

# SCOTTISH METEOROLOGICAL SOCIETY.

OBSERVATIONS taken at Kings College, County of \_\_\_\_\_, During the MONTH of January 1913.

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Height of Cistern of the Barometer above Mean Sea Level \_\_\_\_\_ feet, above Ground \_\_\_\_\_ feet. Diameter of Rain Gauge \_\_\_\_\_ ins.

Height of Gauge above Mean Sea Level \_\_\_\_\_ feet. Height of Rim of Gauge above Ground \_\_\_\_\_ ins.

Date.	BAROMETER.		* SELF-REGISTERING THERMOMETERS.			HYGROMETER.				+RAIN.	WIND.				CLOUDS.				THERMOMETERS under Ground.			WEATHER.		GENERAL REMARKS. Occurrence of Snow, Hail, Thunder, Lightning, Fog, Gales, Meteors, Auroras, Remarkable Depression or Elevation of Barometer, etc. <i>Mention the hour at which Storms, including Thunder and Lightning, began and ended.</i>	Date.
	7 A.M.	6 P.M.	Screen.	Black Bulb Max. in Sun. 9 A.M.	Min. on Grass. 9 A.M.	7 A.M.	6 P.M.	Amount at 9 A.M.	7 A.M.		6 P.M.	Anemometer. 9 A.M.	9 A.M.	9 P.M.	9 A.M.	9 P.M.	9 A.M.	9 P.M.	9 A.M.	9 P.M.	At 9 A.M.	At 9 P.M.			
																							Barometer. inches.		
1	29.68	29.65	41	35		36.9	35.3	39.8	38.5	—	SSW	1	SW	3	—									0-7, 7, 7-1, 1, 1-6, 6, 6-12	1
2	.73	.67	44	31		30.6	29.8	42.8	41.2	.02	Calm	0	S	4	—										2
3	.61	.58	47	31		42.6	41.7	44.1	43.4	.04	SSE	4	SSE	4	—										3
4	.33	.65	47	42		46.0	44.9	43.3	41.0	—	S	5	SSW	5	—										4
5	.75	.76	42	41		41.2	39.7	38.1	37.6	—	S	3	Calm	0	—										5
6	.85	.76	47	30		30.0	29.6	41.6	40.4	—	SSE	1	SSW	4	—										6
7	.64	.76	51	30		47.1	46.1	49.6	48.1	.02	SSE	4	S	5	—										7
8	.86	.87	45	45		45.1	44.6	44.3	43.3	—	SSE	4	SSE	5	—										8
9	29.93	29.97	45	44		44.4	43.6	44.4	44.0	.00	SSE	5	SSE	5	—										9
10	30.11	30.10	41	41		40.9	40.0	40.9	38.0	—	SE	7	SSE	7	—										10
11	29.90	29.76	39	39		38.8	35.6	38.1	34.9	.14	SSE	8	SE	8	—										11
12	.80	.84	36	34		34.2	33.9	34.3	34.0	.23	SE	7	ESE	6	—										12
13	.87	.90	37	33		34.7	34.2	35.6	33.6	.05	SE	5	SE	4	—										13
14	.81	.67	40	27		36.9	34.6	39.0	38.1	.15	SSE	3	SE	6	—										14
15	.50	.29	43	36		38.3	37.4	41.2	41.0	.40	SE	7	SE	6	—										15
16	.35	.45	41	36		40.8	40.2	41.1	39.9	.01	SSE	3	SSE	3	—										16
17	.48	.50	41	38		40.0	39.6	40.1	39.0	.01	SSW	1	SSE	1	—										17
18	.52	.54	42	34		39.1	38.0	40.2	39.7	.04	SSE	2	S	1	—										18
19	.63	.54	42	30		31.1	30.6	37.6	37.0	.10	WSW	1	SE	2	—										19
20	.31	.35	43	30		41.9	41.8	41.9	41.3	.07	ESE	6	ESE	4	—										20
21	29.59	.88	38	37		37.6	37.0	35.5	34.2	.07	E	6	ENE	3	—										21
22	30.02	.93	38	28		28.6	28.1	36.6	33.0	.14	Calm	0	S	3	—										22
23	29.55	.65	37	28		36.2	36.0	35.2	34.5	.44	W	2	WNW	4	—										23
24	.61	.47	38	32		33.1	32.9	37.1	37.0	.21	Calm	0	NNW	2	—										24
25	29.70	30.09	40	32		32.0	31.1	34.7	33.2	.24	WNW	3	NW	3	—										25
26	30.29	30.21	38	28		29.2	28.0	34.0	32.0	—	WSW	1	SSW	3	—										26
27	30.05	29.99	41	28		34.0	33.2	39.2	38.0	—	WSW	1	SSE	3	—										27
28	30.00	30.00	42	33		40.7	39.0	40.0	37.9	.40	SSE	6	SSE	7	—										28
29	29.91	29.80	42	36		39.2	39.1	41.8	41.1	.45	SSE	6	SSE	4	—										29
30	29.63	28.92	42	39		41.9	41.2	41.2	40.9	.67	S	4	SSE	7	—										30
31	28.82	29.08	40	32		32.4	30.4	36.1	34.4	—	WSW	2	SW	3	—										31
Sums.	21.83	21.63	50	130		235.5	207.2	299.4	260.2	2.88															
Means.	29.704	29.698	41.6	34.2		37.6	36.7	39.7	38.4																
Instrumental Errors.	(-.032)																								
Corrected Means.																									

## BAROMETER.

Corrected Mean at 9 A.M., minus Correction for Temp. \_\_\_\_\_

Corrected Mean at 9 P.M., minus Correction for Temp. \_\_\_\_\_

Mean at Station, corrected, and at 32°, ..... 29.568

Correction for height, feet above Mean Sea Level, ... + .102

Mean, reduced to 32°, and Sea Level, ..... 29.670

Highest Reading, corrected for Index error, on th, ....

Lowest Do. Do., on th, ....

Difference, or Monthly Range, .....

## SELF-REGISTERING THERMOMETERS.

Highest in Month, on 7<sup>th</sup>, ..... 51

Lowest in Month, on 14<sup>th</sup>, ..... 27

Difference, or Monthly Range, ..... 24

Mean of all the Highest, ..... 41.6

Mean of all the Lowest, ..... 34.2

Difference, or Mean Daily Range, ..... 7.84

Mean Temperature of Month,  $\frac{1}{2}$  (Mean Max. + Mean Min.), ... 37.9

Min. on Grass, Lowest in Month, ..... +0.2

" " Mean, .....

Black Bulb, Max. in Sun, Highest in Month, .....

## ADDITIONAL REMARKS.

## HYGROMETER.

Dry Bulb, Mean of A.M. and P.M. Readings, ..... 38.7

Wet Bulb, Mean of A.M. and P.M. Readings, ..... 37.6

Computed Temperature of Dew-Point, ..... 21.4

Do. Elastic Force of Vapour, ..... 91

Do. Relative Humidity (Saturation = 100), ... 7.8

RAIN fell on 18 Days; Amount in Inches, 2.88

WIND.		SUMMARY.									
Direction.		N	NE	E	SE	S	SW	W	NW	Calm or Variable.	Mean Force 0-12.
A.M.		0	0	2	9	10	3	5	1	3	
P.M.		0	1	1	11	10	4	4	2	1	
Sum.		0	1	3	20	20	7	4	3	4	

\* If Observations are taken at 9 A.M. only, the reading of the Maximum thermometer must be entered to the previous day.

† Rain to be measured at 9 A.M. and the amount entered to the previous day.

## WEATHER.

### SUMMARY.

Number of Days of Precipitation, ...

Snow, .....

Hail, .....

Thunder, .....

Clear Sky, .....

Overcast, .....

Fog, .....

Ground Frost, .....

Gale, .....

### INSTRUMENTS IN USE.

Barometer, No. ....

Dry Bulb, No. ....

Wet Bulb, No. ....

Maximum, No. ....

Minimum, No. ....

Solar Radiation, No. ....

Grass Min., No. ....

Sun Recorder, No. ....

1-foot Therm., No. ....

4-foot Therm., No. ....

Observations made and Return verified by {

(Signed)



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SCOTTISH METEOROLOGICAL SOCIETY

122 GEORGE STREET

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Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Height of Cistern of the Barometer above Mean Sea Level \_\_\_\_\_ feet, above Ground \_\_\_\_\_ feet. Diameter of Rain Gauge \_\_\_\_\_ ins.  
 Height of Gauge above Mean Sea Level \_\_\_\_\_ feet. Height of Rim of Gauge above Ground \_\_\_\_\_ ins.

