

SCOTTISH METEOROLOGICAL SOCIETY.

Observations taken at Gordon's College, Abdon, County of Aberdeen, in Lat. 57° 9' N, Long. 2° 6' W, Distance from Sea 1 mile.
Height of Cistern of the Barometer above Mean Sea-Level 66 feet, above Ground 22 feet. During the MONTH of January 1895.

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. <i>ention 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 h. A.M.		9 h. P.M.			9 h. A.M.		9 h. P.M.								
		Barometer.	Attached Thermometer.	Barometer.	Attached Thermometer.	Max.	Min.	Max. in Sunrays.	Min. on Grass.	Dry bulb.	Wet bulb.	Dry bulb.	Wet bulb.		No. of hours in which it fell.	Amount in inches.	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.	No.	No.	No.		9 A.M.	9 P.M.
		* No.		No.		No.	No.	No.	No.																									
		inches.	°	inches.	°	°	°	°	°	°	°	°																						
	1	30.032	45.0	29.778	44.0	38.8	28.7			34.6	32.2	34.0	31.9	—	S.W.	1	S.W.	1/2		10	St	4	St	2								1		
	2	29.598	46.0	29.484	46.0	37.2	24.1			29.2	26.4	29.8	27.4	109	N.W.	1	N.W.	1/2		5	cu	4	St	3								2		
	3	29.582	44.0	29.768	45.0	36.2	30.7			31.4	30.6	31.8	30.8	102	N.W.	1	N.W.	1/2		10	cu	8	cu-st	4								3		
	4	30.176	46.0	30.122	44.0	34.2	24.8			34.3	32.5	35.1	33.6	101	N.W.	1	N.W.	1		5	cu	6	cu-st	4								4		
	5	30.062	47.0	29.856	45.0	37.4	30.3			32.4	31.3	36.4	35.8	106	S.W.	1	W.	1		6	cu-st	10	St	2								5		
	6	29.564	44.0	29.634	42.0	36.6	27.5			33.4	31.8	31.4	30.6	130	N.W.	1	N.W.	1 1/2		10	cu-st	4	cu	2								6		
	7	29.912	45.0	29.964	38.0	34.5	24.8			34.2	32.1	31.2	30.5	107	N.W.	1	W.	1		10	St	10	St	—								7		
	8	30.020	36.0	29.916	34.0	29.2	13.5			28.4	27.5	20.4	20.0	—	N.W.	1	N	—		5	cu-st	—	—	3								8		
	9	29.890	33.0	29.840	34.0	30.2	16.5			17.4	16.2	29.6	29.0	—	W	1	W	1/2		1	St	10	cu	3								9		
	10	29.848	34.0	29.808	31.0	24.6	12.4			22.0	21.0	18.0	17.6	—	W	—	W	—		8	cu-st	—	—	3								10		
	11	29.840	33.0	29.704	35.0	37.4	11.4			14.0	13.6	31.6	32.0	102	W	—	S.W.	1		10	St	9	cu	4								11		
	12	29.582	40.0	29.478	39.0	34.1	35.2			37.8	36.2	38.4	37.1	121	S.W.	1	S.E.	2		10	cu-st	10	St	—								12		
	13	29.314	40.0	29.180	39.0	42.3	34.1			36.4	35.2	34.8	34.0	138	E	4	E	3		10	cu-st	10	Nim	—								13		
	14	29.898	42.0	29.840	43.0	42.6	37.2			41.8	40.2	42.6	39.2	106	S.E.	1 1/2	E	1 1/2		10	St	10	St	—								14		
	15	29.086	41.0	29.098	39.0	40.8	33.7			37.9	37.1	36.4	35.7	135	N	1	N.	1/2		10	St	10	cu-st	—								15		
	16	29.074	43.0	29.050	44.0	42.0	38.7			40.2	39.2	42.6	41.4	113	S.E.	2	S.E.	1/2		10	cu-st	10	St	—								16		
	17	28.992	43.0	28.968	44.0	40.6	34.2			39.2	38.4	36.6	36.1	114	S.E.	1 1/2	S.E.	1		10	St	10	Nim	—								17		
	18	29.184	43.0	29.516	42.0	40.8	35.3			37.1	36.2	37.8	36.9	113	S.W.	1	S.W.	1		10	Nim	10	St	—								18		
	19	29.824	44.0	29.744	42.4	37.6	35.5			37.6	37.0	38.2	37.6	109	N.W.	1	N.W.	1		10	cu	8	cu	3								19		
	20	29.844	41.0	29.808	43.0	37.6	30.2			34.6	33.1	31.4	29.6	102	N.	1	N.	1		6	cu-st	3	cu-st	3								20		
	21	29.924	40.0	29.886	39.0	35.6	30.0			31.6	30.0	33.6	30.8	109	N.W.	1 1/2	N.W.	1		10	St	6	cu	3								21		
	22	29.716	41.0	29.504	40.0	39.8	30.4			34.0	32.4	37.2	35.4	107	N.W.	1	N.W.	1		10	cu	1	St	2								22		
	23	29.536	38.0	29.574	39.0	33.8	30.1			33.8	31.2	33.2	32.0	106	N	2	N.W.	1		10	St	6	cu	3								23		
	24	28.902	41.0	29.340	38.0	37.8	29.4			33.2	32.1	34.4	33.0	119	W	1/2	W.	1		4	cu	—	—	2								24		
	25	29.896	40.0	29.578	40.0	32.0	27.6			31.2	30.2	31.4	30.2	106	N.W.	1 1/2	N.W.	1		8	cu	—	—	1								25		
	26	29.616	37.0	29.474	38.0	31.8	18.7			30.2	29.2	27.5	27.0	110	W.	1	W.	1		10	St	10	cu	2								26		
	27	29.610	39.0	29.420	40.0	30.0	23.0			27.2	26.8	26.1	25.0	111	N.W.	1 1/2	N.W.	1		9	cu	4	cu-st	1								27		
	28	30.006	36.0	30.148	32.0	29.8	16.4			25.4	25.0	23.2	22.1	—	N.W.	1	N.W.	1/2		10	St	1	cu	2								28		
	29	30.082	37.0	30.482	34.0	34.6	22.5			24.8	23.0	23.8	22.7	104	S.W.	1/2	S.W.	1		10	St	2	St	4								29		
	30	30.724	39.0	30.738	39.0	35.2	24.4			32.8	31.5	34.1	32.4	103	S.E.	1	S.E.	1/2		6	cu	4	cu	2								30		
	31	30.580	38.0	30.348	37.0	36.2	27.2			28.1	27.0	35.8	33.2	114	N.	1/2	W.	1		10	St	10	St	1										
Sums.		1651	12	1815	15	1413	1412			1412	124	1411	131	312		4				263		198	56											
Means.		29.699	40.5	29.704	39.8	36.1	27.1			31.8	30.5	32.5	31.3			1.08				8.5		6.1												
+ Total Corrections for Instrumental Errors.		+106	-7	+106	-7																													
+ Corrections for Diurnal Range.																																		
"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			

