

SCOTTISH METEOROLOGICAL SOCIETY.

Observations taken at Haddo House, County of Aberdeen, in Lat. 57° 4', Long. 2° 14', Distance from Sea 12 miles.
Height of Cistern of the Barometer above Mean Sea-Level 180 feet, above Ground 3 feet. During the MONTH of January 1902.

The Hours of Observation are of Greenwich Time.

ELECTRICITY.	Days of Month.	BAROMETER.				SELF-REGISTERING THERMOMETERS. Read Daily, at 9 P.M.				HYGROMETER.				Rain.		WIND.				CLOUDS.				SUNSHINE.	THERMOMETERS under Ground.			SEA.	OZONE.		GENERAL REMARKS. As to occurrence of Thunder, Lightning, Storms, Hail, Meteors, Remarkable Depression or Elevation of Barometer, Prevalent Diseases, etc. Mention the hour at which Storms, including Thunder and Lightning, began and ended.	Days of Month.				
		9 h. A.M.		9 h. P.M.		Protected in Shade, 4 feet above Ground.		Exposed Black Bulbs.		9 h. A.M.		9 h. P.M.		No. of hours in which it fell.	Amount in inches.	9 h. A.M.		9 h. P.M.		9 A.M.		P.M.			9 h. A.M.				0-10.							
		Barometer.	Attached Thermometer.	Barometer.	Attached Thermometer.	Max.	Min.	Max.	Min.	Dry bulb.	Wet bulb.	Dry bulb.	Wet bulb.			Direction.	Force.	Direction.	Force.	Readings of the H. Cup Anemometer.	9 h. A.M.	Velocity (0-6) and Direction.	Amount (0-10), and Species.		Velocity (0-6) and Direction.	Amount (0-10), and Species.	No. 3 inches.		No. 12 inches.	No. 22 inches.			Temperature of Well at depth of feet, No.	Temperature at 1 fathom, and Density.	9 A.M.	9 P.M.
		* No.		No.		No.	No.	No.	No.					No.				No.																		
		inches.	°	inches.	°	°	°	°	°	31°	29°	°	°														°		°							
1	29.164	33	28.504	41	42.28	41	23	29	29	42	41	+		S.W.	5.6									33	34	36				1						
2	28.558	40	29.056	40	42.38	42	31	39	38	40	40	+		N	5.4									35	34	36				2						
3	29.304	39	29.168	42	48.35	45	30	38	37	42	40	+		S	5.4									35	35	36				3						
4	29.128	41	28.928	40	43.36	42	30	43	42	39	37	+		S.W.	5.4									36	36	36				4						
5	29.556	39	29.642	43	45.37	43	33	38	36	45	42	+	45	N.W.	5.4									36	36	36				5						
6	29.592	48	29.826	44	49.42	51	38	49	46	44	42	+		N.W.	5.4									39	37	36				6						
7	29.782	47	29.854	46	49.43	48	38	46	43	46	43	+		N	5.4									39	37	37				7						
8	29.818	46	29.712	42	47.39	47	34	46	42	40	39			N	5.4									39	38	37				8						
9	29.278	45	29.252	43	47.37	48	30	46	44	42	38			S.W.	5.4									39	38	37				9						
10	29.368	38	29.456	35	42.32	41	29	35	34	32	30	+		N	5.4									35	37	37				10						
11	29.722	33	29.842	30	33.26	34	21	30	29	27	26	+		N.W.	5.4									33	36	37				11						
12	29.592	31	29.782	32	36.24	41	18	28	27	31	29	+	18	S.W.	5.4									33	35	37				12						
13	29.982	30	30.136	31	31.27	37	23	28	27	31	29	+		N.W.	5.4									32	35	36				13						
14	30.292	30	30.276	29	32.26	35	20	27	27	27	26			N	5.4									32	35	36				14						
15	29.974	41	29.952	44	47.26	47	22	45	43	46	43	+		N	5.4									33	34	36				15						
16	30.078	45	30.172	46	49.45	50	39	47	44	47	45			N.W.	5.4									37	35	36				16						
17	30.082	41	29.982	42	47.38	46	32	39	38	41	39			S.W.	5.4									36	36	36				17						
18	29.944	41	29.938	41	42.37	42	33	40	39	40	38			S.W.	5.4									37	36	36				18						
19	29.714	41	29.418	43	46.35	46	28	40	38	43	41		15	S.W.	5.4									37	37	36				19						
20	29.478	41	29.646	36	50.32	49	26	37	36	33	32	+		N.W.	5.4									37	37	36				20						
21	29.726	31	29.700	38	39.26	39	21	26	26	37	37	+		S	5.4									33	36	36				21						
22	29.756	39	29.742	36	45.32	48	26	39	38	32	32	+		N	5.4									34	35	36				22						
23	29.562	43	29.224	44	49.32	49	26	45	43	45	41			S.W.	5.4									35	35	36				23						
24	28.792	41	28.634	36	44.32	46	29	41	40	32	32	+		N	5.4									38	36	36				24						
25	28.602	32	28.976	31	32.26	34	22	29	27	30	29	+		S.W.	5.4									33	36	36				25						
26	29.108	26	29.236	27	34.22	39	20	24	24	24	24	+	52	N	5.4									33	35	36				26						
27	29.164	23	28.948	28	28.17	31	9	18	18	26	26	+		N	5.4									32	34	36				27						
28	28.842	32	29.272	30	32.22	37	15	31	31	29	29	+		N.E.	5.4									32	34	36				28						
29	29.566	24	29.872	28	30.17	37	12	17	17	26	26	+		N	5.4									32	34	36				29						
30	30.238	27	30.504	20	32.15	38	10	27	26	15	15	+		N.W.	5.4									32	34	36				30						
31	30.782	16	30.720	17	32.6	30	1	12	12	12	12		40	N	5.4									31	33	35				31						
Sums.		16114	7133		1116	1511	1717		1114		160													1117	19											
Means.		916.544	1124.918	670	125.125	932	1303.768	1088	1040	1086	1043													1088	1090	1121										
+ Total Corrections for Instrumental Errors.		+120	+120																																	
+ Corrections for Diurnal Range.																																				
"Corrected Means."		29.686	29.720																																	
No. of Column.		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					

NOTATION USED IN GENERAL REMARKS.					
a.	denotes aurora.	m.	denotes meteor.		
ci.	" cirrus.	ms.	" meteors.		
ci.-cu.	" cirro-cumulus.	n.	" nimbus.		
cl.-s.	" cirro-stratus.	r.	" rain.		
cu.	" cumulus.	h. r.	" heavy rain.		
cu.-s.	" cumulo-stratus.	c. h. r.	" continued heavy rain.		
d.	" dew.	s.	" stratus.		
f.	" fog.	sc.	" sleet.		
fr.	" frost.	s.	" snow.		
h.-fr.	" hoar-frost.	so. ha.	" solar halo.		
h.	" haze.	sq.	" squall.		
h. d.	" heavy dew.	sq.	" squalls.		
hl.	" hail.	t.	" thunder.		
l.	" lightning.	t. s.	" thunder-storm.		
li. cl.	" light clouds.	w.	" wind.		
li. sh.	" light showers.	g.	" gale of wind.		
lu. co.	" lunar corona.				
lu. ha.	" lunar halo.				

TABLE FOR ESTIMATING FORCE OF WIND.					
Estimated Force, 0-6.	Common Designation.	Estimated Force, 0-6.	Common Designation.	Estimated Force, 0-6.	Common Designation.
0	Calm	1.5	Light breeze	4	Blowing hard
0.5	Very light air	2.	Fresh breeze	5	Blowing gale
1.	Light air	3.	Very fresh	6	Violent gale

BAROMETER, "corrected Mean" at 9 A.M., minus the Correction $\frac{1}{10}$ for Temp. (Col. 2), = 29.686
"Corrected Mean" of Barometer at 9 P.M., minus the Correction $\frac{1}{10}$ for Temp. (Col. 4), = 29.700
Mean at Station, corrected, and at 32°, = 29.683
Correction for height, feet above Mean Sea-level, = 204
Mean, reduced to 32°, and Sea-level, = 29.887
Highest Reading, corrected for Index error, on the 21 th, = 30.782
Lowest Do. Do., on the 2 th, = 28.558
Difference, or Monthly Range, = 2.224

S.R. THERMOMETER, (in shade, etc.), Highest in Month, (corrected for Index Errors), on the 7 th, = 50.0
Lowest in Month, corrected for Index errors, on the 31 th, = 6.0
Difference, or Monthly Range, = 44.0
"Corrected Mean" of all the Highest, (Col. 5), = 46.3
"Corrected Mean" of all the Lowest, (Col. 6), = 30.6
Difference, or Mean Daily Range, = 10.7
** Calculated Mean Temperature of Month, = 36.0
S.R. THERMOMETER, Black Bulb in Sun, Highest, (corrected for Index Errors), on the 6 th, = 51.0
"Corrected Mean," (Col. 7), of Black Bulb, Max. in Sun, = 42.0
Lowest at Night, Black Bulb (corrected for Index errors), on the 31 th, = 1.0
"Corrected Mean," (Col. 8), of Black Bulb, Min. on grass, = 24.8
Difference of above means or range ("exposed"), =

HYGROMETER, Mean (corrected) A.M. and P.M. Reading of Dry Bulb, (Cols. 9 and 11), = 35.5
Mean (corrected) A.M. and P.M. Reading of Wet Bulb, (Cols. 10 and 12), = 34.1
†† Computed Temperature of Dew-Point, = 31.4 32.0
†† Do. Elastic Force of Vapour, = .176 .187
†† Do. Weight of Vapour in a Cubic Foot of Air, = .86 .87
†† Relative Humidity (Saturation = 100), = 86 87
RAIN fell on 21 Days; Amount in Inches, = 1.60

WIND.		SUMMARY.									
Direction.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.	Mean Force.	Mean Velocity in miles per day
A.M.	2	1	-	-	3	9	9	7	-		
P.M.	4	-	-	1	1	9	7	9	-		
Mean.	3	1	0	0	2	9	8	8	0		

Observations made and
Return verified by

John Torneer

(Signed)

SCOTTISH METEOROLOGICAL SOCIETY.

Observations taken at Haddo House, County of Aberdeen, in Lat. 57°24', Long. 2°14', Distance from Sea 12 miles.Height of Cistern of the Barometer above Mean Sea-Level 180 feet, above Ground 3 feet.During the MONTH of February 1902.

The Hours of Observation are of Greenwich Time.

ELECTRICITY.	Days of Month.	BAROMETER.				SELF-REGISTERING THERMOMETERS. Read Daily, at 9 P.M.				HYGROMETER.				Rain.	WIND.				CLOUDS.				SUNSHINE. Hours.	THERMOMETERS under Ground.			Temperature of WELL at depth of feet, &c.	SEA. Temperature at 1 fathom, and Depth.	OZONE.		GENERAL REMARKS. As to occurrence of Thunder, Lightning, Storms, Hail, Meteors, Remarkable Depression or Elevation of Barometer, Prevalent Diseases, etc. Mention the hour at which Storms, including Thunder and Lightning, began and ended.	Days of Month.							
		9 h. A.M.		9 h. P.M.		Protected in Shade, 4 feet above Ground.		Exposed Black Bulbs.		9 h. A.M.		9 h. P.M.			9 h. A.M.		9 h. P.M.		9 A.M.		P.M.			9 h. A.M.					0-10.										
		Barometer.	Attached Thermometer	Barometer.	Attached Thermometer	Max.	Min.	Max. in Sun's rays	Min. on Grass.	Dry bulb.	Wet bulb.	Dry bulb.	Wet bulb.		No. of Days in which it fell.	Amount in Inches.	Direction.	Force	Direction.	Force	Readings of the H. Cup Anemometer.	Velocity (0-6) and Direction.		Amount (0-10), and Species.	Velocity (0-6) and Direction.	Amount (0-10), and Species.			No.	3 inches.			No.	12 inches.	No.	22 inches.	9 A.M.	9 P.M.	
		* No.		No.		No.	No.	No.	No.						No.																								
		inches.	°	inches.	°	°	°	°	°	°	°	°	°		°																								
	1	30.666	16	30.564	30	34	10	33	5	12	12	34	29		N.W.	W										33	33	34				1							
	2	30.406	36	30.240	26	38	33	35	30	37	36	37	36		N.E.	N.E.										33	33	34				2							
	3	30.084	36	30.018	35	40	33	40	30	36	35	35	34	+	N.E.	N.E.										33	33	35				3							
	4	29.938	34	29.774	35	36	31	40	26	33	33	35	34	+	N.W.	N.W.										33	33	35				4							
	5	29.578	34	29.286	33	37	31	37	26	34	33	31	31	+	S.W.	S.W.										33	34	35				5							
	6	29.064	34	29.028	34	35	30	35	27	34	32	33	32	+	W	N.W.										33	34	35				6							
	7	29.046	31	29.124	35	32	19	36	15	28	28	20	20	+	N.W.	N										33	34	35				7							
	8	29.116	26	29.082	23	29	16	30	11	25	24	21	21	+	S.W.	N.W.										32	34	35				8							
	9	29.058	19	29.174	27	34	10	39	5	15	15	26	26	+	N.W.	N.W.										32	34	35				9							
	10	29.176	28	29.880	27	32	22	31	18	26	26	24	24	+	N.W.	N.W.										32	34	35				10							
	11	29.218	24	29.360	25	30	20	42	16	22	22	21	21	+	N.W.	N.W.										32	34	35				11							
	12	29.436	28	29.524	24	32	20	41	15	26	26	28	28	+	N.W.	N.W.										32	34	35				12							
	13	29.642	29	29.732	26	34	22	45	16	29	28	22	22	+	N.W.	W										32	34	35				13							
	14	29.514	29	29.750	31	37	22	40	16	30	29	31	31	+	S.W.	N.W.										32	33	34				14							
	15	29.788	22	29.716	35	40	15	48	13	18	18	37	36		S.W.	S.W.										32	33	34				15							
	16	29.622	37	29.594	34	39	32	40	28	38	36	34	31	41	S.W.	S.W.										33	33	34				16							
	17	29.580	32	29.704	32	38	27	40	22	32	30	38	30		S.E.	S.W.										32	33	34				17							
	18	29.776	32	29.800	36	37	26	38	20	32	31	37	37		S.	S.E.										32	33	34				18							
	19	29.774	38	29.830	36	38	35	38	32	36	36	36	36	+	S.E.	S.E.										33	33	34				19							
	20	29.872	36	29.748	36	38	35	37	32	36	35	36	36	+	S.E.	S.E.										33	33	34				20							
	21	29.642	36	29.558	35	37	34	37	30	35	34	34	34		S.	S.W.										33	33	34				21							
	22	29.482	36	29.358	39	40	32	41	29	36	36	39	38	+	S.	S.E.										33	33	34				22							
	23	29.302	40	29.326	42	49	39	52	36	40	40	41	41	187	S.E.	S.E.										33	33	34				23							
	24	29.352	42	29.376	41	42	40	42	36	42	42	41	40	+	S.E.	S.E.										33	33	34				24							
	25	29.408	40	29.448	39	40	37	41	35	39	39	38	37	+	S.E.	S.E.										33	33	34				25							
	26	29.456	40	29.314	38	41	35	48	32	37	35	36	33		S.E.	S.E.										33	33	34				26							
	27	29.148	36	29.102	37	36	35	38	32	36	33	36	35		S.E.	S.E.										33	33	34				27							
	28	29.106	36	29.236	38	38	33	38	30	34	34	37	37	+	S.E.	S.E.										34	34	34				28							
	29																																29						
	30																																30						
	31																																31						
Sums.		827.150	907	826.896	931	1033	774	1122	663	878	858	906	884	18	1.25												911	936	963										
Means.		26.677	29.258	26.674	29.709	33.35	24.38	36.19	26.85	31.54	30.86	32.45	31.74														32.5	33.4	34.4										
+ Total Corrections for Instrumental Errors.		+1.20		+1.20																																			
+ Corrections for Diurnal Range.																																							
"Corrected Means."		27.877	29.658	27.874	29.709	33.35	24.38	36.19	26.85	31.54	30.86	32.45	31.74																										
No. of Column.		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								

