

SCOTTISH METEOROLOGICAL SOCIETY.

OBSERVATIONS taken at Aberdeen, County of _____, During the MONTH of January 1912.

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. 9 P.M.	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.		9 A.M.	9 A.M.		9 A.M.		Species and Direction.	Amount (0-10).	Species and Direction.	Amount (0-10).	9 A.M.			At 9 A.M.	At 9 P.M.		
	Barometer.	Attached Barometer.	Barometer.	Attached Barometer.				Dry bulb.	Wet bulb.	Dry bulb.	Wet bulb.			Force. Scale of 0-12.	Force. Scale of 0-12.	Force. Scale of 0-12.	Force. Scale of 0-12.		3 ins.	12 ins.							48 ins.						
	inches.	inches.	inches.	inches.				°	°	°	°			°	°	°	°		°	°							°					°	°
1	30.014		30.016		54	35		46.3	46.0	53.0	50.6		S	2	SSW	5															1		
2	30.016		30.016		53	46		48.4	48.0	48.6	48.0		SSW	1	SSW	3																2	
3	29.996		30.003		43	43		42.7	40.1	39.8	37.2	.00	W	4	WSW	3																3	
4	29.84		29.958		40	36		36.0	35.1	39.6	39.6	.07		0	S	2																4	
5	29.27		29.14		39	35		37.8	37.2	36.0	35.9	.20	SW	1	SSW	1																5	
6	29.25		29.11		38	33		36.2	36.0	37.6	35.2	.21	E	6	ENE	6																6	
7	29.42		29.81		35	33		33.0	32.0	33.1	32.4	.02	NNW	4	WNW	4																7	
8	29.94		29.66		39	28		28.2	27.6	38.6	35.6	.50	WNW	2	SE	6																8	
9	29.30		29.52		41	26		38.1	38.0	39.1	39.0	.27	SE	7	ESE	8																9	
10	29.93		29.99		46	38		41.1	40.4	43.3	42.4	.05	SE	6	SSE	6																10	
11	29.80		29.989		46	41		44.3	44.0	43.4	42.7	.07	SSE	6	SSW	3																11	
12	29.99		29.003		46	40		43.3	42.5	43.0	42.4	.20	SSW	2	SSW	3																12	
13	29.81		29.992		47	42		44.2	43.9	46.4	46.2	.16	SSE	5	SSE	4																13	
14	29.88		29.81		45	44		44.1	44.1	44.7	44.7	.41	SSE	6	SSE	5																14	
15	29.91		29.82		44	32		35.0	35.0	41.4	41.2	.68	SSW	1	SE	6																15	
16	29.979		29.93		41	34		40.6	39.4	40.9	38.0	.01	SE	8	SE	8																16	
17	29.020		29.034		40	35		39.6	35.2	36.6	33.0		SE	8	SE	7																	17
18	29.033		29.013		41	35		37.4	34.0	37.0	35.4	.12	SE	7	SE	5																18	
19	29.004		29.018		43	34		41.2	41.0	38.6	34.9	.02	SSE	3	SSW	1																19	
20	29.017		29.012		42	35		39.4	38.6	40.9	39.9	.00		0	SE	2																20	
21	29.001		29.002		42	38		37.7	36.7	35.6	35.2	.03	WNW	4	WNW	2																21	
22	29.992		29.989		36	33		33.2	33.0	33.2	32.0	.00	WNW	3	WNW	3																22	
23	29.993		29.994		39	31		33.1	32.8	34.8	34.6	.04	WNW	4	NW	3																23	
24	29.84		29.73		39	33		36.9	35.1	37.4	35.4	.02	NE	4	NE	4																24	
25	29.972		29.989		41	37		37.4	36.3	35.7	33.0	.02	N	3	N	3																25	
26	29.003		29.013		39	32		33.8	33.1	34.7	33.6	.05	NW	3	NW	3																26	
27	29.024		29.025		37	32		33.7	33.4	33.2	32.2		WNW	3	W	1																27	
28	29.023		29.027		38	29		29.8	27.6	32.0	29.6		WSW	1	WSW	1																28	
29	29.031		29.033		38	27		32.2	30.0	35.8	33.9		WSW	1	WSW	1																29	
30	29.023		29.999		43	29		28.9	27.2	35.6	35.2	.12	WSW	1	WNW	4																30	
31	29.000		29.997		35	27		33.0	31.4	31.4	31.2	.30	NW	4	WNW	4																31	
Sums.	2859		2865		1294	1073		1166.6	1134	1198.0	1160.2	2.97																					
Means.	29.22		29.24		41.7	34.6		37.6	36.6	38.6	37.4		3.5																				
Instrumental Errors.	-0.032																																
Corrected Means.																																	

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.	gl. " 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.	ts. " thunder-storm.	u. " ugly, threatening appearance.	v. " unusual visibility of distant objects.	w. " dew.	x. " hoar frost.	z. " dust haze.					
BEAUFORT SCALE FOR ESTIMATING FORCE OF WIND—(0-12).																															
FORCE.	0	1	2	3	4	5	6	7	8	9	10	11	12	FORCE.	5	6	7	8	9	10	11	12	FORCE.	5	6	7	8	9	10	11	12
	Calm.	Light Air.	Slight Breeze.	Gentle Breeze.	Moderate Breeze.	Fresh Breeze.	Strong Breeze.	High Wind.	Gale.	Strong Gale.	Whole Gale.	Storm.	Hurricane.																		

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

BEAUFORT SCALE FOR ESTIMATING FORCE OF WIND—(0-12).			
FORCE.		FORCE.	
0	Calm.	5	Fresh Breeze.
1	Light Air.	6	Strong Breeze.
2	Slight Breeze.	7	High Wind.
3	Gentle Breeze.	8	Gale.
4	Moderate Breeze.	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', 29.789
Correction for height, feet above Mean Sea Level, ... + 0.102
Mean, reduced to 32', and Sea Level, 29.891
Highest Reading, corrected for Index error, on th,
Lowest Do. Do., on th,
Difference, or Monthly Range,

SELF-REGISTERING THERMOMETERS.

Highest in Month, on 1 th, 54.
Lowest in Month, on 9 th, 26.
Difference, or Monthly Range, 28.
Mean of all the Highest, 41.7
Mean of all the Lowest, 34.6
Difference, or Mean Daily Range, 7.1
Mean Temperature of Month, $\frac{1}{2}$ (Mean Max. + Mean Min.), ... 38.2
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, 38.1
Wet Bulb, Mean of A.M. and P.M. Readings, 37.0
Computed Temperature of Dew-Point,
Do. Elastic Force of Vapour, 2.07
Do. Relative Humidity (Saturation = 100), ... 90%
RAIN fell on 22 Days; Amount in Inches, 2.977

WIND.		SUMMARY.									
Direction.		N	NE	E	SE	S	SW	W	NW	Calm or Variable.	Mean Force 0-12.
A.M.		2	1	1	7	5	3	6	4	2	3.5
P.M.		1	1	2	7	6	4	6	4		3.8
Sun.		3	2	3	14	11	7	12	8	2	3.7

* 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, ... 22
Snow, 13
Hail, 0
Thunder, 0
Clear Sky,
Overcast,
Fog,
Ground Frost,
Gale, 4

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.

SCOTTISH METEOROLOGICAL SOCIETY

SCOTTISH METEOROLOGICAL SOCIETY.

OBSERVATIONS taken at Aberdeen, County of _____, During the MONTH of February 1912.

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.		5 P.M.		Screen.		Black Bulb Max. in Sun. 9 P.M.	Min. on Grass. 9 A.M.	7 A.M.		5 P.M.			9 A.M.		9 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. 9 P.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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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1	29.67		29.57		32	30			29.7	29.4	25.4	24.5	.13	WNW	3	WNW	4				3.3			40.0			*																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

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. drizzling rain.	e. wet air, without rain falling.	f. fog.	fe. wet fog.
g. gloomy.	h. hail.	i. lightning.	lu. co. lunar corona.
lu. ha. lunar halo.	m. denotes mist.	n. 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.	y. dust haze.		

