" to Lafayette	21397.5
"	" to Cuba	21713.5
"	" to Black Mt.	30045.6

Angles from Kiarsarge

 $P_n = 8^{\circ}00'$

	Alt	alt	page
N. summit Pleasant Mt. - extends 1 or 2 further	2. 27		85
Kiarsarge Station 50 feet S. W. centre house			29.
Pleasant Mt. C. S. station	8.00'		29
Pleasant Mt. N. signal at end of obs. Sep. 21.	8.00'		89
50 feet S. W. of house P. n.	8.00'		85
P. s	10.18'		85
S. summit Pleasant Mt.	11.25'		85
Blackstrap	17.45' dep - 1.00'		31
Ossipee Hill	49.45' - 0.53'		29
Highest Green Hill range N.	55.20'		90
Second highest Green Hill range to S.	71.32'		90
3rd highest from N. Green Hill range	74.10'		90.
Last from N. Green Hill range	81.12'		90
Ossipee Mt. Top is wooded. nearer L. than P. n.	96.05' dep - 0.21'		29
N. Conway Academy. belfry.	99.40' - 7.11'		90
Mote S. runs towards Mt. W.	115.19' 2.56'		85
Chicorua S.	116.46' alt. 0.53'		85
Chicorua sends a long spur to S. E. one not so long to S. W.	116.48' - 0.03'		30
Chicorua N.	118.05'		85
whigs No. 2 of Aug. 8 th . More dist. than Whiteface range. (not 2 of Aug 8)	128.57' alt. 0.16'		86.
Whiteface	130.12' 0.24'		86
High Mt. more dist. than Chicorua, this side of a high range Du? if wooded. Du? Whiteface Aug. 18. 1862. The highest of Mote Mts. is 0.30' N. of this. There is a high and very dist. Mt. 1.0' S. W.			
? 13.15 of this. Du? If Moose Hillock	130.15' 0.16'		31.
Mote N.	130.29' - 0.06'		85
Very dist. just above N. W. slope of Whiteface (2 of Aug. 8 th)	131.11' 0.11'		86.
Saddle Mt. South	136.16' 0.11'		32
" " North.	136.55' 0.12'		32.
Saddle Mt. S? S.	136.13' 0.19'		87.
Saddle Mt. S? N. highest.	138.51' 0.20'		87.
Higher than Saddle Mt. 9 of Sep. 18 th .	138.33' 0.21'		87.
Range of Saddle Mt. higher than it.	138.37' 0.13'		32.
(Recognised as 13 of Sep. 18 th)	139.30' - 0.06'		87.

Angles from Hiarsarge

P₂ = 8° 00'

Az.

alt.

page.

a = 10 of Sep. 18th.

141° 11'

Too near Sawyer's Mt. to be 13. of Sep. 18th. Qu? if Bemis Mt.

148° 18' 0° 12' 32.

150° 49' 21.

Otter Creek. Inferior

S. summit
part of Sawyer's Mt.

154° 36' 49 - 0° 03 33.

Route to Notch.

155° 15' 39.

Very high and dist. Mt. Qu? Moose Hillock

157° 30' 33.

More dist. than Lafayette. Moose Hillock?

157° 50' 87.

Apparently more dist. than Otter (Sawyer's) Mt.

162° 00' 0° 18' 34.

157° 49' 54 1/2



Sawyer's Mt.

Sawyer's range. b lettered on Sep. 18th.

163° 41' 0° 37' 33.

158° 18' 0° 13' 88

c

159° 50' 0° 25' 88

d

161° 59' 0° 30' 88.

e Sawyer's

163° 39' 0° 45' 88.

f

165° 13' 0° 30' 88

g?

165° 55' 0° 15' 88.

h? perhaps a dist. Mt.

167° 52' 0° 19' 88

i

168° 06' 0° 14' 88.

k

170° 35' 0° 20' 88

l

171° 57' 0° 16' 88.

m is hidden

Lafayette S.

172° 37' = 38 alt: 0° 31' 88.

Franconia Mts. Lafayette

174° 23' 0° 24' 41.

" " Another peak.

172° 41' 0° 20' 41.

Lafayette N.

174° 22' 21. 0° 36' 88.

Twin Mts. S. end of range

174° 54' 0° 32' 88.

Far S. (S.W. Qu?) of Notch. [43 of P.s. recognised from Lafayette]

174° 56' 0° 23' 34.

From P.s. station

10° 18'

Qu? if what is called Twin Mt.

34.

Highest Twin Mt. N.

180° 19' 0° 35' 88.

Highest of Long range S. of Mt. Willard

180° 20' 0° 24' 35.

Twin Mt. further N. Willard Mt.?

182° 35' 0° 30' 88.

Mt. Willard (Willard Mt.)

182° 37' 0° 24' 35.

This is nearest S. of the Notch Mts. which is S. peak of Wht. Mts. proper.

35

Angles from Hiarsarge.

P. n = 8°. 00'.

A2. alt. page.

Notch Mt.	184°. 40', 0°. 30',	89.
The Notch Mt. S. most.	184°. 41', 0°. 21',	36.
" " " N. most	186°. 48', 0°. 22',	36
Elevation on Wht. Mt. range.	192°. 06', 0°. 14',	37.
Mt. Clinton ?	198°. 13', 0°. 23',	39
Elevation next S. Mt. Pleasant.	201°. 04', 0°. 25',	38.
Mt. Pleas. summit is clouded. 30P	202°. 30', 0°. 47',	30.
Mt. Pleasant.	202°. 33', 0°. 47',	34.
Mt. Pleasant.	202°. 35', 0°. 34.	89.
 part of Munroe ?	x 208°. 03', 1°. 05',	39.
Wht. Mts.	208°. 40', 1°. 13',	38.
Very precipitous. Near or part of Mt. W. On this are the great slides	212°. 02', 1°. 26',	36.
Stair Mt. ?		36
Mt. Washington	213°. 55', 2°. 00',	89.
Mt. W. in clouds	214°. 03', 1°. 50',	41.
" " again nearly clear. mag. 149°	213°. 51', 1°. 50',	41.
Mt. Adams	222°. 45', 1°. 26',	38.
" " 	222°. 55', 1°. 16',	36
High N. of Mt. W. One of Wht. Mts.	225°. 53', 1°. 00',	31.
S. W. side of Pinkham ? notch : N. slope sudden	229°. 25', 0°. 50',	37.
Mt. Carter. (46)	229°. 30', 0°. 55',	89.
Doublehead S.	230°. 50',	90.
" N.	233°. 50',	90.
" S.	230°. 49', dep. - 1°. 05',	
" N.	233°. 45', - 0°. 42',	
Black Mt. (45.)	235°. 37', 1°. 19',	89.
High & dist. Carter Mt. ?	235°. 39', 1°. 12',	37.
Middle summit Black Mts. (50)	238°. 28', 1°. 07',	89
End of Blk. Mt. range. (51)	242°. 35', 1°. 07',	89.
Commencement of new range. (52)	249°. 40',	89.
Baldface.	261°. 40', 0°. 20',	90

Angles from P.n

 $K = 111^{\circ} 10'$

Alt. page.

Station $4\frac{1}{2}$ feet N. 6° W of C. I. signal
 S. summit but one of Pleasant Mt.

63.

 $8^{\circ} 28' - 2^{\circ} 01'$

P. s. bears

 $9^{\circ} 18'$ 77.

k

 $26^{\circ} 35'$ 79.

P. s.

 $28^{\circ} 03'$ 79.

S. W. summit

 $20^{\circ} 58' - 1^{\circ} 28'$ 67.

Gun stock. do not see the C. I. signal

 $37^{\circ} 16' - 0^{\circ} 09'$ 19.

Ossipee Mts. Highest

 $48^{\circ} 29' - 0^{\circ} 09'$ 19.

Pretty high. Much beyond Chicorua. 2 summits

 $74^{\circ} 53' 0^{\circ} 27'$ 65.

Dist Mt. S. of Chicorua, with 2 summits. High.

N. $74^{\circ} 58'$ 6." " " " seen on Centre Harbor road. S. W. of Whiteface, S. $74^{\circ} 50' 0^{\circ} 20'$ 6.

Dist. Mt. summit beyond and S. of Chicorua

 $75^{\circ} 06'$ 80.

Chicorua

 $78^{\circ} 47' 0^{\circ} 40'$ 64.

Chicorua P.n There is no intermediate Mt.

 $78^{\circ} 45' 0^{\circ} 32'$ 6.

Chicorua

 $76^{\circ} 45'$ 77.

Chicorua. N. peak

 $78^{\circ} 41'$ ~~$854^{\circ} 24'$~~ 80

Whiteface. higher & more dist. than Chic.

 $77^{\circ} 14' + 0^{\circ} 43'$ 64.

Whiteface N. Higher than Whiteface. S. dist. 2 or 3 miles

 $77^{\circ} 14' 0^{\circ} 35'$ 6

More dist. range than Whiteface. N. most. is highest of two.

S. $80^{\circ} 54' 0^{\circ} 31'$ 7

A

N. $81^{\circ} 26' 0^{\circ} 32'$

Another still higher

 $82^{\circ} 30' 0^{\circ} 32'$ 7.

Lower or more dist.

 $84^{\circ} 08' 0^{\circ} 20'$ 7.

Saddle Mt. range. (a) of P. s.

 $84^{\circ} 13'$ 80 ~~$859^{\circ} 56'$~~

Saddle Mt. is part of a more dist. range, than Whiteface

 $86^{\circ} 35' 0^{\circ} 27'$ 64.

High and dist. Same range with prec. slopes steepest to S.

 $86^{\circ} 35' 0^{\circ} 27'$ 7.

Very high & dist. May be Moose Hillock (no) or part of Saddle Mt. group.

 $86^{\circ} 36' 0^{\circ} 34'$ 65.

Mote Mt. S.

S. $87^{\circ} 23'$ 80 ~~$88^{\circ} 08'$~~

Mote Mt. N. highest

 $90^{\circ} 45'$ 80 ~~$88^{\circ} 28'$~~

S. and lowest of Green hills

 $87^{\circ} 50'$ 81 ~~$88^{\circ} 33'$~~

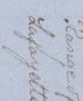
Next. of Green hills.

 $93^{\circ} 51'$ ~~$86^{\circ} 54'$~~ 81.

Angles from P. 2.

K = 111° 10'

A₂ alt. page

No. 3 of Green hills.	92° 14'	81.
" " " "	~~70° 57'~~	
" 5 " " "		
" " " " "	~~140° 29'~~	81
" 6 " " "		81.
" " " " "	~~190° 08'~~	
Higher Mt. between Mote and Sawyer's. nearer Mote. good	92° 42'	80
" " " " " " " "	8° 25'	"
Green Hill range as numbered from P. 4.		
No 1. 4° 40'	88° 57'	80
2 - 6° 30'	90° 47'	80
6 - 20° 05'	104° 22'	80.
A dist. range. Du? of Franconia Mts. A saddle.	S. 94° 55', 0° 33'	8.
" " " " " " " "	N. 95° 24', 0° 33'	
Higher than Saddle	96° 04', 0° 35'	8.
Du? if Lafayette. It has a curious cleft a little N. of its summit.	97° 50', 0° 44'	8.
Same Mt. C. peak.  N. peak, which is much lower.	98° 44', 0° 34'	9.
Commencement of a more dist. range	100° 0', 0° 25'	9.
i of Sawyer's range	100° 36'	
" " " " "	~~16° 19'~~	
Curious sugar loaf shaped, but lower than the range beyond.	100° 42', 0° 24'	9.
Range of Lafayette	101° 04', 0° 35'	64.
Same dist range	101° 07', 0° 30'	9.
Same range, nearer Mt. in same dir.  Range of Lafayette	102° 11', 0° 34'	9
" " " " " " " "	nearer Mt. alt. 0° 30'	
Lafayette 	102° 12', 0° 39'	64.
Very high summit S. of Kiarsarge, and apparently very dist. Du? if Lafayette.	109° 21', 0° 35'	10
Notch Mts?  Kiarsarge		
Notch Mt. or perhaps Mt. Crawford.	109° 21', 0° 38'	66.
House on Kiarsarge.	111° 12'	65.
Station " "	111° 10', 0° 54'	65.

Angles from P. n.

$K = 111^{\circ} 10'$

Az. alt. page.

Angles from S. station repeated. N.B. There seems to be a difference of $3''$ or $4''$ between these results for 18^{th} & 20^{th} . See page 51

79.

Sept. 18th.

Sept. 20th.

a	$22^{\circ} 42'$ ill defined	$22^{\circ} 50'$	$23^{\circ} 52'$	$106^{\circ} 59'$
B	$24^{\circ} 03'$	$24^{\circ} 36'$		$108^{\circ} 50'$
z	$26^{\circ} 31'$	$26^{\circ} 35'$		$110^{\circ} 48'$
D	$29^{\circ} 41'$ ill defined	$29^{\circ} 46'$		$113^{\circ} 58'$
E	$33^{\circ} 44'$ good.			$118^{\circ} 01'$
G	$34^{\circ} 49'$ "			$119^{\circ} 06'$
Y	$36^{\circ} 55'$ rather doubtful.	Sept. 18 th .	Sept. 20	$121^{\circ} 12'$
end of range.	$40^{\circ} 30'$ " "	$K. 26^{\circ} 55'$	$26^{\circ} 59'$	$124^{\circ} 47'$

79.

Doublehead just in a line with precipice on Wht. Mts. (Munroe.)

67.

Station on Liarsarge.

$111^{\circ} 09'$

10

House " "

$111^{\circ} 11'$

10

Qu? If Mt. Crawford. Range gradually rising to the N. all the way to Mt. W. $113^{\circ} 14'$ $0^{\circ} 34'$ 10.

Qu? if Mt. Clinton. Very little interruption of ascent to Mt. Pleasant. $116^{\circ} 24'$ $0^{\circ} 29'$ 10.