BAROMETER, "corrected Mean" at 9 A.M., minus the Correction ++ = 29.694
for Temp. (Col. 2), = 29.705 31
"Corrected Mean" of Barometer at 9 P.M., minus the Correction ++ = 29.682
for Temp. (Col. 4), = 29.710 28
Mean at Station, corrected, and at 32', = 29.698
Correction for height, feet above Mean Sea-level, = 74
Mean, reduced to 32', and Sea-level, = 29.752
Highest Reading, corrected for Index error, on the 30 th, = 30.758
Lowest Do. Do. on the 24 th, = 28.902
Difference, or Monthly Range, = 1.856

S-R. THERMOMETER, (in shade, etc.), Highest in Month, (corrected for Index Errors), on the 11 th, = 42.6
Lowest in Month, corrected for Index errors, on the 11 th, = 11.4
Difference, or Monthly Range, = 31.2
"Corrected Mean" of all the Highest, (Col. 5), = 36.1
"Corrected Mean" of all the Lowest, (Col. 6), = 27.1
Difference, or Mean Daily Range, = 9.0
** Calculated Mean Temperature of Month, = 31.6
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, =
"Corrected Mean," (Col. 8), of Black Bulb, Min. on grass, =
Difference of above means or range ("exposed"), =

HYGROMETER, Mean (corrected) A.M. and P.M. Reading of Dry Bulb, (Cols. 9 and 11), = 32.2
Mean (corrected) A.M. and P.M. Reading of Wet Bulb, (Cols. 10 and 12), = 30.9
Computed Temperature of Dew-Point, = 28.1
Do. Elastic Force of Vapour, = 153
Do. Weight of Vapour in a Cubic Foot of Air, =
Relative Humidity (Saturation = 100), = 84
RAIN fell on 26 Days; Amount in Inches, = 4.01

WIND.		SUMMARY.							
Direction.		N	NE	E	SE	S	SW	W	NW
A.M.	7	1	1	1	1	1	1	1	1
P.M.	5	2	4	4	6	10			
Mean.	6	1	2	4	0	4	5	9	0

Observations made and Return verified by James Dale Teacher in Robert Gordon's College

(Signed)

SCOTTISH METEOROLOGICAL SOCIETY.