Date.	BAROMETER.		* SELF-REGISTERING THERMOMETERS.				HYGROMETER.				†RAIN.	WIND.				CLOUDS.				SUNSHINE. Hours.	THERMOMETERS under Ground.			WEATHER.		GENERAL REMARKS. Occurrence of Snow, Hail, Thunder, Lightning, Fog, Gales, Meteors, Auroras, Remarkable Depression or Elevation of Barometer, etc.  Mention the hour at which Storms, including Thunder and Lightning, began and ended.	Date.						
	7 A.M.		6 P.M.		Screen.		Black Bulb Max. in Sun. 9 P.M.	Min. on Grass. 9 A.M.	7 A.M.			6 P.M.		Amount at 9 A.M.	7 A.M.		6 P.M.		Ane- mometer. 9 A.M.		9 A.M.		9 P.M.		3 ins.			12 ins.	48 ins.	At 9 A.M.	At 9 P.M.		
	Barometer.	Attached Ther- mometer	Barometer.	Attached Ther- mometer	Max. 7 A.M.	Min. 9 A.M.			Dry bulb.	Wet bulb.		Dry bulb.	Wet bulb.		Direc- tion.	Force. Scale of 0-12.	Direc- tion.	Force. Scale of 0-12.			Species and Direc- tion.	Amount (0-100).	Species and Direc- tion.	Amount (0-100).								9 A.M.	9 P.M.
1	29.28		29.26		39	32			34.2	32.3	36.6	34.0	—	SW	5	SW	4					1.6		39.2			12-7, 7, 7-1, 1, 1-6, 6, 6-12, 9	1					
2	28		29		42	31			33.0	32.1	37.8	35.8	—	SSE	1	WSW	3					0.3		4					2				
3	35		41		53	33			42.1	41.4	50.1	47.8	—	SSW	3	SW	4					0.2		5					3				
4	70		86		47	41			43.0	40.1	41.7	38.0	14	SW	3	WSW	4					2.0		4					4				
5	71		53		48	38			38.4	38.3	34.8	34.8	18	—	0	NW	4					—		4					5				
6	68		36		45	31			36.4	35.1	43.9	43.3	02	SSW	2	SSW	3					—		3					6				
7	61		29.10		46	36			37.9	37.0	44.0	44.0	21	SSW	3	SSE	5					—		4					7				
8	64		30.01		48	38			41.6	37.6	43.6	41.6	02	WNW	8	SSW	3					5.9		4					8				
9	29.82		26		52	41			43.2	41.4	40.3	37.1	—	NW	2	SW	2					6.2		3					9				
10	30.34		42		45	37			38.1	37.0	39.6	38.2	00	SW	1	SSW	2					0.6		4					10				
11	41		52		50	38			42.6	42.6	44.3	43.1	—	SW	3	W	1					2.9		5					11				
12	63		53		50	38			37.8	37.3	46.0	45.1	—	SW	1	S	2					0.6		6					12				
13	45		47		49	34			36.3	36.0	40.0	39.8	—	W	1	—	0					1.9		6					13				
14	45		40		43	32			33.8	33.6	41.2	41.1	02	—	0	NE	1					0.1		7					14				
15	36		30		41	33			38.7	38.5	40.1	39.1	—	ENE	2	S	1					—		7					15				
16	32		43		44	38			39.2	38.4	42.6	41.7	—	SSW	2	—	0					—		8					16				
17	49		48		45	39			39.4	38.2	38.8	38.3	03	SSE	1	SE	2					2.6		9					17				
18	50		52		40	37			38.8	36.0	38.6	35.6	—	S	3	SSW	1					0.1		9					18				
19	48		42		42	32			32.0	31.2	33.1	32.0	—	W	1	—	0					1.0		39.9					19				
20	35		32		44	31			36.4	33.1	38.0	36.3	05	WNW	3	NW	2					7.5		40.0					20				
21	44		51		41	34			36.6	36.4	38.6	36.6	01	ENE	4	S	2					—		0					21				
22	46		38		46	36			36.8	35.1	39.0	37.2	—	WSW	1	SW	1					4.8		40.0					22				
23	30.20		30.06		39	32			32.8	31.6	36.6	34.3	—	SW	2	S	2					—		39.9					23				
24	29.85		29.73		43	32			37.9	35.8	39.1	38.0	—	S	1	S	1					0.2		8					24				
25	66		65		50	35			38.1	36.0	43.6	42.2	—	S	3	SSW	1					1.7		7					25				
26	61		29.56		52	37			44.0	43.4	47.4	45.4	04	S	3	SSW	2					1.7		6					26				
27	29.70		30.04		44	42			44.1	43.9	38.2	36.9	02	N	3	NNW	3					0.8		6					27				
28	30.25		30.28		40	32			32.4	32.0	37.7	35.0	—	NW	1	SE	1					0.3		39.7					28				
29																													29				
30																													30				
31																													31				
Sums.	1.02		1.10		148	150			2236	1914	153	2518	0.74									44.0		17.6									
Means.	30.036		30.039		45.3	35.4			38.0	36.8	40.5	39.0												39.6									
Instru- mental Errors.																																	
Cor- rected Means.																																	
<div>WEATHER NOTATION.</div> <div><div><div>a. denotes aurora.</div><div>b. " blue sky, cloudless.</div><div>bc. " blue sky with detached clouds.</div><div>c. " sky mainly cloudy, but with openings between the clouds.</div><div>d. " completely overcast.</div><div>e. " drizzling rain.</div><div>f. " wet air, without rain falling.</div><div>fe. " fog.</div><div>g. " wet fog.</div><div>h. " gloomy.</div><div>i. " hail.</div><div>l. " lightning.</div><div>lu.co. " lunar corona.</div><div>lu.ha. " lunar halo.</div></div><div><div>m. denotes mist.</div><div>p. " passing showers.</div><div>q. " squally.</div><div>r. " continuous rain.</div><div>s. " snow.</div><div>so.ha. " solar halo.</div><div>t. " thunder.</div><div>t.s. " thunder-storm.</div><div>u. " ugly, threatening appearance.</div><div>v. " unusual visibility of distant objects.</div><div>w. " dew.</div><div>x. " hoar frost.</div><div>z. " dust haze.</div></div></div> <div>BEAUFORT SCALE FOR ESTIMATING FORCE OF WIND—(0-12).</div> <div><div>FORCE.</div><div>0 Calm.</div><div>1 Light Air.</div><div>2 Slight Breeze.</div><div>3 Gentle Breeze.</div><div>4 Moderate Breeze.</div><div>5 Fresh Breeze.</div><div>6 Strong Breeze.</div><div>7 High Wind.</div><div>8 Gale.</div><div>9 Strong Gale.</div><div>10 Whole Gale.</div><div>11 Storm.</div><div>12 Hurricane.</div></div>																																	

<div style="border: 1px solid black; display: inline-block; padding: 2px 10px; font-weight: bold;">BAROMETER.</div>			
Corrected Mean at 9 A.M.,	<i>minus</i>	Correction for	
Temp. ....		}	
Corrected Mean at 9 P.M.,	<i>minus</i>	Correction for	
Temp. ....		}	
<b>Mean at Station, corrected, and at 32°, .....</b>			
			29.904
Correction for height,	feet above Mean Sea Level, ...		+
			.102
<b>Mean, reduced to 32°, and Sea Level, .....</b>			
			30.006
<b>Highest Reading, corrected for Index error, on</b>			
		th, .....	
<b>Lowest Do. Do., on</b>			
		th, .....	
<b>Difference, or Monthly Range, .....</b>			

SELF-REGISTERING THERMOMETERS.	
Highest in Month, on 3 th, .....	53
Lowest in Month, on 2 th, ... 6, 20	31
Difference, or Monthly Range, .....	22
Mean of all the Highest, .....	45.3
Mean of all the Lowest, .....	35.4
Difference, or Mean Daily Range, .....	9.9
Mean Temperature of Month, $\frac{1}{2}$ (Mean Max. + Mean Min.), ...	40.4
Min. on Grass, Lowest in Month, .....	
" " Mean, .....	
Black Bulb, Max. in Sun, Highest in Month, .....	

### HYGROMETER.

Dry Bulb, Mean of A.M. and P.M. Readings, .....	39.3
Wet Bulb, Mean of A.M. and P.M. Readings, .....	38.9
Computed Temperature of Dew-Point, .....	
Do. Elastic Force of Vapour, .....	.213
Do. Relative Humidity (Saturation = 100), ...	89 %.
RAIN fell on // Days; Amount in Inches, .....	0.74

WIND.	SUMMARY.								Calm or Variable.	Mean Force 0-12.
Direction.	N	NE	E	SE	S	SW	W	NW		
A.M.	1	1	1	1	7	8	4	3	2	
P.M.	1	1	2	2	9	8	2	3	3	
Sum.	1	2	1	3	16	16	6	6	5	

# WEATHER SUMMARY.

Number of Days of  
Precipitation, ... \_\_\_\_\_

Snow, ..... \_\_\_\_\_

Hail, ..... \_\_\_\_\_

Thunder, ..... \_\_\_\_\_

Clear Sky, ..... \_\_\_\_\_

Overcast, ..... \_\_\_\_\_

Fog, ..... \_\_\_\_\_

Ground Frost, ..... \_\_\_\_\_

Gale, ..... \_\_\_\_\_

# INSTRUMENTS IN USE.

Barometer, No. \_\_\_\_\_

Dry Bulb, No. \_\_\_\_\_

Wet Bulb, No. \_\_\_\_\_

Maximum, No. \_\_\_\_\_

Minimum, No. \_\_\_\_\_

Solar Radiation, No. \_\_\_\_\_

Grass Min., No. \_\_\_\_\_

Sun Recorder, No. \_\_\_\_\_

1-foot Therm., No. \_\_\_\_\_

4-foot Therm., No. \_\_\_\_\_

\* If Observations are taken at 9 A.M. only, the reading of the **Maximum** thermometer must be entered to the *previous day*.

† **Rain** to be measured at 9 A.M. and the amount entered to the *previous day*.

Observations made and  
Return verified by

(Signed).

30.038



Halfpenny  
Stamp.

THE SECRETARY

SCOTTISH METEOROLOGICAL SOCIETY

122 GEORGE STREET

EDINBURGH

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# SCOTTISH METEOROLOGICAL SOCIETY.

OBSERVATIONS taken at ABERDEEN, County of \_\_\_\_\_, During the MONTH of MARCH 1913.

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Height of Cistern of the Barometer above Mean Sea Level \_\_\_\_\_ feet, above Ground \_\_\_\_\_ feet. Diameter of Rain Gauge \_\_\_\_\_ ins.

Height of Gauge above Mean Sea Level\_\_\_\_\_feet.      Height of Rim of Gauge above Ground\_\_\_\_\_ins.

[illegible]

## BAROMETER.

Corrected	Mean	at	9	A.M.,	minus	Correction	for	
Temp.								<u>                    </u>
Corrected	Mean	at	9	P.M.,	minus	Correction	for	
Temp.								<u>                    </u>
<b>Mean at Station, corrected, and at 32°, .....</b>								<u>469</u>
Correction for height,                      feet above Mean Sea Level,...								<u>+ 102</u>
<b>Mean, reduced to 32°, and Sea Level, .....</b>								<u>29.571</u>
Highest Reading, corrected for Index error, on                      th,.....								
Lowest	Do.		Do.,		on	th,.....		
Difference, or <b>Monthly Range,</b> .....								

## SELF-REGISTERING THERMOMETERS.

Highest in Month, on	25 <sup>th</sup> , .....	54
Lowest in Month, on	18 <sup>th</sup> , .....	29
Difference, or Monthly Range, .....		25
Mean of all the Highest, .....		46.8
Mean of all the Lowest, .....		35.0
Difference, or Mean Daily Range, .....		11.8
Mean Temperature of Month, $\frac{1}{2}$ (Mean Max. + Mean Min.), ...		40.9
Min. on Grass, Lowest in Month, .....		
"            "            Mean, .....		
Black Bulb, Max. in Sun, Highest in Month, .....		

**ADDITIONAL REMARKS.**

Observations made and  
Return verified by { \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(Signed) \_\_\_\_\_

## HYGROMETER.

Dry Bulb, Mean of A.M. and P.M. Readings, .....	40.0 ✓
Wet Bulb, Mean of A.M. and P.M. Readings, .....	38.3 ✓
Computed Temperature of Dew-Point, .....	
Do. Elastic Force of Vapour, .....	213
Do. Relative Humidity (Saturation = 100), ...	86 %
RAIN fell on 17 Days; Amount in Inches, .....	3.03 ✓

WIND.		SUMMARY.									
Direction.	N	NE	E	SE	S	SW	W	NW	Caln or Variable.	Mean Force C-12.	
A.M.	1	0	1	2	3	7	8	5	4	2	
P.M.	1	1	3	2	4	8	13	3	2		
Sum.	2	0	2	6	15	21	8	6	2	✓	

\* If Observations are taken at 9 A.M. only, the reading of the Maximum thermometer must be entered to the *previous day*.

† **Rain** to be measured at 9 A.M. and the amount entered to the *previous day*.

## WEATHER SUMMARY.

Number of Days of Precipitation, ...	
Snow, .....	5
Hail, .....	1
Thunder, .....	0
Clear Sky, .....	
Overcast, .....	
Fog, .....	1
Ground Frost, .....	
Gale, .....	0

**INSTRUMENTS  
IN USE.**

Barometer, No. \_\_\_\_\_  
 Dry Bulb, No. \_\_\_\_\_  
 Wet Bulb, No. \_\_\_\_\_  
 Maximum, No. \_\_\_\_\_  
 Minimum, No. \_\_\_\_\_  
 Solar Radiation, No. \_\_\_\_\_  
 Grass Min., No. \_\_\_\_\_  
 Sun Recorder, No. \_\_\_\_\_  
 1-foot Therm., No. \_\_\_\_\_  
 4-foot Therm., No. \_\_\_\_\_



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Halfpenny  
Stamp.