Mt. Pleasant. $118^{\circ} 41'$ $0^{\circ} 51'$ 66.

" " $118^{\circ} 44'$ $0^{\circ} 48'$ 11.

Qu? if next of Wht. Mts. to Mt. Pleasant. $120^{\circ} 08'$ $0^{\circ} 52'$ 11.

Doublehead S.

$120^{\circ} 16'$

81

" " ~~$125^{\circ} 59'$~~

" N.

$121^{\circ} 37'$

81

" "

~~$127^{\circ} 20'$~~

Doublehead S.

$120^{\circ} 21'$ $0^{\circ} 30'$ 15

" N.

$121^{\circ} 43'$ $0^{\circ} 30'$ 15

Qu? If Franklin or Munroe. It is a precipitous summit between half way between Mt. Pleasant & Mt. Washington. $121^{\circ} 25'$ $1^{\circ} 01'$ 11.

Next summit to the precipice $121^{\circ} 45'$ $1^{\circ} 05'$ 11.

Next to Mt. W. $122^{\circ} 59'$ $1^{\circ} 13'$ 12.

Mt. W. $124^{\circ} 27'$ $1^{\circ} 24'$ 64.

Mt. W. $124^{\circ} 28'$ $1^{\circ} 27'$ 66.

Mt. W. $124^{\circ} 27'$ 17

" " magnetic bearing = $315^{\circ} 30'$ 17.

Angles from P. n

 $K = 111^{\circ} 10'$

Az alt. page.

Sep. 18 th . 5.14 A.M. Mt. W. $124^{\circ} 27'$ Polaris $177^{\circ} 26'$ Polaris az. $1^{\circ} 49'$ 1/2 w of N. Obs. for az. of Mt. Washington.		63.
Mt. Washington	$124^{\circ} 29'$ $1^{\circ} 25'$	12
" " at beginning of obs.	$124^{\circ} 27'$	12.
Mt. W. N. of Kearsarge house true North	$13^{\circ} 17'$	226
" " w of "	$54^{\circ} 50'$	226.
Mt. W. w of true North	$54^{\circ} 50'$	227.
Station on R. North of R. station. $2^{\circ} 20'$	$125^{\circ} 17'$ $1^{\circ} 11'$	226
First elevation N. of Mt. W.	$125^{\circ} 07'$ $12^{\circ} 22'$	13.
Second elevation N. of Mt. W. falls suddenly on the N. slope.	$126^{\circ} 09'$ $1^{\circ} 15'$	13.
3rd " " " "	$126^{\circ} 25'$ $1^{\circ} 04'$	13.
May be a Mt. distinct from the spurs of Mt. W. This must be beyond Mt. W. It has a marked cleft summit, like that taken for Lafayette. (but not it probably) and somewhat like Kearsarge.	$127^{\circ} 13'$ $1^{\circ} 08'$	13.
Patch of snow on Mt. W.	$127^{\circ} 44'$ $0^{\circ} 36'$	14.
Height & Carter	$129^{\circ} 40'$ $0^{\circ} 57'$	66.
Mt. Carter.	$139^{\circ} 34'$	81.
" "	~~$45^{\circ} 17'$~~	
Mt. Adams.	$130^{\circ} 22'$ $1^{\circ} 10'$	66.
A fine peak N. of Mt. W. Very high and bold; inferior only to Mt. W. N. side rugged and precipitous	$130^{\circ} 21'$ $1^{\circ} 11'$	14.
N. end of Pinkham notch.	$131^{\circ} 00'$	81
" " " "	~~$46^{\circ} 45'$~~	
Black Mt.	$133^{\circ} 24'$	81
" "	~~$48^{\circ} 07'$~~	
(a) Mountain which cuts off the above. Much nearer.	$132^{\circ} 34'$ $1^{\circ} 10'$	14.
Very high; rounded top. Black Mt?	$132^{\circ} 25'$ $1^{\circ} 11'$	66.
2 nd Summit Black Mts. East.	$134^{\circ} 02'$	81.
" " " "	~~$49^{\circ} 45'$~~	
Part of range marked (a)	$134^{\circ} 08'$ $1^{\circ} 06'$	14.
Baldface. Below Black Mts.	$137^{\circ} 19'$	81.
No Mt. between us & Kears. or Baldface.	~~$53^{\circ} 02'$~~	
Due? if Baldface.	$137^{\circ} 14'$ $0^{\circ} 51'$	66.
Range of (a)	$138^{\circ} 35'$ $0^{\circ} 55'$	16.
" " " A rounded summit descends suddenly.	" "	16.
E. end of Black Mt. range.	$138^{\circ} 41'$	81.
	~~$54^{\circ} 24'$~~	

p. 65.

Angles from P.n.

$K = 111^{\circ} 10'$ A_2 alt. page.

Commencement of a new range, or continuation of (a)	$143^{\circ} 54'$ $0^{\circ} 43'$	17.
This range seems nearer than Wht. Mts.	$148^{\circ} 07'$ $0^{\circ} 35'$	17.
Very high and dist.	$169^{\circ} 25'$ $0^{\circ} 24'$	20.
Very high and dist. Mt. Gare.	$173^{\circ} 26'$ $0^{\circ} 18'$	20.
Very high. White patches like snow. Du? if Sebattis.	$174^{\circ} 18'$ $0^{\circ} 19'$	21.
Took nearly horizontal to $174^{\circ} 21'$ Conspicuous. 2° W. of true North		21.
N. summit of Pleasant Mt.	$180^{\circ} 40'$ $0^{\circ} 55'$	67.
Blackstrap	$305^{\circ} 25'$ $0^{\circ} 39'$	20.
Observatory, Portland,	$310^{\circ} 00'$ $0^{\circ} 46'$	12.
Ossipee Hill.	mag. bearing 182° $351^{\circ} 21'$ $0^{\circ} 28'$	23.

Base on Pleasant Mt. 3234 feet. Conway base gives 3153.

Verification base, 3143 feet, indicating an error of 100 feet in measuring. P.s is not the S.W. end of Pleasant Mt. but that next S. of the hotel.

Angles from P.S.

 $\kappa = 29^{\circ} 07'$

Alt. alt. page.

S. summit - Pleasant Mt.

324° 52'

77.

Ossipee Mt.

324° 52'

77.

Dist. summit beyond and S. of Chicorua

351° 30'

71.

Chicorua S.

353° 54'

71.

" N.

355° 40'

71.

Whiteface

356° 06'

71.

Saddle Mt. S.

357° 42'

71.

" " N.

358° 15'

71.

Saddle Mt. range. Next to Saddle. Saddle

359° 18'

72.

Next peak = a. Lower but distinct

0° 54'

72.

The more dist. Mt. which I this morning took for Moose Hillock

3° 16'

72.

S. end of Mote Mt.

4° 48'

72.

N. end " " (Du? if extreme N. end.)

8° 09'

72.

Higher Mt. between Mote & Sawyer. nearer Mote.

10° 02'

72.

S. and lowest of Green hills = 1

6° 07'

74.

next.

= 2.

8° 08'

3. 1 2 3

10° 28'

4

14° 51'

5

17° 19'

6

21° 50'

74.

C lower than, and in a line with Twin Mt.

19° 55'

73.

k

b c d

19° 03'

73.

S. most of Sawyer's range.

b

11° 41'

73.

c

12° 10'

73.

d

higher

12° 46'

73.

e

= Sawyer's.

14° 37'

73.

Sawyer's Mt.

14° 38'

71.

f

N. end.

15° 33'

73.

g

16° 05'

73.

h

16° 22'

73.

Sawyer's

i

k

l

range continues

m

Notch Mt.

73.

Same range. But below Lafayette.

By projection m is Mt. Crawford.

73.

Angles from P.s.

 $k = 29^{\circ} 07'$

Az

alt. page.

m. this side Notch. Another in same range with Notch Mts.
i not as high as k.

$23^{\circ} 14'$ 73.

Lafayette N.

$17^{\circ} 32'$ 73.

" S.

$18^{\circ} 44'$ 74.

Lafayette

$17^{\circ} 36'$

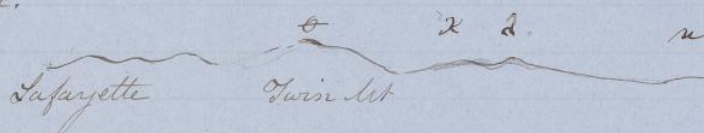
Twin Mt. very dist.

$18^{\circ} 45'$ 71.

$19^{\circ} 55'$ 75

This agrees with Prof. Guyot's panorama from Lafayette N. of L.

Twin Mt. range.

P.s. θ

$19^{\circ} 55'$ 77.

P.s. x

$21^{\circ} 11'$ 77.

P.s. d

$21^{\circ} 30'$ nearly 77

P.s. u

$22^{\circ} 59'$ 77.

Same range with Mt. Willard. higher. dist.

$23^{\circ} 00'$ 75.

Mt. Willard. Next to Notch Mt. by projection part of Twin Mt. range.

$24^{\circ} 20'$ 75.

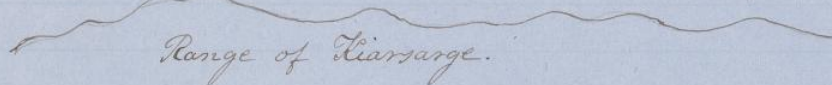
Liarsarge.

$29^{\circ} 09'$ 74

" Station

$29^{\circ} 07'$

a b x x j e g y



Range of Liarsarge.

a

$24^{\circ} 52'$

B

$26^{\circ} 44'$

x

$28^{\circ} 45'$

x

$29^{\circ} 10'$

j

$32^{\circ} 00'$

e

$35^{\circ} 58'$

g

$37^{\circ} 02'$

y

$39^{\circ} 00'$

end of range.

$42^{\circ} 28'$ 76.

Mt. Pleasant.

$35^{\circ} 28'$ 75

Doublehead S.

$24^{\circ} 20'$

" N.

$37^{\circ} 49'$ 75.

Mt. W.

$39^{\circ} 08'$ 76.

$41^{\circ} 13'$ 74.

Angles from P.s.

$k = 29^{\circ} 07'$

Az. alt. page

Black Mt. range	$46^{\circ} 33'$	75.
Mt. Adams	$47^{\circ} 00'$	75.
Mt. Adams? smoke of fire hides it.	$47^{\circ} 00'$	75.
E. end of Pinkham notch.	$47^{\circ} 58'$	75.
Height of Carter	$49^{\circ} 17'$	75.
Black Mt.	$49^{\circ} 18'$	74.
Baldface?	$54^{\circ} 17'$	75.
Second summit of Blk Mts. East	$50^{\circ} 58'$	76.
East end of Blk. Mt. range	$55^{\circ} 14'$	76.
Commencing new range	$60^{\circ} 31'$	76.
E. end of range	$64^{\circ} 34'$	76.
Signal. Pleasant Mt. = P.m.	$105^{\circ} 03', 1^{\circ} 58'$	71.
Signal on " "	$105^{\circ} 03'$	77.

Shows that in all the obs. from page 71 to 77.
inclusive instrument was not disturbed.

Angles from Mt. Crawford. $k.h = 154^{\circ} 42'$ Az. alt. page.

Mt. Crawford. In feet, line to top 8516 ft. elevation 2080 ft.		
Horizontal dist. 0.10745. L to P.m		221.
Mt. Resolution extends from 95° to 133° dist. 1 mile		304.
Clarsarge.	$\left\{ \begin{array}{l} 334^{\circ} 43' - 0^{\circ} 04' \\ 154^{\circ} 41' - 0^{\circ} 02' \end{array} \right.$	$\left\{ \begin{array}{l} 304. \\ 304. \end{array} \right.$
"	$160^{\circ} 58'$	304.
Pleasant Mt.	$173^{\circ} 14' - 0^{\circ} 50'$	304.
Baldhill range, extends from Giant stairs to this point	$192^{\circ} 21' - 0^{\circ} 03'$	305.
North Mote	$186^{\circ} 55' + 1^{\circ} 02'$	305.
Mt. sending spur to Horseshoe.	$196^{\circ} 07' - 0^{\circ} 22'$	305.
Qu? if (13.) Large & irregular.	$208^{\circ} 58' 0^{\circ} 40'$	305.
Range of 13? Runs S.W. higher part.	$221^{\circ} 23' 0^{\circ} 10'$	305.
Chicorua	$223^{\circ} 0' 0^{\circ} 11'$	305.
Chain $\frac{1}{2}$ to Chicorua, high. Next to Laco valley and running N.W.	233°	305.
Spur of Crawford	232°	306.
Sawyers Rock	232°	306.
Hart's Mt.	$232^{\circ} 05' - 23^{\circ}$	306
Peaked Mt. E. spur from Tremont.	$234^{\circ} 0' - 0^{\circ} 01'$	306.
Highest between Chicorua & Wht. face N. extends to Wht. face.	$\left\{ \begin{array}{l} 244^{\circ} 28' ? \\ 245^{\circ} 27' 0^{\circ} 42' \end{array} \right.$	$\left\{ \begin{array}{l} 306. \\ 306. \end{array} \right.$
Wht. face N.	$246^{\circ} 30' 0^{\circ} 25'$	306.
" " " Second reading	$250^{\circ} 11' 0^{\circ} 17'$	306.
Tremont S. & highest	$260^{\circ} 30' - 0^{\circ} 21'$	306.
Tremont? N.W. sends spur to Crawford.	$249^{\circ} 47' 0^{\circ} 34'$	306.
Bemis Lake. Lies beyond Tremont in 253°	$249^{\circ} 47' 0^{\circ} 34'$	307.
Green's Cliff. N.E. end abrupt. New road runs here.	$258^{\circ} 35' 0^{\circ} 39'$	307.
E. part of Saddle Mt. range. near Wht. face N.	$258^{\circ} 53' 0^{\circ} 43'$	307.
E. part " " " " " " " "	$260^{\circ} 36' 0^{\circ} 46'$	307.
Saddle Mt.	$280^{\circ} 53' 0^{\circ} 46'$	307.
" " "	$281^{\circ} 28' 0^{\circ} 29'$	307.
High part of Saddle Mt.?	$282^{\circ} 02' 0^{\circ} 47'$	307.
Saddle Mt. range extends certainly to	$284^{\circ} 38' - 0^{\circ} 36'$	307.
Depression Notch	$297^{\circ} 02' - 2^{\circ} 30'$	308.
Next Height		
Sudden knob.		
Last of Saddle Mt. range; cut off by Carigain's Mt.		
Carigain's Mt.		