NOTATION USED IN GENERAL REMARKS.					
a.	denotes aurora.	m.	denotes meteor.		
ci.	" cirrus.	ms.	" meteors.		
ci.-cu.	" cirro-cumulus.	u.	" nimbus.		
ci.-s.	" cirro-stratus.	r.	" rain.		
cu.	" cumulus.	c. h. r.	" heavy rain.		
cu.-s.	" cumulo-stratus.	c. h. r.	" continued heavy rain.		
d.	" dew.	s.	" stratus.		
f.	" fog.	sc.	" squall.		
fr.	" frost.	s.	" sleet.		
h.-fr.	" hoar-frost.	s.	" snow.		
h.	" haze.	so. h.	" solar halo.		
h. d.	" heavy dew.	sq.	" squall.		
hl.	" hail.	sq.	" squalls.		
l.	" lightning.	t. s.	" thunder.		
li. cl.	" light clouds.	w.	" thunder-storm.		
li. sh.	" light showers.	w.	" wind.		
lu. co.	" lunar corona.	g.	" gale of wind.		
lu. ha.	" lunar halo.				

TABLE FOR ESTIMATING FORCE OF WIND.					
Estimated Force, 0-6.	Common Designation.	Estimated Force, 0-6.	Common Designation.	Estimated Force, 0-6.	Common Designation.
0	Calm	1-5	Light breeze	4	Blowing hard
0-5	Very light air	2-	Fresh breeze	5	Blowing a gale
1-	Light air	3-	Very fresh	6	Violent gale

NOTATION USED IN GENERAL REMARKS.

a.	denotes aurora.	m.	denotes meteor.
ci.	" cirrus.	ms.	" meteors.
ci-cu.	" cirro-cumulus.	n.	" nimbus.
ct-s.	" cirro-stratus.	r.	" rain.
cu.	" cumulus.	h. r.	" heavy rain.
cu-s.	" cumulo-stratus.	c. h. r.	" continued heavy rain.
d.	" dew.	s.	" stratus.
f.	" fog.	sc.	" squall.
fr.	" frost.	s.	" sleet.
h.-fr.	" hoar-frost.	s.	" snow.
h.	" haze.	so. ha.	" solar halo.
h. d.	" heavy dew.	sq.	" squall.
hl.	" hail.	sg.	" squall.
l.	" lightning.	t.	" thunder.
l. cl.	" light clouds.	t. s.	" thunder-storm.
l. sh.	" light showers.	w.	" wind.
lu. co.	" lunar corona.	g.	" gale of wind.
lu. ha.	" lunar halo.		

TABLE FOR ESTIMATING FORCE OF WIND.

Estimated Force, 0-6.	Common Designation.	Estimated Force, 0-6.	Common Designation.	Estimated Force, 0-6.	Common Designation.
0	Calm	1.5	Light breeze	4	Blowing hard
0.5	Very light air	2	Fresh breeze	5	Blowing a gale
1	Light air	3	Very fresh	6	Violent gale

BAROMETER, "corrected Mean" at 9 A.M., minus the Correction $\frac{1}{10}$ = 29.651
for Temp. (Col. 2), = 10
"Corrected Mean" of Barometer at 9 P.M., minus the Correction $\frac{1}{10}$ = 29.639
for Temp. (Col. 4), = 13
Mean at Station, corrected, and at 32° = 29.645
Correction for height, feet above Mean Sea-Level, = 2.2
Mean, reduced to 32°, and Sea-level, = 29.647
Highest Reading, corrected for Index error, on the 1st th, = 30.666
Lowest Do. Do., on the 9th, = 29.058
Difference, or Monthly Range, = 1.608

S.-R. THERMOMETER, (in shade, etc.), Highest in Month, (corrected for Index Errors), on the 23rd, = 49.0
Lowest in Month, corrected for Index errors, on the 9th, = 10.0
Difference, or Monthly Range, = 39.0
"Corrected Mean" of all the Highest, (Col. 5), = 37.4
"Corrected Mean" of all the Lowest, (Col. 6), = 28.1
Difference, or Mean Daily Range, = 9.3
** Calculated Mean Temperature of Month, = 32.2
S.-R. THERMOMETER, Black Bulb in Sun, Highest, (corrected for Index Errors), on the 13th, = 52.0
"Corrected Mean," (Col. 7), of Black Bulb, Max. in Sun, = 39.7
Lowest at Night, Black Bulb (corrected for Index errors), on the 9th, = 5.0
"Corrected Mean," (Col. 8), of Black Bulb, Min. on grass, = 23.7
Difference of above means or range ("exposed"), = 47.7

HYGROMETER, Mean (corrected) A.M. and P.M. Reading of Dry Bulb, (Cols. 9 and 11), = 31.9 32.4
Mean (corrected) A.M. and P.M. Reading of Wet Bulb, (Cols. 10 and 12), = 31.1 31.6
Computed Temperature of Dew-Point, = 29.3 2
Do. Elastic Force of Vapour, = 161
Do. Weight of Vapour in a Cubic Foot of Air, = 90
Relative Humidity (Saturation = 100), = 90
RAIN fell on 18 Days; Amount in Inches, = 1.25

WIND.		SUMMARY.										
Direction.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.	Mean Force.	Mean Velocity in miles per day	
A.M.	-	2		9	3	5	1	8	-			
P.M.	1	2	-	10	-	5	2	8	-			
Mean.	1	2	0	9	1	5	2	8	0			

Observations made and
Return verified by

John Forrest

(Signed)

Have you good cause to state any information you may be able to collect relative to the crops of Gram, Hay, Potatoes, Turnips, Fruits, etc., whether planted, or in partecution, and the Agricultural condition of the district generally. Whether Epidootic disease prevails among cattle; and the Agricultural condition of the district generally.

SCOTTISH METEOROLOGICAL SOCIETY.

Observations taken at Nadder House, County of Aberdeen, in Lat. 57°24', Long. 2°14', Distance from Sea 12 miles.Height of Cistern of the Barometer above Mean Sea-Level 180 feet, above Ground 3 feet.During the MONTH of March 1902.

The Hours of Observation are of Greenwich Time.

ELECTRICITY.	Days of Month.	BAROMETER.				SELF-REGISTERING THERMOMETERS. Read Daily, at 9 P.M.				HYGROMETER.				Rain.		WIND.				CLOUDS.				THERMOMETERS under Ground.			SEA.	OZONE.		GENERAL REMARKS. As to occurrence of Thunder, Lightning, Storms, Hail, Meteors, Remarkable Depression or Elevation of Barometer, Prevalent Diseases, etc. Mention the hour at which Storms, including Thunder and Lightning, began and ended.		Days of Month.	
		9 h. A.M.		9 h. P.M.		Protected in Shade, 4 feet above Ground.		Exposed Black Bulbs.		9 h. A.M.		9 h. P.M.		No. of hours in which it fell.	Amount in inches.	9 h. A.M.		9 h. P.M.		9 A.M.		P.M.		9 h. A.M.				0-10.					
		Barometer. * No.	Attached Thermometer	Barometer. No.	Attached Thermometer	Max. No.	Min. No.	Max. in Sun's rays No.	Min. on Grass. No.	Dry bulb.	Wet bulb.	Dry bulb.	Wet bulb.			Direction.	Force	Direction.	Force	No.	Velocity (0-6) and Direction.	Amount (0-10), and Species.	Velocity (0-6) and Direction.	Amount (0-10), and Species.	No. 3 inches.	No. 12 inches.		No. 22 inches.	9 A.M.				P.M.
		inches.	°	inches.	°	°	°	°	°	°	°	°	°	°																			
1	29.218	38	29.322	37	48	34	52	28	37	37	34	34			S.E.	S.E.							35	35	35				1				
2	29.376	38	29.486	40	50	31	66	27	38	38	38	37	+		S.E.	S.							36	35	35				2				
3	29.472	38	29.428	43	44	30	43	26	38	37	44	43	+		S.	S.							35	36	35				3				
4	29.496	45	29.524	43	51	37	56	33	46	45	40	40	+		S.	S.							38	37	36				4				
5	29.544	44	29.612	42	51	36	57	33	43	41	39	39	+		S.W.	S.W.							38	38	37				5				
6	29.554	46	29.478	46	53	36	62	31	46	45	47	47	+		S.W.	S.W.							39	38	37				6				
7	29.614	44	29.644	41	47	38	52	35	43	42	38	38	+		N.W.	N.E.							40	38	37				7				
8	29.384	44	29.556	45	48	37	57	35	45	44	45	44	+		S.W.	S.W.							41	40	39				8				
9	29.392	42	29.558	47	49	31	41	33	39	36	33	33	+	40	N.	S.							39	40	39				9				
10	29.558	47	29.676	43	51	32	61	30	40	40	42	40	+		N.W.	N.W.							40	40	39				10				
11	29.750	40	29.764	40	43	39	64	24	39	37	36	35			N.W.	S.							38	40	39				11				
12	29.686	42	29.454	42	42	36	60	32	40	39	42	41			S.	S.							39	40	39				12				
13	29.404	39	29.518	39	51	31	70	25	42	40	36	35			S.	S.W.							38	40	39				13				
14	29.406	43	29.258	43	46	33	49	26	39	38	43	41	+		S.	S.W.							37	39	39				14				
15	29.218	43	29.476	42	48	34	69	30	46	42	41	40	+		W.	N.W.							38	39	39				15				
16	29.738	42	29.772	41	49	37	61	34	47	39	39	38		42	N.W.	W.							38	39	39				16				
17	29.847	42	29.632	49	60	40	63	35	49	48	50	47	+		S.W.	S.W.							41	40	39				17				
18	29.358	49	29.348	44	56	41	62	36	48	45	41	38			S.	W.							44	42	41				18				
19	29.264	45	28.442	43	56	30	61	26	45	40	42	40	+		S.W.	W.							38	42	41				19				
20	28.484	43	28.556	37	47	32	70	26	44	39	32	31			W.	N.W.							39	40	41				20				
21	28.552	39	28.602	39	48	35	62	20	41	37	37	36	+		S.W.	N.W.							35	40	41				21				
22	28.654	38	28.808	39	44	32	49	26	39	38	37	37	+		S.W.	S.E.							35	40	41				22				
23	28.956	39	29.136	36	42	33	46	30	38	37	34	33	+	34	N.W.	N.W.							38	40	41				23				
24	29.090	37	29.012	34	40	28	68	22	37	36	31	32	+		S.W.	N.W.							36	39	40				24				
25	29.118	39	29.298	36	44	28	73	23	39	33	33	32	+		N.W.	N.W.							35	39	40				25				
26	29.354	40	29.384	34	46	25	61	19	38	36	30	30			W.	W.							35	38	39				26				
27	29.318	37	29.496	35	45	25	55	19	36	35	33	32	+		S.	S.							35	38	39				27				
28	29.502	43	29.428	40	48	32	64	28	43	39	38	36	+		S.W.	S.W.							36	39	39				28				
29	29.184	40	29.392	38	47	34	45	30	38	37	37	35	+		N.W.	N.							40	39	39				29				
30	29.502	37	29.528	35	43	31	43	31	35	32	32	31			N.W.	N.W.							36	39	39				30				
31	29.250	33	29.144	42	54	31	68	28	44	41	41	38		29	S.	S.W.							38	39	39				31				
Sums.	1415.14		1414.16		1414.16		1414.16		1414.16		1414.16		1414.16											1414.16	1414.16	1414.16							
Means.	10.113		10.113		10.113		10.113		10.113		10.113		10.113											10.113	10.113	10.113							
+ Total Corrections for Instrumental Errors.	+ 120		+ 120		-		-		-		-		-																				
+ Corrections for Diurnal Range.																																	
"Corrected Means."	29.446		29.446		29.446		29.446		29.446		29.446		29.446											29.446	29.446	29.446							
No. of Column.	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			

NOTATION USED IN GENERAL REMARKS.					
a.	denotes aurora.	m.	denotes meteor.		
ci.	" cirrus.	ms.	" meteors.		
ci.-cu.	" cirro-cumulus.	u.	" nimbus.		
ci.-s.	" cirro-stratus.	r.	" rain.		
cu.	" cumulus.	c. h. r.	" heavy rain.		
cu.-s.	" cumulo-stratus.	"	" continued heavy rain.		
d.	" dew.	s.	" stratus.		
f.	" fog.	sc.	" sleet.		
fr.	" frost.	s.	" snow.		
h.-fr.	" hoar-frost.	so. ha.	" solar halo.		
h.	" haze.	sq.	" squall.		
h. d.	" heavy dew.	sgs.	" squalls.		
hl.	" hail.	t.	" thunder.		
l.	" lightning.	t. s.	" thunder-storm.		
li. cl.	" light clouds.	w.	" wind.		
li. sh.	" light showers.	g.	" gale of wind.		
lu. co.	" lunar corona.				
lu. ha.	" lunar halo.				