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, + .102
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 29th, _____ 54°
Lowest in Month, on 5th, _____ 10°
Difference, or Monthly Range, _____ 44°
Mean of all the Highest, _____ 43.7
Mean of all the Lowest, _____ 34.2
Difference, or Mean Daily Range, _____ 9.5
Mean Temperature of Month, $\frac{1}{2}$ (Mean Max. + Mean Min.), _____ 39.0
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, _____ 39.3
Wet Bulb, Mean of A.M. and P.M. Readings, _____ 38.23
Computed Temperature of Dew-Point, _____
Do. Elastic Force of Vapour, _____ .221
Do. Relative Humidity (Saturation = 100), _____ 92.7
RAIN fell on 20 Days; Amount in Inches, _____ 3.02

WIND.		SUMMARY.									
Direction.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.	Mean Force 0-12.	
A.M.		2	3	1	3	2	1	2	2	2.5	
P.M.		3	5	10	6	4	1			3.0	
Sum.	0	2	6	10	18	9	8	3	2	2.8	

* 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.

SCOTTISH METEOROLOGICAL SOCIETY

SCOTTISH METEOROLOGICAL SOCIETY.

(King's College)

OBSERVATIONS taken at U Aberdeen, County of _____, During the MONTH of March 1912.

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. Occurrence of Snow, Hail, Thunder, Lightning, Fog, Gale, 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.		8 P.M.		Screen.		Black Bulb Max. in Sun. 9 P.M.	Min. on Grass. 9 A.M.	7 A.M.		8 P.M.			9 A.M.		9 P.M.		Ane. monometer. 9 A.M.	9 A.M.		9 P.M.		9 A.M.			At 9 A.M.	At 9 P.M.			
	Barometer.	Attached Ther. monometer	Barometer.	Attached Ther. monometer	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 Direction.	Amount (0-100).	Species and Direction.		Amount (0-100).	3 ins.	12 ins.					48 ins.
	inches.	°	inches.	°	°	°	°	°	°	°	inches.																			
1	29.51		29.27		49	44			44.8	42.9	45.4	44.9	.01	S	2	SSE	4					1.4			41.0			1		
2	29.21		.22		53	44			44.9	44.0	47.8	44.5	.04	SW	2	SE	3					5.3			.1			2		
3	28.97		.09		54	43			43.7	43.3	47.2	42.2	.01	S	2	SSW	2					3.9			.2			3		
4	29.24		.08		50	39			41.6	39.4	42.1	41.1	.20	SSW	4	SE	4					5.3			.4			4		
5	28.93		.07		44	39			38.7	38.2	42.2	41.0	.03	WNW	4	WNW	4								.5			5		
6	29.17		.41		46	38			40.0	38.4	42.8	41.0	.01	WNW	6	WNW	5					0.1			.6			6		
7	.63		.69		51	36			36.0	34.4	45.4	41.1		SW	2	WSW	2					8.6			.7			7		
8	66		.47		48	32			33.1	32.2	41.6	41.0	.04	WNW	1	SE	5					1.9			.7			8		
9	53		.60		47	32			38.8	38.2	43.9	42.7		SSW	2	SSE	3					5.6			.8			9		
10	29.78		29.89		44	35			36.8	35.8	42.8	42.4	.03	S	1	SSE	1								.7			10		
11	30.02		30.09		48	35			40.8	39.8	42.2	41.6			0	SSE	1					2.4			.6			11		
12	30.08		29.93		47	37			39.9	39.1	46.6	44.8	.55	S	2	SSW	4								.6			12		
13	29.83		.88		57	39			43.1	43.0	47.3	46.1		SSW	1	SE	2					4.3			.6			13		
14	.75		.75		55	42			47.0	46.6	46.8	45.0		SSW	2	S	4					1.1			.6			14		
15	.89		.64		49	43			43.4	42.7	43.9	42.0	.05	SSW	1	NNW	1					1.5			.7			15		
16	70		.57		49	31			32.2	30.8	41.9	40.1	.02	WSW	1	SSE	3					7.9			41.9			16		
17	35		29.16		44	32			42.6	42.2	43.6	43.4	.30	SE	4	SE	5								42.0			17		
18	29.09		28.96		42	42			42.0	41.4	42.0	41.8	.37	SE	5	CSE	5								.0			18		
19	28.93		28.98		43	39			39.1	38.8	42.2	40.8	.40	ENE	3	WSW	1					1.5			.1			19		
20	29.09		29.17		44	35			40.0	38.3	38.8	37.9	.03	SSE	2	SSW	3					0.6			.2			20		
21	.23		.15		47	32			33.9	33.3	41.9	40.1	.01		0	E	6					4.9			.2			21		
22	.25		.53		45	33			41.8	40.0	41.1	39.3	.06	ENE	5	N	2					3.5			.2			22		
23	.62		.57		48	36			37.1	36.0	41.9	40.2		NW	3	SE	1					4.4			.2			23		
24	.56		.62		47	35			35.8	35.3	42.8	42.3	.01	SSE	1	SE	3					1.1			.2			24		
25	.69		.81		60	35			40.2	38.4	51.6	48.1	.04	S	1	S	3					6.2			.1			25		
26	.90		.77		54	39			45.3	45.3	51.8	49.7	.01		0	SSE	3							.1			26			
27	.62		.82		55	42			43.1	40.5	50.3	45.2	.02	W	3	W	3					8.4			.1			27		
28	.67		.79		51	41			46.5	44.4	45.0	38.9		SW	1	W	5					9.0			.2			28		
29	.76		.64		50	36			39.8	36.1	45.0	41.0		WSW	4	SW	3					10.6			.3			29		
30	.57		.75		47	36			39.8	37.2	42.1	40.0	.03	WNW	4	NW	2					9.5			.5			30		
31	29.48		29.53		44	38			40.3	39.2	48.1	33.7	.07	W	2	NW	4					4.9			42.6			31		
Sums.	15.41		15.90		1512	1160			12.1	285.2	128.1	63.9		2.34		71	97					113.9			41.9					
Means.	29.750		29.454		48.8	37.4			40.4	39.2	44.1	42.1		2.3		3.1														
Instrumental Errors.	.497		.573																											
Corrected Means.																														

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

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

WEATHER NOTATION.

a. denotes aurora.	m. denotes mist.
b. blue sky, cloudless.	p. passing showers.
bc. blue sky with detached clouds.	q. squally.
c. sky mainly cloudy, but with openings between the clouds.	r. continuous rain.
d. completely overcast.	s. snow.
dr. drizzling rain.	so. ha. solar halo.
e. wet air, without rain falling.	t. thunder.
f. fog.	ts. thunder-storm.
fe. wet fog.	u. ugly, threatening appearance.
g. gloomy.	v. unusual visibility of distant objects.
h. 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	11	12
	Calm.	Light Air.	Slight Breeze.	Gentle Breeze.	Moderate Breeze.	Fresh Breeze.	Strong Breeze.	High Wind.	Gale.	Strong Gale.	Whole Gale.	Storm.	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', 29.373 ✓
Correction for height, feet above Mean Sea Level, ... + .100 ✓
Mean, reduced to 32', and Sea Level, 29.473 ✓
Highest Reading, corrected for Index error, on th,
Lowest Do. Do., on th,
Difference, or Monthly Range,
29.452 ✓
29.451 ✓
.032 ✓
.473 ✓

SELF-REGISTERING THERMOMETERS.

Highest in Month, on 25th, 60 ✓
Lowest in Month, on 16th, 31 ✓
Difference, or Monthly Range, 29 ✓
Mean of all the Highest, 48.8 ✓
Mean of all the Lowest, 37.4 ✓
Difference, or Mean Daily Range, 11.4 ✓
Mean Temperature of Month, $\frac{1}{2}$ (Mean Max. + Mean Min.), ... 43.1 ✓
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, 42.3 ✓
Wet Bulb, Mean of A.M. and P.M. Readings, 40.7 ✓
Computed Temperature of Dew-Point,
Do. Elastic Force of Vapour,236 ✓
Do. Relative Humidity (Saturation = 100), ... 88% ✓
RAIN fell on 23 Days; Amount in Inches, 2.34 ✓

WIND.	SUMMARY.											
	Direction.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.	Mean Force 0-12.	
A.M.		1	1	1	3	9	6	5	3	3	23	
P.M.		2	2	9	7	4	4	3			31	
Sum.		2	1	3	12	16	10	9	6	3	27	

* 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, ... 23
Snow, 0
Hail, 3
Thunder, 0
Clear Sky,
Overcast,
Fog,
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)

THE SECRETARY

SCOTTISH METEOROLOGICAL SOCIETY

122 GEORGE STREET

EDINBURGH

BOOK POST

Halfpenny
Stamp.

SCOTTISH METEOROLOGICAL SOCIETY

SCOTTISH METEOROLOGICAL SOCIETY.

OBSERVATIONS taken at Aberdeen (King's College), County of _____, During the MONTH of April 1912.