THE SECRETARY  
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SCOTTISH METEOROLOGICAL SOCIETY



# SCOTTISH METEOROLOGICAL SOCIETY.

OBSERVATIONS taken at KING'S COLLEGE, County of \_\_\_\_\_, During the MONTH of APRIL 1913.

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Height of Cistern of the Barometer above Mean Sea Level \_\_\_\_\_ feet, above Ground \_\_\_\_\_ feet. Diameter of Rain Gauge \_\_\_\_\_ ins.

Height of Gauge above Mean Sea Level \_\_\_\_\_ feet. Height of Rim of Gauge above Ground \_\_\_\_\_ ins.

Date.	BAROMETER.				* SELF-REGISTERING THERMOMETERS.				HYGROMETER.				+ RAIN.	WIND.				CLOUDS.				SUNSHINE.	THERMOMETERS under Ground.			WEATHER.		GENERAL REMARKS.										Date.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	7 A.M.		6 P.M.		Screen.		Black Bulb Max. in Sun. 9 A.M.	Min. on Grass. 9 A.M.	7 A.M.		6 P.M.			Amount at 7 A.M.	7 A.M.		6 P.M.		Ane- mometer. 9 A.M.	9 A.M.			9 P.M.		9 A.M.			At 9 A.M.	At 9 P.M.	Occurrence of Snow, Hail, Thunder, Lightning, Fog, Gales, Meteors, Auroras, Remarkable Depression or Elevation of Barometer, etc. <i>Mention the hour at which Storms, including Thunder and Lightning, began and ended.</i>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Barometer.	Attached Ther- mometer	Barometer.	Attached Ther- mometer	Max. 7 A.M.	Min. 7 A.M.			9 P.M.	Dry bulb.	Wet bulb.	Dry bulb.			Wet bulb.	Direction.	Force. Scale of 0-12.	Direction.		Force. Scale of 0-12.	Species and Direction.		Amount (0-10).	Species and Direction.	Amount (0-10).	3 ins.	12 ins.			48 ins.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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WEATHER NOTATION.									
a. denotes aurora.	b. blue sky, cloudless.	c. blue sky with detached clouds.	d. sky mainly cloudy, but with openings between the clouds.	e. completely overcast.	f. drizzling rain.	g. wet air, without rain falling.	h. fog.	i. wet fog.	j. gloomy.
k. hail.	l. lightning.	m. lunar corona.	n. lunar halo.	m. denotes mist.	p. passing showers.	q. squally.	r. continuous rain.	s. snow.	so. ha. solar halo.
t. thunder.	th. thunder-storm.	u. ugly, threatening appearance.	v. unusual visibility of distant objects.	w. dew.	x. hoar frost.	y. dust haze.			

BEAUFORT SCALE FOR ESTIMATING FORCE OF WIND—(0-12).									
0 Calm.	1 Light Air.	2 Slight Breeze.	3 Gentle Breeze.	4 Moderate Breeze.	5 Fresh Breeze.	6 Strong Breeze.	7 High Wind.	8 Gale.	9 Strong Gale.
									10 Whole Gale.
									11 Storm.
									12 Hurricane.

## BAROMETER.

Corrected Mean at 9 A.M., minus Correction for Temp. \_\_\_\_\_

Corrected Mean at 9 P.M., minus Correction for Temp. \_\_\_\_\_

Mean at Station, corrected, and at 32°, \_\_\_\_\_ 29.670 ✓

Correction for height, feet above Mean Sea Level, + .102 ✓

Mean, reduced to 32°, and Sea Level, \_\_\_\_\_ 29.772 ✓

Highest Reading, corrected for Index error, on th, \_\_\_\_\_

Lowest Do. Do. on th, \_\_\_\_\_

Difference, or Monthly Range, \_\_\_\_\_

## SELF-REGISTERING THERMOMETERS.

Highest in Month, on 22th, \_\_\_\_\_ 58.

Lowest in Month, on 13th, \_\_\_\_\_ 28.

Difference, or Monthly Range, \_\_\_\_\_ 30.

Mean of all the Highest, \_\_\_\_\_ 49.3

Mean of all the Lowest, \_\_\_\_\_ 37.6

Difference, or Mean Daily Range, \_\_\_\_\_ 11.7

Mean Temperature of Month,  $\frac{1}{2}$  (Mean Max. + Mean Min.), \_\_\_\_\_ 43.5 ✓

Min. on Grass, Lowest in Month, \_\_\_\_\_

" " Mean, \_\_\_\_\_

Black Bulb, Max. in Sun, Highest in Month, \_\_\_\_\_

## ADDITIONAL REMARKS.

.804  
.032  
.772

## HYGROMETER.

Dry Bulb, Mean of A.M. and P.M. Readings, \_\_\_\_\_ 43.4 ✓

Wet Bulb, Mean of A.M. and P.M. Readings, \_\_\_\_\_ 41.8 ✓

Computed Temperature of Dew-Point, \_\_\_\_\_

Do. Elastic Force of Vapour, \_\_\_\_\_ .247

Do. Relative Humidity (Saturation = 100), \_\_\_\_\_ 87.9 ✓

RAIN fell on 14 Days; Amount in Inches, \_\_\_\_\_ 2.76

WIND. SUMMARY.									
Direction.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.
A.M.	3	0	0	2	9	4	3	6	3
P.M.	3	0	0	6	11	3	1	3	1
Sum.	8	0	0	8	20	7	4	9	4

\* If Observations are taken at 9 A.M. only, the reading of the Maximum thermometer must be entered to the previous day.

† Rain to be measured at 9 A.M. and the amount entered to the previous day.

## WEATHER SUMMARY.

Number of Days of Precipitation, ...

Snow, ...

Hail, ...

Thunder, ...

Clear Sky, ...

Overcast, ...

Fog, ...

Ground Frost, ...

Gale, ...

## INSTRUMENTS IN USE.

Barometer, No. \_\_\_\_\_

Dry Bulb, No. \_\_\_\_\_

Wet Bulb, No. \_\_\_\_\_

Maximum, No. \_\_\_\_\_

Minimum, No. \_\_\_\_\_

Solar Radiation, No. \_\_\_\_\_

Grass Min., No. \_\_\_\_\_

Sun Recorder, No. \_\_\_\_\_

1-foot Therm., No. \_\_\_\_\_

4-foot Therm., No. \_\_\_\_\_

Observations made and Return verified by \_\_\_\_\_

(Signed) \_\_\_\_\_



THE SECRETARY

SCOTTISH METEOROLOGICAL SOCIETY

122 GEORGE STREET

EDINBURGH

BOOK POST

Halfpenny  
Stamp.

ADDITIONAL REMARKS

THE FOLLOWING TABLES  
GIVE THE MEAN  
TEMPERATURES  
FOR EACH MONTH  
AND THE MEAN  
ANNUAL  
TEMPERATURE  
FOR EACH YEAR  
FROM 1851 TO 1880  
AND THE MEAN  
ANNUAL  
TEMPERATURE  
FOR EACH YEAR  
FROM 1881 TO 1890  
AND THE MEAN  
ANNUAL  
TEMPERATURE  
FOR EACH YEAR  
FROM 1891 TO 1900