TABLE FOR ESTIMATING FORCE OF WIND.					
Estimated Force, 0-6.	Common Designation.	Estimated Force, 0-6.	Common Designation.	Estimated Force, 0-6.	Common Designation.
0	Calm	1-5	Light breeze	4	Blowing hard
0.5	Very light air	2-	Fresh breeze	5	Blowing gale
1-	Light air	3-	Very fresh	6	Violent gale

NOTATION USED IN GENERAL REMARKS.

a.	denotes aurora.	m.	denotes meteor.
ci.	cirrus.	ms.	meteors.
ci.-cu.	cirro-cumulus.	u.	nimbus.
cl.-s.	cirro-stratus.	r.	rain.
cu.	cumulus.	h. r.	heavy rain.
cu.-s.	cumulo-stratus.	c. h. r.	continued heavy rain.
d.	dew.	s.	stratus.
f.	fog.	sc.	scud.
fr.	frost.	s.	sleet.
h.-fr.	hoar-frost.	s.	snow.
h.	haze.	so. ha.	solar halo.
h. d.	heavy dew.	sq.	squall.
hl.	hail.	sq.s.	squalls.
l.	lightning.	t.	thunder.
li. cl.	light clouds.	t. s.	thunder-storm.
li. sh.	light showers.	w.	wind.
lu. co.	lunar corona.	g.	gale of wind.
lu. ha.	lunar halo.		

TABLE FOR ESTIMATING FORCE OF WIND.

Estimated Force, 0-6.	Common Designation.	Estimated Force, 0-6.	Common Designation.	Estimated Force, 0-6.	Common Designation.
0	Calm	1.5	Light breeze	4	Blowing hard
0.5	Very light air	2	Fresh breeze	5	Blowing a gale
1	Light air	3	Very fresh	6	Violent gale

BAROMETER, "corrected Mean" at 9 A.M., minus the Correction $\frac{1}{2}$ for Temp. (Col. 2), = 29.413
"Corrected Mean" of Barometer at 9 P.M., minus the Correction $\frac{1}{2}$ for Temp. (Col. 4), = 29.404
Mean at Station, corrected, and at 32°, = 29.423
Correction for height, feet above Mean Sea-level, = 201
Mean, reduced to 32°, and Sea-level, = 29.624
Highest Reading, corrected for Index error, on the 16 th, = 29.772
Lowest Do. Do., on the 19 th, = 28.442
Difference, or Monthly Range, = 1.330

S.-R. THERMOMETER, (in shade, etc.), Highest in Month, (corrected for Index Errors), on the 17 th, = 60.0
Lowest in Month, corrected for Index errors, on the 16 th, = 35.0
Difference, or Monthly Range, = 35.0
"Corrected Mean" of all the Highest, (Col. 5), = 48.4
"Corrected Mean" of all the Lowest, (Col. 6), = 33.2
Difference, or Mean Daily Range, = 15.2
** Calculated Mean Temperature of Month, = 40.8
S.-R. THERMOMETER, Black Bulb in Sun, Highest, (corrected for Index Errors), on the 15 th, = 73.0
"Corrected Mean," (Col. 7), of Black Bulb, Max. in Sun, = 58.4
Lowest at Night, Black Bulb (corrected for Index errors), on the 26 th, = 19.0
"Corrected Mean," (Col. 8), of Black Bulb, Min. on grass, = 28.3
Difference of above means or range ("exposed"), =

HYGROMETER, Mean (corrected) A.M. and P.M. Reading of Dry Bulb, (Cols. 9 and 11), = 39.7
Mean (corrected) A.M. and P.M. Reading of Wet Bulb, (Cols. 10 and 12), = 38.2
Computed Temperature of Dew-Point, = 36.3
Do. Elastic Force of Vapour, = .214
Do. Weight of Vapour in a Cubic Foot of Air, =
Relative Humidity (Saturation = 100), = 88
RAIN fell on 21 Days; Amount in Inches, = 1.45

WIND.		SUMMARY.					
Direction.		N	NE	E	SE	S	SW
A.M.		1	-	-	2	8	9
P.M.		1	1	-	2	7	8
Mean.		1	1	0	2	8	8

Observations made and
Return verified by

J. M. Forster

(Signed)

SCOTTISH METEOROLOGICAL SOCIETY.

Observations taken at Haddo House, County of Aberdeen, in Lat. 57° 24', Long. 2° 14', Distance from Sea 12 miles.Height of Cistern of the Barometer above Mean Sea-Level 180 feet, above Ground 3 feet.During the MONTH of April 1902.

The Hours of Observation are of Greenwich Time.

ELECTRICITY.	Days of Month.	BAROMETER.				SELF-REGISTERING THERMOMETERS. Read Daily, at 9 P.M.				HYGROMETER.				Rain.	WIND.				CLOUDS.				SUNSHINE.	THERMOMETERS under Ground.			SEA.	OZONE.	GENERAL REMARKS. As to occurrence of Thunder, Lightning, Storms, Hail, Meteors, Remarkable Depression or Elevation of Barometer, Prevalent Diseases, etc. Mention the hour at which Storms, including Thunder and Lightning, began and ended.	Days of Month.	
		9 h. A.M.		9 h. P.M.		Protected in Shade, 4 feet above Ground.		Exposed Black Bulbs.		9 h. A.M.		9 h. P.M.			9 A.M.		P.M.		9 h. A.M.												
		Barometer.	Attached Thermometer.	Barometer.	Attached Thermometer.	Max.	Min.	Max. in Sun's rays	Min. on Grass.	Dry bulb.	Wet bulb.	Dry bulb.	Wet bulb.	Direction.	Force.	Direction.	Force.	Velocity (0-10), and Species.	Amount (0-10), and Species.	No.	3 inches.	No.	12 inches.	No.	22 inches.						
		* No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.				
		inches.	°	inches.	°	°	°	°	°	°	°	°																			
	1	28.958	47	29.018	39	49	35	64	28	48	46	37	35		S.W.	N.W.											1				
	2	29.296	45	29.284	42	51	35	71	30	43	38	40	36		N.W.	N.W.											2				
	3	29.202	49	29.172	36	44	31	52	26	37	36	31	30	+	N.W.	N.W.											3				
	4	29.208	46	29.428	37	45	27	51	20	34	33	33	32	+	N.	N.W.											4				
	5	29.550	41	29.722	38	46	32	62	25	41	40	36	35		N.W.	N.W.											5				
	6	29.868	40	29.986	36	43	32	49	24	40	37	32	31	128	N.	N.W.											6				
	7	30.016	44	29.966	38	49	25	70	19	43	39	34	33		N.	N.E.											7				
	8	29.928	46	29.936	38	51	30	70	24	46	40	34	33	+	N.W.	N.W.											8				
	9	29.926	46	29.932	41	50	28	64	22	47	42	40	39	+	N.W.	S.W.											9				
	10	29.924	42	29.950	37	48	28	66	23	43	41	32	31	+	N.	N.W.											10				
	11	29.820	39	29.764	40	44	28	55	22	37	35	39	38	+	N.W.	E.											11				
	12	29.651	37	29.442	40	41	30	42	30	36	36	39	39	+	S.E.	S.E.											12				
	13	29.472	40	29.438	41	46	37	55	39	39	39	41	39	+	99	S.W.	S.E.										13				
	14	29.584	43	29.601	42	51	34	60	28	44	41	41	40		S.W.	S.E.											14				
	15	29.701	43	29.462	42	46	36	47	33	43	41	41	41	+	S.	S.E.											15				
	16	29.486	49	29.598	43	55	38	80	33	49	46	41	40		N.	S.W.											16				
	17	29.586	43	29.586	42	47	35	50	30	41	40	40	39	+	S.W.	S.W.											17				
	18	29.647	50	29.656	44	59	32	77	25	52	46	42	40		S.W.	S.W.											18				
	19	29.602	43	29.502	44	45	37	50	34	41	41	43	42	+	S.E.	S.E.											19				
	20	29.666	52	29.472	47	58	40	73	37	54	49	45	44	90	S.E.	S.W.											20				
	21	29.468	53	29.468	50	57	41	73	37	54	50	48	45		S.W.	S.											21				
	22	29.244	47	29.104	46	48	44	47	41	46	45	45	45	+	S.E.	S.E.											22				
	23	29.344	54	29.496	46	55	40	70	36	53	49	43	44		S.	S.											23				
	24	29.652	52	29.772	48	58	38	72	32	51	47	45	44		S.	S.W.											24				
	25	29.828	55	29.856	47	60	34	81	28	55	49	42	41		S.	S.W.											25				
	26	29.898	51	29.924	45	52	39	70	32	48	45	40	39	91	S.E.	S.E.											26				
	27	29.992	44	30.030	45	45	31	46	25	42	40	42	41		E.	N.E.											27				
	28	30.072	47	30.042	42	49	39	54	32	46	42	39	38		N.E.	N.											28				
	29	30.024	45	29.718	45	54	33	73	28	44	41	47	44		N.E.	N.W.											29				
	30	29.536	50	29.336	44	53	40	64	35	50	45	41	39	+	14	N.	N.W.										30				
	31													2													31				
Sums.		16143		16113		151	13	8	12	12	10	12		320							18	12	6								
Means.		29.804	1303	29.840	1265	1524	1034	1888	870	1347	1259	1194	1155								1260	1280	1261								
+ Total Corrections for Instru- mental Errors.		29.631	43.4	29.624	42.2	50.1	35.5	61.9	29.3	44.9	42.0	39.8	38.5	13	320						42.0	42.7	42.1								
+ Correc- tions for Diurnal Range.																															
"Cor- rected Means."		29.751		29.741																											
No. of Column.		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

BAROMETER, "corrected Mean" at 9 A.M., minus the Correction $\frac{1}{100}$ for Temp. (Col. 2), = 29.711
"Corrected Mean" of Barometer at 9 P.M., minus the Correction $\frac{1}{100}$ for Temp. (Col. 4), = 29.705
Mean at Station, corrected, and at 32°, = 29.708
Correction for height, feet above Mean Sea-level, = 1200
Mean, reduced to 32°, and Sea-level, = 29.908
Highest Reading, corrected for Index error, on the 7th, = 30.072
Lowest Do. Do. on the 1st, = 28.956
Difference, or Monthly Range, = 1.116

S.-R. THERMOMETER, (in shade, etc.), Highest in Month, (corrected for Index Errors), on the 25th, = 60.0
Lowest in Month, corrected for Index errors, on the 7th, = 25.0
Difference, or Monthly Range, = 35.0
"Corrected Mean" of all the Highest, (Col. 5), = 50.6
"Corrected Mean" of all the Lowest, (Col. 6), = 35.8
Difference, or Mean Daily Range, = 15.6
** Calculated Mean Temperature of Month, = 42.8
S.-R. THERMOMETER, Black Bulb in Sun, Highest, (corrected for Index Errors), on the 25th, = 81.0
"Corrected Mean," (Col. 7), of Black Bulb, Max. in Sun, = 61.9
Lowest at Night, Black Bulb (corrected for Index errors), on the 7th, = 19.0
"Corrected Mean," (Col. 8), of Black Bulb, Min. on grass, = 29.3
Difference of above means or range ("exposed"), =

HYGROMETER, Mean (corrected) A.M. and P.M. Reading of Dry Bulb, (Cols. 9 and 11), = 42.3
Mean (corrected) A.M. and P.M. Reading of Wet Bulb, (Cols. 10 and 12), = 40.2
Computed Temperature of Dew-Point, = 37.7
Do. Elastic Force of Vapour, = .226
Do. Weight of Vapour in a Cubic Foot of Air, =
Relative Humidity (Saturation = 100), = 84
RAIN fell on 6 Days; Amount in Inches, = 3.20

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

Observations made and
Return verified by

John Forrest

(Signed)

SCOTTISH METEOROLOGICAL SOCIETY.

Observations taken at Gullo House, County of Aberdeen, in Lat. 57° 24', Long. 2° 14', Distance from Sea 12 miles.Height of Cistern of the Barometer above Mean Sea-Level 180 feet, above Ground 3 feet.During the MONTH of May 1902.

The Hours of Observation are of Greenwich Time.