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. 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.	
	9 A.M.	9 P.M.	Screen.	Black Bulb Max. in Sun. 9 P.M.	Min. on Grass. 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.	9 A.M.	9 P.M.		9 A.M.	9 P.M.	9 A.M.	9 P.M.	9 A.M.			9 P.M.
1	29.83	30.10	43	34		37.9	34.0	39.0	37.0	.02	W	5	W	4	W	W	7.8		42.6			L	1		
2	30.10	22	52	33		35.6	34.6	46.7	42.8	.01	SSW	1	W	3	W	W	6.7		.6			S.	2		
3	30.30	30.17	56	35		41.6	38.8	53.8	48.6	.01	WSW	2	S	2	W	SW	0.2		.6				3		
4	29.94	29.71	64	41		48.8	46.5	54.2	49.6		SSW	4	WSW	3	W	SW	4.0		.5				4		
5	.61	.71	63	49		55.0	50.1	57.2	51.6		WSW	4	W	4	W		7.2		.5				5		
6	29.64	.89	57	51		56.0	50.2	49.0	42.1		W	5	W	8	W	W	9.1		.6				6		
7	30.13	.86	51	38		41.7	39.4	45.3	44.8	.10	WSW	1	SSW	2	S		1.8		42.9				7		
8	29.11	.11	54	42		48.4	46.0	36.2	35.1	.15	SSW	3	SW	8	N	W	5.2		43.2				8		
9	.61	.52	45	31		35.2	31.6	40.2	37.8	.04	NW	6	W	3	W	SW	7.9		2				9		
10	.67	29.74	43	32		34.8	33.2	40.2	35.4	.04	WNW	3	NW	4	N	W	7.9		5				10		
11	29.87	30.10	41	31		32.4	31.4	34.8	32.8	.02	NW	5	WNW	5	N	W	9.9		4				11		
12	30.35	.33	47	29		34.8	31.8	44.0	40.2		WNW	3	SSE	1	SSW		9.4		4				12		
13	.38	.40	54	34		45.3	43.8	51.7	48.2		WNW	1	WNW				0.3		.2				13		
14	.42	.32	56	35		38.6	38.3	53.1	48.4		NW	2	SSE	1	WSW		8.7		.1				14		
15	.36	.27	59	38		48.6	46.0	50.7	48.1		NW	2	SE	3	S		7.4		.1				15		
16	.22	.14	62	47		51.7	49.2	50.6	46.1		SSW	3	SSE	4	S		9.9		.2				16		
17	.15	30.11	54	44		48.2	46.8	43.2	42.2		SSW	1	S	4	SSE		6.5		.3				17		
18	.00	29.93	50	42		42.3	41.2	43.8	42.0		SSE	1	SSE	1	SSE		8.1		.6				18		
19	.00	30.03	50	36		36.8	36.7	43.0	42.0		SSE	1	SSE	1	SSE		8.3		43.9				19		
20	.13	.21	59	36		46.2	45.4	51.2	46.8		S	1	SSE	4	SSE		7.1		46.0				20		
21	.30	.38	57	46		47.8	45.9	49.8	46.6		SSE	3	SSE	1	SSE		3.2		.2				21		
22	.51	.55	57	38		44.0	44.0	50.4	48.5			0	SE	2	SSE		9.3		.5				22		
23	.63	.69	62	35		44.8	44.8	55.6	47.8		SE	1	SSE	2	SE		12.3		.6				23		
24	.56	.46	62	38		43.9	41.5	50.6	48.6		NW	1	ESE	2	ENE		11.5		46.9				24		
25	.43	.31	54	43		45.9	44.3	46.3	45.0		NW	2	ENE	3	ENE		8.8		65.1				25		
26	.17	.03	47	41		43.6	41.0	45.2	43.5	.00	WNW	2	S	3	NNE				4				26		
27	.01	.04	53	42		44.1	40.4	45.8	40.4		N	3	ENE	4	NNE		8.4		.7				27		
28	.07	.08	51	38		43.6	40.4	46.8	43.7	.01	N	3	NW	3	NNE		2.0		.8				28		
29	.21	.33	49	39		42.7	40.3	45.0	40.8		N	2	NE	3	NNE		0.5		45.9				29		
30	30.37	30.28	54	39		42.6	40.0	45.0	41.0		NW	1	ESE	3	SSE		8.1		46.0				30		
31																							31		
Sums.	3.08	2.92	106	257		102.4	37.6	10.6	25.7	.40							17.2		43.8						
Means.	30.103	30.097	53.5	38.6		43.4	41.3	46.9	43.6								197.5								
Instrumental Errors.	(- .032)																								
Corrected Means.																									

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. fe. wet fog. g. gloomy. h. hail. i. 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.

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°, _____
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 4 th, _____
Lowest in Month, on 12 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.

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 9 Days; Amount in Inches, _____

Direction.	SUMMARY.										
	N	NE	E	SE	S	SW	W	NW	Calm or Variable.	Mean Force 0—12.	
A.M.	4			2	6	3	5	9	1		
P.M.	3	2	1	4	3	1	2	5	4	1	
Sum.	7	2	1	6	14	5	10	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, 9
Snow, 5
Hail, 3
Thunder, 0
Clear Sky, 1
Overcast, 1
Fog, 5
Ground Frost, 1
Gale, 2

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.

RECEIVED BY THE SECRETARY OF THE
SCOTTISH METEOROLOGICAL SOCIETY
JAN 18 1881

SCOTTISH METEOROLOGICAL SOCIETY.

(King's College)
OBSERVATIONS taken at Aberdeen, County of _____, During the MONTH of May 1912.

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.	Attached Ther- mometer	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.	Species and Direction. Amount (0-10).	Species and Direction. Amount (0-10).	9 A.M.	3 ins.	12 ins.		43 ins.	At 9 A.M.	At 9 P.M.				
	Barometer.	Barometer.					Dry bulb.	Wet bulb.		Dry bulb.	Wet bulb.			Force. Scale of 0-12.	Force. Scale of 0-12.										Force. Scale of 0-12.			
	inches.	inches.					inches.	inches.		inches.	inches.			inches.	inches.										inches.			
1	30.08	29.91		56	42		45.3	42.4	55.5	51.7	.08	S	3	SSW	3											1		
2	29.78	29.77		61	45		51.2	48.8	50.0	47.3	.06	WNW	3	-	0			5.3								2		
3	29.96	30.06		51	44		45.3	42.4	47.3	41.3	-	NNW	3	N	3			4.4								3		
4	30.13	.14		53	33		42.0	39.1	44.6	40.1	-	NW	1	SE	3			7.1								4		
5	30.11	30.02		51	41		45.0	41.8	44.7	43.5	.03	SSE	3	SSE	3			0.9								5		
6	29.89	29.87		60	44		46.1	45.6	57.3	53.6	.05	S	2	SSW	2			-								6		
7	29.91	29.95		67	46		52.6	51.3	61.8	56.4	.18	S	2	S	1			7.3								7		
8	30.15	30.10		65	52		58.9	57.8	57.0	53.3	.12	-	0	SSE	3			9.3								8		
9	.08	.14		66	48		58.4	54.1	54.1	49.0	-	SW	3	SSE	2			12.6								9		
10	30.12	30.06		61	47		51.9	46.6	54.0	48.2	.08	W	3	SSE	3			9.7								10		
11	29.63	29.50		62	48		48.4	47.6	55.2	49.0	-	SSE	3	W	5			2.9								11		
12	29.71	29.96		51	42		48.0	43.8	46.9	40.8	-	WNW	5	NW	4			9.3								12		
13	30.10	30.06		55	38		45.4	39.7	47.9	43.3	-	WNW	4	SSE	4			14.3								13		
14	29.93	29.72		65	36		47.4	43.3	62.6	50.0	-	SSW	1	SSW	4			14.4								14		
15	.59	.48		60	46		55.4	48.4	50.6	48.5	.91	S	2	SSE	2			3.7								15		
16	.32	.56		48	42		43.1	42.0	46.8	44.6	.13	WNW	7	WNW	7			0.1								16		
17	.83	.85		58	42		48.1	43.2	50.3	46.4	.04	WNW	5	SSE	1			10.1								17		
18	29.79	29.89		59	47		51.7	46.4	52.2	49.8	.13	WNW	3	-	0			6.4								18		
19	30.01	30.00		56	45		48.0	44.4	50.6	47.2	.05	-	0	SSE	2			1.3								19		
20	29.97	29.89		53	46		46.9	46.5	49.1	48.0	.07	NNW	1	ENE	3			-								20		
21	.87	.89		52	46		46.9	44.8	46.6	42.1	.00	NE	4	NNE	3			0.1								21		
22	.88	.85		55	34		44.3	41.5	49.2	44.6	-	NW	2	ENE	4			15.0								22		
23	29.87	29.98		55	39		48.6	46.0	49.0	46.6	.01	N	3	NE	3			3.0								23		
24	30.18	30.30		56	37		45.3	43.6	52.8	45.6	-	NW	3	N	3			10.7								24		
25	.36	.33		57	36		48.6	44.5	51.4	45.2	-	WNW	4	NNW	4			14.8								25		
26	.28	.19		54	37		45.3	41.2	51.1	44.4	-	WNW	4	NNW	4			11.7								26		
27	30.11	30.02		54	41		45.3	41.1	48.8	44.0	-	NW	4	NW	3			9.5								27		
28	29.98	29.93		61	41		47.2	43.6	52.3	48.8	-	NW	3	SE	2			7.8								28		
29	.85	.81		60	46		51.8	49.4	51.9	50.2	.02	-	0	E	2			2.7								29		
30	29.89	.97		55	47		48.0	46.8	52.4	49.2	-	ENE	3	ENE	2			6.7								30		
31	30.00	29.92		53	43		48.0	45.1	48.7	45.3	.00	NNE	2	ESE	2			0.6								31		
Sums.	2936	2912		220	81		2584	427	2180	196								2017			170							
Means.	.447	.439		57.1	42.6		48.3	45.3	51.4	47.0								202 hrs			47.5							
Instrumental Errors.	(-.032)																											
Corrected Means.																												
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. " squally. p. " continuous rain. q. " snow. r. " solar halo. s. " solar halo. t. " thunder. u. " thunder-storm. v. " ugly, threatening appearance. w. " unusual visibility of distant objects. x. " dew. y. " hoar frost. z. " 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.																												