MEAN ANNUAL TEMPERATURE

MEAN ANNUAL TEMPERATURE

MEAN ANNUAL TEMPERATURE

Year	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Mean Annual Temperature	50.1	49.8	50.2	50.5	50.3	50.6	50.4	50.7	50.5	50.8	50.6	50.9	50.7	51.0	50.8	51.1	50.9	51.2	51.0	51.3	51.1	51.4	51.2	51.5	51.3	51.6	51.4	51.7	51.5	51.8	51.6	51.9	51.7	52.0	51.8	52.1	51.9	52.2	52.0	52.3	52.1	52.4	52.2	52.5	52.3	52.6	52.4	52.7	52.5	52.8	52.6	52.9	52.7	53.0	52.8	53.1	52.9	53.2	53.0	53.3	53.1	53.4	53.2	53.5	53.3	53.6	53.4	53.7	53.5	53.8	53.6	53.9	53.7	54.0	53.8	54.1	53.9	54.2	54.0	54.3	54.1	54.4	54.2	54.5	54.3	54.6	54.4	54.7	54.5	54.8	54.6	54.9	54.7	55.0	54.8	55.1	54.9	55.2	55.0	55.3	55.1	55.4	55.2	55.5	55.3	55.6	55.4	55.7	55.5	55.8	55.6	55.9	55.7	56.0	55.8	56.1	55.9	56.2	56.0	56.3	56.1	56.4	56.2	56.5	56.3	56.6	56.4	56.7	56.5	56.8	56.6	56.9	56.7	57.0	56.8	57.1	56.9	57.2	57.0	57.3	57.1	57.4	57.2	57.5	57.3	57.6	57.4	57.7	57.5	57.8	57.6	57.9	57.7	58.0	57.8	58.1	57.9	58.2	58.0	58.3	58.1	58.4	58.2	58.5	58.3	58.6	58.4	58.7	58.5	58.8	58.6	58.9	58.7	59.0	58.8	59.1	58.9	59.2	59.0	59.3	59.1	59.4	59.2	59.5	59.3	59.6	59.4	59.7	59.5	59.8	59.6	59.9	59.7	60.0	59.8	60.1	59.9	60.2	60.0	60.3	60.1	60.4	60.2	60.5	60.3	60.6	60.4	60.7	60.5	60.8	60.6	60.9	60.7	61.0	60.8	61.1	60.9	61.2	61.0	61.3	61.1	61.4	61.2	61.5	61.3	61.6	61.4	61.7	61.5	61.8	61.6	61.9	61.7	62.0	61.8	62.1	61.9	62.2	62.0	62.3	62.1	62.4	62.2	62.5	62.3	62.6	62.4	62.7	62.5	62.8	62.6	62.9	62.7	63.0	62.8	63.1	62.9	63.2	63.0	63.3	63.1	63.4	63.2	63.5	63.3	63.6	63.4	63.7	63.5	63.8	63.6	63.9	63.7	64.0	63.8	64.1	63.9	64.2	64.0	64.3	64.1	64.4	64.2	64.5	64.3	64.6	64.4	64.7	64.5	64.8	64.6	64.9	64.7	65.0	64.8	65.1	64.9	65.2	65.0	65.3	65.1	65.4	65.2	65.5	65.3	65.6	65.4	65.7	65.5	65.8	65.6	65.9	65.7	66.0	65.8	66.1	65.9	66.2	66.0	66.3	66.1	66.4	66.2	66.5	66.3	66.6	66.4	66.7	66.5	66.8	66.6	66.9	66.7	67.0	66.8	67.1	66.9	67.2	67.0	67.3	67.1	67.4	67.2	67.5	67.3	67.6	67.4	67.7	67.5	67.8	67.6	67.9	67.7	68.0	67.8	68.1	67.9	68.2	68.0	68.3	68.1	68.4	68.2	68.5	68.3	68.6	68.4	68.7	68.5	68.8	68.6	68.9	68.7	69.0	68.8	69.1	68.9	69.2	69.0	69.3	69.1	69.4	69.2	69.5	69.3	69.6	69.4	69.7	69.5	69.8	69.6	69.9	69.7	70.0	69.8	70.1	69.9	70.2	70.0	70.3	70.1	70.4	70.2	70.5	70.3	70.6	70.4	70.7	70.5	70.8	70.6	70.9	70.7	71.0	70.8	71.1	70.9	71.2	71.0	71.3	71.1	71.4	71.2	71.5	71.3	71.6	71.4	71.7	71.5	71.8	71.6	71.9	71.7	72.0	71.8	72.1	71.9	72.2	72.0	72.3	72.1	72.4	72.2	72.5	72.3	72.6	72.4	72.7	72.5	72.8	72.6	72.9	72.7	73.0	72.8	73.1	72.9	73.2	73.0	73.3	73.1	73.4	73.2	73.5	73.3	73.6	73.4	73.7	73.5	73.8	73.6	73.9	73.7	74.0	73.8	74.1	73.9	74.2	74.0	74.3	74.1	74.4	74.2	74.5	74.3	74.6	74.4	74.7	74.5	74.8	74.6	74.9	74.7	75.0	74.8	75.1	74.9	75.2	75.0	75.3	75.1	75.4	75.2	75.5	75.3	75.6	75.4	75.7	75.5	75.8	75.6	75.9	75.7	76.0	75.8	76.1	75.9	76.2	76.0	76.3	76.1	76.4	76.2	76.5	76.3	76.6	76.4	76.7	76.5	76.8	76.6	76.9	76.7	77.0	76.8	77.1	76.9	77.2	77.0	77.3	77.1	77.4	77.2	77.5	77.3	77.6	77.4	77.7	77.5	77.8	77.6	77.9	77.7	78.0	77.8	78.1	77.9	78.2	78.0	78.3	78.1	78.4	78.2	78.5	78.3	78.6	78.4	78.7	78.5	78.8	78.6	78.9	78.7	79.0	78.8	79.1	78.9	79.2	79.0	79.3	79.1	79.4	79.2	79.5	79.3	79.6	79.4	79.7	79.5	79.8	79.6	79.9	79.7	80.0	79.8	80.1	79.9	80.2	80.0	80.3	80.1	80.4	80.2	80.5	80.3	80.6	80.4	80.7	80.5	80.8	80.6	80.9	80.7	81.0	80.8	81.1	80.9	81.2	81.0	81.3	81.1	81.4	81.2	81.5	81.3	81.6	81.4	81.7	81.5	81.8	81.6	81.9	81.7	82.0	81.8	82.1	81.9	82.2	82.0	82.3	82.1	82.4	82.2	82.5	82.3	82.6	82.4	82.7	82.5	82.8	82.6	82.9	82.7	83.0	82.8	83.1	82.9	83.2	83.0	83.3	83.1	83.4	83.2	83.5	83.3	83.6	83.4	83.7	83.5	83.8	83.6	83.9	83.7	84.0	83.8	84.1	83.9	84.2	84.0	84.3	84.1	84.4	84.2	84.5	84.3	84.6	84.4	84.7	84.5	84.8	84.6	84.9	84.7	85.0	84.8	85.1	84.9	85.2	85.0	85.3	85.1	85.4	85.2	85.5	85.3	85.6	85.4	85.7	85.5	85.8	85.6	85.9	85.7	86.0	85.8	86.1	85.9	86.2	86.0	86.3	86.1	86.4	86.2	86.5	86.3	86.6	86.4	86.7	86.5	86.8	86.6	86.9	86.7	87.0	86.8	87.1	86.9	87.2	87.0	87.3	87.1	87.4	87.2	87.5	87.3	87.6	87.4	87.7	87.5	87.8	87.6	87.9	87.7	88.0	87.8	88.1	87.9	88.2	88.0	88.3	88.1	88.4	88.2	88.5	88.3	88.6	88.4	88.7	88.5	88.8	88.6	88.9	88.7	89.0	88.8	89.1	88.9	89.2	89.0	89.3	89.1	89.4	89.2	89.5	89.3	89.6	89.4	89.7	89.5	89.8	89.6	89.9	89.7	90.0	89.8	90.1	89.9	90.2	90.0	90.3	90.1	90.4	90.2	90.5	90.3	90.6	90.4	90.7	90.5	90.8	90.6	90.9	90.7	91.0	90.8	91.1	90.9	91.2	91.0	91.3	91.1	91.4	91.2	91.5	91.3	91.6	91.4	91.7	91.5	91.8	91.6	91.9	91.7	92.0	91.8	92.1	91.9	92.2	92.0	92.3	92.1	92.4	92.2	92.5	92.3	92.6	92.4	92.7	92.5	92.8	92.6	92.9	92.7	93.0	92.8	93.1	92.9	93.2	93.0	93.3	93.1	93.4	93.2	93.5	93.3	93.6	93.4	93.7	93.5	93.8	93.6	93.9	93.7	94.0	93.8	94.1	93.9	94.2	94.0	94.3	94.1	94.4	94.2	94.5	94.3	94.6	94.4	94.7	94.5	94.8	94.6	94.9	94.7	95.0	94.8	95.1	94.9	95.2	95.0	95.3	95.1	95.4	95.2	95.5	95.3	95.6	95.4	95.7	95.5	95.8	95.6	95.9	95.7	96.0	95.8	96.1	95.9	96.2	96.0	96.3	96.1	96.4	96.2	96.5	96.3	96.6	96.4	96.7	96.5	96.8	96.6	96.9	96.7	97.0	96.8	97.1	96.9	97.2	97.0	97.3	97.1	97.4	97.2	97.5	97.3	97.6	97.4	97.7	97.5	97.8	97.6	97.9	97.7	98.0	97.8	98.1	97.9	98.2	98.0	98.3	98.1	98.4	98.2	98.5	98.3	98.6	98.4	98.7	98.5	98.8	98.6	98.9	98.7	99.0	98.8	99.1	98.9	99.2	99.0	99.3	99.1	99.4	99.2	99.5	99.3	99.6	99.4	99.7	99.5	99.8	99.6	99.9	99.7	100.0	99.8	100.1	99.9	100.2	100.0	100.3	100.1	100.4	100.2	100.5	100.3	100.6	100.4	100.7	100.5	100.8	100.6	100.9	100.7	101.0	100.8	101.1	100.9	101.2	101.0	101.3	101.1	101.4	101.2	101.5	101.3	101.6	101.4	101.7	101.5	101.8	101.6	101.9	101.7	102.0	101.8	102.1	101.9	102.2



# SCOTTISH METEOROLOGICAL SOCIETY.

OBSERVATIONS taken at KING'S COLLEGE, County of ABERDEEN, During the MONTH of MAY 1913.

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Height of Cistern of the Barometer above Mean Sea Level \_\_\_\_\_ feet, above Ground \_\_\_\_\_ feet. Diameter of Rain Gauge \_\_\_\_\_ ins.  
Height of Gauge above Mean Sea Level \_\_\_\_\_ feet. Height of Rim of Gauge above Ground \_\_\_\_\_ ins.

Date.	BAROMETER.		* SELF-REGISTERING THERMOMETERS.				HYGROMETER.				+ RAIN.	WIND.				CLOUDS.				SUNSHINE.	THERMOMETERS under Ground.			WEATHER.		GENERAL REMARKS.										Date.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	7 A.M.		6 P.M.		Screen.		Black Bulb Max. in Sun. 9 P.M.	Min. on Grass. 9 A.M.	7 A.M.			6 P.M.		Amount at 9 A.M.	7 A.M.		6 P.M.		Ane. monometer. 9 A.M.		9 A.M.		9 P.M.		9 A.M.			At 9 A.M.	At 9 P.M.	Occurrence of Snow, Hail, Thunder, Lightning, Fog, Gales, Meteors, Auroras, Remarkable Depression or Elevation of Barometer, etc.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	Barometer.	Attached Ther- mometer	Barometer.	Attached Ther- mometer	Max. 7 A.M.	Min. 7 A.M.			Dry bulb.	Wet bulb.		Dry bulb.	Wet bulb.		Direc- tion.	Force. Scale of 0-12.	Direc- tion.	Force. Scale of 0-12.			Species and Direc- tion.	Amount (0-10).	Species and Direc- tion.	Amount (0-10).	3 ins.	12 ins.	48 ins.			Mention the hour at which Storms, including Thunder and Lightning, began and ended.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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WEATHER NOTATION.			
a. denotes aurora.	b. blue sky, cloudless.	c. blue sky with detached clouds.	d. sky mainly cloudy, but with openings between the clouds.
e. completely overcast.	f. drizzling rain.	g. wet air, without rain falling.	h. fog.
i. wet fog.	j. gloomy.	k. hail.	l. lightning.
lu. co. lunar corona.	lu. ha. lunar halo.	m. denotes mist.	n. passing showers.
o. equally.	p. continuous rain.	q. snow.	r. solar halo.
s. thunder.	t. thunder-storm.	u. ugly, threatening appearance.	v. unusual visibility of distant objects.
w. dew.	x. hoar frost.	y. dust haze.	z. dust haze.

BEAUFORT SCALE FOR ESTIMATING FORCE OF WIND—(0-12).			
0 Calm.	5 Fresh Breeze.	10 Whole Gale.	15 Hurricane.
1 Light Air.	6 Strong Breeze.	11 Storm.	
2 Slight Breeze.	7 High Wind.	12 Hurricane.	
3 Gentle Breeze.	8 Gale.		
4 Moderate Breeze.			

## BAROMETER.

Corrected Mean at 9 A.M., minus Correction for Temp. \_\_\_\_\_  
Corrected Mean at 9 P.M., minus Correction for Temp. \_\_\_\_\_  
Mean at Station, corrected, and at 32°, \_\_\_\_\_  
Correction for height, feet above Mean Sea Level, + \_\_\_\_\_  
Mean, reduced to 32°, and Sea Level, \_\_\_\_\_  
Highest Reading, corrected for Index error, on th, \_\_\_\_\_  
Lowest Do. Do. on th, \_\_\_\_\_  
Difference, or Monthly Range, \_\_\_\_\_

## SELF-REGISTERING THERMOMETERS.

Highest in Month, on 25 th, \_\_\_\_\_  
Lowest in Month, on 13 th, \_\_\_\_\_  
Difference, or Monthly Range, \_\_\_\_\_  
Mean of all the Highest, \_\_\_\_\_  
Mean of all the Lowest, \_\_\_\_\_  
Difference, or Mean Daily Range, \_\_\_\_\_  
Mean Temperature of Month,  $\frac{1}{2}$  (Mean Max. + Mean Min.), \_\_\_\_\_  
Min. on Grass, Lowest in Month, \_\_\_\_\_  
" " Mean, \_\_\_\_\_  
Black Bulb, Max. in Sun, Highest in Month, \_\_\_\_\_

## ADDITIONAL REMARKS.

29.879  
- .032  
847

## HYGROMETER.

Dry Bulb, Mean of A.M. and P.M. Readings, \_\_\_\_\_  
Wet Bulb, Mean of A.M. and P.M. Readings, \_\_\_\_\_  
Computed Temperature of Dew-Point, \_\_\_\_\_  
Do. Elastic Force of Vapour, \_\_\_\_\_  
Do. Relative Humidity (Saturation = 100), \_\_\_\_\_  
RAIN fell on 14 Days; Amount in Inches, \_\_\_\_\_

WIND.		SUMMARY.									
Direction.		N	NE	E	SE	S	SW	W	NW	Calm or Variable.	Mean Force 0-12.
A.M.		1	1	2	7	6	5	2	3	4	
P.M.			1	5	9	7	4	1	2	2	
Sum.		1	2	7	16	13	9	3	5	6	

\* If Observations are taken at 9 A.M. only, the reading of the Maximum thermometer must be entered to the previous day.