Angles from Mt. Crawford.

 $K_4 = 154^{\circ} 42'$

Alt. page.

Spur of Carigain runs E. S. E. high to	$287^{\circ} 51', 0^{\circ} 59'$	308.
" " " " " "	$117^{\circ} 00', 2^{\circ} 27'$	308.
Next summit N. of Carigain Mt.	$300^{\circ} 10', 1^{\circ} 53'$	308.
Brick house Mt.?	$296^{\circ} 39', 1^{\circ} 17'$	308.
Part of Carigain's range	$303^{\circ} 23', 1^{\circ} 20'$	308.
Nancy's Pond	$310^{\circ} 0^{\circ} 30'$	308.
Qu. tip N. summit of Lawyers	$309^{\circ} 06', 213^{\circ}$	308.
Abbeys Mt. spur from East.	$308^{\circ} 07', -0^{\circ} 35'$	308.
Falls on Nancy's brook	$295^{\circ} 40', 2^{\circ} 32'$	308.
Davis' West peak of house	$273^{\circ} 41', 13^{\circ} 11'$	308.
Ravine of Davis brook. dist. 2 miles	$309^{\circ} 30'$	309.
Dist. Mt. this side Lafayette range. Runs to Twin	$323^{\circ} 28', 0^{\circ} 40'$	"
Spur of Lafayette	$324^{\circ} 58', 0^{\circ} 52'$	309.
Lafayette. There are 2 summits of = alt.	S. $327^{\circ} 47', 1^{\circ} 10', 30'$	309.
Rounded high part of Twin. sends spur to Willey Mt.	N. $327^{\circ} 52'$	"
Rounded high part of Twin, sends spur to Willey Mt.	$337^{\circ} 00', 1^{\circ} 19'$	309.
Highest part of Twin.	$342^{\circ} 20', 1^{\circ} 27'$	310.
N. part of Twin	$346^{\circ} 37', 1^{\circ} 17'$	310.
Twin descends here to lower range	350°	"
Runs still further to W. to behind Willey		
Ethan's Pond.	$357^{\circ} 14', 0^{\circ} 28'$	310.
Willey Mt.	$0^{\circ} 58', 2^{\circ} 11'$	"
" " North end.	$3^{\circ} 57', 2^{\circ} 14'$	310.
Willey house.	$7^{\circ} 55', -5^{\circ} 32'$	310.
Cantels rump	$13^{\circ} 40', -0^{\circ} 24'$	"
S. end of Mt. Webster.	$13^{\circ} 40'$	310.
Mt. Webster	$19^{\circ} 43', 1^{\circ} 35'$	
" "	$199^{\circ} 50', 1^{\circ} 38'$	310.
Tuckerman's Mt.	$25^{\circ} 18', -0^{\circ} 27'$	311.
" " Makes equilateral triangle with Mt. Jackson & Webster.		
Mt. Jackson	$29^{\circ} 36', 1^{\circ} 49'$	310.
Mt. Clinton	$39^{\circ} 44', 1^{\circ} 48'$	311.
" Pleasant.	$47^{\circ} 36', 2^{\circ} 16'$	311.
Munroe S. W.	$56^{\circ} 41', 2^{\circ} 35'$	311.
Munroe. highest	$58^{\circ} 30', 2^{\circ} 45'$	310.
Mt. W.	$63^{\circ} 32', 3^{\circ} 25'$	311.
" "	$63^{\circ} 35', 3^{\circ} 25'$	"

166.43
11.17

Angles from Mt. Crawford.

K.L. = 154° 42'

Alt. page.

Stair Mt.

248° 02', 258° 304

" "

67° 58', 2° 55', "

Giant's Stairs. highest

85° 48', 2° 15', 304.

Very dist. Mt. ? Height & Carter ?

89° 58', 92° 10', 304.

(S) South Station from North Station

S. st. = 54° 07'.

54° 07', -8° 42', 314

Green's Cliff. E. end of precipice

79° 28', 314.

South summit of Green's Cliff

80° 51', 314.

Falls on Nancy's brook

Lowest,

115° 36', -2° 30', 314.

" " " "

highest

116° 4', -1° 19', 314.

Bemis Falls. (falls on Davis brook ?)

157° 30', 314.

Stair Mt.

248° 02', 2° 59', 314.

Dist. Mt.

98° 08', 314.

The high Mts. last of Saddle Mt. chain seen, run behind Carigain, E. spur.

314.



Mt. C a

See page 315 & Camera Lucida outline

a 100° 45', 0° 43', 315.

" " b

b 102° 00', 0° 45', 315

" " c

c 104° 39', 0° 39', 315.

Carigain St = 104° 24'.

(Mt. C) S - North Station

215° 59', 8° 27', 316.

" " S. knob, Mt. Resolution

265° 25', 316.

Baldhill

314° 56', 316

Mt. C S, North Mote

351° 00', 316,

Saddle Mt. Left

61° 40', 316.

" " right

62° 00', 316

Green's Cliff. Precipice E

63° 50', 316.

" " South peak

64° 58', 316.

Falls on Nancy's brook Lowest ?

109° 28', -0° 37', 316.

" " " " highest ?

109° 41', 0° 23', 316.

Abbey's Mt.

123° 06', 317.

Carigain

104° 24', 3° 30', 317.

W. corner of Davis house

94° 46', -13° 58', 317

Angles from Mt. Crawford. Carig, St. = $104^{\circ} 24'$. Az. alt. page.

(Mt. C. S.) Sawmill on Nancy's Brook	$82^{\circ} 58'$	317.
" " " St. Station	$215^{\circ} 59'$	317.
" Nancy's Brook, near road runs from sun, at	$2^{\circ} 43'$	318.
" Sawyer's River runs from sun at	$3^{\circ} 00'$	"
Road runs from between Tremont & Peaked Mt. middle summit		"
" Sawyer's Rock. road runs from sun at	$3^{\circ} 16'$	318.
" Hart's Ledge lies 90° S. of sun. River runs from sun.		318.
The road from Mt. Resolution, runs from Crawford's		
& then it turns further E. & runs parallel to Notch road; where		
it runs to Kearsarge.		
Mt. Carigain! The S. E. spur from Carigain, must run as far		
S. at Mote Mt, as it lies on the left side, seen from Notch road.		
2° or 3° then runs S. again		
" Mte. Mt. road runs 3° or 4° S. of Kearsarge, and from S. end of		
Tremont.		319.

Angles from Davis's

Alt.	alt.	page.
Road by the house, runs towards Mt. Pleasant.		301.
Mt. Pleasant.	223° 09' 40" 39'	301.
Mt. Crawford	261° 28' 13" 08'	301.
S. spur. Highest in alt.	346° 13"	301.
Peaked Mt.	24° 50' 40" 27'	301.
Tremont = Bemis	43° 16' 50" 45'	301.
Nearer part of Bemis ?	46° 06' 50" 55'	301.
Further part of Bemis	47° 40' 50" 56'	301.
Mt. not so dist. as Bemis	87° 48' 13" 09'	302.
Sun's altitude & azimuth		302.
// Lafayette. Takes 2 hours to descend		50.

Angles from Lafayette

$\kappa = 161^{\circ} 10'$

Lafayette takes 2 hours to descend.

Little Haystack

Twin Mt.?

Mt. Pleasant in clouds

Height of Carter. The highest is Blk. Mt. E. side of Notch. One W. is Mt. Carter

$\kappa = 161^{\circ} 10'$

Black Mts. N. most.

Notch?

Another.

High Mt. towards Pinkham notch

Doublehead

Qu? if Doublehead N.

Doublehead N

" S.

A high Mt. N. of R. one third as far off.

Kearsarge house

" Station. computed

Kearsarge.

Qu? if the double summit, very high, S.E. & not very distant.

Lawyer's Mt.

Chicoma

Whiteface?

Pretty high in S.E.

High Mt. S.

Left hand peak

Still higher & much more distant. Right hand peak.

Ossipee Mts.

S. peak of Lafayette

Moose Hillock

50.

$115^{\circ} 50' - 3^{\circ} 17' 55.$

$130^{\circ} 43' - 0^{\circ} 48' 55.$

$132^{\circ} 35' 0^{\circ} 25' 55.$

58.

$141^{\circ} 46' - 0^{\circ} 57' 55.$

$145^{\circ} 15' - 1^{\circ} 00' 53.$

$145^{\circ} 25' - 0^{\circ} 57' + 54.$

$147^{\circ} 08' - 0^{\circ} 57' 54.$

$152^{\circ} 11' - 1^{\circ} 08' 52$

$152^{\circ} 12' - 1^{\circ} 08' 54.$

$153^{\circ} 17' - 1^{\circ} 07' 54$

$158^{\circ} 53' - 1^{\circ} 08' 54.$

$161^{\circ} 09' - 1^{\circ} 03' 52.$

$161^{\circ} 10' 1^{\circ} 08' 52.$

mag. $107^{\circ} 2' 58' 161^{\circ} 08' 57.$

$178^{\circ} 38' - 0^{\circ} 40' 53 \& 51.$

$178^{\circ} 38' - 0^{\circ} 43' 56.$

$190^{\circ} 57' - 1^{\circ} 05' 53.$

$200^{\circ} 39' - 0^{\circ} 53' 53.$

$210^{\circ} 37' - 1^{\circ} 00' 56.$

$217^{\circ} 13' - 0^{\circ} 58' 56.$

$220^{\circ} 30' - 0^{\circ} 56' 57.$

$221^{\circ} 21' - 0^{\circ} 55' 56.$

$226^{\circ} 10' - 1^{\circ} 05' 56.$

$244^{\circ} 10' - 2^{\circ} 17' 57.$

$287^{\circ} 58' - 0^{\circ} 34' 57.$

Angles from Iron Mt.

Kb = 173° 34'

	As.	alt.	page
Path up Iron Mt. through woods. course N. 25° West.			291
Topography of Iron Mt. diagram			294.
Willer? (over nearer range)	2° 30'	1° 28'	292.
Mt. Willard? S. end. It goes 1° farther N.	5° 42'	1° 03'	292.
Mt. Webster? N. highest. Rocky outline descends to Willard Mt.	7° 53'	1° 17'	292.
Mt. Jackson?	13° 34'	1° 33'	292.
Clinton. Just over top of nearer range.	23° 59'		293.
Mt. Pleasant.	31° 30'	2° 10'	293.
Peaked slide on Stair Mt.	51° 43'	2° 45'	293.
N. E. spur of Mt. W. does not extend so far east as line from Iron to Madison			295.
Madison proper.	60° 31'	1° 53'	293 b.
Pinkham Notch road must run as far west, as nearly to Madison			294.
Ravine of Pinkham Notch road, goes as far West as 63°			293.
Ellis River. Harison Wentworth. house before reach Cooks.	76° 30'		293 c.
The Tartar (Height)	80° 34'		293 c.
D. head. N.	135° 14'	0° 29'	293 b.
" " S.	139° 31'	0° 17'	293 b.
Jackson City church.	141° 36'		293 c.
Dundy. Highest part is at North end	159° 54'	-1° 28'	293 c.
Kidarsarge	173° 35'	0° 39'	292.
"	173° 33'	0° 40'	293 c.
Low. far S. E. Qu? if North Mote.	174° 05'	-1° 10'	52.
Bend of Laco round Horseshoe.	190° 30'		293 c.
Mote S.	232° 47'	-0° 04'	293.
" N.	237° 29'	0° 15'	293.
Chicoria? sends a long range to West.	256° 18'	0° 32'	292
Centre of High Mt. 3 miles West of Mote. runs N. W.?	272°	0° 34'	293 b.
Joins with S. W. spur of Mote North. extends to	278°	0° 34'	293 b.
Peaked Mt. S. of Thunder Mt.	286° 15'	0° 15'	293 b.
Thunder Mt.	288° 29'	-1° 07'	293 b.
Bemis. Highest is S. rounded top	294° 50'	0° 44'	293.
Part of Bemis	298° 08'	0° 38'	293.
Descends to valley.	304°		293
A knob of S. end of long flat top. Qu? if Crawford.	S. end 344° 40'	1° 27'	293.
" " " " " " " " " " " "	Goes flat to 352° 50'		293.

Angles from Iron Mt.

 $Kp = 173^{\circ} 30'$

As.	alt.	page
$357^{\circ} 58'$	$1^{\circ} 43'$	292.
$323^{\circ} 15'$	$1^{\circ} 54'$	292.