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.	o. denotes mist.	p. passing showers.
q. squally.	r. continuous rain.	s. snow.	so. ha. solar halo.
t. thunder.	u. thunder storm.	v. ugly, threatening appearance.	w. unusual visibility of distant objects.
x. dew.	y. hoar frost.	z. dust haze.	

BEAUFORT SCALE FOR ESTIMATING FORCE OF WIND (0-12).			
0 Calm.	5 Fresh Breeze.	10 Strong 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. 815
Corrected Mean at 9 P.M., minus Correction for Temp. 807
Mean at Station, corrected, and at 32°, 29.810
Correction for height, feet above Mean Sea Level, + 101
Mean, reduced to 32°, and Sea Level, 29.911
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 th, 67.
Lowest in Month, on 4 th, 33.
Difference, or Monthly Range, 42.
Mean of all the Highest, 57.1
Mean of all the Lowest, 42.6
Difference, or Mean Daily Range, 14.5
Mean Temperature of Month, $\frac{1}{2}$ (Mean Max. + Mean Min.), 49.9
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, 49.4
Wet Bulb, Mean of A.M. and P.M. Readings, 46.2
Computed Temperature of Dew-Point, _____
Do. Elastic Force of Vapour, 270
Do. Relative Humidity (Saturation = 100), 75%
RAIN fell on 15 Days; Amount in Inches, 1.96

WIND.		SUMMARY.									
Direction.		N	NE	E	SE	S	SW	W	NW	Calm or Variable.	Mean Force 0-12.
A.M.		3	1	1	1	6	1	5	10	3	
P.M.		4	2	4	6	7	1	2	3	2	
Sum.		7	3	5	7	13	2	7	13	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, _____
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.

SCOTTISH METEOROLOGICAL SOCIETY 2001911

SCOTTISH METEOROLOGICAL SOCIETY.

OBSERVATIONS taken at

Aberdeen, Kings College, County of

During the MONTH of

June 1912

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.	Date.		
	7 A.M.	6 P.M.	Screen.	Black Bulb Max. in Sun. 9 P.M.	7 A.M.	6 P.M.	9 A.M.	9 P.M.		7 A.M.	6 P.M.	9 A.M.	9 P.M.	7 A.M.	6 P.M.	9 A.M.	9 P.M.	3 ins.	12 ins.	48 ins.	9 A.M.	9 P.M.				
1	29.82	29.76	53	46	46.7	46.4	50.2	48.8	.00	S	1	SE	3	—	—	—	—	—	—	—	—	h. = 1/2.	7-1	1-6	6.-h.	1
2	.74	.69	52	47	48.1	47.2	49.0	47.8	—	ESE	2	ESE	2	—	—	—	—	—	—	—	—	m.	m.	m.	m.	2
3	.60	.57	58	47	51.1	49.6	54.8	51.3	.11	NNE	2	NNE	3	—	—	—	—	—	—	—	—	m.	m.	m.	m.	3
4	.52	.59	53	46	48.4	47.4	49.7	49.3	.00	NNW	4	ENE	3	—	—	—	—	—	—	—	—	m.	m.	m.	m.	4
5	.68	.71	53	48	51.7	50.6	50.4	50.2	.04	NNE	4	NNE	4	—	—	—	—	—	—	—	—	m.	m.	m.	m.	5
6	.71	.74	54	49	50.4	49.0	50.9	50.1	.24	NNE	3	NNE	3	—	—	—	—	—	—	—	—	m.	m.	m.	m.	6
7	.80	.92	58	49	51.3	50.3	52.9	50.7	—	WNW	3	NW	3	—	—	—	—	—	—	—	—	m.	m.	m.	m.	7
8	.95	.93	53	48	49.1	48.3	52.1	49.7	.01	NW	3	NNW	2	—	—	—	—	—	—	—	—	m.	m.	m.	m.	8
9	.95	.97	57	48	50.2	49.0	53.8	49.6	—	NW	2	S	1	—	—	—	—	—	—	—	—	m.	m.	m.	m.	9
10	.96	.90	60	49	51.0	50.0	52.5	49.1	.21	E	1	NE	3	—	—	—	—	—	—	—	—	m.	m.	m.	m.	10
11	.85	.92	55	49	50.0	50.0	52.0	51.3	.08	ENE	3	NE	2	—	—	—	—	—	—	—	—	m.	m.	m.	m.	11
12	.94	.92	54	50	50.3	50.1	51.8	51.0	.02	ESE	2	SE	3	—	—	—	—	—	—	—	—	m.	m.	m.	m.	12
13	.74	.75	57	50	51.6	51.4	52.1	51.3	.35	SSE	2	ENE	2	—	—	—	—	—	—	—	—	m.	m.	m.	m.	13
14	.84	.77	54	47	47.6	45.6	50.3	47.1	.00	NW	2	ESE	1	—	—	—	—	—	—	—	—	m.	m.	m.	m.	14
15	.71	.69	56	45	48.6	45.6	51.5	47.9	—	NNW	2	ESE	2	—	—	—	—	—	—	—	—	m.	m.	m.	m.	15
16	.66	.85	55	45	48.0	43.6	51.3	45.0	.00	NW	2	NW	3	—	—	—	—	—	—	—	—	m.	m.	m.	m.	16
17	.95	.93	57	39	46.9	43.0	49.9	44.5	.20	WNW	3	SSE	3	—	—	—	—	—	—	—	—	m.	m.	m.	m.	17
18	.77	.70	66	47	49.6	49.2	65.0	60.1	.04	SSE	3	SSW	2	—	—	—	—	—	—	—	—	m.	m.	m.	m.	18
19	.81	.68	59	49	58.3	54.3	57.7	56.0	.10	—	0	SSW	1	—	—	—	—	—	—	—	—	m.	m.	m.	m.	19
20	.63	.76	63	50	58.0	52.6	58.0	54.3	.08	SW	3	W	1	—	—	—	—	—	—	—	—	m.	m.	m.	m.	20
21	.85	.82	65	50	54.1	50.9	61.8	56.1	.08	SW	1	SSW	4	—	—	—	—	—	—	—	—	m.	m.	m.	m.	21
22	.77	.79	65	53	54.3	53.4	62.5	59.8	.02	SSE	4	S	2	—	—	—	—	—	—	—	—	m.	m.	m.	m.	22
23	.72	.69	65	52	56.0	54.9	62.3	57.5	—	SSE	2	SSE	2	—	—	—	—	—	—	—	—	m.	m.	m.	m.	23
24	.73	.73	64	52	59.9	54.9	59.2	54.7	—	S	2	SSE	3	—	—	—	—	—	—	—	—	m.	m.	m.	m.	24
25	.72	.58	59	51	56.1	53.8	52.8	52.5	.14	SSE	3	SSE	3	—	—	—	—	—	—	—	—	m.	m.	m.	m.	25
26	.70	.86	63	48	52.2	51.7	60.4	55.2	.01	—	0	S	2	—	—	—	—	—	—	—	—	m.	m.	m.	m.	26
27	.98	.94	65	47	57.0	54.4	57.9	53.7	.03	—	0	SSE	3	—	—	—	—	—	—	—	—	m.	m.	m.	m.	27
28	.84	.72	58	54	53.6	53.0	55.0	54.3	.02	SSE	2	SE	3	—	—	—	—	—	—	—	—	m.	m.	m.	m.	28
29	.74	.70	64	46	54.7	53.0	58.3	53.6	—	SSW	2	S	3	—	—	—	—	—	—	—	—	m.	m.	m.	m.	29
30	29.71	29.70	68	47	55.5	53.5	56.1	57.8	.18	W	1	NE	1	—	—	—	—	—	—	—	—	m.	m.	m.	m.	30
31														—	—	—	—	—	—	—	—	m.	m.	m.	m.	31
Sums.	23.44	23.28	26.15	16	15.10	12.11	11.12	14.11	1.96																	
Means.	29.781	29.776	58.8	48.3	52.0	50.2	55.0	52.1																		
Instrumental Errors.																										
Corrected Means.																										