† Rain to be measured at 9 A.M. and the amount entered to the previous day.

## WEATHER SUMMARY.

Number of Days of Precipitation, ...  
Snow, ...  
Hail, ...  
Thunder, ...  
Clear Sky, ...  
Overcast, ...  
Fog, ...  
Ground Frost, ...  
Gale, ...

## INSTRUMENTS IN USE.

Barometer, No. \_\_\_\_\_  
Dry Bulb, No. \_\_\_\_\_  
Wet Bulb, No. \_\_\_\_\_  
Maximum, No. \_\_\_\_\_  
Minimum, No. \_\_\_\_\_  
Solar Radiation, No. \_\_\_\_\_  
Grass Min., No. \_\_\_\_\_  
Sun Recorder, No. \_\_\_\_\_  
1-foot Therm., No. \_\_\_\_\_  
4-foot Therm., No. \_\_\_\_\_

Observations made and Return verified by {  
(Signed) \_\_\_\_\_



THE SECRETARY

SCOTTISH METEOROLOGICAL SOCIETY

122 GEORGE STREET

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# SCOTTISH METEOROLOGICAL SOCIETY.

OBSERVATIONS taken at KING'S COLLEGE, County of ABERDEEN, During the MONTH of JUNE 1913

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Height of Cistern of the Barometer above Mean Sea Level \_\_\_\_\_ feet, above Ground \_\_\_\_\_ feet. Diameter of Rain Gauge \_\_\_\_\_ ins.

Height of Gauge above Mean Sea Level\_\_\_\_\_feet.      Height of Rim of Gauge above Ground\_\_\_\_\_ins.

[illegible]

## BAROMETER.

Corrected Mean at 9 A.M.,	<i>minus</i>	Correction for	
Temp.....	—		}
Corrected Mean at 9 P.M.,	<i>minus</i>	Correction for	
Temp.....	—		}
<b>Mean at Station, corrected, and at 32°, .....</b>			<u>29.830</u>
Correction for height,	feet above Mean Sea Level,...	+	<u>99</u>
<b>Mean, reduced to 32°, and Sea Level, .....</b>			<u>29.929</u>
Highest Reading, corrected for Index error, on			th,.....
Lowest	Do.	Do.,	on th,.....
Difference, or <b>Monthly Range,</b> .....			

## SELF-REGISTERING THERMOMETERS.

Highest in Month, on 28 <sup>th</sup> , .....	70
Lowest in Month, on 13 <sup>th</sup> , .....	42
Difference, or Monthly Range, .....	28
Mean of all the Highest, .....	62.0
Mean of all the Lowest, .....	48.3
Difference, or Mean Daily Range, .....	13.7
Mean Temperature of Month, $\frac{1}{2}$ (Mean Max. + Mean Min.), ...	55.2
Min. on Grass, Lowest in Month, .....	
” ” Mean, .....	
Black Bulb, Max. in Sun, Highest in Month, .....	

**ADDITIONAL REMARKS.**

### HYGROMETER.

<b>Dry Bulb</b> , Mean of A.M. and P.M. Readings, .....	55.0
<b>Wet Bulb</b> , Mean of A.M. and P.M. Readings, .....	51.3 ✓
Computed <b>Temperature of Dew-Point</b> , .....	
Do. <b>Elastic Force of Vapour</b> , .....	33.2
Do. <b>Relative Humidity</b> (Saturation = 100),...	77 %
<b>RAIN</b> fell on // Days; Amount in Inches, 1.31 ✓	

WIND.		SUMMARY.								
Direction.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.	Mean Force 0-12.
A.M.	2	3		3	6	4	3	4	5	
P.M.	1	3	2	4	8	6	1	4	1	
Sum.	3	6	2	7	14	10	4	8	6	✓

\* If Observations are taken at 9 A.M. only, the reading of the **Maximum** thermometer must be entered to the *previous day*.

† **Rain** to be measured at 9 A.M. and the amount entered to the *previous day*.

## WEATHER SUMMARY.

Number of Days of Precipitation, ...	
Snow, .....	0
Hail, .....	0
Thunder, .....	1
Clear Sky, .....	
Overcast, .....	
Fog, .....	4
Ground Frost, .....	
Gale, .....	0

## INSTRUMENTS IN USE.

Barometer, No. \_\_\_\_\_  
 Dry Bulb, No. \_\_\_\_\_  
 Wet Bulb, No. \_\_\_\_\_  
 Maximum, No. \_\_\_\_\_  
 Minimum, No. \_\_\_\_\_  
 Solar Radiation, No. \_\_\_\_\_  
 Grass Min., No. \_\_\_\_\_  
 Sun Recorder, No. \_\_\_\_\_  
 1-foot Therm., No. \_\_\_\_\_  
 4-foot Therm., No. \_\_\_\_\_

Observations made and  
Return verified by

(Signed).







Height of Gauge above Mean Sea Level\_\_\_\_\_feet.      Height of Rim of Gauge above Ground\_\_\_\_\_ins.

N	4
NNE	2
NE	1
E	1
E	4
ENE	4
SE	1
SSE	2
S	4
SSW	0
SW	0
WSW	0
W	0
WNW	1
NW	4
NNW	2
e.	0
<hr/>	
31	



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# SCOTTISH METEOROLOGICAL SOCIETY.

OBSERVATIONS taken at Aberdeen (King's College) County of \_\_\_\_\_, During the MONTH of August 1913.

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Height of Cistern of the Barometer above Mean Sea Level \_\_\_\_\_ feet, above Ground \_\_\_\_\_ feet. Diameter of Rain Gauge \_\_\_\_\_ ins.

Height of Gauge above Mean Sea Level\_\_\_\_\_feet.      Height of Rim of Gauge above Ground\_\_\_\_\_ins.

[illegible]

<b>BAROMETER.</b>	
Corrected Mean at 9 A.M., <i>minus</i> Correction for }	
Temp. ....	
Corrected Mean at 9 P.M., <i>minus</i> Correction for }	
Temp. ....	
Mean at Station, corrected, and at 32°, .....	29.908 ✓
Correction for height,                      feet above Mean Sea Level, ...	+ 99 ✓
Mean, reduced to 32°, and Sea Level, .....	30.007 ✓
Highest Reading, corrected for Index error, on                      th, .....	
Lowest                      Do.                      Do.,                      on                      th, .....	
Difference, or <b>Monthly Range</b> , .....	

## SELF-REGISTERING THERMOMETER.

Highest in Month, on <u>7<sup>th</sup></u> <sup>25 3 23</sup> <u>th</u> , .....	<u>76.</u> <sup>2 2 7 3 2 3</sup>
Lowest in Month, on <u>12<sup>th</sup></u> , .....	<u>76.</u> <u>41.</u>
Difference, or <b>Monthly Range</b> , .....	<u>35.</u>
Mean of all the Highest, .....	<u>64.3</u> ✓
Mean of all the Lowest, .....	<u>49.3</u> ✓
Difference, or <b>Mean Daily Range</b> , .....	<u>15.0</u> ✓
<b>Mean Temperature</b> of Month, $\frac{1}{2}$ (Mean Max. + Mean Min.), ...	<u>56.8</u> ✓
<b>Min. on Grass</b> , Lowest in Month, .....	<u>+0.3</u>
” ” Mean, .....	
<b>Black Bulb, Max. in Sun</b> , Highest in Month, .....	

### HYGROMETER.

Dry Bulb, Mean of A.M. and P.M. Readings, .....	56.2 ✓
Wet Bulb, Mean of A.M. and P.M. Readings, .....	53.1 ✓
Computed Temperature of Dew-Point, .....	
Do. Elastic Force of Vapour, .....	.365 ✓
Do. Relative Humidity (Saturation = 100), ...	81 ✓
RAIN fell on 13 Days; Amount in Inches,	1.33 ✓

WIND.		SUMMARY.									
Direction.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.	Mean Force 0-12.	
A.M.	2	0	0	1	5	3	5	11	4		
P.M.	10	0	3	5	4	4	1	3	1		
Sum.	12	0	3	6	9	7	6	14	5		

# WEATHER SUMMARY.

Number of Days of	
Precipitation, ...	
Snow, .....	
Hail, .....	
Thunder, .....	2
Clear Sky, .....	
Overcast, .....	
Fog, .....	2
Ground Frost, .....	
Gale, .....	

INSTRUMENTS  
IN USE.

Barometer, No. \_\_\_\_\_  
 Dry Bulb, No. \_\_\_\_\_  
 Wet Bulb, No. \_\_\_\_\_  
 Maximum, No. \_\_\_\_\_  
 Minimum, No. \_\_\_\_\_  
 Solar Radiation, No. \_\_\_\_\_  
 Grass Min., No. \_\_\_\_\_  
 Sun Recorder, No. \_\_\_\_\_  
 1-foot Therm., No. \_\_\_\_\_  
 4-foot Therm., No. \_\_\_\_\_

\* If Observations are taken at 9 A.M. only, the reading of the Maximum thermometer must be entered to the *previous day*.

† **Rain** to be measured at 9 A.M. and the amount entered to the *previous day*.

Observations made and Return verified by	
_____	

(Signed)



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# SCOTTISH METEOROLOGICAL SOCIETY.

OBSERVATIONS taken at Aberdeen (King's Coll.), County of \_\_\_\_\_, During the MONTH of September 1913.

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Height of Cistern of the Barometer above Mean Sea Level \_\_\_\_\_ feet, above Ground \_\_\_\_\_ feet. Diameter of Rain Gauge \_\_\_\_\_ ins.

Height of Gauge above Mean Sea Level\_\_\_\_\_feet.      Height of Rim of Gauge above Ground\_\_\_\_\_ins.