Giant's Hairs N. end
Lawyers

Pleasant Mountain

	As	alt.	page.
x Pn. Station $4\frac{1}{2}$ feet N. 6° W. of C. S. signal			63.
x Pn. Station of theodolite on Sep. 18. 1850			225.
x Pn. Signal. Pleasant Mt. = Pn.	$105^{\circ}03'$	$1^{\circ}58'$ K $29^{\circ}07'$	71.
x Pn. Signal on Pleasant Mt. Shows that in all the obs. from page 71 to page 77. inclusive instrument was not disturbed.	$105^{\circ}03'$	K $29^{\circ}07'$	77.
x L. Pleasant Mt. N. signal, at end of obs. Sep. 21.	$8^{\circ}00'$	Pn = $8^{\circ}00'$	89.
x L. C. S. station	$8^{\circ}00'$	Pn = $8^{\circ}00'$	29.
Fryeburg. Pn	$304^{\circ}09'$	Pn = $304^{\circ}09'$	83.
Mt. C.	$160^{\circ}58'$	K = $154^{\circ}42'$	304.
Collection of obs. angles, from Pn.			109.
Base on Pleasant Mt. 3234 feet, Conway base gives 3153. Verification base 3143 feet, indicating an error of 100 feet in measuring. P. S. is not the S. W. end of Pleasant Mt. but that next S. of the hotel.			// 69.
R. P. S.	$10^{\circ}18'$	Pn = $8^{\circ}00'$	85.
Dist. of Pn. to P. S. & of P. S. to L.			224.
x P. S. bears South Summit?	$9^{\circ}15'$	K = $111^{\circ}10'$	77.
Fryeburg. P. S.	$308^{\circ}38'$	Pn = $304^{\circ}09'$	83.
Pn. N. summit of Pleasant Mt.	$180^{\circ}40'$ ~~44~~ $0^{\circ}55'$	K = $111^{\circ}10'$	67.
L. N. summit Pleasant Mt. Mt. extends 1° or 2° further S. W. summit	$3^{\circ}27'$	Pn = $8^{\circ}00'$	85.
S. summit but one of Pleasant Mt.	$20^{\circ}58'$	$-1^{\circ}28'$ K $111^{\circ}10'$	67.
S. summit but one of Pleasant Mt.	S. 17° West.	$8^{\circ}28'$ $-2^{\circ}01'$	"
Pn. S. summit Pleasant Mt.	$324^{\circ}32'$	K = $29^{\circ}07'$	77.
L. " " " "	$11^{\circ}20'$	Pn = $8^{\circ}00'$	85.
Topography of range.			110.
Sep. 17 5 P.M. At Moose pond, aneroid reads 29.76 on top 28.05			62.
Camera Lucida from Mt. Pleasant.			23, 24.

Green Hills.

Az alt page

P. S. Lowest of Green Hills

87° 50'

K=111° 10' 81

" " " " " "

~~89° 33'~~

Next " " " " "

93° 51'

81

" " " " " "

~~89° 34'~~

P. Green hill range as numbered from P.S.

No 1. ~~49° 40'~~

88° 57'

K=111° 10' 80

2. ~~69° 30'~~

90° 47'

" 80

6. ~~20° 05'~~

104° 22'

" 80

P. No 3 of Green Hills (p. 74)

No 5 " "

~~79° 57'~~

92° 14'

K=111° 10' 81

6 " "

~~149° 29'~~

"

" "

~~199° 08'~~

"

" "

P. S. Lowest of Green Hills. = 1

69° 07'

K=29° 07' 74

Next " " = 2.

89° 08'

" "

3

1 2 3

109° 28'

" "

4

149° 51'

" "

5

179° 19'

" "

6

219° 50'

" "

Forysburg. Green Hills, Highest

150° 07'

P=204° 09' 83.

K. 3rd. Highest from N. Green Hill range.

74° 10'

P=8° 00' 90.

K. Second " Green Hill range to S.

71° 32'

" 90

K. Last from N. Green Hill range.

81° 12'

" 90

K. Highest Green Hill range N.

55° 20'

" "

Thompsons. Green Hills

127.

A. H. Highest Green Hills?

86° 42', 6° 41', 334° 05', 282

C. Int. S. Green Hills

12 144° 55' ± 10 Ds. 98° 12', 272

Good. 13 154° 23' ± 10 " "

15 180° 29' ± 10 " "

14 165° 35' ± 10 " "

16 193° ± 10 " "

Good 17 206° 30' ± 10 " "

Green Hills

C. Int. S. Green Hills

	Az	alt	Page
12	156° 30'	710'	DS = 92° 10' 69
13	173° 36'	735'	"
15	196° 50'	755'	"
14	177° 17'	755'	"
16	205° 40'	755'	"
17	216° 32'	755'	"
18			"

See Outline page 258

Outlines from Conway interval
 Outline as seen from Chateaugue
 Chateaugue. Green Hill to East of range
 H. Topography Green Hills. Roads in Conway

268°	269°	258°	257°	114°
87° 20'				

Kiarsarge.

269
2683
269.
258.
257.
114.

P.n. Station on Kiarsarge
House on "

K. 50 feet S.W. of house

P.n. k

P.s. "

P.n. House on Kiar.

" Station

Kiarsarge. Station 50 feet S.W. centre of house.

P.n. Angles from S. station repeated N.B. There seems to be a difference of 3° or 4° between these results. for 18th & 20th.

Sept. 18th.

Sept. 20th.

a 22° 42', ill defined

22° 50' 23° 52'

106° 59'

K=111° 10' 79

B 24° 33'

24° 36'

108° 90'

" "

γ 26° 31'

26° 36'

110° 48'

" "

δ 29° 41', ill defined

29° 46'

113° 58'

" "

ε 33° 44', good.

118° 01'

" "

ζ 34° 49'

119° 06'

" "

η 36° 55' rather doubtful.

Sept. 18th.

Sept. 20

121° 12'

" "

End of range. 40° 30' " "

k 26° 55'

26° 59'

124° 47'

" 79

P.s. Kiarsarge.

29° 09'

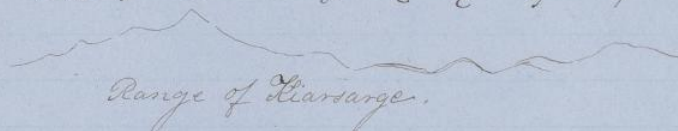
K=27° 07' 74

Station

29° 07'

" "

a b γ k δ ε ζ η



Range of Kiarsarge.

P.s. a

24° 52'

K=29° 07' 76

B

26° 44'

" "

γ

28° 45'

" "

δ

29° 10'

" "

ε

32° 00'

" "

ζ

35° 58'

" "

η

37° 02'

" "

θ

39° 00'

" "

end of range.

42° 28'

" 76

Hyeburg. K. house.

172° 00'

P. 204° 09' 83.

Kiarsarge.

	Alt	alt	h
Forgeburg. E. S. summit	171° 21'	P. = 204° 09' 83.	
" " N. W. "	166° 23'	" "	
Iron Mt. Kiarsarge	173° 35', 0° 39', K. = 173° 34', 292		
" " "	173° 33', 0° 40' "	293 e.	
Mt. C. Kiarsarge	334° 43', -0° 04', K. = 154° 42', 304		
" " "	154° 41', -0° 02', " "		
L. Kiarsarge house	161° 09', -1° 03', K = 161° 10', 52.		
" " station	computed 161° 10', " "		
C. Int. N. E.	119° 48', 7° 08', alt. 285.		
" " "	119° 48' + 6', Ds. 92° 10', 268.		
C. Int. S. "	113° 15', 6° 25', alt. 288.		
" " Bartlett Mt.	102° 24', 10' 38, 91° 12', 272.		
" " Kiarsarge.	113° 08', " "		
" " "	113° 18', " 273.		
C. Int. N. Bartlett Mt.	112° 51' + 60', " "		
Th. " "	109° 03' + 5', Ds. 92° 10', 270		
Kiarsarge from Thompsons. Alt. from Th. 50 feet further from	148° 58', 6° 12', alt. 934° 05', 282.		
E. then sign post. 3. obs. by theodolite alt. = 7° 7' 20."			
" sextant. = 7° 10' 30."			
Th. Kiarsarge	26° 53', 6° 57', alt. 281.		
L. " " Mag. 109° S. of E.	161° 08', K. 111° 10', 57.		
Kiarsarge. Camera Lucida. from hill in N. Conway.			1646
Camera Lucida from Kiarsarge. No. 28-29, 30, 31, 32			28829.
Topography of Kiarsarge. Iron Mt &c. See also pages. 113, 114 & 115.			113.
Kiarsarge! Outline from Thompsons.			111.
Thompsons. Base of Kiarsarge. 45°			129.

f3.

92

93 e.

94

92.

95.

968.

98.

92.

93.

970

982.

981.

982.

99.

946

9829.

93.

911.

929.

Mote Mountain.

	Alt	alt	p
P.n. Mote Mt. S.	87° 25'	K=111° 10'	80
" " " "	~~87° 25'~~	" "	"
" " " N. highest	90° 45'	" "	"
" " " " "	~~6° 28'~~	" "	"
Fryeburg. Mote N.	134° 25'	P _n =204° 09'	83.
H. Mote N.	130° 29'	-0° 06' P _n =8° 00'	85.
Mote N. From Thompsons direct alt. 6° 25', reflected 6° 33', mean 6° 29'.			290.
Th. Mote N.	267° 16', 6° 25'	mt w. 334° 05', 283.	
C. Int. N. North Mote	(1) 350° 30', (1)	mt. 67° 43', 285.	
C. Int. N. North Mote	(1) 350° 25', 75'	Ds. 92° 10', 267	
C. Int. S. Mote North	359° 40', 6° 53'	mt. 67° 47', 288.	
C. Int. S. North Mote	359° 40', 75'.	(1) 359° 34', 75' Ds. 90° 12', 272	
From. Mote N.	237° 29', 0° 15'	Rk=173° 34', 293	
Mt. C. North Mote	192° 21', -0° 03'	Rk=184° 42', 305.	
Mt. C. S. North Mote	351° 00',	Bar 104° 24', 316.	
P.s. S. end of Mote Mt. 4° 48', N. end (2u? if extreme N. end.	8° 09'	K=29° 07', 72.	
H. Mote S. runs towards Mt. W.	115° 19', -0° 56'	P _n =8° 00', 85.	
Fryeburg. Mote S.	126° 24',	P _n =204° 09', 83.	
Mote S. From Thompsons, direct alt. 5° 58', ref. 6° 02', mean 6° 00'.			290.
Th. Mote S.	239° 33', 5° 34',	334° 05', 283.	
From. Mote S.	232° 47', 0° 04',	173° 34', 293.	
C. Int. N. S. Mote	(3) 320° 02', 6° 22',	mt. 67° 43', 285.	
C. Int. S. S. Mote (3)	330° 10', 7° 10' - 330° 17', 7° 10'.	Ds. 90° 12', 272	
N. Conway. S. Mote to H. 40056 feet.			95.
C. Int. N. S. Mote (3)	319° 57', 75'.	Ds. 92° 10', 267	
C. Int. S. South Mote	330° 18', 6° 38',	mt. 67° 47', 288.	

Mote Mountain

	<i>As.</i>	<i>alt.</i>	<i>page.</i>
80	C. Int. N. Part of Mote (2)	346° 37' + 5' ^{mt} Ds = 72° 10' 267.	
"	" " " " " "	246° 32' 7" 11' ^{mt} Jff 67° 43' 285.	
"	C. Int. S. Part of Mote (2)	356° 05' + 10' ^{mt} Ds = 90° 12' 272	
"	" " " " " "	256° 13' 6" 49' ^{mt} Jff 67° 47' 288.	
83.	Mote Mt. Topography from Swift River		330.
85.	" " " " " "		115.
90.	Mote Mts. & L. Min. L. 0,578. M.s. L. 0,534.		225.
283.	Th. Part of Mote. Lu? if as high as Mote. N.	263° 44' 6" 21' ^{mt} Mts. 334° 55' 283.	

Chicorua

	Asc.	alt.	page.
P.n. Chicorua	$76^{\circ}45'$	$K=111^{\circ}10'$	77.
P.n. Chicorua.  p. 6. There is no intermediate Mt.	$76^{\circ}45'$	$0^{\circ}32'$, $Kst=111^{\circ}10'$	6.
R. Chicorua. Sends a long spur to S.E. one not so long to N.W.	$116^{\circ}48'$	$-0^{\circ}03'$, $P_n=8^{\circ}00'$	30.
P.n. Chicorua	$76^{\circ}47'$	$0^{\circ}40'$, $K=111^{\circ}10'$	64.
Iron. Chicorua? Sends a long range to west.	$256^{\circ}18'$	$0^{\circ}32'$, $Kh.173^{\circ}34'$	292.
Mt. C. Chicorua	$221^{\circ}23'$	$0^{\circ}10'$, $Kh.184^{\circ}42'$	305.
L. Chicorua	$190^{\circ}57'$	$-1^{\circ}05'$, $K.161^{\circ}10'$	53.
P.s. Chicorua S.	$353^{\circ}54'$	$K=29^{\circ}07'$	71.
" " N.	$355^{\circ}40'$	" "	"
Q. Chicorua S.	$116^{\circ}46'$	$0^{\circ}05'$, $P_n=8^{\circ}00'$	85.
Freeburg. Chicorua S.	$110^{\circ}28'$	$P_n=204^{\circ}09'$	83.
Freeburg. Chicorua N.	$112^{\circ}59'$	$P_n=204^{\circ}09'$	83.
Q. Chicorua N.	$118^{\circ}05'$	$P_n=8^{\circ}00'$	85.
P.n. Chicorua. N. peak	$78^{\circ}41'$	$K=111^{\circ}10'$	80.
" " " "	~~$354^{\circ}24'$~~		80.
Chicorua. Topography from Swift River.			330.
Chicorua. C.H. 0142			229.

Swift River

As. alt. page.

Conway to Swift river 18 miles. 3 or 4 miles beyond Mote Mt.

98.

Swift River. Sketch of road.

324.

Swift River. From page 324 to 329.

Swift River. Sketch of road

330.

Swift River. Mr. Russell's 12 miles from Chateaugue. (Davis')

313.

Birch Interval & Great Interval (Davis)

312.

From Fordway. Road in Conway by the Ledges to I. river road.

330 & 331.

Whiteface.

As. alt. page

P.s. Whiteface

256° 06', K=29° 07', 71.

P.n. Whiteface N. (Higher than Whiteface L. dist. 2 or 3 miles.