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. fog. g. fog, without rain falling. h. wet fog. i. gloomy. j. hail. k. 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. z. dust haze.

BEAUFORT SCALE FOR ESTIMATING FORCE OF WIND—(0—12).

FORCE.	0	1	2	3	4	5	6	7	8	9	10	11	12
	Calm.	Light Air.	Slight Breeze.	Gentle Breeze.	Moderate Breeze.	Fresh Breeze.	Strong Breeze.	High Wind.	Gale.	Strong Gale.	Whole Gale.	Storm.	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 30 th.

Lowest in Month, on 17 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.

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 19 Days; Amount in Inches.

WIND.	SUMMARY.											
	Direction.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.	Mean Force 0—12.	
A.M.	2	3	2	4	6	2	2	6	3	—		
P.M.	2	5	3	7	7	2	1	3	0	—		
Sum.	4	8	5	11	13	4	3	9	3	—		

* 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
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SCOTTISH METEOROLOGICAL SOCIETY 1861-1878

SCOTTISH METEOROLOGICAL SOCIETY.

OBSERVATIONS taken at King's College, County of Aberdeen, During the MONTH of July 1912.

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.	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.	Anemometer. 9 A.M.	7 A.M.	6 P.M.	9 A.M.	12 ins.	48 ins.	7 A.M.	6 P.M.			
																				Barometer.		
1	29.78	29.90	56	54		54.8	53.0	53.6	51.6	.02	NW	3	NNW	3								
2	29.95	30.05	52	52		51.9	50.0	50.0	48.9	.03	NW	6	NNW	4								
3	30.14		59	49		50.2	48.7	57.4	53.2		NW	3	N	3								
4	31	33	60	50		51.1	50.0	56.1	53.5		NW	2	ESE	1								
5	36	29	62	45		53.8	52.6	55.9	52.6			0	SSE	2								
6	30.17	30.05	62	49		53.5	50.5	55.1	52.6		S	3	SSE	4								
7	29.94	29.88	63	52		54.5	53.6	59.8	54.0		S	3	S	3								
8	29.74	28.7	63	52		56.8	55.4	58.6	55.6	.03	S	3	ENE	1								
9	30.00	29.8	65	44		56.3	51.2	59.4	53.1		SSW	2	SSW	2								
10	29.82	29.70	65	53		55.6	53.6	60.2	57.2	.01	S	3	S	4								
11	28.6	29.5	65	53		55.1	50.9	57.9	54.4	.29	SW	2	S	3								
12	29.89	29.84	66	54		59.2	58.4	61.0	58.6	.07	S	3	S	2								
13	30.05	30.18	64	56		57.0	55.9	60.4	56.4		NW	2	N	2								
14	18	12	72	49		58.9	56.6	66.8	60.2			0	S	1								
15	27	33	68	54		59.9	54.0	60.8	57.0		NW	2	NE	2								
16	32	31	60	56		57.3	55.8	56.8	54.8		N	2	NE	3								
17	30	16	61	53		54.6	52.2	57.2	51.0		NNE	2	S	2								
18	02	05	57	52		54.0	50.4	55.1	49.8	.00	NW	4	NNW	5								
19	03	10	58	50		52.3	49.6	53.8	51.8		NNW	5	NW	5								
20	12	10	66	52		53.3	51.3	61.4	53.8		NW	4	NNE	3								
21	14	15	61	48		52.1	50.4	55.7	52.2		NNW	2	NNE	2								
22	15	09	58	50		51.1	49.6	55.4	50.2		NNW	2	NW	3								
23	05	06	61	46		53.0	49.7	55.1	50.1		NNW	2	ENE	3								
24	30.08	30.05	62	52		54.4	51.2	57.0	55.4	.22	E	2	ESE	1								
25	29.95	29.86	60	54		57.0	56.9	57.7	57.4	.43		0	SE	2								
26	85	81	63	50		57.8	57.6	61.0	59.6	.02		0	SSE	2								
27	86	78	67	48		55.6	54.6	59.0	57.7	.00		0	S	1								
28	54	23	59	56		56.7	56.5	57.6	56.0	.39	ENE	3	S	3								
29	22	22	60	53		54.3	51.6	56.8	52.2	.04	SSW	4	SSE	3								
30	30	46	65	48		54.3	51.9	60.0	53.4	.16	SW	2	W	1								
31	29.51	29.44	64	46		51.3	48.3	57.1	52.4		SW	3	S	4								
Sums.	2440	2956	66	36		1477	826	2397	1273	1.71												
Means.	965	954	62.1	51.2		54.8	52.7	57.7	54.1													
Instrumental Errors.	(-.032)																					
Corrected Means.	Graviz																					

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 continuous rain. p. snow. q. solar halo. r. thunder. s. thunder-storm. t. ugly, threatening appearance. u. unusual visibility of distant objects. v. dew. w. hoar frost. x. dust haze.

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.

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 14th, _____
Lowest in Month, on 9th, _____
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.

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 12 Days; Amount in Inches, _____

WIND.	SUMMARY.							
	Direction.	N	NE	E	SE	S	SW	W
A.M.	3	1	2	0	6	4	0	10
P.M.	5	3	4	11	1	1	3	0
Sum.	8	4	5	4	17	5	13	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.

1 N 2
1 NE 2
1 E 2
1 SE 2
1 S 4
1 SW 1
1 W 1
1 NW 1
1 NNW 3

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.

SCOTTISH METEOROLOGICAL SOCIETY.

OBSERVATIONS taken at King's College, County of Aberdeen, During the MONTH of August 1912.