Observations taken at Gordon's College, Aberdeen, County of Aberdeen, in Lat. 57°9' N., Long. 2°6' W., Distance from Sea 1 miles.
Height of Cistern of the Barometer above Mean Sea-Level 66 feet, above Ground 22 feet. During the MONTH of February 1895.

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. Max. in Sun's rays. Min. on Grass.		9 h. A.M.			9 h. P.M.		9 h. A.M.		9 h. P.M.		9 h. A.M.														
		Barometer.	Attached Thermometer.	Barometer.	Attached Thermometer.	Max. No.	Min. No.	Max. in Sun's rays.	Min. on Grass.	Dry bulb.	Wet bulb.		Dry bulb.	Wet bulb.	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. 8 inches.					No. 12 inches.	No. 22 inches.				
		* No.		No.		No.	No.	No.	No.						Direction.	Force.	Direction.	Force.	No.														
		inches.	°	inches.	°																												
	1	30.348	41.0	30.210	40.0	57.4	33.1			36.7	34.2	36.2	35.3	22	E.	1	S.E.	1	10	C.S.	4	cu	—							1			
	2	30.116	41.0	30.198	42.0	39.0	36.1			37.8	36.0	38.2	36.3	04	E.	1	E.	1	7	cu	—	—	3							2			
	3	30.242	41.0	30.308	42.0	39.1	33.4			37.0	35.2	36.3	34.3	02	E.	1/2	E.	1/2	8	cu	10	C.S.	—								3		
	4	30.260	41.0	30.380	35.0	39.8	32.1			36.4	35.1	34.3	33.1	01	N.	1/2	S.	1	10	C.S.	10	cu	2								4		
	5	30.430	40.0	29.920	35.0	35.4	26.2			33.4	32.0	30.2	28.8	35	E.	1	N	1	5	cu	10	st	2								5		
	6	30.720	39.0	29.812	35.0	27.9	22.8			27.0	26.0	27.1	26.2	24	S.E.	3	S.E.	1	10	cu	6	st	1								6		
	7	29.860	35.0	29.940	32.0	29.4	5.7			25.8	25.4	25.4	23.2	05	S.E.	1	S.E.	1	5	cu	6	cu	2								7		
	8	29.988	31.0	30.040	25.0	29.2	6.8			8.2	6.9	9.2	9.0	02	S.E.	1/2	S.	1/2	10	st	8	C.S.	2								8		
	9	30.064	32.0	29.990	31.0	21.2	9.2			10.5	9.6	13.2	12.4	—	S.W.	1/2	S.W.	—	3	cu	2	st	5								9		
	10	29.858	32.0	29.820	34.0	25.2	8.4			14.5	13.7	17.2	15.6	—	S.W.	1/2	S.W.	—	5	cu	2	C.S.	6								10		
	11	29.732	34.0	29.766	32.0	30.7	13.0			15.2	13.8	21.8	27.2	09	W.	—	W.	1	2	st	4	cu	4								11		
	12	29.642	34.0	29.986	30.0	33.5	10.2			27.8	27.0	26.1	25.0	—	N.W.	1	N.W.	1	4	cu	2	st	4								12		
	13	30.048	31.0	30.152	37.6	35.2	13.4			14.5	14.0	34.2	32.0	—	S.W.	1/2	S.W.	1	5	cu	2	C.S.	5								13		
	14	30.316	37.0	30.412	34.0	34.6	33.2			33.4	31.8	33.2	31.6	—	S.	1/2	S.	1	10	st	10	C.S.	2								14		
	15	30.510	38.0	30.612	38.0	37.6	15.2			35.2	34.3	36.2	33.1	—	S.E.	1	S.E.	—	8	cu	2	st	4								15		
	16	30.678	34.0	30.712	38.0	38.5	17.7			30.1	28.2	23.2	22.3	—	S.W.	1/2	S.W.	—	9	cu	6	cu	4								16		
	17	30.608	36.0	30.470	38.0	33.6	13.4			25.7	24.0	23.8	22.1	—	S.W.	1/2	S.W.	1	6	cu	1	st	6								17		
	18	30.366	30.0	30.308	34.0	31.4	11.8			14.6	14.0	18.8	18.0	—	S.W.	1	W.	1/2	10	st	6	st	7								18		
	19	30.290	28.0	30.308	31.0	33.2	14.8			14.5	13.8	24.8	23.2	—	S.W.	—	N.W.	1/2	1	st	1	st	7								19		
	20	30.298	38.0	30.308	42.0	40.7	29.0			29.1	28.4	39.2	37.5	03	S.W.	1/2	W.	1	10	C.S.	10	st	1								20		
	21	30.308	41.0	30.296	39.0	41.9	33.2			38.5	35.4	35.4	34.3	04	N.W.	1	N.W.	1/2	5	cu	1	st	4								21		
	22	30.282	41.0	30.298	45.0	41.8	37.3			38.2	37.3	39.1	38.1	—	N.W.	1/2	N.W.	1	6	cu	1	st	1								22		
	23	30.080	42.0	29.958	43.0	42.3	33.4			41.2	39.8	39.2	38.2	40	N.W.	1	N.W.	1/2	9	cu	2	st	2								23		
	24	29.828	41.0	29.970	41.0	40.4	33.2			35.3	34.2	34.1	32.1	01	N	1	N	1/2	6	cu	2	cu	2								24		
	25	30.028	38.0	29.966	37.0	40.9	32.1			34.2	33.1	33.4	31.2	—	N.W.	1/2	W	1	8	C.S.	2	cu	1								25		
	26	29.524	42.0	29.674	39.0	42.2	32.3			40.5	38.2	34.3	31.4	09	N.W.	2	N.W.	1/2	10	cu	6	cu	4								26		
	27	29.722	40.0	29.804	38.0	36.4	32.4			33.4	32.2	32.1	30.1	02	N.W.	1/2	N.W.	1/2	10	cu	1	st	1								27		
	28	29.690	41.0	29.420	43.0	47.8	30.0			37.3	34.1	41.8	39.2	—	S.W.	1/2	S.W.	1/2	9	cu	6	st	5								28		
	29																															29	
	30																																30
	31																																31
Sums.		1313.4	8	1628.12	1313.127					141.1	148.7	159.136								201		127		87									
Means.		30.100	37.1	30.106	37.0	35.6	23.2			28.8	27.5	30.1	28.6		.86	.78			7.2		4.5												
+ Total Corrections for Instru- mental Errors.		+0.06	-7	+0.06	-7																												
+ 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.	enotes meteor.
ci. cu.	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.	confined 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.
h.	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