79° 14', 0° 35', Kst=111° 10', 6.

P.n. " higher & more dist. than Chic.

79° 14', 0° 43', K=111° 10', 64.

Arzberg. Whiteface

114° 55', Pn=204° 09', 83.

K. Whiteface

130° 12', 0° 24', Pn=8° 00', 86.

K. High Mt. more dist. than Chicorua, this side of a high range.

Qu? if wooded. Qu? Whiteface. Aug. 18. 1852. The highest of Mote Mts is 0° 30' N. of this. There is a high and very distant Mt. 1° N.W. of this. Qu? if Moose Hillock.

130° 15', 0° 16', Pn=8° 00', 31.

Mt. C. Whiteface N.

244° 28',? Kh=154° 42', 306

" " " " L. Whiteface?

Second reading. 245° 27', 0° 42', " " 200° 39', -0° 53', K=161° 10', 53.

Centre Harbor to Conway. Wht. face N. is 3 or 4 miles N.E. of Wht. face L.

105.

Range Beyond Whiteface

Mt. C. Highest between Chicorua & Wht. face N. extends to Wht. face.

234° 00', -0° 01', Kh=154° 42', 306.

P.n. More dist. range than Wht. face.

S. most. 80° 54', 0° 31', Kst=111° 10', 7

" " " " " " N. most is highest of two. N. most

81° 26', 0° 32', " " "

P.n. Another, still higher

82° 30', 0° 32', Kst=111° 10', 7

No. 2 of Aug. 8 th . More dist than Wht. face range. (not 2 of Aug. 8 th .)	128° 57', 0° 16', Pn. 8° 00',	86.
C. Harbor to Conway. No 2 of Aug. 8 th . Very high in west. cloud on top		105.
" " " " Is part of a range extending far N.E. to Wht. face.		106.
Q. Very dist. just above N.W. slope of Whiteface (2 of Aug. 8 th .)	131° 11', 0° 11', Pn. 8° 00',	86.
Dist. Mt. S. of Chicorua with two summits. High.	North. 74° 58', Kst. 111° 10',	8
Seen on Centre Harbor road. S.W. of Whiteface	S. 70° 50', 0° 20', "	"
P.n. Pretty high. Much beyond Chicorua. 2 summits	74° 53', 0° 27', K. 111° 10',	65.
P.n. Dist. summit beyond and S. of Chicorua	75° 06', Kst. 111° 10',	80
" " " " " " " "	~~75° 49'~~	" "
P.S. Dist. summit beyond and S. of Chicorua	921° 30', K. 29° 07',	71.
Conway to C. Harbor. No 3 of Aug 8 th is one of the highest S.E. of Wht. Mts.		106.

Saddle Mt. Range.

	As	alt	page
86. P.n. Saddle Mt. range (a) of P.s.	84° 13'	K=111° 10'	80.
" " " " " "	85° 56'	"	"
86. P.n. Saddle Mt. is part of a more dist. range than Wht. face.		K=111° 10'	64.
86. P.s. Saddle Mt. I.	357° 42'	K=29° 07'	71.
" " " " "	358° 15'	"	"
" " " " "	359° 18'	K=29° 07'	72.
85. S. Saddle Mt. range. next to Saddle.	136° 16', 0° 11', Pn=8° 00'		32.
" " " " North	136° 55', 0° 12'	"	"
" " " " North	136° 51', 0° 20', Pn=8° 00'		87.
" " " " North	136° 13', 0° 19', Pn=8° 00'		87.
" " " " North	138° 37', 0° 13', Pn=8° 00'		32.
" " " " North	138° 33', 0° 21', Pn=8° 00'		87.
" " " " North	249° 47', 0° 34', Kh=154° 42'		306.
" " " " North	"	E. Kh 154° 42'	"
" " " " North	61° 40'	Carig. 104° 24'	316.
" " " " North	62° 00'	"	"
" " " " North	258° 35', 0° 39', Kh=154° 42'		307.
" " " " North	258° 53', 0° 43'	"	"
" " " " North	260° 36', 0° 46', Kh=154° 42'		307.
" " " " North		Sst. 54° 07'	314.
" " " " North	284° 38', 0° 36', Kh=154° 42'		307.
" " " " North	280° 53', 0° 46', Kh=154° 42'		307.



See p. 315 & Camera Lucida outline

Mt. C.	a	180° 45', 0° 45'	315
Mt. C.	b	102° 00', 0° 46'	"
Mt. C.	c	104° 39', 0° 39', Sst. 54° 07'	"

Roads - Bridges &c. in N. Conway & Bartlett &c.
Chateaugue as far as Wht. Mt. & Jackson Road.

As.

alt.

page

|| Fryeburg to road runs S.W. $\frac{2}{3}$ of a mile.

84.

Chateaugue.

Fryeburg. Station $\frac{1}{8}$ of a mile N.E. of meeting house.

B-204° 09' 83.

|| Pleasant Mt. to Conway. from road between Fryeburg and
Conway Centre, Chicorda bears west a little S.

24.

Conway Centre. Moat Mt. bears west 20° N.

24.

Conway. To Centre Harbor page 169 to 170.

Chateaugue 1852. Chicorda 319° 19' S. Mote 7° 14' Doub. S. 38° 13' 43'

267

K. 69° 30' Gr. Hill to E. of Range 87° 20' Chicorda 319° 29'

S. Mote 7° 23' Doub. S. 58° 55' K. 69° 36' Mag. 20 $\frac{1}{2}$ °

267.

Chateaugue. Road to Thompsons

259.

Chateaugue

169.

Eastmans. Bridge less than $\frac{1}{2}$ mile from Thompsons. The
road going from Thompsons to Eastmans, turns a
little to the right.

290.

Thompsons. Various points from.

127.

C. Int. S. Conway Academy.

107° 45' 710' Ds. 70° 12' 272

K. N. Conway Academy. Belfry.

99° 40' - 7° 11' P. = 8° 00' 90.

C. Int. N. Conway Academy (")

199° 34' 75' Ds. 92° 10' 268.

{ Camera Lucida Sketch, from hill in N. Conway $\frac{4}{5}$ mile
from Thompsons, including N. Ledge, Horse shoe, Iron Mt.,
Baldface of Iron, Spruce Mt. in Jackson, Louse Hill, Dundy &c.

No 4a.

|| N. Conway. Base towards Mt. Washington 2800 feet.

92.

Mt. W. 355° 01' K. 46° 31' S. end of Mote 262° 10' S. end base.

92

|| N. Conway. S. end of base. Mt. W. 175° 01' highest Green Hill 285° 14' 6° 57'

93.

|| N. Conway. S. end of base K. to Mt. W.

51° 29' 45"

95.

" " Mote to Mt. W.

92° 50'

96.

	As.	alt.	page
C. Int. S. N. St.	68° 38'	alt 7.67° 47'	288
" " " depression N. end of base. 0° 5'		" 67° 47'	289.
Th. Suns Azimuth Monday Oct. 11. 8 hours 50 m. A.M.		alt 334° 05'	284.
C. Int. N. Angle of S. station.	248° 36'	alt 7.67° 43'	285.
Conway Interval. Station near pond. Angles on E. D. S. N. L.			
S. L. Mote S. Kiarsarge. alt. from reflection	5° 35'		264.
Value of one pace in feet. 1 pace = 2.5906 feet.			266.
Conway Interval. Length of base 3.600 feet.			266.
South Ledge. 932 x 7/10 feet high. Sketch page 265. 950 feet above Laco.			276
S. Ledge. Height. 950 feet above Laco. ^{2 miles} 129 feet from Thompsons.			276.
Th. S. Ledge. 275° 31'. Station 50 feet N.E. of sign.		alt 334° 05'	283.
C. Int. S. S. Ledge.	19° 25'	alt 7.67° 47'	289.
C. Int. N. (4) S. Ledge.	362° 30'	" 67° 47'	286.
C. Int. S. N. Ledge	37° 02'	" "	289.
Th. N. Ledge. 297° 45'. Station 50 feet N.E. of sign.		alt 334° 05'	283.
C. Int. S. N. Ledge. 36° 57' + (6) 37° 01' + 10'		Ds. 90° 12'	272.
N. Ledge. Height 672 feet from Thompsons. 2 miles 1000 feet.			277 & 8.
Iron. Bend of Laco round Horseshoe.	190° 30'	alt 173° 34'	293 c.
Echo Lake. A line from Horseshoe to upper ledge, passes near Echo Lake. The Horseshoe is seen clear of upper ledge from lake, and on right hand. The second point of Mote from S. end, is clear of front of Iron Ledge.			320.
C. Int. S. end of base is 150 feet N. of Mill brook, running to Mote S.			266.
Laco River. 4187 feet from Thompsons. in dir. of S. Ledge.			261.
C. Int. Bend of Laco is 1300 feet west of S. end of base.			266.

Az. alt. page

Horseshoe. Lines with Mote I. & Dundy.

126.

C. Int. N. End of Horseshoe (7) See 4a Camera Lucida.

56° 55' 75"

Ds. 72° 10' 267

C. Int. S. End of Horseshoe (7)

59° 08' 710"

Ds. 90° 12' 272

Thompsons. Road runs $\frac{3}{4}$ of a mile straight for Mt. N.

127.

Qu? if road from Thompsons to Bartlett, be not a little too far to E. say $\frac{1}{2}$ mile.

295.

N. Conway. Thompsons to Bartlett, road inclines to left, $\frac{1}{2}$ mile beyond Thompsons, and tends N.W. to church in Bartlett, where it runs round the spur from Bartlett Mt. as far west as Baldface of Iron, then N.W. 1 mile to Conners, in direction of Dundy there.

333.

Bartlett. Conners is 200 feet N. of bridge.

333.

Bartlett. Conners is 300 feet N. of E. branch of Laco Mote I.

223° 55'

Mote N.

242° 05'

Iron

320° 06'

Baldface

329° 05'

Kiarsarge

107° 35'

296.

Bridge on E. branch of Laco 2° N. of line from L. to Bartlett Mt.

126.

" " " " " See also p. 117 for E. branch.

116.

Thompsons. Louse Hill 1° W. of Mt. Jefferson.

127.

Iron. Jackson City Church.

141° 36'

Ab. 173° 34' 293e.

123.

Mc. Goodriches Falls. Sketch.

Jackson City. To Wht. Mt. road $\frac{1}{4}$ mile S. of Goodriches Falls, the road turns as far as towards Thompsons.

295

Picnic Brook. Called there E. branch. Brook falls towards Mote N. takes waters from west side of Doublehead.

1205/1.

Watershed, between E. branch Laco & Ellis river

119.

Bartlett. Conners. Dundy 1

Dundy, seems to be the S.W. end of a long chain, including Doublehead, and Baldface, with 2 or 3 other high Mts.

Iron. Dundy. Highest part is at N. end.

Mt. Dundy.

C. Int. S. Dundy (8?)

C. Int. N. Dundy. Left top (8)

Dundy Road page 117 to 127.

Dundy Road. Runs on E. side Picnic Brook.

As.	alt.	z.
17° 25'		296.
		332
139° 34', -1° 28', K. 173° 32', 293c.		
349° 46', 3° 03', ^{mt. W.} 334° 05', 282.		
78° 43', 710'	Ds. 90° 12',	272.
79° 53' 75'	Ds. 92° 10',	268.
		260.

Camera Lucida from Iron Mt.

1/2 Topography Dundy, Iron Mt. Mt. Resolution 3c.

Iron. Topography of Iron Mt. diagram.

Iron Mt. Path up Iron Mt. through woods. course N. 28° west.

L. High Mt. towards Pinkham Notch.

Iron?

Not a sk.
115.
K. 173° 32', 294.
291.
147° 08', -0° 57', K. 161° 10',

Doublehead.

Mt. Pond of 20 acres. lies 3 miles S.E. of Doublehead.

113. No hill between K & Doub. head. Topography of Doub. head.

Dundy & Tin

L. Doublehead N.

" " S.

L. Doublehead. Du? if Doublehead N.

Iron. Doub. head N.

Iron. Doub. head S.

C. Int. N. D. head S. (9)

Th. D. head. S.

K. Doub. head S.

" " N.

Doublehead. K. D. N. 0318 K. D. S. 0289.

K. Doublehead S.

" " N.

P. S. Doublehead. S.

" " N.

P. n. Doub. head S.

" " "

" " N.

" " "

P. n. Doub. head S.

" " N.

132° 12' - 1° 08' K=161° 10' 54

133° 17' - 1° 07' " "

132° 11' - 1° 08' K=161° 10' 52.

133° 14' 0° 29' K=173° 34' 2936.

139° 31' 0° 17' K=173° 34' 2936.

92° 10' 7' Ds. 92° 10' 268.

227° 3° 10' 334° 05' 282.

230° 50' P=8° 00' 90.

233° 50' " "

224.

230° 49' - 1° 05' P=8° 00'.

233° 45' - 0° 42' "

37° 49' K=29° 07' 75.

39° 08' " "

120° 16' K=111° 10' 81.

~~28° 57'~~ "

121° 37' " "

~~37° 20'~~ " "

120° 21' 0° 30' K=111° 10' 15° 16.

121° 43' 0° 30' " "

	As	alt	μ
P.n. W of Wild Cat Brook	129° 40' 0" 57'	K=111° 10'	66-
P.n. Mt. Tartar W of Wld. Cat. Brook.	139° 34'	K 26° 53'	81-
" " " " " "	~~45° 17'~~	" "	" "
P.n. N. end of Pinkham Notch	131° 00'	K 26° 53'	81.
" " " " " "	~~46° 43'~~	" "	" "
P.s. Blk. Mt. range. (46) west of Wild Cat brook.	116° 33'	K=29° 07'	75.
P.s. E. end of Pinkham Notch. (47)	47° 58'	K 29° 07'	75.
P.L. S. W. side of Pinkham? Notch. N. slope sudden.	229° 25' 0" 50'	P.=8° 00'	37.
P.L. Wild Cat. Brook. 1/2° E. of Doub. head S.			113.
P.L. Mt. W of Wld Cat Brook (46)	227° 30' 0" 55'	P.=8° 00'	89.
Th. Mt. west of Wild Cat brook.	344° 40' 2" 21'	^{mt. W} 334° 05'	282.
Iron. The Tartar (Height)	80° 34'	K 173° 34'	293c.
Mt. Height. Seems to send a spur S. S. W. by.			332.