Date.	BAROMETER.				* SELF-REGISTERING THERMOMETERS.				HYGROMETER.				†RAIN.  Amount at 9 A.M.	WIND.				CLOUDS.				SUNSHINE.  Hours.	THERMOMETERS under Ground.			WEATHER.		GENERAL REMARKS.  Occurrence of Snow, Hail, Thunder, Lightning, Fog, Gales, Meteors, Auroras, Remarkable Depression or Elevation of Barometer, etc.  Mention the hour at which Storms, including Thunder and Lightning, began and ended.	Data.		
	7 A.M.		6 P.M.		Screen.		Black Bulb Max. in Sun. 9 P.M.	Min. on Grass. 9 A.M.	7 A.M.		6 P.M.			7 A.M.		6 P.M.		Ane-mometer. 9 A.M.	9 A.M.		9 P.M.		9 A.M.			At 9 A.M.	At 9 P.M.				
	Barometer.	Attached Ther-mometer	Barometer.	Attached Ther-mometer	Max. 7 A.M.	Min. 7 A.M.			Dry bulb.	Wet bulb.	Dry bulb.	Wet bulb.		Direction.	Force. Scale of 0-12.	Direction.	Force. Scale of 0-12.		Species and Direc-tion.	Amount (0-10).	Species and Direc-tion.		Amount (0-10).	3 ins.	12 ins.					48 ins.	
																															inches.
1	30.15		30.21		59	47			52.3	50.0	53.0	47.8	-	N.N.W	3	N	3						0.8		54.2						1
2	.24		.27		57	49			51.5	47.6	52.6	48.0	-	N	3	N.N.E	3						0.1		54.2						2
3	.30		.34		60	50			52.1	48.9	55.2	53.3	-	N.N.E	1	E	2						2.5		54.1						3
4	.38		.37		63	49			55.8	54.5	56.2	55.1	-	E	3	E	3						9.4		54.0						4
5	.38		.43		62	50			55.2	53.6	54.8	52.4	-	E	3	N.E	3						8.2		53.9						5
6	.51		.54		56	52			52.6	49.1	53.9	50.6	-	N.N.E	2	E.N.E	2						-		53.9						6
7	.52		.38		61	45			49.1	47.8	53.3	50.0	-	-	0	S.S.E	3						8.8		53.9						7
8	.28		.24		57	43			48.7	47.8	52.9	51.8	.07	W	1	N	2						-		53.8			m			8
9	.21		.24		63	43			47.6	47.4	54.8	52.5	.01	-	0	N.N.W	3						4.3		53.8			m			9
10	30.28		30.13		61	47			50.8	48.4	57.0	55.9	.07	W	1	S.W	1						0.5		53.7						10
11	29.94		29.77		67	50			54.9	52.8	60.0	58.2	.07	S.W	2	S.S.W	1						1.1		53.6						11
12	.40		.49		63	54			57.3	56.0	55.1	50.4	.01	S	4	S.W	1						0.4		53.5						12
13	.58		.56		54	46			46.3	44.4	46.4	46.2	.44	-	0	N	3						-		53.4						13
14	.41		.40		59	46			53.9	53.9	55.0	54.1	.39	N.E	2	S.E	4						2.6		53.4			m			14
15	.59		.68		59	53			53.8	53.1	54.6	52.1	.49	E	3	S	2						4.1		53.3						15
16	.67		.62		56	45			50.2	50.0	54.4	54.2	.22	N.W	2	N	2						-		53.1						16
17	.78		.84		60	45			46.3	46.3	52.0	51.2	.03	-	0	N.E	3						3.0		52.9			m			17
18	.91		.94		56	45			47.8	47.0	52.7	50.0	-	-	0	-	0						0.3		52.8						18
19	.94		29.96		57	47			47.3	46.9	52.8	51.0	-	N.W	2	E.S.E	2						2.2		52.7						19
20	29.99		30.03		58	45			48.7	47.8	52.8	51.2	-	N.W	2	E.	1						3.1		52.6						20
21	30.11		.17		60	47			47.8	47.5	54.1	52.9	.04	N.W	1	E.S.E	1						3.1		52.6						21
22	.18		30.12		59	47			51.4	50.8	52.4	51.8	-	E.S.E	1	E.S.E	3						4.0		52.4						22
23	30.02		29.91		56	51			54.0	52.6	54.1	53.8	.15	S.E	6	S.E	4						-		52.4						23
24	29.83		.80		59	53			55.4	55.2	57.6	56.2	.01	S.S.E	3	S.S.E	4						0.4		52.4						24
25	.85		.80		58	55			56.8	56.3	56.3	55.3	.03	S.S.E	5	S.S.E	5						-		52.4			m			25
26	.91		.96		65	54			55.4	54.9	58.6	57.0	.02	S.S.W	2	S	1						8.2		52.4			m			26
27	29.95		29.99		62	55			54.9	54.6	55.1	55.1	-	S.S.W	1	S.E	1						0.9		52.4			m			27
28	30.01		30.09		62	54			54.5	54.3	57.1	56.2	-	S	2	S.S.E	3						2.6		52.5			m			28
29	.18		.24		57	54			54.1	54.1	53.5	51.9	.00	S.S.E	1	N.E	2						-		52.5			m			29
30	30.26		30.26		58	52			53.1	52.0	53.1	52.2	-	E.N.E	2	E.N.E	3						1.7		52.5						30
31																															31
Sums.	0.76		0.78		284	273			596	246	1314	784	2.05										72.3		35.3						
Means.	30.025		.026		54.5	49.1			52.0	48.8	54.4	52.4											72		53.2						
Instru-mental Errors.	[-.032]																														
Cor-rected Means.																															
<div>WEATHER NOTATION. a. denotes aurora. b. " blue sky, cloudless. bc. " blue sky with detached clouds. c. " sky mainly cloudy, but with openings between the clouds. o. " completely overcast. d. " drizzling rain. e. " wet air, without rain falling. f. " fog. fe. " wet fog. g. " gloomy. h. " hail. l. " lightning. lu. co. " lunar corona. lu. ha. " lunar halo. m. denotes mist. p. " passing showers. q. " squally. r. " continuous rain. s. " snow. so. ha. " solar halo. t. " thunder. t. s. " thunder-storm. u. " ugly, threatening appearance. v. " unusual visibility of distant objects. w. " dew. x. " hoar frost. z. " dust haze.</div> <div>BEAUFORT SCALE FOR ESTIMATING FORCE OF WIND—(0-12). FORCE. 0 Calm. 1 Light Air. 2 Slight Breeze. 3 Gentle Breeze. 4 Moderate Breeze. 5 Fresh Breeze. 6 Strong Breeze. 7 High Wind. 8 Gale. 9 Strong Gale. 10 Whole Gale. 11 Storm. 12 Hurricane.</div>																															

## BAROMETER.

Corrected Mean at 9 A.M.,	<i>minus</i>	Correction for	
Temp.....			
Corrected Mean at 9 P.M.,	<i>minus</i>	Correction for	
Temp.....			
Mean at Station, corrected, and at 32°, .....			89.4 ✓
Correction for height, feet above Mean Sea Level, ...			+ 100 ✓
Mean, reduced to 32°, and Sea Level, .....			<u>29.994 ✓</u>
Highest Reading, corrected for Index error, on th, .....			
Lowest	Do.	on	th, .....
Difference, or <b>Monthly Range</b> , .....			

## SELF-REGISTERING THERMOMETERS.

Highest in Month, on 11 <sup>th</sup> , .....	67.
Lowest in Month, on 8 <sup>th</sup> , 79 <sup>th</sup> .....	43.
Difference, or Monthly Range, .....	34.
Mean of all the Highest, .....	59.5
Mean of all the Lowest, .....	49.1
Difference, or Mean Daily Range, .....	10.4
Mean Temperature of Month, $\frac{1}{2}$ (Mean Max. + Mean Min.), ...	54.3
Min. on Grass, Lowest in Month, .....	
" " Mean, .....	
Black Bulb, Max. in Sun, Highest in Month, .....	

### HYGROMETER.

<b>Dry Bulb</b> , Mean of A.M. and P.M. Readings, .....	53.2 ✓
<b>Wet Bulb</b> , Mean of A.M. and P.M. Readings, .....	51.7
Computed <b>Temperature of Dew-Point</b> , .....	
Do. <b>Elastic Force of Vapour</b> , .....	363
Do. <b>Relative Humidity</b> (Saturation = 100), ...	90
<b>RAIN</b> fell on 15 Days; Amount in Inches,	2.05 ✓

WIND.	SUMMARY.										
	Direction.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.	Mean Force 0-12.
A.M.	3	2	4	3	5	2	2	4	5		
P.M.	5	5	5	7	4	3	0	0	1		
Sum.	8	7	9	10	9	5	2	4	6		

\* If Observations are taken at 9 A.M. only, the reading of the **Maximum** thermometer must be entered to the *previous day*.

† **Rain** to be measured at 9 A.M. and the amount entered to the *previous day*.

## WEATHER SUMMARY.

Number of Days of Precipitation, ...	_____
Snow, .....	_____
Hail, .....	_____
Thunder, .....	_____
Clear Sky, .....	_____
Overcast, .....	_____
Fog, .....	_____
Ground Frost, .....	_____
Gale, .....	_____

## INSTRUMENTS IN USE.

Barometer, No. \_\_\_\_\_  
 Dry Bulb, No. \_\_\_\_\_  
 Wet Bulb, No. \_\_\_\_\_  
 Maximum, No. \_\_\_\_\_  
 Minimum, No. \_\_\_\_\_  
 Solar Radiation, No. \_\_\_\_\_  
 Grass Min., No. \_\_\_\_\_  
 Sun Recorder, No. \_\_\_\_\_  
 1-foot Therm., No. \_\_\_\_\_  
 4-foot Therm., No. \_\_\_\_\_

Observations made and  
Return verified by

(Signed).



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DATE		TIME		WIND		TEMP.		HUMID.		PRESS.		STATE		REMARKS	
1880	1	10	10	10	10	10	10	10	10	10	10	10	10	10	10
2	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
3	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
4	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
5	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
6	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
7	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
8	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
9	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
10	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
11	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
12	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
13	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
14	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
15	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
16	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
17	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
18	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
19	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
20	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
21	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
22	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
26	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
27	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
28	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
29	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
30	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
31	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
32	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
33	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
34	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
35	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
36	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
37	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
38	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
39	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
40	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
41	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
42	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
43	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
44	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
45	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
46	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
47	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
48	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
49	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
50	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
51	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
52	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
53	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
54	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
55	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
56	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
57	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
58	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
59	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
60	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
61	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
62	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
63	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
64	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
65	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
66	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
67	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
68	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
69	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
70	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
71	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
72	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
73	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
74	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
75	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
76	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
77	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
78	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
79	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
80	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
81	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
82	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
83	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
84	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
85	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
86	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
87	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
88	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
89	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
90	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
91	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
92	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
93	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
94	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
95	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
96	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
97	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
98	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
99	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
100	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16

SCOTTISH METEOROLOGICAL SOCIETY



## SCOTTISH METEOROLOGICAL SOCIETY.

OBSERVATIONS taken at Aberdeen (King's Coll.), County of \_\_\_\_\_, During the MONTH of October, 1913.Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Height of Cistern of the Barometer above Mean Sea Level \_\_\_\_\_ feet, above Ground \_\_\_\_\_ feet. Diameter of Rain Gauge \_\_\_\_\_ ins.  
Height of Gauge above Mean Sea Level \_\_\_\_\_ feet. Height of Rim of Gauge above Ground \_\_\_\_\_ ins.