The fall on the 23rd rain, all the other days snow.

NOTATION USED IN GENERAL REMARKS.			
a.	denote aurora.	m.	denote meteor.
ci.	" cirrus.	ms.	" meteora.
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.	sqs.	" 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 ++ = 30.085
for Temp. (Col. 2), = 30.106.....21.....30.091
"Corrected Mean" of Barometer at 9 P.M., minus the Correction ++ = 30.091
for Temp. (Col. 4), = 30.112.....21.....30.088
Mean at Station, corrected, and at 32°, = 30.088
Correction for height, feet above Mean Sea-level, = 7.5
Mean, reduced to 32°, and Sea-level, = 30.163
Highest Reading, corrected for Index error, on the 16 th, = 30.712
Lowest Do. Do., on the 28 th, = 29.420
Difference, or Monthly Range, = 1.292

S.-R. THERMOMETER, (in shade, etc.), Highest in Month, (corrected for Index Errors), on the 28 th, = 47.8
Lowest in Month, corrected for Index errors, on the 7 th, = 5.7
Difference, or Monthly Range, = 42.1
"Corrected Mean" of all the Highest, (Col. 5), = 35.6
"Corrected Mean" of all the Lowest, (Col. 6), = 23.2
Difference, or Mean Daily Range, = 12.4
** Calculated Mean Temperature of Month, = 29.4
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, =
"Corrected Mean," (Col. 8), of Black Bulb, Min. on grass, =
Difference of above means or range ("exposed"), =

HYGROMETER, Mean (corrected) A.M. and P.M. Reading of Dry Bulb, (Cols. 9 and 11), = 29.5
Mean (corrected) A.M. and P.M. Reading of Wet Bulb, (Cols. 10 and 12), = 28.0
Computed Temperature of Dew-Point, = 23.0
Do. Elastic Force of Vapour, = 1.12
Do. Weight of Vapour in a Cubic Foot of Air, =
Relative Humidity (Saturation = 100), = 75
RAIN fell on 15 Days; Amount in Inches, = 1.63

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		4	4	1	9	7	7		86	
P.M.	2		2	4	3	6	4	5		75	
Mean.	2	0	3	4	2	7	3	7	0	80	

Observations made and Return verified by James Dale, Teacher in Robert Gordon's College, Aberdeen

(Signed)

SCOTTISH METEOROLOGICAL SOCIETY.

Observations taken at Robert Gordon's College, Aberdeen, in Lat. 57° 9' N., Long. 2° 6' W., Distance from Sea 1 miles.

Height of Cistern of the Barometer above Mean Sea-Level 60 feet, above Ground 24 feet.