ELECTRICITY.	Days of Month.	BAROMETER.				SELF-REGISTERING THERMOMETERS, Read Daily, at 9 P.M.				HYGROMETER.				Rain.	WIND.				CLOUDS.				THERMOMETERS under Ground.				SEA.	OZONE.	GENERAL REMARKS. As to occurrence of Thunder, Lightning, Storms, Hail, Meteors, Remarkable Depression or Elevation of Barometer, Prevalent Diseases, etc. Mention the hour at which Storms, including Thunder and Lightning, began and ended.	Days of Month.	
		9 h. A.M.		9 h. P.M.		Protected in Shade, 4 feet above Ground.		Exposed Black Bulbs.		9 h. A.M.		9 h. P.M.			9 h. A.M.		9 h. P.M.		9 A.M.		P.M.		9 h. A.M.								
		Barometer.	Attached Thermometer.	Barometer.	Attached Thermometer.	Max.	Min.	Max. in Sun's rays.	Min. on Grass.	Dry bulb.	Wet bulb.	Dry bulb.	Wet bulb.		No. of hours in which it fell.	Direction.	Force.	Direction.	Force.	Velocity (0-6) and Direction.	Amount (0-10), and Species.	Velocity (0-6) and Direction.	Amount (0-10), and Species.	No. 8 inches.	No. 12 inches.	No. 22 inches.					
		* No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.		No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.					No.
		inches.	°	inches.	°	°	°	°	°	°	°	°	°		°	°	°	°	°	°	°	°	°	°	°	°					°
	1	29.332	45	29.442	40	48	34	60	26	43	40	44	43	+	N.W.		N.W.							44	47	46				1	
	2	29.248	42	29.154	44	48	38	60	23	40	39	42	41	+	S		S.W.							43	46	46				2	
	3	29.176	45	29.398	42	48	39	60	35	45	42	40	39	+	N		N							47	46	46				3	
	4	29.566	42	29.652	41	47	36	68	32	41	37	37	36	+	N.W.		N.W.							43	46	46				4	
	5	29.738	45	29.824	39	48	32	70	27	43	38	35	34	+	N		N							43	46	46				5	
	6	29.892	41	29.922	40	45	33	53	28	41	38	39	38	+	N.W.		N							43	45	45				6	
	7	29.944	45	30.024	43	49	38	61	31	45	44	41	40	+	N		N							44	44	45				7	
	8	30.058	45	30.068	42	49	37	62	30	45	41	39	37	+	N.W.		N							45	45	45				8	
	9	29.972	47	29.970	41	48	36	70	28	46	44	36	35	+	N.E.		N							46	46	45				9	
	10	29.934	44	29.794	42	49	34	58	26	43	39	40	38	+	N.W.		S.E.							45	46	45				10	
	11	29.696	44	29.648	43	50	37	70	32	44	42	41	40	+	N		N							46	46	45				11	
	12	29.654	45	29.666	39	46	36	53	31	43	40	36	34	+	N		N							46	46	46				12	
	13	29.616	43	29.604	37	45	33	58	28	42	38	34	33	+	N		N							42	46	46				13	
	14	29.578	44	29.598	40	49	33	67	27	44	39	36	35	+	N		N							43	45	46				14	
	15	29.412	43	29.358	41	45	29	67	27	43	39	38	38	+	S.E.		S.E.							45	45	46				15	
	16	29.332	43	29.124	42	50	31	81	26	41	39	39	39	+	N		S.E.							45	45	46				16	
	17	28.934	43	28.992	41	42	38	41	32	41	41	39	38	+	S.E.		N.E.							45	46	46				17	
	18	29.212	43	29.434	43	49	37	57	33	44	43	43	41	+	N		N.W.							44	46	46				18	
	19	29.564	46	29.624	41	47	38	57	34	46	44	38	37	+	N		N							46	46	46				19	
	20	29.632	45	29.548	43	49	36	54	33	45	42	40	39	+	N		N							46	46	46				20	
	21	29.968	45	29.968	44	52	38	67	33	44	40	42	40	+	N		S							46	46	46				21	
	22	29.812	48	29.796	49	58	41	65	38	50	47	42	47	+	S.		S.E.							48	47	46				22	
	23	29.836	61	29.968	57	74	47	92	43	65	60	57	53	+	S.W.		S.E.							54	49	47				23	
	24	29.984	62	29.936	56	70	50	84	42	65	56	53	49	+	S.W.		N.W.							57	52	49				24	
	25	29.934	59	29.842	53	60	41	76	33	55	47	50	46	54	N		N							54	53	49				25	
	26	29.856	57	29.632	56	60	48	69	46	55	49	55	51		N.W.		S.E.							54	53	50				26	
	27	29.446	56	29.122	59	61	51	70	46	57	52	55	52		S.W.		S.E.							55	53	51				27	
	28	28.954	60	29.094	49	61	43	70	35	52	49	50	49	+	S.W.		S.W.							55	53	51				28	
	29	29.322	55	29.622	47	54	43	73	33	53	45	42	41	+	N.W.		S.E.							52	53	51				29	
	30	29.704	52	29.744	47	51	39	61	32	49	46	44	42		S.E.		S.E.							53	53	51				30	
	31	29.776	47	29.876	43	48	41	48	38	44	43	43	43	1.04	S.E.		N							44	53	51				31	
Sums.		205.14	13	181.14	14	16	15	11	13	11	15	13	14											14	15	13					
		918.132	142	978.824	138	1598	174	2002	1026	1704	1343	1315	1258	3.35										1468	1479	1456					
Means.		19				51.6	38.3			214	103	77	2											22	23	21					
		29.617	47.8	29.637	44.7	52.6	37.6	64.6	32.3	46.9	43.3	42.5	40.9	24.3										47.4	47.7	47.0					
+ Total Corrections for Instrumental Errors.		+120		+120																											
+ Corrections for Diurnal Range.																															
"Corrected Means."		29.737		29.757																											
No. of Column.		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

NOTATION USED IN GENERAL REMARKS.

a.	denotes aurora.	m.	denotes meteor.
ci.	" cirrus.	ms.	" mictor.
ci-cu.	" cirro-cumulus.	n.	" nimbus.
ci-s.	" cirro-stratus.	r.	" rain.
cu.	" cumulus.	h. r.	" heavy rain.
cu-s.	" cumulo-stratus.	c. h. r.	" continued heavy rain.
d.	" dew.	s.	" stratus.
f.	" fog.	sc.	" scud.
fr.	" frost.	sleet.	" sleet.
h-fr.	" hoar-frost.	s.	" snow.
h.	" haze.	so. ha.	" solar halo.
h. d.	" heavy dew.	sq.	" squall.
li.	" hail.	sqa.	" squall.
l.	" lightning.	t.	" thunder.
li. cl.	" light clouds.	t. s.	" thunder-storm.
li. sh.	" light showers.	w.	" wind.
lu. co.	" lunar corona.	g.	" gale of wind.
lu. ha.	" lunar halo.		

TABLE FOR ESTIMATING FORCE OF WIND.

Estimated Force, 0-6.	Common Designation.	Estimated Force, 0-6.	Common Designation.	Estimated Force, 0-6.	Common Designation.
0	Calm	1.5	Light breeze	4	Blowing hard
0.5	Very light air	2	Fresh breeze	5	Blowing a gale
1	Light air	3	Very fresh	6	Violent gale

BAROMETER, "corrected Mean" at 9 A.M., minus the Correction $\frac{1}{10}$ for Temp. (Col. 2) = 29.685
"Corrected Mean" of Barometer at 9 P.M., minus the Correction $\frac{1}{10}$ for Temp. (Col. 4) = 29.714
Mean at Station, corrected, and at 32° = 29.700
Correction for height, feet above Mean Sea-level = +0.199
Mean, reduced to 32°, and Sea-level, = 29.501
Highest Reading, corrected for Index error, on the 7th = 30.066
Lowest Do. Do., on the 17th = 28.934
Difference, or Monthly Range, = 1.132

S.-R. THERMOMETER, (in shade, etc.), Highest in Month, (corrected for Index Errors), on the 23th = 74.0
Lowest in Month, corrected for Index errors, on the 15th = 29.0
Difference, or Monthly Range, = 45.0
"Corrected Mean" of all the Highest, (Col. 5), = 51.6
"Corrected Mean" of all the Lowest, (Col. 6), = 38.3
Difference, or Mean Daily Range, = 13.3
** Calculated Mean Temperature of Month, = 45.0
S.-R. THERMOMETER, Black Bulb in Sun, Highest, (corrected for Index Errors), on the 23th = 92.0
"Corrected Mean," (Col. 7), of Black Bulb, Max. in Sun, = 64.6
Lowest at Night, Black Bulb (corrected for Index errors), on the 2th = 23.0
"Corrected Mean," (Col. 8), of Black Bulb, Min. on grass, = 32.3
Difference of above means or range ("exposed"), =

HYGROMETER, Mean (corrected) A.M. and P.M. Reading of Dry Bulb, (Cols. 9 and 11), = 44.7
Mean (corrected) A.M. and P.M. Reading of Wet Bulb, (Cols. 10 and 12), = 42.1
Computed Temperature of Dew-Point, = 39.0
Do. Elastic Force of Vapour, = 2.38
Do. Weight of Vapour in a Cubic Foot of Air, =
Relative Humidity (Saturation = 100), = 81
RAIN fell on 14 Days; Amount in Inches, = 3.35

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

Observations made and
Return verified byJohn Torneer

(Signed)

SCOTTISH METEOROLOGICAL SOCIETY.

Observations taken at Naldo House, County of Aberdeen, in Lat. 57° 24', Long. 2° 14', Distance from Sea 12 miles.Height of Cistern of the Barometer above Mean Sea-Level 180 feet, above Ground 3 feet.During the MONTH of June 1902.

The Hours of Observation are of Greenwich Time.

ELECTRICITY.	Days of Month.	BAROMETER.				SELF-REGISTERING THERMOMETERS. Read Daily, at 9 P.M.				HYGROMETER.				Rain.	WIND.				CLOUDS.				SUNSHINE. Hours.	THERMOMETERS under Ground.			SEA. Temperature at 1 fathom, and Density.	OZONE. 0-10.	GENERAL REMARKS. As to occurrence of Thunder, Lightning, Storms, Hail, Meteors, Remarkable Depression or Elevation of Barometer, Prevalent Diseases, etc. <i>Mention the hour at which Storms, including Thunder and Lightning, began and ended.</i>	Days of Month.				
		9 h. A.M.		9 h. P.M.		Protected in Shade, 4 feet above Ground.		Exposed Black Bulbs.		9 h. A.M.		9 h. P.M.			9 h. A.M.		9 h. P.M.		9 A.M.		P.M.			9 h. A.M.										
		Barometer.	Attached Thermometer.	Barometer.	Attached Thermometer.	Max. No.	Min. No.	Max. in Sun-rays No.	Min. on Grass. No.	Dry bulb.	Wet bulb.	Dry bulb.	Wet bulb.		No. of hours in which it fell.	Amount in inches. No.	Direction.	Force.	Direction.	Force.	Velocity (0-5) and Direction.	Amount (0-10), and Species.		Velocity (0-5) and Direction.	Amount (0-10), and Species.	No. 3 inches.					No. 12 inches.	No. 22 inches.		
		* No.		No.		No.	No.	No.	No.																									
		inches.	°	inches.	°	°	°	°	°	°	°	°	°		°	°	°	°	°	°	°	°		°	°	°					°	°	°	°
	1	29.882	45	29.892	46	49	40	64	39	44	42	44	43			N.E.	N.E.							48	52	51				1				
	2	29.834	47	29.886	49	52	43	58	42	43	43	48	48	+		S.E.	S.E.							50	52	51				2				
	3	29.926	49	29.818	50	53	40	56	35	44	49	49	49	+		N.	S.							51	52	51				3				
	4	29.778	47	29.674	52	61	45	76	44	59	56	49	49	+		S.E.	S.E.							54	52	51				4				
	5	29.598	57	29.520	54	64	49	76	47	60	58	53	52	+		N.E.	N.W.							57	53	51				5				
	6	29.412	58	29.268	50	61	45	76	44	58	54	45	44	+		N.W.	N.E.							57	54	52				6				
	7	29.276	51	29.264	49	52	42	55	41	49	45	47	46			N.W.	N.E.							53	54	52				7				
	8	29.466	47	29.534	46	50	41	57	39	46	43	42	41	+	1/4	N.W.	N.W.							52	53	52				8				
	9	29.508	47	29.548	46	51	38	70	33	46	44	44	41	+		N.W.	N.W.							51	53	52				9				
	10	29.562	47	29.532	46	52	40	60	34	46	44	42	41	+		N.W.	N.							51	53	52				10				
	11	29.472	47	29.428	48	53	34	64	29	47	45	45	44			S.E.	S.E.							51	53	52				11				
	12	29.336	48	29.336	49	55	45	60	46	47	47	48	48	+		S.E.	S.E.							53	53	52				12				
	13	29.346	51	29.356	49	56	45	70	45	50	48	47	46	+		S.E.	N.E.							53	53	52				13				
	14	29.276	48	29.344	48	51	45	48	43	47	46	47	47	+		N.	N.E.							52	53	52				14				
	15	29.472	49	29.522	49	51	45	48	43	49	48	47	46	+		S.E.	N.							51	52	52				15				
	16	29.600	47	29.674	46	47	43	44	41	46	45	44	42	+	1/4	N.E.	N.E.							51	52	52				16				
	17	29.742	47	29.846	47	52	43	39	46	44	44	44	42			N.E.	N.E.							50	51	52				17				
	18	29.886	55	29.756	47	59	43	35	55	50	43	42				S.E.	S.							51	51	52				18				
	19	29.666	49	29.616	50	57	39	31	48	47	48	48				S.	S.E.							52	52	52				19				
	20	29.624	53	29.624	50	57	46	38	52	49	47	46				S.E.	S.E.							53	53	52				20				
	21	29.630	53	29.698	51	59	44	39	52	49	48	47				S.E.	S.E.							55	54	52				21				
	22	29.714	54	29.708	54	60	43	43	52	51	51	51	+	1/3	S.E.	S.E.								57	56	53				22				
	23	29.786	63	29.852	59	71	47	42	67	61	57	55	+			N.W.	S.							60	56	53				23				
	24	29.984	65	29.984	62	69	50	45	65	61	59	56				S.E.	S.							62	58	55				24				
	25	30.012	63	29.992	56	70	50	47	62	51	50	49				S.	S.E.							62	59	55				25				
	26	30.012	59	30.014	48	61	48	45	56	54	49	48				S.	S.E.							60	59	57				26				
	27	30.012	65	29.968	56	72	43	38	68	60	51	50				S.	N.							62	60	57				27				
	28	30.046	56	30.032	53	72	43	37	54	52	49	49				N.	S.							60	61	58				28				
	29	29.976	53	29.826	53	66	47	46	50	49	50	49				S.E.	S.E.							58	60	58				29				
	30	29.716	66	29.648	54	70	48	47	68	63	50	49	+	1/2	S.E.	N.W.								63	59	57				30				
	31																														31			
Sums.		1614 13		18 14 15		9	12			16	13	15	15												8	10	9							
Means.		29.055	50	29.058	49	51	47	134	158	149	143	140													1640	1633	1590							
+ Total Corrections for Instrumental Errors.		+ 180		+ 180																														
+ Corrections for Diurnal Range.																																		
"Corrected Means."		29.805		29.792																														
No. of Column.		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			