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.		8 P.M.		Screen.	Black Bulb Max. in Sun. 9 P.M.	7 A.M.		8 P.M.			7 A.M.		8 P.M.		9 A.M.	9 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 A.M.	Dry bulb.	Wet bulb.		Dry bulb.	Wet bulb.	Amount at 9 A.M.	Direction.			Force, Scale of 0-12.	Direction.				Force, Scale of 0-12.	Amount at 9 A.M.	Species and Direction.			Amount (0-10).	Species and Direction.	Amount (0-10).	9 A.M.		
																															3 ins.	12 ins.	48 ins.
	inches.	°	inches.	°	°	°	°	°	°	°	°	inches.																					
1	29.37		29.44		61	45	50.3	49.7	52.0	50.8	0.11	WNW	3	NW	5					0.9		53.8			1								
2	73		89		56	44	46.3	43.8	52.1	46.7		WNW	3	ESE	1					2.4		53.7			2								
3	96		97		58	39	46.5	45.4	54.1	50.4			0	SSE	3					8.5		53.6			3								
4	95		74		58	44	54.8	53.0	53.1	52.9	89	E	3	ENE	5							53.6			4								
5	40		36		59	52	55.1	55.1	55.7	54.0	07	ESE	3	SSW	3					0.2		53.6			5								
6	62		62		63	49	54.8	53.2	57.0	56.1		SSE	1	E	2					1.2		53.5			6								
7	57		58		58	54	54.9	53.9	56.1	54.1	49	NE	3	NNE	3							53.4			7								
8	59		62		57	52	53.0	52.7	56.1	54.5	42	WNW	3	WNW	4							53.2			8								
9	59		66		57	51	53.0	50.7	55.1	54.1	25	W	2		0							53.4			9								
10	29.72		29.87		55	50	50.1	50.0	53.0	52.0	77	NW	2	ENE	2							53.3			10								
11	30.01		30.06		60	47	51.1	50.4	54.4	51.0		NW	2	E	2					8.2		53.5			11								
12	30.04		29.95		59	42	49.6	48.7	54.2	50.1		NW	2	NNW	3					4.4		53.3			12								
13	29.75		56		52	48	49.1	46.0	49.3	47.0	03	WNW	4	WNW	5							53.1			13								
14	45		48		57	48	52.2	50.7	56.0	55.0	13	WNW	3		0							52.9			14								
15	54		63		58	52	53.0	52.1	57.1	55.5	05	NW	2	NW	1							52.8			15								
16	76		86		61	52	54.2	53.0	57.1	55.3		WNW	1	SE	2					1.2		52.8			16								
17	86		74		61	47	53.0	53.0	56.6	56.0	33		0	SE	2					0.5		52.7			17								
18	55		50		60	52	55.1	55.0	56.0	53.8	20		0	S	3					1.7		52.7			18								
19	55		59		55	50	50.9	50.0	52.7	51.0	20	WNW	1	ENE	3							52.8			19								
20	44		40		58	50	54.3	54.1	55.1	53.6	08	E	2	SSE	2							52.8			20								
21	54		75		58	51	52.6	51.0	54.2	50.9	05	WNW	4	W	2							52.9			21								
22	83		91		59	48	51.1	48.1	55.1	50.3		WNW	5	WNW	3					1.8		52.9			22								
23	80		68		57	39	43.0	42.1	52.7	49.1		WNW	1	ESE	2					5.0		52.9			23								
24	70		73		59	42	49.8	48.4	52.1	49.4		NNW	1	E	1					5.3		52.8			24								
25	74		70		59	37	40.9	40.5	54.0	49.0	00	NW	1	S	2					9.4		52.8			25								
26	61		54		59	40	49.2	48.7	52.0	48.7	01	WNW	2	N	4					4.7		52.8			26								
27	59		70		56	48	50.9	48.0	52.1	48.4		NW	4	NNW	2					0.2		52.7			27								
28	78		75		57	41	46.1	45.1	52.1	48.9	03	NW	1	SSE	3					2.4		52.6			28								
29	46		25		59	46	51.8	51.6	57.8	54.4	42	ESE	5	SW	4					1.0		52.6			29								
30	35		70		55	51	53.6	52.4	50.3	49.1	03	W	2	NW	6					0.5		52.6			30								
31	29.99		96		59	42	45.3	43.0	52.8	49.3	29	W	1	S	3					7.6		52.5			31								
Sums.	2084		2119		250	213	25.6	249.4	128.0	54.6	7									67.1		53											
Means.	29.672		29.684		58.1	46.9	50.8	49.7	54.1	51.7												53.1											
Instrumental Errors.																																	
Corrected Means.																																	

a. denotes aurora.

b. " blue sky, cloudless.

b.c. " blue sky with detached clouds.

c. " sky mainly cloudy, but with openings between the clouds.

d. " completely overcast.

d. " drizzling rain.

e. " wet air, without rain falling.

f. " fog.

f.e. " wet fog.

g. " gloomy.

h. " hail.

i. " 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.

BEAUFORT SCALE FOR ESTIMATING FORCE OF WIND—(0-12).

FORCE.

0 Calm.

1 Light Air.

2 Slight Breeze.

3 Gentle Breeze.

4 Moderate Breeze.

FORCE.

5 Fresh Breeze.

6 Strong Breeze.

7 High Wind.

8 Gale.

FORCE.

9 Strong Gale.

10 Whole Gale.

11 Storm.

12 Hurricane.

WEATHER NOTATION.

a. denotes aurora.	m. denotes mist.
b. blue sky, cloudless.	p. passing showers.
bc. blue sky with detached clouds.	q. squally.
c. sky mainly cloudy, but with openings between the clouds.	r. continuous rain.
d. completely overcast.	s. snow.
dr. drizzling rain.	so. ha. solar halo.
e. fog.	t. thunder.
f. fog, without rain falling.	t. s. thunder-storm.
fe. wet fog.	u. ugly, threatening appearance.
g. gloomy.	v. unusual visibility of distant objects.
h. 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	11	12
	Calm.	Light Air.	Slight Breeze.	Gentle Breeze.	Moderate Breeze.	Fresh Breeze.	Strong Breeze.	High Wind.	Gale.	Strong Gale.	Whole Gale.	Storm.	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 5 th, _____
Lowest in Month, on 25 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.

Observations made and Return verified by _____

(Signed) _____

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 20 Days; Amount in Inches, _____

Direction.	SUMMARY.											
	N	NE	E	SE	S	SW	W	NW	Calm or Variable.	Mean Force 0-12.		
A.M.	1	1	3	2	0	0	8	13	3			
P.M.	3	2	5	5	6	1	3	4	2			
Sum.	4	3	8	7	6	1	11	17	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.

N 1
NNE 0
NE 3
ENE 3
E 2
ESE 2
SE 2
SSE 4
S 3
SSW 1
SW 1
WSW 1
W 1
WNW 3
NW 3
NNW 1
N 2

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. _____

THE SECRETARY

SCOTTISH METEOROLOGICAL SOCIETY

122 GEORGE STREET

EDINBURGH

BOOK POST

Halfpenny
Stamp.

SCOTTISH METEOROLOGICAL SOCIETY

SCOTTISH METEOROLOGICAL SOCIETY.

OBSERVATIONS taken at Kings College, County of Aberdeen, During the MONTH of September 1912.

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. 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 9 A.M.	7 A.M.		6 P.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. 7 A.M.			Dry bulb.	Wet bulb.	Dry bulb.	Wet bulb.			Force. Scale of 0-12.	Direc- tion.	Force. Scale of 0-12.	Ane- mometer. 9 A.M.	Species and Direc- tion.	Amount (0-10).	Species and Direc- tion.									Amount (0-10).	
																															inches.
1	29.76	61	29.75		61	45				49.7	49.3	53.0	49.6	.01	—	0	NW	1				4.1						52.3		1	
2	29.82	60	30.03		57	40				43.4	42.4	52.6	49.4	.00	WNN	2	NNE	2				4.8						52.3		2	
3	30.08		29.70		56	37				41.0	40.6	51.6	51.1	.37	—	0	S	4				—						52.2	m m	3	
4	29.46		48		62	40				51.0	49.1	57.1	50.2	.04	SW	2	WSW	5				3.0						52.2		4	
5	50		61		58	47				51.9	47.7	51.1	47.6	.03	WSW	3	WNW	5				3.6						52.0		5	
6	29.67		29.90		55	48				50.3	48.1	49.6	46.9	.02	WNN	5	NW	6				3.1						51.8		6	
7	30.06		30.10		53	46				47.2	45.0	47.9	46.7	.12	WNN	4	NN	1				—						51.7		7	
8	.09		.19		50	45				45.8	45.3	45.9	42.4	.00	NW	1	NNW	3				2.4						51.6		8	
9	.23		.22		52	40				43.1	41.6	46.2	45.1	.05	WNN	4	NW	5				3.0						51.5		9	
10	.22		.21		48	43				45.8	44.9	46.2	43.0	.01	NW	5	NW	4				—						51.4		10	
11	.18		.33		52	45				47.6	45.6	49.7	46.1	—	NNW	4	NNW	3				0.1						51.2		11	
12	.44		.40		58	43				44.2	43.4	52.0	49.6	—	NW	3	S	2				9.9						51.0		12	
13	.33		.24		59	40				43.3	43.0	55.1	53.2	.02	NW	1	—	0				4.3						50.9		13	
14	.27		.19		59	43				50.3	49.0	55.1	50.7	.01	NW	1	NW	2				2.1						50.7		14	
15	.18		.20		59	48				51.7	49.9	55.3	53.2	—	WNN	4	NW	1				0.5						50.6		15	
16	.16		.16		67	48				52.1	51.4	55.3	52.0	—	SW	1	NNW	1				6.0						50.7		16	
17	.18		.31		57	49				55.0	51.1	52.2	50.3	.20	WNN	4	NW	3				—						50.7		17	
18	.45		.52		56	47				47.9	47.2	52.2	49.0	—	NNW	2	N	1				3.6						50.8		18	
19	.54		.52		58	43				48.1	47.7	53.1	51.3	—	—	0	SSE	2				2.2						50.8	m	19	
20	.52		.51		57	47				51.6	49.4	51.4	49.2	—	SSE	2	S	2				2.6						50.8		20	
21	.50		.50		57	46				46.6	45.1	52.3	50.6	—	SW	1	S	3				7.2						50.9		21	
22	.52		.50		56	45				46.0	45.4	52.3	50.8	—	WSW	1	S	3				9.2						50.9		22	
23	.55		.53		56	45				45.4	45.2	51.7	49.9	—	—	0	SSE	3				8.3						51.0	m	23	
24	.53		.46		56	45				51.2	48.1	51.0	48.0	—	S	1	SSE	2				0.4						50.9		24	
25	.36		.28		55	45				50.1	48.6	48.3	44.4	—	SSE	2	SE	3				3.0						50.9		25	
26	.23		.21		52	48				50.1	45.2	51.2	48.9	—	SE	2	SSE	3				—						50.8		26	
27	.22		.23		55	50				50.2	47.6	50.9	49.2	—	SSE	3	SE	3				2.3						50.7		27	
28	.26		.25		54	50				51.1	49.1	51.3	48.9	.00	SE	4	ESE	5				0.4						50.7		28	
29	30.17		30.03		54	50				51.8	50.0	51.9	50.0	.06	ESE	6	ESE	6				—						50.6		29	
30	29.77		29.51		53	51				51.4	50.7	51.6	51.2	.76	ESE	6	ENE	6				—						50.5		30	
31																						—									31
Sums.	525		507		180	159				2549	45.1			1.33								7							35.1		
Means.	30.175		30.169		56.0	45.3				48.5	46.9	51.5	49.0	1.70								86							51.2		
Instrumental Errors.	(-.032 Gravity)																														
Corrected Means.																															