Date.	BAROMETER.				* SELF-REGISTERING THERMOMETERS.				HYGROMETER.				+ RAIN.	WIND.				CLOUDS.				SUNSHINE. Hours.	THERMOMETERS under Ground.			WEATHER.		GENERAL REMARKS.												Date.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	7 A.M.		6 P.M.		Screen.		Black Bulb Max. in Sun. 9 P.M.	Min. on Grass. 9 A.M.	7 A.M.		6 P.M.			Amount at 7 A.M.	7 A.M.		6 P.M.		Ane- nometer. 9 A.M.	9 A.M.			9 P.M.		9 A.M.			At 9 A.M.	At 9 P.M.	Occurrence of Snow, Hail, Thunder, Lightning, Fog, Gales, Meteors, Auroras, Remarkable Depression or Elevation of Barometer, etc.  Mention the hour at which Storms, including Thunder and Lightning, began and ended.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	Barometer.	Attached Thermometer	Barometer.	Attached Thermometer	Max. 7 A.M.	Min. 7 A.M.			Dry bulb.	Wet bulb.	Dry bulb.	Wet bulb.			Direction.	Force. Scale of 0-12.	Direction.	Force. Scale of 0-12.		Species and Direc- tion.	Amount (0-10).		Species and Direc- tion.	Amount (0-10).	3 ins.	12 ins.	48 ins.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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## BAROMETER.

Corrected Mean at 9 A.M., minus Correction for Temp. \_\_\_\_\_

Corrected Mean at 9 P.M., minus Correction for Temp. \_\_\_\_\_

Mean at Station, corrected, and at 32°, \_\_\_\_\_ 29.685

Correction for height, feet above Mean Sea Level, ... + 1.01

Mean, reduced to 32°, and Sea Level, \_\_\_\_\_ 29.786

Highest Reading, corrected for Index error, on th, \_\_\_\_\_

Lowest Do. Do., on th, \_\_\_\_\_

Difference, or Monthly Range, \_\_\_\_\_

## SELF-REGISTERING THERMOMETERS.

Highest in Month, on 17 th, \_\_\_\_\_ 63

Lowest in Month, on 24 th, \_\_\_\_\_ 33

Difference, or Monthly Range, \_\_\_\_\_ 30

Mean of all the Highest, \_\_\_\_\_ 55.8

Mean of all the Lowest, \_\_\_\_\_ 44.9

Difference, or Mean Daily Range, \_\_\_\_\_ 10.9

Mean Temperature of Month,  $\frac{1}{2}$  (Mean Max. + Mean Min.), ... 50.4

Min. on Grass, Lowest in Month, \_\_\_\_\_

" " Mean, \_\_\_\_\_

Black Bulb, Max. in Sun, Highest in Month, \_\_\_\_\_

## ADDITIONAL REMARKS.

## HYGROMETER.

Dry Bulb, Mean of A.M. and P.M. Readings, \_\_\_\_\_ 49.7

Wet Bulb, Mean of A.M. and P.M. Readings, \_\_\_\_\_ 48.1

Computed Temperature of Dew-Point, \_\_\_\_\_

Do. Elastic Force of Vapour, \_\_\_\_\_ 318

Do. Relative Humidity (Saturation = 100), ... 89

RAIN fell on 17 Days; Amount in Inches, \_\_\_\_\_ 1.51

WIND.	SUMMARY.									
	Direction.	N	NE	E	SE	S	SW	W	NW	Mean Force 0-12.
A.M.		1	2	2	1	9	6	3	2	5
P.M.			2	2	5	11	7	1	3	
Sum.		1	4	4	6	20	13	4	5	5

\* If Observations are taken at 9 A.M. only, the reading of the Maximum thermometer must be entered to the previous day.

† Rain to be measured at 9 A.M. and the amount entered to the previous day.

## WEATHER

## SUMMARY.

Number of Days of Precipitation, ...

Snow, \_\_\_\_\_ 0

Hail, \_\_\_\_\_ 0

Thunder, \_\_\_\_\_ 0

Clear Sky, \_\_\_\_\_ -

Overcast, \_\_\_\_\_ -

Fog, \_\_\_\_\_

Ground Frost, \_\_\_\_\_

Gale, \_\_\_\_\_

## INSTRUMENTS IN USE.

Barometer, No. \_\_\_\_\_

Dry Bulb, No. \_\_\_\_\_

Wet Bulb, No. \_\_\_\_\_

Maximum, No. \_\_\_\_\_

Minimum, No. \_\_\_\_\_

Solar Radiation, No. \_\_\_\_\_

Grass Min., No. \_\_\_\_\_

Sun Recorder, No. \_\_\_\_\_

1-foot Therm., No. \_\_\_\_\_

4-foot Therm., No. \_\_\_\_\_

Observations made and Return verified by \_\_\_\_\_

(Signed) \_\_\_\_\_



Halfpenny  
Stamp.

THE SECRETARY

SCOTTISH METEOROLOGICAL SOCIETY

122 GEORGE STREET

EDINBURGH

BOOK POST

STANDARD MEASUREMENTS

STANDARD MEASUREMENTS

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SCOTTISH METEOROLOGICAL SOCIETY



# SCOTTISH METEOROLOGICAL SOCIETY.

OBSERVATIONS taken at Aberdeen (King's Coll), County of \_\_\_\_\_, During the MONTH of November 1913.

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Height of Cistern of the Barometer above Mean Sea Level \_\_\_\_\_ feet, above Ground \_\_\_\_\_ feet. Diameter of Rain Gauge \_\_\_\_\_ ins.

Height of Gauge above Mean Sea Level \_\_\_\_\_ feet. Height of Rim of Gauge above Ground \_\_\_\_\_ ins.

Date.	BAROMETER.				* SELF-REGISTERING THERMOMETERS.				HYGROMETER.				+RAIN.	WIND.				CLOUDS.				SUNSHINE. Hours.	THERMOMETERS under Ground.			WEATHER.		GENERAL REMARKS.												Date.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	7 A.M.		6 P.M.		Screen.		Black Bulb Max. in Sun. 9 A.M.	Min. on Grass. 9 A.M.	7 A.M.		6 P.M.			Amount at 7 A.M.	7 A.M.		6 P.M.		Ane- mometer. 9 A.M.	9 A.M.			9 P.M.		9 A.M.			At 9 A.M.	At 9 P.M.	Occurrence of Snow, Hail, Thunder, Lightning, Fog, Gales, Meteors, Auroras, Remarkable Depression or Elevation of Barometer, etc.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	Barometer.	Attached Ther- mometer	Barometer.	Attached Ther- mometer	Max. 9 A.M.	Min. 9 P.M.			Dry bulb.	Wet bulb.	Dry bulb.	Wet bulb.			Direc- tion.	Force. Scale of 0-12.	Direc- tion.	Force. Scale of 0-12.		Species and Direc- tion.	Amount (0-10).		Species and Direc- tion.	Amount (0-10).	3 ins.	12 ins.	48 ins.			Mention the hour at which Storms, including Thunder and Lightning, began and ended.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
																														inches.	°	inches.	°	°	°	°	°	inches.	°		°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°

## WEATHER NOTATION.

a. denotes aurora.	b. blue sky, cloudless.	bc. blue sky with detached clouds.	c. sky mainly cloudy, but with openings between the clouds.	d. completely overcast.	e. drizzling rain.	f. wet air, without rain falling.	fe. fog.	g. wet fog.	h. gloomy.	i. hail.	l. lightning.	lu. co. lunar corona.	lu. ha. lunar halo.	m. denotes mist.	p. passing showers.	q. squally.	r. continuous rain.	s. snow.	so. ha. solar halo.	t. thunder.	ts. thunder-storm.	u. ugly, threatening appearance.	v. unusual visibility of distant objects.	w. dew.	x. hoar frost.	z. dust haze.
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BEAUFORT SCALE FOR ESTIMATING FORCE OF WIND—(0-12).											
0	Calm.	5	Fresh Breeze.	10	Strong Gale.	15	Whole Gale.	20	Storm.	25	Hurricane.
1	Light Air.	6	Strong Breeze.	11	High Wind.	16	Storm.	21	Storm.	26	Hurricane.
2	Slight Breeze.	7	High Wind.	12	Hurricane.	17	Storm.	22	Storm.	27	Hurricane.
3	Gentle Breeze.	8	Gale.	13	Hurricane.	18	Storm.	23	Storm.	28	Hurricane.
4	Moderate Breeze.	9	Strong Gale.	14	Hurricane.	19	Storm.	24	Storm.	29	Hurricane.

## BAROMETER.

Corrected Mean at 9 A.M., minus Correction for Temp. \_\_\_\_\_

Corrected Mean at 9 P.M., minus Correction for Temp. \_\_\_\_\_

Mean at Station, corrected, and at 32°, \_\_\_\_\_

Correction for height, feet above Mean Sea Level, + \_\_\_\_\_

Mean, reduced to 32°, and Sea Level, \_\_\_\_\_

Highest Reading, corrected for Index error, on th. \_\_\_\_\_

Lowest Do. Do. on th. \_\_\_\_\_

Difference, or Monthly Range, \_\_\_\_\_

## SELF-REGISTERING THERMOMETERS.

Highest in Month, on 17 th, \_\_\_\_\_ 60.

Lowest in Month, on 6 th, 9.7° \_\_\_\_\_ 30.

Difference, or Monthly Range, \_\_\_\_\_ 30.

Mean of all the Highest, \_\_\_\_\_ 51.0

Mean of all the Lowest, \_\_\_\_\_ 40.1

Difference, or Mean Daily Range, \_\_\_\_\_ 10.9

Mean Temperature of Month,  $\frac{1}{2}$  (Mean Max. + Mean Min.), \_\_\_\_\_ 45.6

Min. on Grass, Lowest in Month, \_\_\_\_\_ (+3°)

" " Mean, \_\_\_\_\_

Black Bulb, Max. in Sun, Highest in Month, \_\_\_\_\_

## ADDITIONAL REMARKS.

## HYGROMETER.

Dry Bulb, Mean of A.M. and P.M. Readings, \_\_\_\_\_ 45.3

Wet Bulb, Mean of A.M. and P.M. Readings, \_\_\_\_\_ 43.5

Computed Temperature of Dew-Point, \_\_\_\_\_

Do. Elastic Force of Vapour, \_\_\_\_\_ 261

Do. Relative Humidity (Saturation = 100), \_\_\_\_\_ 87%

RAIN fell on 16 Days; Amount in Inches, \_\_\_\_\_ 1.73

WIND.		SUMMARY.									
Direction.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.	Mean Force 0-12.	
A.M.				1	7	9	7	2	4		
P.M.				1	9	9	6	2	3		
Sum.	0	0	0	2	16	18	13	4	7	✓	



Halfpenny  
Stamp.