NOTATION USED IN GENERAL REMARKS.

a.	denotes aurora.	nl.	denotes meteor.
ci.	" cirrus.	ms.	" meteors.
ci.-cu.	" cirro-cumulus.	n.	" nimbus.
cl.-s.	" cirro-stratus.	r.	" rain.
cu.	" cumulus.	h. r.	" heavy rain.
cu.-s.	" cumulo-stratus.	c. h. r.	" continued heavy rain.
d.	" dew.	s.	" stratus.
f.	" fog.	sc.	" squall.
fr.	" frost.	s.	" sleet.
h.-fr.	" hoar-frost.	s.	" snow.
h.	" haze.	so. ha.	" solar halo.
h. d.	" heavy dew.	sq.	" squall.
hl.	" hail.	sq.	" squall.
l.	" lightning.	t.	" thunder.
li. cl.	" light clouds.	t. s.	" thunder-storm.
li. sh.	" light showers.	w.	" wind.
lu. co.	" lunar corona.	g.	" gale of wind.
lu. ha.	" lunar halo.		

TABLE FOR ESTIMATING FORCE OF WIND.

Estimated Force, 0-6.	Common Designation.	Estimated Force, 0-6.	Common Designation.	Estimated Force, 0-6.	Common Designation.
0	Calm	1-5	Light breeze	4	Blowing hard
0.5	Very light air	2	Fresh breeze	5	Blowing a gale
1	Light air	3	Very fresh	6	Violent gale

BAROMETER, "corrected Mean" at 9 A.M., minus the Correction $\frac{1}{10}$ for Temp. (Col. 2), = 29.740
"Corrected Mean" of Barometer at 9 P.M., minus the Correction $\frac{1}{10}$ for Temp. (Col. 4), = 29.734
Mean at Station, corrected, and at 32°, = 29.751
Correction for height, feet above Mean Sea-level, = 1.97
Mean, reduced to 32°, and Sea-level, = 29.954
Highest Reading, corrected for Index error, on the 7th, = 30.014
Lowest Do. Do., on the 7th, = 29.264
Difference, or Monthly Range, = 0.750

S.-R. THERMOMETER, (in shade, etc.), Highest in Month, (corrected for Index Errors), on the 27th, = 72.0
Lowest in Month, corrected for Index errors, on the 11th, = 34.0
Difference, or Monthly Range, = 38.0
"Corrected Mean" of all the Highest, (Col. 5), = 58.2
"Corrected Mean" of all the Lowest, (Col. 6), = 43.8
Difference, or Mean Daily Range, = 14.4
** Calculated Mean Temperature of Month, = 51.1
S.-R. THERMOMETER, Black Bulb in Sun, Highest, (corrected for Index Errors), on the 11th, = 29.0
"Corrected Mean," (Col. 7), of Black Bulb, Max. in Sun, = 37.9
Lowest at Night, Black Bulb (corrected for Index errors), on the 11th, = 37.9
"Corrected Mean," (Col. 8), of Black Bulb, Min. on grass, = 37.9
Difference of above means or range ("exposed"), = 37.9

HYGROMETER, Mean (corrected) A.M. and P.M. Reading of Dry Bulb, (Cols. 9 and 11), = 50.3
Mean (corrected) A.M. and P.M. Reading of Wet Bulb, (Cols. 10 and 12), = 48.2
Computed Temperature of Dew-Point, = 46.0
Do. Elastic Force of Vapour, = 3.11
Do. Weight of Vapour in a Cubic Foot of Air, = 85
Relative Humidity (Saturation = 100), = 85
RAIN fell on 16 Days; Amount in Inches, = 1.21

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

Observations made and
Return verified byJohn Forrest

(Signed)

SCOTTISH METEOROLOGICAL SOCIETY.

Observations taken at Huddo House, County of Aberdeen, in Lat. 57° 24', Long. 2° 14', Distance from Sea 12 miles.Height of Cistern of the Barometer above Mean Sea-Level 180 feet, above Ground 2 feet.During the MONTH of July 1902.

The Hours of Observation are of Greenwich Time.

ELECTRICITY.	Days of Month.	BAROMETER.				SELF-REGISTERING THERMOMETERS. Read Daily, at 9 P.M.				HYGROMETER.				Rain.	WIND.				CLOUDS.				SUNSHINE.	THERMOMETERS under Ground.			SEA.	OZONE.	GENERAL REMARKS.		Days of Month.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
		9 h. A.M.		9 h. P.M.		Protected in Shade, 4 feet above Ground.		Exposed Black Bulbs.		9 h. A.M.		9 h. P.M.			9 h. A.M.		9 h. P.M.		9 A.M.		P.M.			9 h. A.M.					0-10.			As to occurrence of Thunder, Lightning, Storms, Hail, Meteors, Remarkable Depression or Elevation of Barometer, Prevalent Diseases, etc. Mention the hour at which Storms, including Thunder and Lightning, began and ended.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		Barometer. * No.	Attached Thermometer.	Barometer. No.	Attached Thermometer.	Max. No.	Min. No.	Max. in Sun's rays No.	Min. on Grass. No.	Dry bulb.	Wet bulb.	Dry bulb.	Wet bulb.		No. of Waves in 10 fathoms. No.	Amount in inches. No.	Direction.	Force.	Direction.	Force.	Readings of the H. Cup Anemometer. No.	9 h. A.M.		Velocity (0-10), and Species.	Amount (0-10), and Species.	Velocity (0-10), and Direction.			Amount (0-10), and Species.	No.			No. 12 inches.	No. 22 inches.	Temperature of Well at depth of feet, No.	Temperature at surface, and Dewy, No.	9 A.M.	9 P.M.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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BAROMETER, "corrected Mean" at 9 A.M., minus the Correction for Temp. (Col. 2), = 57.2
"Corrected Mean" of Barometer at 9 P.M., minus the Correction for Temp. (Col. 4), = 58.6
Mean at Station, corrected, and at 32°, = 57.779
Correction for height, feet above Mean Sea-level, = 186.196
Mean, reduced to 32°, and Sea-level, = 29.775.975
Highest Reading, corrected for Index error, on the 5th, = 29.992
Lowest Do. Do., on the 29th, = 29.032
Difference, or Monthly Range, = 0.960

S.R. THERMOMETER, (in shade, etc.), Highest in Month, (corrected for Index Errors), on the 15th, = 74.0
Lowest in Month, corrected for Index errors, on the 26th, = 36.0
Difference, or Monthly Range, = 38.0
"Corrected Mean" of all the Highest, (Col. 5), = 60.1
"Corrected Mean" of all the Lowest, (Col. 6), = 45.6
Difference, or Mean Daily Range, = 14.5
** Calculated Mean Temperature of Month, = 52.9
S.R. THERMOMETER, Black Bulb in Sun, Highest, (corrected for Index Errors), on the th, =
"Corrected Mean," (Col. 7), of Black Bulb, Max. in Sun, =
Lowest at Night, Black Bulb (corrected for Index errors), on the 25th, = 30.0
"Corrected Mean," (Col. 8), of Black Bulb, Min. on grass, = 42.3
Difference of above means or range ("exposed"), =

HYGROMETER, Mean (corrected) A.M. and P.M. Reading of Dry Bulb, (Cols. 9 and 11), = 52.6
Mean (corrected) A.M. and P.M. Reading of Wet Bulb, (Cols. 10 and 12), = 50.2
Computed Temperature of Dew-Point, = 47.8
Do. Elastic Force of Vapour, = 332
Do. Weight of Vapour in a Cubic Foot of Air, = 8
Relative Humidity (Saturation = 100), = 83
RAIN fell on 24 Days; Amount in Inches, = 3.87

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

Observations made and
Return verified by

John Forrest

(Signed)

SCOTTISH METEOROLOGICAL SOCIETY.

Observations taken at Nadde House, County of Aberdeen, in Lat. 57°24', Long. 2°14', Distance from Sea 12 miles.Height of Cistern of the Barometer above Mean Sea-Level 194 feet, above Ground 3 feet.During the MONTH of August 1902.

The Hours of Observation are of Greenwich Time.

ELECTRICITY.	Days of Month.	BAROMETER.				SELF-REGISTERING THERMOMETERS. Read Daily, at 9 P.M.				HYGROMETER.				Rain.	WIND.				CLOUDS.				THERMOMETERS under Ground.	SEA.	OZONE.	GENERAL REMARKS. As to occurrence of Thunder, Lightning, Storms, Hail, Meteors, Remarkable Depression or Elevation of Barometer, Prevalent Diseases, etc. <i>Mention the hour at which Storms, including Thunder and Lightning, began and ended.</i>	Days of Month.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		9 h. A.M.		9 h. P.M.		Protected in Shade, 4 feet above Ground.		Exposed Black Bulbs.		9 h. A.M.		9 h. P.M.			No. of hours in which it fell.	Amount in inches.	9 h. A.M.		9 h. P.M.		9 A.M.							P.M.		No. 3 inches.	No. 12 inches.	No. 22 inches.	Temperature of Well, deep of feet, No.	Temperature at bottom and Density.	0-10.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
		Barometer. * No.	Attached Thermometer.	Barometer. No.	Attached Thermometer.	Max. No.	Min. No.	Max. in Sun's rays No.	Min. on Grass. No.	Dry bulb.	Wet bulb.	Dry bulb.	Wet bulb.	Direction.			Force	Direction.	Force	Readings of the H. Cup Anemometer. No.	9 h. A.M.	Velocity (0-6) and Direction.	Amount (0-10), and Species.	Velocity (0-6) and Direction.	Amount (0-10), and Species.			Hours.	0-10.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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NOTATION USED IN GENERAL REMARKS.

a.	denotes aurora.	m.	denotes meteor.
ci.	cirrus.	ms.	meteors.
ci-cu.	cirro-cumulus.	n.	nimbus.
ci-s.	cirro-stratus.	r.	rain.
cu.	cumulus.	h. r.	heavy rain.
cu-s.	cumulo-stratus.	c. h. r.	continued heavy rain.
d.	dew.	s.	stratus.
f.	fog.	sc.	scud.
fr.	frost.	s.	sleet.
h. fr.	hoar-frost.	s.	snow.
h.	haze.	so. ha.	solar halo.
h. d.	heavy dew.	sq.	squall.
hl.	hail.	sq.	squalls.
l.	lightning.	t.	thunder.
li. cl.	light clouds.	t. s.	thunder-storm.
li. sh.	light showers.	w.	wind.
lu. co.	lunar corona.	g.	gale of wind.
lu. ha.	lunar halo.		

TABLE FOR ESTIMATING FORCE OF WIND.

Estimated Force, 0-6.	Common Designation.	Estimated Force, 0-6.	Common Designation.	Estimated Force, 0-6.	Common Designation.
0	Calm	1.5	Light breeze	4	Blowing hard
0.5	Very light air	2	Fresh breeze	5	Blowing a gale
1	Light air	3	Very fresh	6	Violent gale

BAROMETER, "corrected Mean" at 9 A.M., minus the Correction $\frac{1}{100}$ for Temp. (Col. 2), = 29.647
"Corrected Mean" of Barometer at 9 P.M., minus the Correction $\frac{1}{100}$ for Temp. (Col. 4), = 29.653
Mean at Station, corrected, and at 32°, = 29.650
Correction for height, feet above Mean Sea-level, = 210
Mean, reduced to 32°, and Sea-level, = 29.860
Highest Reading, corrected for Index error, on the 1st th., = 29.874
Lowest Do. Do., on the 1st th., = 29.258
Difference, or Monthly Range, = 0.616

S.-R. THERMOMETER, (in shade, etc.), Highest in Month, (corrected for Index Errors), on the 15th, = 68.5
Lowest in Month, corrected for Index errors, on the 13th, = 41.5
Difference, or Monthly Range, = 27.0
"Corrected Mean" of all the Highest, (Col. 5), = 59.8
"Corrected Mean" of all the Lowest, (Col. 6), = 46.3
Difference, or Mean Daily Range, = 13.5
** Calculated Mean Temperature of Month, = 53.1
S.-R. THERMOMETER, Black Bulb in Sun, Highest, (corrected for Index Errors), on the 1st th., = 36.0
"Corrected Mean," (Col. 7), of Black Bulb, Max. in Sun, = 36.0
Lowest at Night, Black Bulb (corrected for Index errors), on the 13th, = 42.6
"Corrected Mean," (Col. 8), of Black Bulb, Min. on grass, = 42.6
Difference of above means or range ("exposed"), = 36.0

HYGROMETER, Mean (corrected) A.M. and P.M. Reading of Dry Bulb, (Cols. 9 and 11), = 52.3
Mean (corrected) A.M. and P.M. Reading of Wet Bulb, (Cols. 10 and 12), = 50.3
** Computed Temperature of Dew-Point, = 48.3
** Do. Elastic Force of Vapour, = 33.9
** Do. Weight of Vapour in a Cubic Foot of Air, = 86
** Relative Humidity (Saturation = 100), = 86
RAIN fell on 19 Days; Amount in Inches, = 3.22

WIND.		SUMMARY.					
Direction.		N	NE	E	SE	S	SW
A.M.		5	3	-	4	6	3
P.M.		5	2	-	5	2	8
Mean.		5	3	0	5	4	5

Observations made and
Return verified by

John Forrest

(Signed)

SCOTTISH METEOROLOGICAL SOCIETY.