6-	Pn. Very high, rounded top. Black Mt.?	132° 25', 1° 11', K=111° 10', 66,
7-	Pn. Black Mt.	133° 24', K=111° 10', 81.
"	" " "	~~48° 07'~~ " "
7.	Pn. (a) Mt. which cuts off the above. Much nearer.	132° 24', 1° 10', K=111° 10', 14.
"	P.s. Blk. Mt. (45)	49° 18', K=29° 07', 74.
75.	P.s. Height & Carter.	49° 17', K=29° 07', 75.
5.	P.L. Blk. Mt. (45)	235° 37', 1° 19', P=8° 00', 89.
7.	P.L. High & dist. Carter Mt.?	235° 39', 1° 12', P=8° 00', 87.
3.	W. Glen Round summit is Mt. Carter.	105,
9.	Height & Carter. The highest is Blk. Mt. E. side of Notch. One	
82.	W. is Mt. Carter.	58.
93c.	Mt. Carter, sends a range to N.E. ending in a high Mt.	
92.	" " Another low. runs Southerly.	332.
	Mt. C. Very dist. mt? Height & Carter?	89° 58', 92° 10', K=111° 42', 304.

5

Pn. 2nd Summit Black Mts. East. (50)	134° 02', K=111° 10', 81
" " " " " "	~~49° 45'~~ " "
Pn. Part of range marked (a) (50?)	134° 08', 1° 06', K=111° 10', 14.
P.L. Middle Summit Blk. Mts. (50)	238° 28', 1° 07', P=8° 00', 89.
P.s. Second Summit Black Mts. East. (50)	50° 58', K=29° 07', 76.

	<i>As</i>	<i>alt.</i>	<i>p.</i>
<i>W. End of Black Mt. range. (51)</i>	<i>242° 35'</i>	<i>1° 07' P. = 8° 00'</i>	<i>89.</i>
<i>P.n. Commencement of a new range, or continuation of (a)</i>	<i>143° 54'</i>	<i>0° 43' K. = 111° 10'</i>	<i>17.</i>
<i>P.n. E. end Black Mt. range.</i>	<i>138° 41'</i>	<i>K. = 111° 10'</i>	<i>81.</i>
<i>" " " " " "</i>	~~<i>54° 24'</i>~~	<i>" "</i>	<i>" "</i>
<i>P.s. East end of Black Mt. range. (51)</i>	<i>55° 14'</i>	<i>K. = 29° 07'</i>	<i>76.</i>
<i>P.n. Range of (a) A rounded summit descends suddenly.</i>	<i>138° 35'</i>	<i>0° 55' K. = 111° 10'</i>	<i>16.</i>

<i>P.s. Commencing new range (52)</i>	<i>60° 31'</i>	<i>K. = 29° 07'</i>	<i>76.</i>
<i>E. end of range. (52 & 3)</i>	<i>64° 34'</i>	<i>" "</i>	<i>" "</i>
<i>W. Commencement of new range (52) Hight & Carter.</i>	<i>249° 40'</i>	<i>P. = 8° 00'</i>	<i>89.</i>
<i>P.n. This range seems nearer than W.H. Mts.</i>	<i>148° 07'</i>	<i>0° 55' K. = 111° 10'</i>	<i>17.</i>

	As	alt.	Page
Glen. From Thompsons. 131 to 141.			142.
Glen. Glen to Jackson City 10 1/2 miles. Gorham & Cooks to Jackson line less 50 rods.			128.
Distances.			128.
From Ellis River. Harrison Wentworth. house before reaching Cooks.	76° 30'	K1. 173° 34'	293 c.
From Ravine of Pinkham Notch. road goes as far West as	63°	K1. 173° 34'	293.
From P. Notch road, must run as far west, as nearly to Madison.		K1. 173° 34'	294.
Glen. For 19 mile brook. Peabody River. Rocky brook &c.			322.
Pinkham Notch. Crystal Falls are on New River			322.
" " Spruce Hill is between New river & Cooks.			323.
" " Mt. W. is but 3 miles from road.			322.
" " 1 or 2 miles beyond falls on middle branch; fine view of Mt. W.			101.
" " New River slide gulf.			102.
" " Glen house 7 or 8 miles from Cooks.			103.
" " Glen house 7 miles from Mt. & St. L. R.R.			104.
" Glen. Gulf between Mt. Ad. & Mt. W. reached by taking N. branch of Peabody's river, 2 miles below Glen.			104.
Pinkham road & Glen.			No 6.
Some of the streams. New river, 19 mile brook &c. are laid down on map.			No 6.
Map of Peabody river. Mr. Meserve's survey of P. Notch road			No 12.
Mr. Bellows. Sketch of northern Wht. Mts. Peabody river &c.			258.
Glen. To Gorham Station.			142.
" To Jefferson			151 1/2.
Plaideds. Is magnetic N. of Notch. See Mr. Thompsons angles of Lafayette Notch & Mt. W.			321.

	<i>Alt.</i>	<i>alt.</i>	<i>ft.</i>
Iron. Mt. Jackson?	13° 34'	1° 33'	Kh 173° 34', 292.
Mt. C. Mt. Jackson.	29° 36'	1° 49'	Kh 154° 42', 310.
L. Elevation on Wht. Mt. range.	192° 06'	0° 14'	P ₂ = 8° 00', 37.
Pn. Du? if Mt. Clinton. Very little interruption of ascent; to Mt. Pleasant.	116° 24'	0° 29'	Kh 111° 10', 10.
L. Elevation next S. Mt. Pleasant.	201° 04'	0° 25'	P ₂ = 8° 00', 38.
L. Mt. Clinton?	198° 13'	0° 23'	P ₂ = 8° 00', 39.
Iron. Clinton. Just over top of nearer range.	23° 59'		Kh 173° 34', 293.
Mt. C. Clinton	39° 44'	1° 48'	Kh 154° 42', 311.
Mt. Clinton. Mag. angles. Mt. W. 60°. Adams? highest 35°. Mt. Pleasant 50°.			
" " " Monroe 63°. Cherry Mt. 325°. Habyanis 350°.			172.
Panorama from top of Mt. Clinton			16/16
Panorama from near top of Clinton. Willey & Echo Mt.			16/16.

Pn. Mt. Pleasant.	118° 44'	0° 48'	Kh 111° 10', 11.
" " "	118° 41'	0° 51'	Kh 111° 10', 66.
Pn. Mt. Pleasant	35° 28'		Kh 29° 07', 75.
" " "	~~24° 20'~~		" "
L. Mt. Pleasant.	202° 38'	0° 54'	P ₂ = 8° 00', 89.
L. Mt. " Summit is clouded.	202° 30'	0° 47'	" 30.
" " "	202° 33'	0° 47'	" 34.
Iron. Mt. Pleasant.	31° 30'	2° 10'	Kh 173° 34', 293.
Davis' Mt. Pleasant.	223° 09'	4° 39'	301.
Mt. C. " Pleasant.	47° 36'	2° 16'	Kh 154° 42', 311.
L. Mt. Pleasant in Clouds.	132° 35'	0° 25'	Kh 161° 10', 55.
Mt. Pleasant. P. L. 1075			234.

	As.	alt.	R.
P.n. Du? if next of Wht. Mts. to Mt. Pleasant	120° 08'	0° 52'	Rst. 111° 10' 11.
P.n. Next summit to the precipice	121° 45'	1° 05'	Rst. 111° 10' 11.
P.n. Du? If Franklin or Munroe. It is precipitous summit, half way between Mt. Pleasant & Mt. Washington.	121° 25'	1° 01'	Rst. 111° 10' 11.

P.n. Next to Mt. W. Munroe?	122° 59'	1° 13'	Rst. 111° 10' 12.
Q.  part of Munroe?	X 208° 03'	1° 05'	Rst. 8° 00' 39.
Mt. C. Munroe S.W.	58° 41'	2° 35'	Rst. 154° 52' 311.
Mt. C. Munroe. Highest	58° 30'	2° 45'	" 310.
P.n. Doublehead just in a line with precipice on Wht. Mts. (Munroe)			Rst. 111° 10' 67.
Munroe, High Mt. S. 225° Franconia 285° Adams or Jefferson	15°		
" Mt. Washington	55°		172

	Asc.	alt.	page.
P.n. Mt. W.	124° 28'	1° 27'	K-111° 10' 66.
P. 2. Sep. 18 th . 5.16 A.M. Mt. W. 124° 27'; Polaris 177° 26'; Polaris' Az. 1° 49' 1/10 " w of N. obs. for asc. of Mt. W.			K-111° 10' 63
P.n. Mt. W.	124° 27'	1° 24'	K-111° 10' 64.
P.n. Mt. W. N. or Liarsarge house. 13° 17' of true N. Az. = 84° 50' w of true N.			226.
P.n. Mt. W.		west of true North 84° 50'	227.
P.n. Mt. W.	124° 27'	K-111° 10'	17.
" " " Magnetic bearing	315° 30'	" "	"
" " " " "	124° 29'	1° 25'	K-111° 10' 12.
" " " At. beginning of obs.	124° 27'	" "	"
P.s. Mt. W.	41° 13'	K 29° 07'	74.
E. Mt. W. in clouds.	214° 03'	1° 50'	P-8° 00' 41.
" " " again nearly clear.	mag. 149°	213° 51'	1° 50' " "
E. Mt. Washington	213° 55'	2° 00'	P-8° 00' 87.
Thompsons. Station 80 feet N.E. of sign. Mt. W. East point: 334° 06' middle	334° 02'	3° 15'	334° 05' 282.
Mt. W. from N. Conway. from Mr. Kensite painting			No 20.
Th. Mt. W.	334° 07'	332° 05'	283.
Th. Mt. W. middle	334° 02' 3° 16'	334° 05'	284.
E. Int. S. Mt. W.	61° 47'	3° 20'	67° 47' 288.
E. Int. N. " " middle	61° 28'	3° 19'	67° 43' 285.
Mt. E. Mt. W.	63° 35'	330° 338'	K-154° 42' 304.
Mt. E. Mt. W.	63° 35'	3° 25'	" "
1 E. There is no Mt. range at the base of Mt. W. between it & E.			mt w. 41.
Th. Mt. W. east point (of summit)	334° 07'	334° 05'	284.
Mt. W. from Liarsarge. From Mr. Kensite painting			No 22.
Mt. Washington, Adams & Jefferson, from Bethlehem. Camera Lucida			No 25
Mt. W. Topography of S.E. side of Mt. W. seen from Conway.			332.
Bartlett. Corner. Highest E. most part of N.E. spur of Mt. W.	354° 28'		296.
Th. Mt. W. N.E. spur. highest point	237° 24'	2° 50'	283.
" " " descends at an angle of 25° to line with Mt. Jefferson.			283
Iron. N.E. spur of Mt. W. does not extend so far E. as line from Iron to Madison			K-173° 36' 295.
Mt. W. from Glen.			No 176.
Spur of Mt. W. seen from Glen lies to right of Mt. W.			No 176.
P.n. Patch of snow on Mt. W.	127° 44'	0° 55'	K-111° 10' 14.
View of Mt. Washington			119.

P.n. May be a Mt. distinct from the spurs of Mt. Washington $127^{\circ}15'$, $1^{\circ}08'$, $Kst. 111^{\circ}10'$.

" This must be beyond Mt. W. It has a marked cleft summit,
like that taken for Lafayette (but not it probably) and
somewhat like Kiarsarge

Mt. Washington. ^{main} 23° . ^{main} $29^{\circ}30'$. Great Mt. S. $290^{\circ}170'$.
Mts. west of Conway 223° .

13.

172.

Gibbs. To Mt. W. 9 miles +

338.

Mt. W. W. E. 1065

234.

Prof. Guyot's panorama from Mt. Washington. N. side

No 15.

R. Very precipitous, near or part of Mt. W. On this are the great slides, Stair Mt. $212^{\circ}02'$, $1^{\circ}26'$, $P_n = 8^{\circ}00'$, 36.

St. Stair Mt.

^{Mt. W.} $333^{\circ}13'$, $3^{\circ}00'$, $334^{\circ}05'$, 284.

Mt. C. Stair Mt.

$248^{\circ}02'$, 258° , $Kl. 154^{\circ}42'$, 304.

" " " "

$67^{\circ}58'$, $2^{\circ}55'$.

Mt. C. Stair Mt.

$248^{\circ}02'$, $2^{\circ}59'$, $Sst. 54^{\circ}07'$, 314.

Mt. " " "

$67^{\circ}58'$, $68^{\circ}02'$, $2^{\circ}55'$, $154^{\circ}42'$.

" " " "

$68^{\circ}04'$, $2^{\circ}52'$, "

Iron. Peaked slide on Stair Mt.

$61^{\circ}43'$, $2^{\circ}45'$, $Kl. 173^{\circ}34'$, 273.

Panorama from N.E. spur of Mt. W. Road to Glen.

Mt. W. and Mt. Clay, seen from Glen

P.n. First elevation N. of Mt. W.

P.n. Second " " " " falls suddenly on the N. slope.

P.n. 3rd. " " " " "

P.n. A fine peak N. of Mt. W. Very high and bold, inferior only to Mt. W. N. side rugged and precipitous

P.n. Mt. Adams.

P.s. Mt. Adams? smoke of fire hides it.

P.s. Mt. Adams.