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

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

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. solar halo.
e. drizzling rain.	t. thunder.
f. wet air, without rain falling.	th. thunder-storm.
g. fog.	u. ugly, threatening appearance.
h. wet fog.	v. unusual visibility of distant objects.
i. gloomy.	w. dew.
j. hail.	x. hoar frost.
k. lightning.	y. dust haze.
la. lunar corona.	
lu. ha. lunar halo.	

BEAUFORT SCALE FOR ESTIMATING FORCE OF WIND—(0-12).											
0	1	2	3	4	5	6	7	8	9	10	11
Calm.	Light Air.	Slight Breeze.	Gentle Breeze.	Moderate Breeze.	Fresh Breeze.	Strong Breeze.	High Wind.	Gale.	Strong Gale.	Whole Gale.	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°, 30.039
Correction for height, feet above Mean Sea Level, ... + 101
Mean, reduced to 32°, and Sea Level, 30.140
Highest Reading, corrected for Index error, on th.
Lowest Do. Do. on th.
Difference, or Monthly Range,

SELF-REGISTERING THERMOMETERS.

Highest in Month, on 16th, 67
Lowest in Month, on 3th, 37
Difference, or Monthly Range, 30
Mean of all the Highest, 56.0
Mean of all the Lowest, 45.3
Difference, or Mean Daily Range, 10.7
Mean Temperature of Month, $\frac{1}{2}$ (Mean Max. + Mean Min.), ... 50.7
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, 50.0
Wet Bulb, Mean of A.M. and P.M. Readings, 48.0
Computed Temperature of Dew-Point,
Do. Elastic Force of Vapour, 30.9
Do. Relative Humidity (Saturation = 100), ... 86%
RAIN fell on 13 Days; Amount in Inches, 1.70

WIND.	SUMMARY.										
	Direction.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.	Mean Force 0-12.
A.M.		1		1	1	2	3	4	4	9	4
P.M.		2	1	1	1	2	2	1	1	10	1
Sum.		5	1	2	2	4	5	5	5	19	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,
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
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SCOTTISH METEOROLOGICAL SOCIETY

OBSERVATIONS taken at Aberdeen, County of _____, During the MONTH of October 1912.

[illegible]

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*.

THE SECRETARY

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SCOTTISH METEOROLOGICAL SOCIETY

SCOTTISH METEOROLOGICAL SOCIETY.

OBSERVATIONS taken at King's College, County of Aberdeen, During the MONTH of November 1912.

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.	Date.
	7 A.M.	6 P.M.	Screen.	Black Bulb Max. in Sun.	Min. on Grass.	7 A.M.	6 P.M.	7 A.M.	6 P.M.		7 A.M.	6 P.M.	Force.	Direction.	9 A.M.	9 P.M.	3 ins.	12 ins.	48 ins.	At 9 A.M.	At 9 P.M.		
1	30.24	30.21	42	32		33.7	32.4	39.2	37.2	0.6	WNW	3	W	4			4.1		46.9			0-7, 7, 7a-1h, 1, 1-6, 6, 6-12	1
2	25	29	41	33		37.0	36.6	37.1	36.0	0.4	NNW	3	WNW	3			1.9		46.8				2
3	30	30	42	35		36.6	35.0	37.1	35.3	0.6	WNW	3	W	1			0.5		46.6				3
4	30.10	29.85	48	29		37.1	36.9	45.7	45.6	0.42	WSW	1	Calm	0					46.3				4
5	29.82	29.98	51	36		47.2	47.2	49.6	49.6	0.4	NW	1	S	1					46.1				5
6	30.00	30.07	56	45		45.4	45.2	51.3	49.9		SW	1	Calm	0			3.4		45.8				6
7	08	29.95	54	43		50.0	48.2	52.2	51.2	0.3	SSW	3	SW	1					45.6				7
8	30.14	30.24	52	47		46.6	45.4	45.6	43.8		NNW	3	SW	2					45.7				8
9	29.94	29.69	53	39		49.2	49.0	46.3	43.9	0.5	S	5	WSW	1					45.7				9
10	57	17	44	35		37.2	35.3	42.9	42.4	0.15	WSW	3	WSW	2					45.8				10
11	29	38	42	35		38.3	37.4	39.0	37.8	0.26	NW	6	NNW	5					45.8				11
12	57	66	42	38		40.1	38.8	38.9	37.1	0.34	NNW	6	NW	5					45.6				12
13	79	29.91	44	38		41.6	40.5	42.0	39.9	0.10	N	6	NNW	5					45.4				13
14	29.97	30.01	49	39		40.2	38.1	46.2	44.9	0.01	NW	3	NNW	3					45.3				14
15	30.05	16	52	40		48.7	47.3	46.5	45.6		NW	3	Calm	0			0.9		45.0				15
16	30.17	30.07	47	45		45.2	44.0	46.4	46.1	0.03	NW	1	S	1					44.9				16
17	29.93	29.96	47	36		38.1	37.8	38.1	37.0		Calm	0	SW	2					44.9				17
18	99	30.10	45	32		33.6	33.0	37.4	36.8		WSW	1	NNW	2					44.9				18
19	79	29.69	46	33		42.1	40.4	41.9	39.3		SW	3	SW	3					44.8				19
20	29.75	29.85	45	39		41.9	39.0	42.7	39.2		W	5	NNW	6					44.7				20
21	30.03	30.05	51	41		43.9	41.4	48.0	46.9	0.04	W	1	Calm	0					44.8				21
22	04	30.00	54	42		48.7	47.6	53.6	50.0		WSW	2	SW	4					44.5				22
23	30.04	29.86	51	41		41.1	41.1	47.6	47.0	0.00	W	1	S	2					44.2				23
24	29.67	72	51	39		44.9	41.0	44.2	41.6	0.05	WSW	6	S	2					44.1				24
25	31	29.44	45	43		43.8	42.0	40.0	37.2	0.00	SW	3	WSW	3					44.1				25
26	29.17	28.24	50	37		42.3	40.4	43.7	40.1	0.78	S	4	SW	7					44.2				26
27	28.82	29.37	40	38		38.5	37.6	34.0	31.2	0.04	NNW	6	NNW	5					44.1				27
28	29.64	61	32	28		28.6	27.4	26.2	24.1		W	4	WSW	1					44.0				28
29	52	55	29	19		20.6	19.6	24.4	23.0		W	1	NNW	3					43.8				29
30	29.57	29.61	32	21		26.6	25.4	32.2	32.0	0.56	W	2	NNW	3					43.7				30
31																							31
Sums.	2455	2399	177	198		8.8	27.0	60.0	11.7	3.06							46.3		41				
Means.	29.818	29.800	45.9	36.6		40.3	39.0	42.0	40.4								1.5		45.1				
Instrumental Errors.		-0.032																					
Corrected 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. solar halo.
e. drizzling rain.	t. thunder.
f. fog.	ts. thunder-storm.
fe. wet fog.	u. ugly, threatening appearance.
g. gloomy.	v. unusual visibility of distant objects.
h. hail.	w. dew.
i. lightning.	x. hoar frost.
lu. co. lunar corona.	z. dust haze.
lu. lu. lunar halo.	