Observations taken at Adelaide House, County of Aberdeen, in Lat. 57°24', Long. 2°14', Distance from Sea 12 miles.Height of Cistern of the Barometer above Mean Sea-Level 180 feet, above Ground 3 feet.During the MONTH of September 1902.

The Hours of Observation are of Greenwich Time.

ELECTRICITY.	Days of Month.	BAROMETER.				SELF-REGISTERING THERMOMETERS. Read Daily, at 9 P.M.				HYGROMETER.				Rain.		WIND.				CLOUDS.				SUNSHINE. Hours.	THERMOMETERS under Ground.			Temperature of Wind at each of 9 A.M., 3 P.M., and 9 P.M.	SEA.	OZONE.	GENERAL REMARKS. As to occurrence of Thunder, Lightning, Storms, Hail, Meteors, Remarkable Depression or Elevation of Barometer, Prevalent Diseases, etc. <i>Mention the hour at which Storms, including Thunder and Lightning, began and ended.</i>	Days of Month.		
		9 h. A.M.		9 h. P.M.		Protected in Shade, 4 feet above Ground.		Exposed Black Bulbs.		9 h. A.M.		9 h. P.M.		No. of hours in which it fell.	Amount in inches.	9 h. A.M.		9 h. P.M.		Readings of the H. Cup Anemometer.	9 A.M.		P.M.											
		Barometer. * No.	Attached Thermometer.	Barometer. No.	Attached Thermometer.	Max. No.	Min. No.	Max. in Sun's rays No.	Min. on Grass. No.	Dry bulb.	Wet bulb.	Dry bulb.	Wet bulb.			Direction.	Force.	Direction.	Force.		Velocity (0-5) and Direction.	Amount (0-10), and Species.	Velocity (0-5) and Direction.		Amount (0-10), and Species.									
																										No.	No.						No.	No.
		inches.	°	inches.	°	°	°	°	°	°	°	°	°	°												No. 3 inches.	No. 12 inches.						No. 22 inches.	
1	29.562	56	29.466	55	58	46		41	56	54	55	54			S		S								56	57	56					Fog	1	
2	29.352	60	29.378	57	62	52		49	62	59	56	55	+		S.E.		S.W.								57	57	56						2	
3	29.032	58	29.444	57	60	52		49	58	58	57	52	+		S.E.		S.W.								57	57	56					Fog, Gale	3	
4	29.194	59	29.466	54	59	52		51	58	55	52	50	+		S.W.		S.W.								56	57	56					Gale	4	
5	29.672	59	29.682	57	60	46		42	54	49	48	47			N.W.		N.W.								54	56	56						5	
6	29.654	57	29.768	57	68	45		41	61	58	54	54	+		S.E.		S.W.								56	56	56						6	
7	29.866	59	29.932	55	71	49		45	62	60	53	53	+	3/4	N.W.		S.E.								58	57	56					Fog	7	
8	29.950	57	29.924	54	65	46		42	59	56	51	51			S		S.W.								56	57	56					Fog	8	
9	29.882	55	29.888	51	56	47		42	54	52	48	47	+		N.W.		N								57	56	56						9	
10	29.912	51	29.908	46	51	42		38	49	45	42	40	+		N		N.E.								54	56	56						10	
11	29.802	48	29.752	45	51	35		30	46	44	42	42	+		N		N.W.								51	55	55						11	
12	29.368	47	29.594	44	49	40		36	45	44	41	39	+		N.E.		N								50	54	55					Gale	12	
13	29.632	46	29.432	49	54	39		35	46	42	49	49	+		N.W.		N.W.								47	52	54						13	
14	29.416	49	29.486	47	54	44		39	43	41	44	43	+	20	N		S.E.								51	52	54						14	
15	29.274	50	29.146	45	55	42		38	49	49	42	41	+		S		N								52	53	54						15	
16	.120	50	.250	48	55	40		48	46	45	43				S.W.		N.W.																16	
17	.440	50	.740	48	55	43		49	46	47	45				N.W.		N.W.																17	
18	.900	50	30.000	49	54	38		49	45	42	40				N.W.		N																18	
19	30.090	50	.130	50	55	43		44	42	46	44				S.W.		S								51	51	52						19	
20	30.032	50	29.952	51	55	53		43	51	50	51	50	+		S		S.E.								53	52	52						20	
21	29.894	52	29.886	53	56	50		46	53	52	52	51	+	1/2	S.E.		S.E.								53	53	52						21	
22	29.788	54	29.744	54	55	50		48	54	53	54	54	+		S.E.		S.E.								54	53	53						22	
23	29.692	53	29.528	53	54	52		41	53	53	52	51	+		S.W.		S.W.								54	53	53						23	
24	29.632	55	29.862	49	61	45		39	55	52	45	44	+		S.W.		S.W.								49	52	53						24	
25	29.938	52	30.062	55	62	35		32	56	54	56	55	+		S.W.		S.W.								52	52	53						25	
26	30.112	55	30.108	55	62	42		39	58	56	54	54	+		S.W.		S.W.								54	53	53						26	
27	30.156	55	30.224	53	59	51		51	55	55	52	51			N.W.		N.W.								54	53	53					Fog	27	
28	30.244	52	30.224	53	59	47		47	51	51	52	51		25	N.W.		S.E.								55	54	53						28	
29	30.178	55	30.050	54	58	51		50	56	54	52	51			N.W.		N								54	54	53						29	
30	29.980	54	29.958	52	55	50		50	53	52	51	50	+		N		N.E.								53	54	53						30	
31	29.932	51	29.908	50	51	48		48	49	48	48	48	+	103	N.E.		N.E.																31	
Sums.	1516.9		1514.3																															
	22.746		23.242																															
	773.304	1898	773.304	1347	1569	1793		1114	1397	1349	1312	1279														1448	1467	1465						
Means.																																		
	29.742	53.7	29.742	51.7	58	45.8		42.8	53.7	51.8	50.4	49.1	2.0	1.50												53.6	54.3	54.2						
+ Total Corrections for Instru- mental Errors.	.734		.750																															
+ Corrections for Diurnal Range.	+ .100																																	
"Cor- rected Means."																																		
No. of Column.	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				

NOTATION USED IN GENERAL REMARKS.					
a.	denotes aurora.	m.	denotes meteor.		
ci.	" cirrus.	ms.	" meteors.		
ci.-cu.	" cirro-cumulus.	n.	" nimbus.		
ci.-s.	" cirro-stratus.	r.	" rain.		
cu.	" cumulus.	c. h. r.	" heavy rain.		
cu.-s.	" cumulo-stratus.	s.	" continued heavy rain.		
d.	" dew.	sc.	" stratus.		
f.	" fog.	scul.	" sleet.		
fr.	" frost.	s.	" snow.		
h.-fr.	" hoar-frost.	so. ha.	" solar halo.		
h.	" haze.	sq.	" squall.		
h. d.	" heavy dew.	sq.	" squalls.		
hl.	" hail.	t.	" thunder.		
l.	" lightning.	t. s.	" thunder-storm.		
li. cl.	" light clouds.	w.	" wind.		
li. sh.	" light showers.	g.	" gale of wind.		
lu. co.	" lunar corona.				
lu. ha.	" lunar halo.				

TABLE FOR ESTIMATING FORCE OF WIND.					
Estimated Force, 0-6.	Common Designation.	Estimated Force, 0-6.	Common Designation.	Estimated Force, 0-6.	Common Designation.
0	Calm	1.5	Light breeze	4	Blowing hard
0.5	Very light air	2	Fresh breeze	5	Blowing a gale
1	Light air	3	Very fresh	6	Violent gale

BAROMETER, "corrected Mean" at 9 A.M., minus the Correction $\frac{1}{100}$ for Temp. (Col. 2), = 29.667
"Corrected Mean" of Barometer at 9 P.M., minus the Correction $\frac{1}{100}$ for Temp. (Col. 4), = 29.687
Mean at Station, corrected, and at 32°, = 29.787
Correction for height, feet above Mean Sea-level, = 213.243
Mean, reduced to 32°, and Sea-level, = 29.574
Highest Reading, corrected for Index error, on the 28 th, = 30.244
Lowest Do. Do., on the 3 th, = 29.032
Difference, or Monthly Range, = 1.212

S.-R. THERMOMETER, (in shade, etc.), Highest in Month, (corrected for Index Errors), on the 7 th, = 71.0
Lowest in Month, corrected for Index errors, on the 11 th, = 35.0
Difference, or Monthly Range, = 36.0
"Corrected Mean" of all the Highest, (Col. 5), = 58.0
"Corrected Mean" of all the Lowest, (Col. 6), = 45.8
Difference, or Mean Daily Range, = 12.2
** Calculated Mean Temperature of Month, = 57.9
S.-R. THERMOMETER, Black Bulb in Sun, Highest, (corrected for Index Errors), on the th, =
"Corrected Mean," (Col. 7), of Black Bulb, Max. in Sun, =
Lowest at Night, Black Bulb (corrected for Index errors), on the th, = 32.0
"Corrected Mean," (Col. 8), of Black Bulb, Min. on grass, = 42.8
Difference of above means or range ("exposed"), =

HYGROMETER, Mean (corrected) A.M. and P.M. Reading of Dry Bulb, (Cols. 9 and 11), = 52.1
Mean (corrected) A.M. and P.M. Reading of Wet Bulb, (Cols. 10 and 12), = 50.4
Computed Temperature of Dew-Point, = 48.7
Do. Elastic Force of Vapour, = 344
Do. Weight of Vapour in a Cubic Foot of Air, =
Relative Humidity (Saturation = 100), = 88
RAIN fell on 20 Days; Amount in Inches, = 1.53

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

Observations made and
Return verified by

John Forrest

(Signed)

SCOTTISH METEOROLOGICAL SOCIETY.

Observations taken at Haddo House, County of Aberdeen, in Lat. 57° 4', Long. 2° 14', Distance from Sea 12 miles.

Height of Cistern of the Barometer above Mean Sea-Level 180 feet, above Ground 3 feet.

During the MONTH of October 1902.

The Hours of Observation are of Greenwich Time.