E. High N. of Mt. W. One of Wht. Mts. (Madison?)

E. Mt. Adams

E. Mt. Adams

Th. Mt. Jefferson.

Mt. Jefferson's. from Thompsons 200 feet. west of house. Mt. J from Mt. W.

C. Int. S. Mt. Jefferson.

C. Int. N. Mt. Jefferson

Mt. Adams. A. L. 1214.

Mt. Adams. Corrected place

As alt. p.

No 15.

176.

125° 07', 12° 22', Kst. 111° 10', 13.

126° 09', 1° 15', Kst. 111° 10', 13.

126° 25', 1° 14', Kst. 111° 10', 13.

130° 21', 1° 11', Kst. 111° 10', 14.

130° 22', 1° 10', Kst. 111° 10', 66.

47° 00', K 29° 07', 74.

47° 00', K 29° 07', 75.

225° 53', Pn = 8° 00', 31.

222° 45', 1° 26', R = 8° 00', 38.

222° 53', 1° 16', Pn = 8° 00', 36.

340° 21', 2° 26', 334° 05', 284.

6° 10', 36° 11', 274.

67° 47', 2° 43', 67° 47', 288.

67° 43', 2° 39', 67° 43', 285.

235.

No 6.

	As	alt.	
Northern Wh. Mts. from Jefferson. Prof. Guyot.			196.
Bethlehem. Front of Phoenix hotel. Mt. Munroe?	67° 58' 2" 07'	64° 30' 1" 47'	
" Mt. W. - - mag. E. 13° S.	64° 30' 2" 33'	64° 30' 1" 47'	
" Mt. no name.	61° 27' 2" 12'	" "	
" Mt. Adams?	57° 23' 2" 18'	" "	
" Mt. Jefferson. (N. most)	54° 28' 2" 10'	" "	
E. Wh. Mts.	208° 40' 1" 13'	2° 8' 00'	38.

Th. Part of Jefferson. (called Madison)	341° 09'	334° 05'	284.
From Madison proper.	60° 31' 1" 55'	Kh 174° 34'	2936.
// Madison. True summit seen from bank of Laco. Station 1400 ft.			287.
N. W. of C. Int. S.	Madison 3° 18' 2" 20'		
	Mt. W. 354° 42'		
	Tartar 10° 20'		
	Kiansarge 48° 22'		
	C. Int. S. 18° 04'		
	C. Int. S. 129° 45'		290.



Names of Wh. Mts. History of names given.

96.

47

47

"

"

"

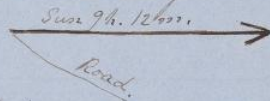
88.

94.

936

89.

90.

	Ac.	alt	f.
Corner of Jackson & Wht. Mt. road.			124.
Ellis River bridge, is $\frac{1}{3}$ mile W of corner of Wht. Mts. & Jackson road.			
Road runs from between Dundy & Liarsarge, to Peaked Mt. Road runs from a little to right of Dundy (say 3 $^{\circ}$) $\frac{1}{3}$ mile. Iron Mt. bearing from the sun at 9 hrs. 40 minutes.			297.
Rocky Branch. At bridge, 9 hours 5 min. Iron bears 5 $^{\circ}$ E. of sun's shadow.			
Road turns to S.W. at Rocky Branch, $\frac{1}{2}$ mile + to Laco.			297.
Rocky Branch. At bridge over Laco. Laco runs to Dundy.			
			
From from sun at 9 ^{h} . 12 ^{m} . & 10 $^{\circ}$ E.			297.
Bridge on Laco. Portsmouth sign post $\frac{1}{2}$ mile from bridge, where road turns.			298.
Wht. Mt. Road, where bridge crosses Laco, it runs 10 $^{\circ}$ S. of Dundy, and then $\frac{1}{8}$ mile dist. turns N. by. Mts. commence on right bank.			298.
The turning of the Portsmouth road lies $\frac{1}{2}$ or $\frac{1}{3}$ mile S.W. of bridge, over Laco. Bridge over Rocky branch is $\frac{1}{4}$ mile further. The bridge over Ellis River is $\frac{1}{4}$ mile further, & the corner of Jackson road $\frac{1}{3}$ further. Rocky branch flows first to a little S. of Liarsarge.			319
Upper Bartlett Interval. Laco runs on N. side of interval, 1 mile long.			320.
Road on S. side 1 mile close at base of Mt. Rocky range lies on N. side.			298.
Wht. Route to Notch	155 $^{\circ}$ 15'	P $_n$ = 8 $^{\circ}$ 10'	39.
Wht. Mt. road runs 3 $^{\circ}$ or 4 $^{\circ}$ S. of Liarsarge, & from N. end of Tremont.			319.
Wht. Mt. road going W. from Silver Spring, road begins to turn. Runs $\frac{1}{4}$ mile W. S.W. to Sawyer's rock, bending round Haystack, then W. N.W. by. to S.W. & N.			333.
Wht. Mt. road runs 2 miles from N. end of Bemis (= Tremont.) towards Mt. Jackson, from the sun at 11 hours.			301.
The road from Mt. Resolution, runs from Crawford's, & then it turns further E. and runs parallel to Notch road, when it runs to Liar.			318.
Wht. Mt. road. At 10 ^{h} . 40 ^{m} . we are in a line from Thunder Mt. & sun, to Notch Mt. Webster, N. end of Tremont: 30 $^{\circ}$ W of sun.			300.
W Sawyer's Rock. Road runs from sun at	3 $^{\circ}$ 16'		318.
S. end of the range from Sawyer's rock, is the Peaked Mt. Haystack.			319.
Wht. C. Sawyer's Rock.	232 $^{\circ}$	KH 154 $^{\circ}$ 42'	306.
W Sawyer's River runs from sun at	3 $^{\circ}$ 00'		318.
Road runs from between Tremont & Peaked Mt. middle summit.			"

Az. alt. page.

Lawyer's River runs from S. S. W. New road is $\frac{1}{8}$ mile N.

333

" " runs from S. $2\frac{1}{4}$ from Davis'. Bridge is in a line from end of Bemis to Crawford.

300.

Nancy's Brook, runs S. W. Road takes a W. by or S. W. by course, just W. of Nancy's bridge, then N. less than $\frac{1}{2}$ mile to Davis'.

Mt. C. S. Sawhill on Nancy's brook

82° 58'

Carig.

334.

104° 24' 317.

Nancy's Brook, near road runs from sun at

2° 43'

Kt.

318.

Mt. C. Falls on Nancy's brook

295° 40' - 2° 32' 154° 42' 308.

Mt. C. S. Falls on Nancy's brook lowest?

109° 28' - 0° 37' 104° 24' 316.

" " " " " " highest?

109° 41' 0° 23' " "

" " " " " " Runs S. W. p. 334 Lowest.

115° 36' - 2° 30' 154° 42' 314.

" " " " " " highest.

116° 04' - 1° 19' " "

Mt. C. Nancy's Pond.

310° 0° 30' 154° 42' 308.

Hart's Ledge lies 90° N. of sun. River runs from sun.

318

" " from Harsarge lies S. of Carigain

319.

Mt. C. Hart's Mt.

232°

Kt. 154° 42' 306.

Razor Brook, from Mt. Cr. Stony Brook $\frac{3}{4}$ mile W. S. W. of Lawyer's rock

305.

From Giants Stairs. N. end

Mt. C. Giants Stairs. highest

Mt. C. Baldhill range, extends from Giants Stairs to this point:

Mt. C. s. Baldhill

A. alt. μ .

$357^{\circ}58'$, $1^{\circ}45'$, Rh. $173^{\circ}34'$, 292.

$85^{\circ}48'$, $2^{\circ}15'$, Rh. $154^{\circ}42'$, 304.

$173^{\circ}14'$, $0^{\circ}50'$ " "

$314^{\circ}56'$, $104^{\circ}24'$ 316

From A knob of S. end of Long flat top. Du? if Crawford. S. end

$344^{\circ}40'$, $1^{\circ}27'$, Rh. $173^{\circ}34'$, 293.

Goes flat to $352^{\circ}50'$ " "

Mt. C. Mt. Resolution extends from 95° to 133° dist. 1 mile

Rh. $154^{\circ}42'$, 304

Mt. C. s. S. knob, Mt. Resolution

$265^{\circ}25'$, $104^{\circ}24'$, 316.

	As.	alt.	p.
Mt. C. s. W. corner of Davis' house	92° 46'	Bar 2. 13° 08', 104° 24', 317	
Mt. C. Davis' west peak of house	273° 41'	13° 11', Kh 154° 42', 308.	
Davis'. Road by the house, runs towards Mt. Pleasant.			301.
" New road to Birch interval. Sketch by Mr. Davis. 1/8 mile N. Lawyers River			313. 333

Mt. C. Ravine of Davis brook dist. 2 miles.	309° 30'	Kh 154° 42', 309.	
Mt. C. s. Abbey's Mt.	125° 06'	Bar 2. 104° 24', 317.	
Mt. C. Bemis Falls. (Falls on Davis brook?)	157° 30'	Sst. 54° 07', 314.	

Camera Lucida outline from Mt. Crawford. (2 sheets on both sides)			182.
Important Map. with Topography of Whit. Mt. range, of Dry River, Rocky Branch, Hon Mt. Mt. Crawford &c. Bemis Lake &c.			367.
Mt. Crawford. In feet. Line to top 8516 ft. elevation 2080 ft. Horizontal dist. 0.10765 N to P. n.			221.
Davis'. Mt. Crawford	261° 28', 13° 08'		301.
" S. spur. highest in alt.	346° 13°		"
Mt. C. Spur of Crawford	233°	Kh 154° 42', 308.	

Mt. C. s. N. station	215° 59'	Bar 2. 104° 24', 317.	
(Mt. C.) S. - N. station	215° 59', 8° 27'	"	316.
" Mt. C. (S) South station from N. station	521° 07', 8° 42'		314.

Saco. 1 3/8 mile N. of Davis; road crosses Saco. Road runs N. a little W. by, at bridge, a little E. by. Turns N. N. W. at 2 miles from Davis'. 2 1/2 mls. from Davis', road crosses the Saco again; and then continues on its right bank. Rocky Branch enters 2 miles from Davis'. Road runs then 2 miles W. N. W. by. and enters Notch, turning to N. at 5 miles from Davis', crosses Saco 1 mile above Willey.			334. 335.
--	--	--	--

	1/2.	alt.	1/2.
Gibbs. Notch bears S. S. E. source of Taco C. P. E., dist. 1/8 mile. Butt ends? of High Mts. S. W. & S.			335.
Mt. Deception appears to be one of a low chain, running from Mt. W. or S. of it.			335.
Gibbs to Fabryans. Bridge & stream 2 1/2 from Gibbs			335.
Fabryans to Mt. W. Horizontal dist. 0.48984. Jackson's Report.			222
" to Conway. page 153 to 168.			

I did not satisfactorily recognize 13, but there is a high spur or part of Mote range, lying a mile E. of what I have called (13) in a line to Harsarge, and sending a very long chain to Horseshoe. When riding home, between Bartlett & Mote I. it bore $3\frac{1}{4}$ as much N. of Mote N. as Mote N. is of Mote I.

P.E. (recognised as 13 of Sep. 18th.)

P.S. Higher Mt. between Mote and Sawyer, nearer Mote

H. Tot near Sawyers Mt. to be 13 of Sep. 18. Du? if Bemis Mt.

P.n. Higher Mt. between Mote & Sawyer, nearer Mote. good.

" " " " " " " " " " " "

Mt. C. Range of 13? runs S.W. higher part.

Mt. C. Du? if (13) large and irregular

Iron. Centre of high Mt., 3 miles West of Mote; runs N.W.?

joins with S.W. spur of Mote N. extends to

Mt. C. Mt. sending spur to Horseshoe.

Mt. C. Chain $\frac{1}{2}$ to Chicoma; high! Next to Laco Valley & running N.W.

High Mt. W. of Mote from Swift River

Upper Bartlett.

Thunder Bemis & Tremont. runs S.E. Road runs to this point.

Profile from P.O. - Upper Bartlett: 2 or 3 miles W. of Bridge over Laco. No Mts. this side of Thunder.

high narrow range. runs S.E. Thunder Bemis.

From Hansons, 4 miles dist. no rising between.

From Thunder Mt.

From Peaked Mt. S. of Thunder Mt.

Navis's Peaked Mt.

Mt. C. Peaked Mt. E. spur from Tremont.

295.
139° 30' - 0° 06' Pn = 8° 00' 87.

10° 02' K = 29° 07' 72.

150° 49' Pn = 8° 00' 21.

92° 42' K = 111° 10' 80.

8° 25' " "

208° 58' 0° 40' K = 154° 42' 305.

198° 07' - 0° 22' " "

272° 0° 34' K = 173° 34' 293.

278° 0° 34' " "

186° 55' - 1° 02' K = 154° 42' 305.

223° 10' 0° 11' " "

330.

299.

288° 29' 1° 07' K = 173° 34' 2936.

286° 15' 0° 15' " "

24° 50' 4° 27' 223° 09' 301.

232° 05' - 23° K = 154° 42' 306.

Iron. Bemis highest is S. rounded top.

Part of Bemis

Descends to valley

Davis's. Nearer part of Bemis?

" Further " " "

" Tremont = Bemis

" Mt. not so dist. as Bemis

" Surs altitude & azimuth

Mt. C. Tremont? N.W. sends spur to Crow.

" " Tremont. S. and highest.

" " Bemis Lake lies beyond Tremont in 253°

Alt alt. page.

294° 50', 0° 44', Kh. 173° 34', 293.

298° 08', 0° 38',

304°

Mt. Pleasant " "

46° 06', 5° 55', 223° 09', 301.

47° 40', 5° 56', " "

43° 16', 5° 45', " "

87° 48', 13° 09', " 302.

" "

250° 11', 0° 17', Kh. 154° 42', 306.