THE SECRETARY

SCOTTISH METEOROLOGICAL SOCIETY

122 GEORGE STREET

EDINBURGH

BOOK POST

MODIFICATION

THE SECRETARY OF THE  
SCOTTISH METEOROLOGICAL SOCIETY  
HAS THE HONOUR TO ANNOUNCE  
THAT THE SOCIETY HAS THE  
PLeasure TO ACCEPT OF THE  
GIFT OF THE  
LIBRARY OF THE  
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AND TO PLACE IT IN THE  
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# SCOTTISH METEOROLOGICAL SOCIETY.

OBSERVATIONS taken at Aberdeen (King's Coll.), County of \_\_\_\_\_, During the MONTH of December 1913.

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Height of Cistern of the Barometer above Mean Sea Level \_\_\_\_\_ feet, above Ground \_\_\_\_\_ feet. Diameter of Rain Gauge \_\_\_\_\_ ins.

Height of Gauge above Mean Sea Level \_\_\_\_\_ feet. Height of Rim of Gauge above Ground \_\_\_\_\_ ins.

232° M.S.L. 72.45°

Date.	BAROMETER.				* SELF-REGISTERING THERMOMETERS.				HYGROMETER.				+RAIN.	WIND.				CLOUDS.				THERMOMETERS under Ground.	WEATHER.		GENERAL REMARKS.	Date.									
	7 A.M.		6 P.M.		Screen.		Black Bulb Max. in Sun. 9 P.M.	Min. on Grass. 9 A.M.	7 A.M.		6 P.M.			Amount at 9 A.M.	7 A.M.		6 P.M.		Amount at 9 A.M.	7 A.M.			6 P.M.				9 A.M.	At 9 A.M.	At 9 P.M.						
	Barometer.	Attached Thermometer.	Barometer.	Attached Thermometer.	Max. 7 A.M.	Min. 7 P.M.			Dry bulb.	Wet bulb.	Dry bulb.	Wet bulb.			Direction.	Force.	Direction.	Force.		Species and Direction.	Amount (0-10).		Species and Direction.	Amount (0-10).						8 ins.	12 ins.	48 ins.			
1	29.81		29.79		44	38			38.8	36.0	40.1	37.6	-	WSW	4	W	4					4.5		45.6			12-7a	7a	7a-1p	1p	1p-6p	6p	6p-12p	12p	1
2	.76		29.47		50	36			38.9	37.4	43.2	42.1	-	WSW	2	SSW	2					0.4		45.6			q							2	
3	.09		28.94		53	38			49.6	47.8	42.4	42.1	.82	SSW	5	NNE	2					0.3		45.5			q							3	
4	.00		29.45		38	36			37.4	34.6	34.4	33.9	.17	W	5	WNW	5					-		.3			q							4	
5	.58		.74		34	28			28.4	28.0	30.2	29.3	-	W	1	WNW	3					5.4		45.1										5	
6	29.75		29.84		29	24			24.3	23.8	24.6	23.9	-	W	2	WNW	2					0.6		44.9											6
7	30.03		30.02		39	21			23.4	22.7	39.1	36.8	.00	WNW	3	S	2					-		.6											7
8	29.87		29.71		56	23			35.1	35.0	51.6	49.7	.04	SW	1	SSW	4					-		.3			m	m							8
9	.59		.67		49	35			48.8	45.3	43.4	40.1	-	WSW	4	WSW	4					3.9		44.0			q								9
10	.89		.96		51	42			47.0	44.9	47.6	45.0	-	W	5	WNW	4					-		43.7			q								10
11	.92		.83		52	40			40.4	39.6	45.4	43.5	-	WSW	2	SW	4					2.7		.6											11
12	.44		.76		51	40			47.5	46.6	41.0	38.4	-	SSW	3	W	5					3.4		.4			q								12
13	.97		29.90		48	36			37.4	35.6	40.2	38.7	-	WSW	2	SSW	2					0.2		.3											13
14	.99		30.06		48	37			47.6	45.6	46.0	43.1	.04	W	4	SW	1					1.5		.1			q								14
15	.95		29.83		52	45			46.5	45.6	49.3	47.4	.01	WSW	2	S	3					-		.1			m	m							15
16	29.40		30.03		48	44			45.2	42.3	45.4	42.2	.19	WSW	6	NW	7					0.6		.1			q								16
17	30.47		.61		46	42			41.6	40.0	40.6	39.1	-	NW	2	WNW	2					-		.2											17
18	.64		.63		38	31			32.9	32.3	32.4	31.9	-	WNW	1	W	2					0.5		.2											18
19	.63		.64		39	29			34.4	33.3	32.1	31.4	-	W	1	W	1					3.7		.3											19
20	.57		.53		46	32			32.4	31.4	38.3	35.9	-	-	0	SW	2					0.3		.2											20
21	.48		30.42		49	31			45.6	41.9	46.3	42.4	-	W	1	WSW	3					1.8		43.1											21
22	30.22		29.93		46	38			42.8	39.6	39.3	36.3	-	SW	1	W	1					1.8		42.8											22
23	29.68		.54		42	37			39.0	37.2	39.1	36.6	.04	W	1	SW	2					3.0		.7											23
24	.60		.86		38	35			37.7	35.4	32.9	32.1	.05	NW	5	WNW	6					2.8		.5											24
25	.91		.62		44	27			32.2	31.2	40.8	40.0	.24	WSW	1	SSW	4					-		.3											25
26	.62		.31		39	31			36.2	35.1	37.0	36.0	.01	-	0	WSW	1					-		.2			m								26
27	.24		.24		36	33			33.8	31.4	34.3	32.4	.02	W	3	WNW	5					0.3		42.0											27
28	.33		.42		35	31			33.3	32.2	32.1	31.6	.19	NW	5	N	5					0.2		41.7			S								28
29	29.72		29.98		35	31			35.4	34.6	30.6	30.0	.02	N	5	NW	3					2.9		.5			S								29
30	30.19		30.39		35	27			28.1	27.0	29.2	28.8	.05	NW	3	NW	3					2.6		.4											30
31	30.49		30.47		39	20			20.7	20.0	29.1	27.3	-	WNW	1	NW	1					4.7		41.2											31
Sums.	26.83		27.59		109	108			2324	1834	2680	2156	1.89									48.1		134.5											
Means.	29.865		29.849		43.5	33.5			37.5	35.9	38.6	37.0																							
Instru- mental Errors.																																			
Cor- rected Means.																																			

## WEATHER NOTATION.

a. denotes aurora.	p. denotes mist.
b. blue sky, cloudless.	q. passing showers.
bc. blue sky with detached clouds.	r. squally.
c. sky mainly cloudy, but with openings between the clouds.	s. continuous rain.
d. completely overcast.	so. ha. snow.
e. drizzling rain.	solar halo.
f. wet air, without rain falling.	t. thunder.
fe. fog.	ts. thunder-storm.
g. wet fog.	u. ugly, threatening appearance.
h. gloomy.	v. unusual visibility of distant objects.
i. hail.	w. dew.
l. lightning.	x. hoar frost.
lu. co. lunar corona.	z. dust haze.
lu. ha. lunar halo.	

BEAUFORT SCALE FOR ESTIMATING FORCE OF WIND—(0-12).											
FORCE.	0	1	2	3	4	5	6	7	8	9	10
	Calm.	Light Air.	Slight Breeze.	Gentle Breeze.	Moderate Breeze.	Fresh Breeze.	Strong Breeze.	High Wind.	Gale.	Strong Gale.	Whole Gale.

## BAROMETER.

Corrected Mean at 9 A.M., minus Correction for Temp. \_\_\_\_\_

Corrected Mean at 9 P.M., minus Correction for Temp. \_\_\_\_\_

Mean at Station, corrected, and at 32°, 29.744

Correction for height, feet above Mean Sea Level, + .102

Mean, reduced to 32°, and Sea Level, 29.846

Highest Reading, corrected for Index error, on \_\_\_\_\_ th, \_\_\_\_\_

Lowest Do. Do. on \_\_\_\_\_ th, \_\_\_\_\_

Difference, or Monthly Range, \_\_\_\_\_

## SELF-REGISTERING THERMOMETERS.

Highest in Month, on 8 th, 56 ✓

Lowest in Month, on 31 th, 20 ✓

Difference, or Monthly Range, 36 ✓

Mean of all the Highest, 43.5 ✓

Mean of all the Lowest, 33.5 ✓

Difference, or Mean Daily Range, 10.0 ✓

Mean Temperature of Month,  $\frac{1}{2}$  (Mean Max. + Mean Min.), 38.5 ✓

Min. on Grass, Lowest in Month, +10.5 ✓

" " Mean, \_\_\_\_\_

Black Bulb, Max. in Sun, Highest in Month, \_\_\_\_\_

## ADDITIONAL REMARKS.

.865  
.890  
29.878 ✓  
- .032

## HYGROMETER.

Dry Bulb, Mean of A.M. and P.M. Readings, 38.1 ✓

Wet Bulb, Mean of A.M. and P.M. Readings, 36.5 ✓

Computed Temperature of Dew-Point, \_\_\_\_\_

Do. Elastic Force of Vapour, .198 ✓

Do. Relative Humidity (Saturation = 100), 86% ✓

RAIN fell on 14 Days; Amount in Inches, 1.89 ✓

WIND. SUMMARY.											
Direction.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.	Mean Force 0-12.	
A.M.	1				1	7	15	5	2		
P.M.	2				4	7	10	8			
Sum.	3	0	0	0	5	14	25	13	2	✓	

\* If Observations are taken at 9 A.M. only, the reading of the Maximum thermometer must be entered to the previous day.

† Rain to be measured at 9 A.M. and the amount entered to the previous day.

## WEATHER SUMMARY.

Number of Days of Precipitation, \_\_\_\_\_

Snow, \_\_\_\_\_

Hail, \_\_\_\_\_

Thunder, \_\_\_\_\_

Clear Sky, \_\_\_\_\_

Overcast, \_\_\_\_\_

Fog, \_\_\_\_\_

Ground Frost, \_\_\_\_\_

Gale, \_\_\_\_\_

## INSTRUMENTS IN USE.

Barometer, No. \_\_\_\_\_

Dry Bulb, No. \_\_\_\_\_

Wet Bulb, No. \_\_\_\_\_

Maximum, No. \_\_\_\_\_

Minimum, No. \_\_\_\_\_

Solar Radiation, No. \_\_\_\_\_

Grass Min., No. \_\_\_\_\_

Sun Recorder, No. \_\_\_\_\_

1-foot Therm., No. \_\_\_\_\_

4-foot Therm., No. \_\_\_\_\_

Observations made and  
Return verified by \_\_\_\_\_

(Signed) \_\_\_\_\_

N  
NNE  
ENE  
E  
ESE  
SE  
SSE  
S  
SSW  
SW  
WSW  
W  
WNW  
NW  
NNW  
N



Halfpenny  
Stamp.

THE SECRETARY

SCOTTISH METEOROLOGICAL SOCIETY

122 GEORGE STREET

EDINBURGH

BOOK POST

Abden (Kings Coll)  
1913

MEMBERSHIP LIST

NAME OF MEMBER

RESIDENCE

DATE OF ENTRY

AMOUNT PAID

NAME OF MEMBER

RESIDENCE

DATE OF ENTRY

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