ELECTRICITY.	Days of Month.	BAROMETER.				SELF-REGISTERING THERMOMETERS. Read Daily, at 9 P.M.				HYGROMETER.				Rain.		WIND.				CLOUDS.				SUNSHINE. Hours.	THERMOMETERS under Ground.			Temperature of Wind at height of 1000 feet. No.	SEA.	OZONE.	GENERAL REMARKS. As to occurrence of Thunder, Lightning, Storms, Hail, Meteors, Remarkable Depression or Elevation of Barometer, Prevalent Diseases, etc. <i>Mention the hour at which Storms, including Thunder and Lightning, began and ended.</i>	Days of Month.		
		9 h. A.M.		9 h. P.M.		Protected in Shade, 4 feet above Ground.		Exposed Black Bulbs.		9 h. A.M.		9 h. P.M.		No. of hours in which it fell.	Amount in inches.	9 h. A.M.		9 h. P.M.		Readings of the H. Cdp Anemometer.		9 A.M.			P.M.		9 h. A.M.							
		Barometer.	Attached Thermometer.	Barometer.	Attached Thermometer.	Max.	Min.	Max. in Sun/shade.	Min. on Grass.	Dry bulb.	Wet bulb.	Dry bulb.	Wet bulb.			Direction.	Force.	Direction.	Force.	No.	Velocity (0-5) and Species.	Amount (0-10), and Species.	Velocity (0-5) and Species.		Amount (0-10), and Species.	No.	No.						No.	
		* No.		No.		No.	No.	No.	No.	No.	No.	No.	No.			No.	No.	No.	No.	No.	No.	No.	No.		No.	No.	No.						No.	No.
		inches.	°	inches.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°		°	°	°						°	°
1	29.932	51	29.958	50	51	48		48	49	48	48	48	+		N.E.	N.E.								53	54	53				1				
2	30.692	50	30.162	46	51	39		35	48	47	43	41			S.E.	S.E.								50	53	53				2				
3	30.122	24	30.058	39	52	32		29	43	42	35	34			S	S.W.								46	52	53				3				
4	30.022	40	30.026	46	54	28		26	42	38	47	46	+		N.W.	S.E.								42	50	51				4				
5	30.022	47	29.998	47	52	43		39	48	47	46	46	+		E	S.E.								48	50	51				5				
6	29.840	48	29.756	46	55	44		41	51	49	44	44	+		S.E.	S.E.								49	50	51				6				
7	29.700	47	29.682	44	52	40		36	49	46	42	41	+		N.E.	N.W.								48	50	51				7				
8	29.662	45	29.700	43	50	40		35	45	44	40	40			N	N.W.								46	49	50				8				
9	29.698	41	29.578	41	48	32		29	39	39	37	37	+		N.W.	N.E.								44	49	50				9				
10	29.442	43	29.388	41	50	29		27	42	42	37	36			N.W.	N.W.								44	48	49				10				
11	29.442	39	29.604	40	53	31		26	36	36	37	37			N.W.	N.W.								41	47	49				11				
12	29.738	38	29.676	48	53	28		25	36	36	49	48	+	21	N	S.E.								41	46	48				12				
13	29.568	48	29.568	48	55	48		37	48	46	45	44			N	S.W.								46	47	48				13				
14	29.394	47	29.324	44	55	40		34	49	49	41	40	+		S.W.	S								47	47	48				14				
15	28.876	50	28.428	49	58	39		32	52	50	48	47	+		S	S.W.								47	47	48				15				
16	28.668	48	28.918	48	49	42		38	46	45	48	47	+		N.W.	N.W.								47	47	48				16				
17	29.248	46	29.324	39	50	34		29	47	44	34	34	+		N.W.	N.W.								46	47	48				17				
18	29.414	43	29.558	35	47	30		24	44	42	30	29	+		N.W.	N.W.								43	47	48				18				
19	29.600	33	29.422	43	48	25		21	30	30	45	44	+	116	S.W.	S.W.								38	45	47				19				
20	29.896	44	29.304	38	50	34		29	48	44	34	34	+		N	N.W.								44	45	46				20				
21	29.422	40	29.462	42	51	32		27	39	38	40	39			S	N.W.								39	44	46				21				
22	29.604	46	29.702	42	52	36		30	42	41	41	40			N	N								41	43	46				22				
23	29.784	49	29.806	49	56	40		38	52	50	49	47			S	S.W.								44	44	46				23				
24	29.732	53	29.944	46	59	40		36	56	52	42	42	+		S.W.	N.E.								46	45	46				24				
25	30.124	43	29.892	48	51	39		33	39	39	49	48			N.W.	S								43	45	46				25				
26	29.428	49	29.650	50	53	48		45	49	48	50	49	+	30	S	N.W.								42	46	46				26				
27	29.792	46	29.704	46	50	43		37	45	44	46	45	+		N.W.	N.W.								46	47	46				27				
28	29.626	47	29.624	48	55	41		35	46	45	47	46			S.W.	S.W.								44	46	46				28				
29	29.556	53	29.576	47	58	44		37	53	52	44	43			S	S.W.								47	46	46				29				
30	29.582	47	29.786	42	51	38		30	45	43	38	38	+		N	N.W.								43	46	46				30				
31	29.468	44	29.446	54	58	34		28	43	43	56	52	+	28	S	N.W.								44	46	46				31				
Sums.	15112		15112		1113			1016	1358	1359															1374	1468	1496							
Means.	18.774		18.774		75.13			32.7	45.1	43.8															44.3	47.3	48.2							
+ Total Corrections for Instru- mental Errors.	.606		.612		37.5			.5																										
+ Corrections for Diurnal Range.																																		
"Cor- rected Means."																																		
No. of Column.	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				

NOTATION USED IN GENERAL REMARKS.

a.	denotes aurora.	m.	denotes meteor.
ci.	cirrus.	ms.	meteors.
ci-cu.	cirro-cumulus.	n.	nebulae.
cu.	cumulus.	r.	rain.
cu-s.	cumulo-stratus.	h. r.	heavy rain.
d.	dew.	c. h. r.	continued heavy rain.
f.	fog.	s.	stratus.
fr.	frost.	sc.	scud.
h. fr.	hoar-frost.	s.	sleet.
h.	haze.	so. ha.	solar halo.
h. d.	heavy dew.	sq.	squall.
hl.	hail.	sq.	squalls.
l.	lightning.	t.	thunder.
li. cl.	light clouds.	t. s.	thunder-storm.
li. sh.	light showers.	w.	wind.
lu. co.	lunar corona.	g.	gale of wind.
lu. ha.	lunar halo.		

TABLE FOR ESTIMATING FORCE OF WIND.

Estimated Force, 0-6.	Common Designation.	Estimated Force, 0-6.	Common Designation.	Estimated Force, 0-6.	Common Designation.
0	Calm	1.5	Light breeze	4	Blowing hard
0.5	Very light air	2	Fresh breeze	5	Blowing a gale
1	Light air	3	Very fresh	6	Violent gale

BAROMETER, "corrected Mean" at 9 A.M., minus the Correction $\frac{1}{10}$ for Temp. (Col. 2), = 58.1
 "Corrected Mean" of Barometer at 9 P.M., minus the Correction $\frac{1}{10}$ for Temp. (Col. 4), = 56.9
 Mean at Station, corrected, and at 32°, = 28.675
 Correction for height, feet above Mean Sea-level, = 2.00
 Mean, reduced to 32°, and Sea-level, = 26.875
 Highest Reading, corrected for Index error, on the 15th, = 30.124
 Lowest Do. Do., on the 15th, = 28.428
 Difference, or Monthly Range, = 1.696

S.R. THERMOMETER, (in shade, etc.), Highest in Month, (corrected for Index Errors), on the 14th, = 59.0
 Lowest in Month, corrected for Index errors, on the 12th, = 28.0
 Difference, or Monthly Range, = 31.0
 "Corrected Mean" of all the Highest, (Col. 5), = 52.9
 "Corrected Mean" of all the Lowest, (Col. 6), = 38.0
 Difference, or Mean Daily Range, = 14.9
 ** Calculated Mean Temperature of Month, = 45.5
 S.R. THERMOMETER, Black Bulb in Sun, Highest, (corrected for Index Errors), on the 14th, = 21.0
 "Corrected Mean," (Col. 7), of Black Bulb, Max. in Sun, = 32.7
 Lowest at Night, Black Bulb (corrected for Index errors), on the 14th, = 21.0
 "Corrected Mean," (Col. 8), of Black Bulb, Min. on grass, = 32.7
 Difference of above means or range ("exposed"), = 1.696

HYGROMETER, Mean (corrected) A.M. and P.M. Reading of Dry Bulb, (Cols. 9 and 11), = 44.5
 Mean (corrected) A.M. and P.M. Reading of Wet Bulb, (Cols. 10 and 12), = 42.9
 ** Computed Temperature of Dew-Point, = 41.0
 ** Do. Elastic Force of Vapour, = 2.57
 ** Do. Weight of Vapour in a Cubic Foot of Air, = 8.8
 ** Relative Humidity (Saturation = 100), = 88
 RAIN fell on 18 Days; Amount in Inches, = 1.95

WIND.		SUMMARY.					
Direction.		N	NE	E	SE	S	SW
A.M.		1	2	1	2	7	4
P.M.		0	3	0	5	2	7
Mean.		1	2	1	3	4	6

Observations made and Return verified by John Forrest

(Signed)

SCOTTISH METEOROLOGICAL SOCIETY.

Observations taken at Hadde House, County of Aberdeen, in Lat. 57° 4', Long. 2° 14', Distance from Sea 12 miles.Height of Cistern of the Barometer above Mean Sea-Level 180 feet, above Ground 3 feet.During the MONTH of November 1902.

The Hours of Observation are of Greenwich Time.

ELECTRICITY.	Days of Month.	BAROMETER.				SELF-REGISTERING THERMOMETERS. Read Daily, at 9 P.M.				HYGROMETER.				Rain.	WIND.				CLOUDS.				THERMOMETERS under Ground.			SEA.	OZONE.	GENERAL REMARKS.		Days of Month.							
		9 h. A.M.		9 h. P.M.		Protected in Shade, 4 feet above Ground.		Exposed Black Bulbs.		9 h. A.M.		9 h. P.M.			9 h. A.M.		9 h. P.M.		9 A.M.		P.M.		9 h. A.M.					0—10.			As to occurrence of Thunder, Lightning, Storms, Hail, Meteors, Remarkable Depression or Elevation of Barometer, Prevalent Diseases, etc.						
		Barometer.	Attached Thermometer.	Barometer.	Attached Thermometer.	Max.	Min.	Max. in Sun's rays.	Min. on Grass.	Dry bulb.	Wet bulb.	Dry bulb.	Wet bulb.		No. of hours in which it fell.	Amount in inches.	9 h. A.M.	9 h. P.M.	9 h. A.M.	9 h. P.M.	Velocity (0—6) and Direction.	Amount (0—10), and Species.	Velocity (0—6) and Direction.	Amount (0—10), and Species.	No. 5 inches.			No. 12 inches.	No. 22 inches.		Temperature of Well, at feet, No.	Temperature and Density.	9 A.M.	9 P.M.	Mention the hour at which Storms, including Thunder and Lightning, began and ended.		
		* No.		No.		No.	No.	No.	No.								Direction.	Force.	Direction.	Force.					Hours.												
		inches.	°	inches.	°	°	°	°	°	°	°	°	°		°																						
	1	29.473	48	29.796	44	56	41	38	47	46	42	39	+		N.W.		N.W.							47	46	46	47	46				1					
	2	29.424	39	29.718	42	49	33	28	36	35	40	39			W		W							41	45	46						2					
	3	29.548	45	29.774	38	49	33	28	46	44	33	32	+		N.W.		N.W.							42	43	46						3					
	4	29.818	43	29.744	48	48	32	28	45	44	48	48	+		S		S.E.							41	43	45						4					
	5	29.584	47	29.384	48	49	44	45	47	46	48	47	+		S.E.		S.E.							45	44	45						5					
	6	29.264	50	29.318	51	54	47	44	50	50	49	49	+		S		S.E.							47	45	45						6					
	7	29.058	51	29.122	47	51	45	40	49	49	45	44	+		S.E.		S.W.							48	46	46						7					
	8	29.184	47	28.684	45	48	37	32	46	46	43	42	+		S.E.		S.E.							43	46	46						8					
	9	28.714	46	28.946	45	48	43	35	46	45	43	41	+	1.43	S		S.W.							45	46	46						9					
	10	29.424	45	29.428	45	50	37	30	44	38	37	36			W		W							44	46	46						10					
	11	29.458	46	29.268	46	49	36	31	47	46	44	43	+		S.W.		S.W.							42	44	45						11					
	12	29.228	47	29.478	46	48	40	38	45	48	45	44	+		S		S.W.							44	44	45						12					
	13	29.514	50	29.526	47	55	45	35	51	50	45	42	+		S		S.W.							46	45	45						13					
	14	29.552	41	30.036	44	48	36	30	38	36	43	42			W		S							41	45	45						14					
	15	30.034	50	30.028	49	50	42	34	50	49	48	47			S		S							44	44	45						15					
	16	30.004	44	30.068	46	45	43	42	45	42	45	43	+	1.49	S		S.E.							44	44	45						16					
	17	30.168	45	29.132	44	45	41	39	44	41	43	40			S		S							44	44	45						17					
	18	30.268	42	30.218	43	45	40	34	42	39	41	38			S.E.		S.E.							41	43	45						18					
	19	30.174	42	30.188	42	44	39	34	42	38	41	37			S.E.		S.E.							40	42	44						19					
	20	30.132	36	30.086	39	45	33	29	33	32	36	35			S.E.		S.E.							38	41	44						20					
	21	30.000	41	29.848	38	45	35	26	41	39	36	35			S.E.		S.E.							38	41	43						21					
	22	29.672	41	29.544	40	42	34	26	40	38	39	37			S.E.		S.E.							38	41	43						22					
	23	29.412	39	29.410	36	45	31	25	36	36	32	31			S		S.W.							38	41	43						23					
	24	29.392	32	29.262	42	43	25	22	27	27	43	42	+	1.78	S		S.E.							35	39	42						24					
	25	29.198	44	29.192	45	45	43	38	45	45	46	45	+		S.E.		S.E.							41	40	43						25					
	26	29.198	47	29.246	46	47	45	43	46	45	46	46	+		S.E.		S.E.							43	41	42						26					
	27	29.264	43	29.124	46	46	40	33	42	42	46	45			S		S.E.							42	42	42						27					
	28	28.996	46	28.962	46	47	42	37	46	44	46	45	+		S.E.		S.E.							43	42	42						28					
	29	29.162	42	29.350	45	46	40	34	40	39	44	43	+		S		S.E.							42	43	42						29					
	30	29.546	44	29.586	41	45	38	36	43	42	38	36	+	1.84	S.E.		S.E.							43	43	42						30					
	31	28.870	1323	15																													31				
Sums.		888.701	1323	1515	16	11								2.82										1270	1300	1329											
Means.		16.701		15.570		26.1																		42.3	43.3	44.9											
+ Total Corrections for Instrumental Errors.		557		552																																	
+ Corrections for Diurnal Range.		110		110		1.5																															
"Corrected Means."																																					
No. of Column.		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						

NOTATION USED IN GENERAL REMARKS.

a.	denotes aurora.	m.	denotes meteor.
ci.	"	ms.	"
ci.-cu.	"	n.	"
ci.-s.	"	r.	"
cu.	"	h. r.	"
cu.-s.	"	c. h. r.	"
d.	"	s.	"
f.	"	sc.	"
fr.	"	slet.	"
h.-fr.	"	s.	"
h.	"	so. ha.	"
h. d.	"	sq.	"
hl.	"	sga.	"
l.	"	t.	"
li. cl.	"	t. s.	"
li. sh.	"	w.	"
lu. co.	"	g.	"
lu. ha.	"		"

TABLE FOR ESTIMATING FORCE OF WIND.