246° 30', 0° 25', " "

" "

Mt. C. Green's Cliff. E. end precipice

" " " " N.E. end abrupt. new road runs here

" " S. Summit of Green's Cliff.

" " S. Green's Cliff. prec. E.

" " S. peak of Green's Cliff.

79° 28', Sst. 54° 07', 314.

260° 30', 0° 21', Kh. 154° 42', 306.

80° 51', Sst. 54° 07', 314.

63° 50', Car. 104° 24', 316.

64° 58', " "

Ranges this of Carigain, run towards Willey Mt. say N.W.

319.

R. Sawyers range. b. lettered on Sep. 18.

R. c

R. d

R. e Sawyers.

R. f

R. g?

R. h? perhaps a dist. Mt.

R. i

R. k

R. l

R. m is hidden.

158° 18' 0" 13, P_n = 8° 00' 88.

159° 50' 0" 25, " "

161° 59' 0" 30, " "

163° 39' 0" 45, " "

165° 13' 0" 30, " "

165° 56' 0" 16, " "

167° 52' 0" 19, " "

168° 06' 0" 14, " "

170° 35' 0" 20, " "

171° 57' 0" 16, " "

P.s. S. most of Sawyers range

Sawyers. i k l. range continuation m Notch Mt.

K = 29° 07' 72.

P.s. Same range, but below Lafayette. by projection m is Mt. Crawford.

K = 29° 07' 72.

1578 high dist. Sawyers Mt.

163° 41' 0" 37, P_n = 8° 10' 33.

Sawyers Mt. diagram Upper Bartlett.

P.s. f

11° 41', K = 29° 07' 73.

P.s. c

12° 10', " "

P.s. d. higher.

12° 46', " "

P.s. e = Sawyers.

14° 37', " "

P.s. f N. end

15° 33', " "

P.s. g

16° 05', " "

P.s. h

16° 22', " "

P.s. i not as high as k

17° 32', " "

P.n. i of Sawyers range

18° 36', K = 26° 53' 81

" " " " "

16° 17', " "

P.s. k

19° 03', K = 29° 07' 73.

P.s. m. this side of Notch. another in same range with Notch Mts.

25° 14', " "

Mt. C. Next summit N. of Carigain Mt.

300° 10', 1° 53', K = 154° 42', 308.

Mt. C. Lu? if N. summit of Sawyers

309° 06', 213°, " "

Mt. C. Brick house Mt.?

296° 59', 1° 17', " "

Pn. Curious Sugar Loaf shaped, but lower than the range beyond.
 Pn. Du? if Lafayette. It has a curious cliff a little S. of its summit.

Pn. Same Mt. N. peak which is much lower
 L. Apparently more dist. than Otter (Lawyer's) Mt.
 Mt. C. Carigain's Mt.

" " Spur runs E.S.E. high to 287° 51'. alt 0° 59'.
 Pn. Lawyer's Mt.

L. Otter Creek. Inferior I. summit.
 part of Lawyer's

L. Lawyer's Mt.

L. Du? if the double summit, very high S.E. and not very distant.

Iron. Lawyer's

Mt. C. Carigain

Lawyer's Mts. pages 230 to 233. Computed places.

" Mt. Carigain. The S.E. spur from Carigain must run as far S. at

Note Mt. as it lies on the left side, seen from Notch road 2° or 3° then runs Sagarin

Mt. C. Part of Carigain's Range

Mt. C. Abbey's Mt. Spur from East

Iron. Mt. Webster? N. highest. rocky outline descends to Willard Mt.

Mt. C. S. end of Mt. Webster.

Mt. C. Mt. Webster

L. The Notch Mts. N. most

Mt. C. Willey house

Notch Mt. L. N. = 1.192 Pn. N. 2191.

Iron. Willey? (over nearer range)

L. Notch Mts. S. most.

L. Notch Mt.

Mt. C. Willey Mt.

" " " North end

Pn. Notch Mt. or perhaps Mt. Crawford.

Pn. Very high summit S. of Kiar. apparently very dist. Du? if Lafayette.

Notch Mts? Kearsarge

Alt.	alt.	page
100° 42'	0° 24'	Kt. 111° 10' 9.
97° 50'	0° 44'	" "
98° 44'	0° 36'	Kt. 141° 10' 9.
162° 00'	0° 18'	Pn. = 8° 00' 34.
297° 02'	2° 30'	Kt. 154° 42' 308.
117° 00'	2° 27'	" "
14° 38'	K = 29° 07'	71.
154° 36'	0° 33'	Pn. = 8° 00' 33.
178° 38'	0° 43'	K = 161° 10' 56.
178° 38'	0° 40'	" 53 & 51.
323° 15'	1° 54'	Kt. 173° 34' 292
104° 24'	3° 30'	Car. 7. 104° 24' 317.
		230 & 231
		319.
303° 23'	1° 20'	Kt. 154° 42' 308.
308° 07'	0° 35'	" "
7° 53'	1° 17'	Kt. 173° 34' 292.
13° 40'		Kt. 154° 42' 310.
19° 43'	1° 35'	" "
156° 48'	0° 22'	Pn. = 8° 00' 36.
70° 55'	5° 32'	Kt. 154° 42' 310.
		223.
2° 30'	1° 28'	Kt. 173° 34' 292
184° 41'	0° 21'	Pn. = 8° 00' 36.
184° 40'	0° 30'	" 89.
0° 58'	2° 11'	Kt. 154° 42' 310.
3° 57'	2° 14'	" "
109° 21'	0° 38'	K = 111° 10' 66.
109° 21'	2° 35'	" 10

page
9.
"
2.
4.
308.
"
71.
33.

56.
3851.
292
317.
03221

19.
308.
"
292.
310.
"
36.
310.
23.
292
36.
59.
310.
"
56.
10

P.s. Mt. Willard. Next to Notch Mt. by projection, part of Twin Mt. range
 K. Mt. Willard (Willey Mt.?) This is nearest S. of the Notch Mt. which
 is the S. peak of Wht. Mts. proper.
 Mt. Willard. To Kiarsarge. = W.L. = 1.554 w. p.s. = 2658
 P.s. Same range with Mt. Willard. higher. dist.
 Iron. Mt. Willard? S. end (It goes 1. further N.
 L. Notch?
 Mt. C. Ethan's pond.

As.	alt.	~~Alt.~~	μ .
24° 20'		K=29° 07'	75.
		P=5° 00'	35.
			222.
25° 00'		K=29° 07'	75.
5° 42'	12.03'	K=173° 36'	292.
145° 13'	-1° 00'	K=161° 10'	53.
357° 14'	0° 28'	K=152° 42'	310.

Computation of table for heights of observations

Horizontal distance of object in miles

Apparent depression or altitude of object

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
-106	-91	-76	-60	-45	-30	-15	+1	+16	+31	+47	+62	+77	+93	+108	+123	+138	+154	+169	+185										
213	183	153	122	92	61	30	2	32	63	93	124	154	185	217	247	278	308	339	370										
318	274	225	179	133	87	41	5	51	97	143	189	235	281	328	374	420	466	513	559										
421	360	298	236	175	113	52	9	70	132	194	256	317	378	439	501	562	624	685	747										
524	445	369	292	215	139	62	14	91	168	244	321	398	475	552	629	706	783	860	937										
624	532	440	348	255	163	71	21	113	205	297	390	482	574	666	758	850	943	1035	1127										
725	616	509	402	294	187	79	28	135	243	351	458	566	673	780	887	995	1102	1209	1317										
823	699	576	453	330	207	84	37	160	282	406	529	652	775	897	1020	1143	1266	1389	1512										
922	783	645	507	369	231	92	46	184	322	461	599	737	875	1014	1152	1290	1428	1566	1704										
1018	864	710	557	404	250	96	57	211	365	518	672	825	979	1132	1286	1440	1593	1747	1901										
1114	945	776	608	439	270	101	69	238	407	575	744	913	1082	1252	1421	1590	1758	1927	2096										
1208	1024	840	656	471	287	103	82	266	450	635	819	1003	1187	1372	1556	1740	1924	2109	2293										
1301	1104	901	701	502	302	102	97	297	497	696	896	1095	1295	1495	1694	1894	2093	2292	2492										
1484	1254	1023	793	562	332	101	129	354	590	820	1051	1282	1512	1742	1972	2202	2432	2662	2892										
1574	1328	1082	837	591	345	100	146	392	638	883	1129	1375	1621	1866	2112	2358	2603	2849	3095										
1663	1402	1141	880	619	358	97	165	422	687	948	1209	1470	1731	1992	2254	2515	2776	3037	3298										
1750	1474	1198	921	645	368	92	185	461	738	1014	1290	1567	1843	2120	2396	2672	2949	3225	3502										
1837	1546	1254	962	670	378	86	206	498	790	1082	1374	1666	1958	2249	2540	2831	3123	3414	3705										
1922	1615	1308	1000	693	386	78	229	536	836	1131	1425	1716	2007	2297	2587	2877	3167	3457	3747										
2006	1683	1361	1038	716	393	71	252	574	897	1219	1523	1825	2127	2429	2730	3031	3332	3633	3934										
2089	1751	1411	1073	735	397	60	277	615	959	1291	1621	1951	2281	2611	2941	3271	3601	3931	4261										
2171	1819	1465	1111	758	405	51	302	655	1008	1361	1711	2061	2411	2761	3111	3461	3811	4161	4511										
2252	1885	1514	1146	777	409	40	329	697	1066	1433	1803	2173	2543	2913	3283	3653	4023	4393	4763										
2333	1947	1563	1179	795	411	37	357	741	1125	1509	1893	2277	2661	3045	3429	3813	4197	4581	4965										
2410	2010	1611	1211	812	412	13	386	766	1185	1583	1981	2374	2767	3160	3553	3946	4339	4732	5125										
2492	2070	1651	1242	828	412	22	417	832	1242	1691	2075	2490	2905	3320	3735	4150	4565	4980	5395										
2572	2071	1651	1242	828	412	22	417	832	1242	1691	2075	2490	2905	3320	3735	4150	4565	4980	5395										
2652	2071	1651	1242	828	412	22	417	832	1242	1691	2075	2490	2905	3320	3735	4150	4565	4980	5395										
2732	2071	1651	1242	828	412	22	417	832	1242	1691	2075	2490	2905	3320	3735	4150	4565	4980	5395										
2812	2071	1651	1242	828	412	22	417	832	1242	1691	2075	2490	2905	3320	3735	4150	4565	4980	5395										
2892	2071	1651	1242	828	412	22	417	832	1242	1691	2075	2490	2905	3320	3735	4150	4565	4980	5395										
2972	2071	1651	1242	828	412	22	417	832	1242	1691	2075	2490	2905	3320	3735	4150	4565	4980	5395										
3052	2071	1651	1242	828	412	22	417	832	1242	1691	2075	2490	2905	3320	3735	4150	4565	4980	5395										
3132	2071	1651	1242	828	412	22	417	832	1242	1691	2075	2490	2905	3320	3735	4150	4565	4980	5395										
3212	2071	1651	1242	828	412	22	417	832	1242	1691	2075	2490	2905	3320	3735	4150	4565	4980	5395										
3292	2071	1651	1242	828	412	22	417	832	1242	1691	2075	2490	2905	3320	3735	4150	4565	4980	5395										
3372	2071	1651	1242	828	412	22	417	832	1242	1691	2075	2490	2905	3320	3735	4150	4565	4980	5395										
3452	2071	1651	1242	828	412	22	417	832	1242	1691	2075	2490	2905	3320	3735	4150	4565	4980	5395										
3532	2071	1651	1242	828	412	22	417	832	1242	1691	2075	2490	2905	3320	3735	4150	4565	4980	5395										
3612	2071	1651	1242	828	412	22	417	832	1242	1691	2075	2490	2905	3320	3735	4150	4565	4980	5395										
3692	2071	1651	1242	828	412	22	417	832	1242	1691	2075	2490	2905	3320	3735	4150	4565	4980	5395										
3772	2071	1651	1242	828	412	22	417	832	1242	1691	2075	2490	2905	3320	3735	4150	4565	4980	5395										
3852	2071	1651	1242	828	412	22	417	832	1242	1691	2075	2490	2905	3320	3735	4150	4565	4980	5395										
3932	2071	1651	1242	828	412	22	417	832	1242	1691	2075	2490	2905	3320	3735	4150	4565	4980	5395										
4012	2071	1651	1242	828	412	22	417	832	1242	1691	2075	2490	2905	3320	3735	4150	4565	4980	5395										
4092	2071	1651	1242	828	412	22	417	832	1242	1691	2075	2490	2905	3320	3735	4150	4565	4980	5395										
4172	2071	1651	1242	828	412	22	417	832	1242	1691	2075	2490	2905	3320	3735	4150	4565	4980	5395										
4252	2071	1651	1242	828	412	22	417	832	1242	1691	2075	2490	2905	3320	3735	4150	4565	4980	5395										
4332	2071	1651	1242	828	412	22	417	832	1242	1691	2075	2490	2905	3320	3735	4150	4565	4980	5395										
4412	2071	1651	1242	828	412	22	417	832	1242	1691	2075	2490	2905	3320	3735	4150	4565	4980	5395										
4492	2071	1651	1242	828	412	22	417	832	1242	1691	2075	2490	2905	3320	3735	4150	4565	4980	5395										
4572	2071	1651	1242	828	412	22	417	832	1242	1691	2075	2490	2905	3320	3735	4150	4565	4980	5395										
4652	2071	1651	1242	828	412	22	417	832	1242	1691	2075	2490	2905	3320	3735	4150	4565	4980	5395										
4732	2071	1651	1242	828	412	22	417	832	1242	1691	2075	2490	2905	3320	3735	4150	4565	4980	5395										
4812	2071	1651	1242	828	412	22	417	832	1242	1691	2075	2490	2905	3320	3735	4150	4565	4980	5395										
4892	2071	1651	1242	828	412	22																							