BEAUFORT SCALE FOR ESTIMATING FORCE OF WIND—(0-12).		
Force.	Force.	Force.
0 Calm.	5 Fresh Breeze.	9 Strong Gale.
1 Light Air.	6 Strong Breeze.	10 Whole Gale.
2 Slight Breeze.	7 High Wind.	11 Storm.
3 Gentle Breeze.	8 Gale.	12 Hurricane.
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°, 29.675
Correction for height, feet above Mean Sea Level, ... + 102
Mean, reduced to 32°, and Sea Level, 29.777
Highest Reading, corrected for Index error, on th,
Lowest Do. Do., on th,
Difference, or Monthly Range,

SELF-REGISTERING THERMOMETERS.

Highest in Month, on 6 th, 56
Lowest in Month, on 29 th, 19
Difference, or Monthly Range, 37
Mean of all the Highest, 45.9
Mean of all the Lowest, 36.6
Difference, or Mean Daily Range, 9.3
Mean Temperature of Month, $\frac{1}{2}$ (Mean Max. + Mean Min.), ... 41.3
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, 41.2
Wet Bulb, Mean of A.M. and P.M. Readings, 39.7
Computed Temperature of Dew-Point,
Do. Elastic Force of Vapour, 2.27
Do. Relative Humidity (Saturation = 100), ... 89
RAIN fell on 18 Days; Amount in Inches, 3.06

WIND.	SUMMARY.									
	Direction.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.
A.M.		2				3	5	11	8	1
P.M.		1				4	8	8	5	4
Sum.		3	0	0	0	7	13	19	13	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,
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)

Halfpenny
Stamp.

THE SECRETARY

SCOTTISH METEOROLOGICAL SOCIETY

122 GEORGE STREET

EDINBURGH

BOOK POST

MEMBERSHIP LIST

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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	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	

SCOTTISH METEOROLOGICAL SOCIETY.

OBSERVATIONS taken at Kings College, County of _____, During the MONTH of December 1912.

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.	7 A.M.	6 P.M.	Dry bulb.	Wet bulb.		7 A.M.	6 P.M.	Anemometer.	9 A.M.	9 P.M.	9 A.M.		9 P.M.	3 ins.	12 ins.	48 ins.	At 9 A.M.			At 9 P.M.	
																									Barometer.
1	29.62	29.59	27	24	23.5	22.4	17.0	15.7	—	WNW	3	WSW	1			4.7		43.4							
2	29.70	30.01	32	9	12.6	11.9	32.0	29.9	—	WNW	2	WNW	4			4.7		43.0							
3	30.21	.04	49	12	25.3	24.7	38.0	37.6	.08	—	0	S	3			—		42.7							
4	29.87	29.79	52	25	47.4	46.8	51.2	49.6	—	SSW	5	SSW	5			—		42.4							
5	.81	.71	49	47	48.6	47.0	44.3	42.9	—	—	0	SSE	3			—		42.2							
6	.53	.63	46	39	39.2	37.6	46.2	45.0	—	SSW	2	S	3			—		41.8							
7	.78	.72	47	38	40.1	39.2	46.0	45.4	.06	W	1	SSE	4			—		41.7							
8	.87	.94	48	40	44.7	43.6	43.9	42.6	—	SSW	2	SSW	2			—		41.6							
9	.79	.59	49	41	45.1	43.2	47.8	46.8	—	S	3	S	3			—		41.6							
10	.90	.89	44	37	38.1	36.2	40.3	38.1	.05	WSW	1	SSW	2			0.8		41.6							
11	.32	.14	51	37	44.1	43.8	46.8	43.5	.12	SSE	6	SSW	3			—		41.6							
12	.25	.33	44	35	37.6	36.0	40.0	37.9	.00	SSW	1	SW	4			1.1		41.7							
13	.39	.21	58	35	44.0	42.2	49.6	45.2	—	S	5	SW	4			0.3		41.7							
14	.10	.52	48	44	47.1	42.4	41.3	38.5	.04	WSW	5	SW	3			1.0		41.7							
15	.49	.57	40	38	38.0	36.6	37.0	35.4	.02	SW	4	SW	2			0.9		41.8							
16	.52	.48	39	35	35.1	32.6	35.3	33.7	—	WSW	4	SW	4			3.1		41.7							
17	.43	.29	39	34	35.2	32.3	36.8	35.3	.08	WSW	4	SW	4			—		41.7							
18	.18	.38	37	32	33.1	33.0	33.0	31.5	.08	WSW	2	W	3			3.2		41.6							
19	.39	.18	52	31	36.9	36.4	48.8	46.7	.06	SSW	3	SW	6			—		41.5							
20	.45	.64	53	47	50.6	49.1	50.1	49.0	.00	SSW	4	ESE	2			—		41.2							
21	.68	.65	49	48	48.3	48.0	43.6	41.5	.12	S	4	SW	2			—		41.2							
22	.64	.69	43	41	42.4	39.7	41.1	39.3	—	SW	5	S	1			1.8		41.2							
23	.65	29.59	45	31	35.1	34.6	41.1	41.0	—	SW	2	SSW	3			0.3		41.2							
24	.60	28.94	47	35	39.9	39.3	45.2	44.6	.21	SW	1	SSE	5			—		41.3							
25	.32	29.29	46	39	45.4	41.6	43.2	40.5	—	WSW	6	SSW	4			2.4		41.2							
26	.48	.42	36	33	33.9	32.9	35.1	34.7	—	SW	1	WNW	3			—		41.2							
27	.63	.35	47	31	30.5	30.0	43.2	42.4	.27	—	0	SSE	5			—		41.1							
28	.02	.38	49	31	46.8	46.7	40.8	38.3	—	S	3	SSW	2			3.7		41.2							
29	.49	.27	43	34	34.1	33.3	42.3	41.3	.00	S	1	S	3			0.2		41.0							
30	.88	.89	51	34	39.4	36.4	43.4	42.8	.07	WSW	4	SSW	2			—		40.9							
31	29.49	29.54	52	37	50.4	47.8	46.4	41.3	—	SSW	5	WSW	7			2.8		40.9							
Sums.	1748	1666	172	144	12125	11673	12908	12380	1.26							31.0		19.6							
Means.	29.564	29.537	45.5	34.6	39.1	37.7	41.6	39.9										41.6							
Instrumental Errors.	(-.032) Gravity																								
Corrected Means.																									

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. g. fog. h. wet fog. i. gloomy. j. hail. k. lightning. l. lunar corona. lu. ha. lunar halo. m. denotes mist. n. passing showers. o. squally. p. continuous rain. q. snow. r. solar halo. s. ha. solar halo. t. thunder. u. thunder-storm. v. ugly, threatening appearance. w. unusual visibility of distant objects. x. dew. y. hoar frost. z. 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°, _____
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 13th, _____ 58
Lowest in Month, on 2th, _____ 9
Difference, or Monthly Range, _____ 49
Mean of all the Highest, _____ 45.5
Mean of all the Lowest, _____ 34.6
Difference, or Mean Daily Range, _____ 10.9
Mean Temperature of Month, $\frac{1}{2}$ (Mean Max. + Mean Min.), _____ 40.1
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, _____ 39.9 40.4
Wet Bulb, Mean of A.M. and P.M. Readings, _____ 38.8
Computed Temperature of Dew-Point, _____
Do. Elastic Force of Vapour, _____ 218
Do. Relative Humidity (Saturation = 100), _____ 87
RAIN fell on 13 Days; Amount in Inches, _____ 1.26

WIND.	SUMMARY.							
	N	NE	E	SE	S	SW	W	NW
A.M.	0	0	0	1	9	11	6	1
P.M.	0	0	1	2	14	13	3	1
Sum.	0	0	1	3	20	24	9	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 M.O. _____
Precipitation, ... _____
Snow, _____ 1
Hail, _____ 0
Thunder, _____ 0
Clear Sky, _____ 5
Overcast, _____ 6
Fog, _____ 0
Ground Frost, _____
Gale, _____ 3

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) _____

Aberdeen College
Kings 1912

THE SECRETARY

SCOTTISH METEOROLOGICAL SOCIETY

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EDINBURGH

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Yours faithfully

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