Estimated Force, 0—6.	Common Designation.	Estimated Force, 0—6.	Common Designation.	Estimated Force, 0—6.	Common Designation.
0	Calm	1.5	Light breeze	4	Blowing hard
0.5	Very light air	2.	Fresh breeze	5	Blowing a gale
1.	Light air	3.	Very fresh	6	Violent gale

NOTATION USED IN GENERAL REMARKS.

a.	denotes aurora.	m.	denotes meteor.
ci.	" cirrus.	ms.	" meteors.
ci.-cu.	" cirro-cumulus.	n.	" nimbus.
cl.-s.	" cirro-stratus.	r.	" rain.
cu.	" cumulus.	h. r.	" heavy rain.
cu.-s.	" cumulo-stratus.	c. h. r.	" continued heavy rain.
d.	" dew.	s.	" stratus.
f.	" fog.	sc.	" scud.
fr.	" frost.	s.	" sleet.
h.-fr.	" hoar-frost.	s.	" snow.
h.	" haze.	so. ha.	" solar halo.
h. d.	" heavy dew.	sq.	" squall.
hl.	" hail.	sg.	" squall.
l.	" lightning.	t.	" thunder.
h. cl.	" light clouds.	t. s.	" thunder-storm.
h. sh.	" light showers.	w.	" wind.
lu. co.	" lunar corona.	g.	" gale of wind.
lu. ha.	" lunar halo.		

TABLE FOR ESTIMATING FORCE OF WIND.

Estimated Force, 0-6.	Common Designation.	Estimated Force, 0-6.	Common Designation.	Estimated Force, 0-6.	Common Designation.
0	Calm	1.5	Light breeze	4	Blowing hard
0.5	Very light air	2	Fresh breeze	5	Blowing a gale
1	Light air	3	Very fresh	6	Violent gale

BAROMETER, "corrected Mean" at 9 A.M., minus the Correction $\frac{1}{100}$ for Temp. (Col. 2), = 29.667.....4.1.....626

"Corrected Mean" of Barometer at 9 P.M., minus the Correction $\frac{1}{100}$ for Temp. (Col. 4), = 29.662.....4.1.....621

Mean at Station, corrected, and at 32°,.....624

Correction for height, feet above Mean Sea-level,.....188

Mean, reduced to 32°, and Sea-level,.....822

Highest Reading, corrected for Index error, on the 18th,.....30.218

Lowest Do. Do., on the 9th,.....28.714

Difference, or Monthly Range,.....1.504

S.-R. THERMOMETER, (in shade, etc.), Highest in Month, (corrected for Index Errors), on the 19th,.....56.0

Lowest in Month, corrected for Index errors, on the 24th,.....25.0

Difference, or Monthly Range,.....31.0

"Corrected Mean" of all the Highest, (Col. 5),.....48.1

"Corrected Mean" of all the Lowest, (Col. 6),.....39.2

Difference, or Mean Daily Range,.....8.9

** Calculated Mean Temperature of Month,.....43.7

S.-R. THERMOMETER, Black Bulb in Sun, Highest, (corrected for Index Errors), on the 19th,.....56.0

"Corrected Mean," (Col. 7), of Black Bulb, Max. in Sun,.....56.0

Lowest at Night, Black Bulb (corrected for Index errors), on the 19th,.....25.0

"Corrected Mean," (Col. 8), of Black Bulb, Min. on grass,.....25.0

Difference of above means or range ("exposed"),.....31.0

HYGROMETER, Mean (corrected) A.M. and P.M. Reading of Dry Bulb, (Cols. 9 and 11),.....43.3

Mean (corrected) A.M. and P.M. Reading of Wet Bulb, (Cols. 10 and 12),.....41.6

Computed Temperature of Dew-Point,.....39.6

Do. Elastic Force of Vapour,.....24.4

Do. Weight of Vapour in a Cubic Foot of Air,.....87

Relative Humidity (Saturation = 100),.....87

RAIN fell on 18 Days; Amount in Inches,.....2.84

WIND.		SUMMARY.					
Direction.		N	NE	E	SE	S	SW
A.M.		0	0	0	12	12	13
P.M.		0	0	0	17	3	6
Mean.		0	0	0	14	8	2

Observations made and
Return verified by

John Forster

(Signed)

SCOTTISH METEOROLOGICAL SOCIETY.

Observations taken at Harro House, County of Aberdeen, in Lat. 57°41', Long. 2°11', Distance from Sea 12 miles.Height of Cistern of the Barometer above Mean Sea-Level 180 feet, above Ground 3 feet.During the MONTH of December 1902.

The Hours of Observation are of Greenwich Time.

ELECTRICITY.	Days of Month.	BAROMETER.				SELF-REGISTERING THERMOMETERS. Read Daily, at 9 P.M.				HYGROMETER.				Rain.	WIND.				CLOUDS.				SUNSHINE. Hours.	THERMOMETERS under Ground.			SEA.	OZONE.	GENERAL REMARKS. As to occurrence of Thunder, Lightning, Storms, Hail, Meteors, Remarkable Depression or Elevation of Barometer, Prevalent Diseases, etc. <i>Mention the hour at which Storms, including Thunder and Lightning, began and ended.</i>	Days of Month.			
		9 h. A.M.		9 h. P.M.		Protected in Shade, 4 feet above Ground.		Exposed Black Bulbs.		9 h. A.M.		9 h. P.M.			No. of hours in which it fell.	Amount in inches.	9 h. A.M.		9 h. P.M.		Readings of the H. Cup Anemometer. No.	9 A.M.		P.M.		9 h. A.M.							
		Barometer.	Attached Thermometer.	Barometer.	Attached Thermometer.	Max.	Min.	Max. in Sun-rays.	Min. on Grass.	Dry bulb.	Wet bulb.	Dry bulb.	Wet bulb.				Direction.	Force.	Direction.	Force.		Velocity (0-10), and Species.		Amount (0-10), and Species.	Velocity (0-10), and Direction.	Amount (0-10), and Species.					No. 3 inches.	No. 12 inches.	No. 22 inches.
		* No.	inches.	No.	°	No.	°	No.	°	No.	°	No.	°				No.	°	No.	°		No.		°	No.	°					No.	°	No.
		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
		inches.	°	inches.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°			
	1	29.416	41	29.354	39	41	37		34	40	37	37	37		SE	5.6								40	42	43					1		
	2	29.224	34	29.372	37	37	34		32	36	35	35	35	1.72	SE	5.6								38	41	42					2		
	3	29.876	37	30.132	36	37	31		28	34	33	34	33	+	SE	5.6								37	39	41					3		
	4	30.284	35	30.314	36	36	32		26	34	31	34	32	+	SE	5.6								36	38	41					4		
	5	30.296	37	30.242	37	37	33		30	36	32	36	34	+	SE	5.6								36	37	41					5		
	6	30.174	37	30.102	35	36	32		29	36	35	32	32	+	SE	5.6								37	38	40					6		
	7	30.102	31	30.065	29	33	25		20	28	26	25	25	1.2	S	SW								34	38	40					7		
	8	30.076	37	30.052	33	33	23		19	23	23	33	32		W	SW								33	38	40					8		
	9	30.072	36	30.168	37	39	32		27	36	35	38	38		SE	5.6								33	38	40					9		
	10	30.244	37	30.216	38	39	36		33	39	38	37	37	+	SE	5.6								34	38	40					10		
	11	30.092	40	29.956	40	39	37		35	38	38	39	38		S	SE								36	38	40					11		
	12	29.796	39	29.612	39	38	36		36	37	35	38	36		S	S								37	38	39					12		
	13	29.476	40	29.438	42	44	37		33	39	38	43	41	1.5	S	SW								37	38	39					13		
	14	29.394	43	29.200	48	51	38		34	45	43	49	48	+	S	W								38	38	39					14		
	15	29.128	41	29.526	36	40	31		25	37	34	32	31	+	SW	SW								39	38	39					15		
	16	28.784	42	29.204	40	46	32		26	43	42	39	38	+	SW	SW								39	38	39					16		
	17	29.266	37	29.394	37	41	34		26	35	34	34	33		SW	W								36	38	39					17		
	18	29.074	37	29.444	36	40	32		24	37	36	34	33	+	SW	SW								36	38	39					18		
	19	29.784	37	29.758	41	44	34		29	37	35	42	40	+	W	W								34	37	39					19		
	20	29.706	43	29.818	44	48	41		32	45	43	44	42	+	SW	SW								38	38	39					20		
	21	29.936	47	30.044	45	50	42		24	48	45	42	42	1.92	SW	SW								40	39	39					21		
	22	30.562	34	30.028	34	43	29		23	30	30	29	29		W	SW								36	39	39					22		
	23	29.418	30	30.008	40	44	24		20	26	26	40	40		SW	W								34	38	39					23		
	24	29.776	43	29.644	46	49	31		28	45	43	47	45		W	W								36	37	38					24		
	25	29.254	49	29.324	39	52	36		32	51	46	36	36	+	SW	SW								40	38	38					25		
	26	29.436	39	29.388	44	46	34		31	39	36	46	44	+	SW	SW								37	38	38					26		
	27	29.348	45	28.884	47	51	45		37	46	44	49	46		SW	SW								38	38	38					27		
	28	28.680	36	28.438	35	38	32		26	32	31	33	31	1.29	SW	W								36	38	38					28		
	29	28.096	36	28.188	37	38	31		26	36	35	36	36	+	S	SW								36	38	38					29		
	30	28.456	37	28.732	34	39	34		30	35	35	38	36	+	SW	SW								36	38	38					30		
	31	28.938	37	29.054	38	38	30		24	34	33	30	30	1.43	SW	SW								36	38	38					31		
Sums.		13 13 14		11 11 14		15 11			891	1157	1143	1167	1130	3.63										17 23 18									
Means.		916.144	1184	916.052	1198	1287.1035			28.7	37.3	35.6	37.4	36.4	19.28										36.3	38.2	39.3							
+ Total Corrections for Instrumental Errors.																																	
+ Corrections for Diurnal Range.		4.110		4.110		2.5 2.5																											
"Corrected Means."		662		693																													
No. of Column.		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		

NOTATION USED IN GENERAL REMARKS.					
a.	denotes aurora.	m.	denotes meteor.		
ci.	cirrus.	ms.	meteors.		
ci. cu.	cirro-cumulus.	n.	nimbus.		
ci. s.	cirro-stratus.	r.	rain.		
cu.	cumulus.	h. r.	heavy rain.		
cu. s.	cumulo-stratus.	c. h. r.	continued heavy rain.		
d.	dew.	s.	stratus.		
f.	fog.	sc.	scud.		
fr.	frost.	s.	sleet.		
h. fr.	hoar-frost.	s.	snow.		
h.	haze.	so. ha.	solar halo.		
h. d.	heavy dew.	sq.	squall.		
hl.	hail.	sq.	squalls.		
l.	lightning.	t.	thunder.		
li. cl.	light clouds.	t. s.	thunder-storm.		
li. sh.	light showers.	w.	wind.		
lu. co.	lunar corona.	g.	gale of wind.		
lu. ha.	lunar halo.				

TABLE FOR ESTIMATING FORCE OF WIND.					
Estimated Force, 0-6.	Common Designation.	Estimated Force, 0-6.	Common Designation.	Estimated Force, 0-6.	Common Designation.
0	Calm	1.5	Light breeze	4	Blowing hard
0.5	Very light air	2.	Fresh breeze	5	Blowing a gale
1.	Light air	3.	Very fresh	6	Violent gale

BAROMETER, "corrected Mean" at 9 A.M., minus the Correction $\frac{1}{10}$ for Temp. (Col. 2), = 29.637
"Corrected Mean" of Barometer at 9 P.M., minus the Correction $\frac{1}{10}$ for Temp. (Col. 4), = 29.666
Mean at Station, corrected, and at 32°, = 29.652
Correction for height, feet above Mean Sea-level, = 2.02
Mean, reduced to 32°, and Sea-level, = 29.654
Highest Reading, corrected for Index error, on the 4th, = 30.314
Lowest Do. Do., on the 29th, = 28.096
Difference, or Monthly Range, = 2.218

S.-R. THERMOMETER, (in shade, etc.), Highest in Month, (corrected for Index Errors), on the 8th, = 32.0
Lowest in Month, corrected for Index errors, on the 8th, = 23.0
Difference, or Monthly Range, = 29.0
"Corrected Mean" of all the Highest, (Col. 5), = 42.0
"Corrected Mean" of all the Lowest, (Col. 6), = 33.8
Difference, or Mean Daily Range, = 8.2
** Calculated Mean Temperature of Month, = 37.4
S.-R. THERMOMETER, Black Bulb in Sun, Highest, (corrected for Index Errors), on the 8th, = 19.0
Lowest at Night, Black Bulb (corrected for Index errors), on the 8th, = 19.0
"Corrected Mean," (Col. 7), of Black Bulb, Max. in Sun, = 28.7
Difference of above means or range ("exposed"), = 28.7

HYGROMETER, Mean (corrected) A.M. and P.M. Reading of Dry Bulb, (Cols. 9 and 11), = 37.4
Mean (corrected) A.M. and P.M. Reading of Wet Bulb, (Cols. 10 and 12), = 36.0
Computed Temperature of Dew-Point, = 34.1
Do. Elastic Force of Vapour, = 1.96
Do. Weight of Vapour in a Cubic Foot of Air, = 88
Relative Humidity (Saturation = 100), = 88
RAIN fell on 19 Days; Amount in Inches, = 3.63

WIND.		SUMMARY.							
Direction.		N	NE	E	SE	S	SW	W	NW
A.M.		1	2		6	6	4	4	8
P.M.		-	2	2	2	5	6	5	
Mean.		0	3	1	7	4	5	5	6

Observations made and
Return verified by

John Forrest

(Signed)