During the MONTH of March 1895.

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 h. 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.	Attached Thermometer.	Barometer.	Attached Thermometer.	Max.	Min.	Max. in Shade.	Min. on Grass.	Dry bulb.	Wet bulb.	Dry bulb.	Wet bulb.		No. of hours in which it fell.	Amount in inches.	Direction.	Force.	Direction.	Force.	Velocity (0-6) and Direction.	Amount (0-10) and Species.	Velocity (0-10) and Direction.	Amount (0-10) and Species.	No.			No.	No.			Temperature at 1 fathom and Density.	9 A.M.	9 P.M.	
		* No.		No.		No.	No.	No.	No.						No.													9 inches.	12 inches.			22 inches.			
		inches.	°	inches.	°	°	°	°	°	°	°	°	°		°																				
	1	29.566	42.0	29.606	38.0	42.2	27.9			40.1	36.3	31.3	28.2	—	W.	1	N.W.	1 1/2		4	cu	5	cu	4							1				
	2	29.640	39.0	29.558	41.0	33.6	25.6			30.3	29.0	25.6	25.1	17	N.W.	1/2	N.W.	1		9	cu	2	cu	5							2				
	3	29.590	39.0	29.624	40.0	34.2	26.2			32.4	31.3	32.0	32.1	19	N.W.	1 1/2	N.W.	2		6	cu	9	cu-st	2							3				
	4	29.880	38.0	29.890	37.0	37.6	32.7			33.1	32.0	34.1	32.6	12	N.W.	1	N.W.	1		6	cu	10	st	3							4				
	5	29.790	41.0	29.630	43.0	47.7	33.8			36.8	35.4	39.1	37.2	—	W	1/2	W.	1/2		5	cu	8	st	2							5				
	6	29.498	42.0	29.520	43.0	44.6	36.4			38.6	37.4	39.5	38.4	05	W	1/2	W.	1		9	ci-cu	10	st	1							6				
	7	29.644	42.0	29.614	41.0	49.8	36.8			39.8	39.0	39.7	39.0	—	W.	1/2	W	1		4	cu-st	10	st	4							7				
	8	29.620	44.0	29.598	43.0	43.8	37.3			38.8	37.3	37.4	38.2	13	S.	1	S.W.	1 1/2		10	st	—	—	1							8				
	9	29.566	42.0	29.504	41.0	43.4	35.3			39.1	38.4	38.6	37.7	—	S.W.	1	S.	1		10	st	10	st	—							9				
	10	29.424	41.0	29.432	42.0	40.8	34.3			39.4	38.0	37.1		46	N.E.	1	N.	1 1/2		10	st	10	Nim	—							10				
	11	29.460	42.0	29.474	37.0	37.8	28.8			35.2	34.1	36.4	35.1	07	N.E.	1	N.E.	1/2		10	Nim	6	ci-st	4							11				
	12	29.710	40.0	29.670	38.0	41.5	32.2			32.7	30.8	33.4	32.6	—	S.E.	1/2	S.W.	1		5	cu-st	10	st	4							12				
	13	29.960	41.0	29.950	40.0	44.4	33.3			34.2	33.1	36.2	34.3	01	S.W.	1/2	S.	—		2	st	4	st	8							13				
	14	30.010	48.0	30.064	44.0	49.2	40.3			40.5	38.2	41.3	39.3	05	S.W.	1/2	S.W.	1/2		7	st	10	st	4							14				
	15	30.108	44.0	30.120	48.0	52.7	43.2			45.3	43.1	47.4	45.2	02	S.W.	1/2	S.W.	—		4	cu	2	st	3							15				
	16	30.148	50.0	30.154	51.0	58.5	42.8			48.5	45.8	45.8	43.2	—	W.	1/2	W	1/2		4	ci-cu	1	st	9							16				
	17	30.110	50.0	30.166	48.0	54.2	39.4			49.5	45.3	42.3	38.2	—	W	1/2	S.W.	—		6	ci-cu	1	st	9							17				
	18	30.028	42.0	29.712	46.0	51.6	32.5			39.6	37.1	42.6	38.7	01	S.W.	1	S.W.	1		4	ci-cu	—	—	5							18				
	19	29.740	46.0	29.524	50.0	51.4	39.4			44.3	41.4	45.2	41.6	07	N.E.	1/2	S.E.	1/2		10	cu-st	1	st	3							19				
	20	29.790	46.0	29.890	43.0	42.1	38.2			39.8	38.9	39.5	37.8	12	S.W.	1/2	W.	3		4	cu	10	st	2							20				
	21	29.612	48.0	29.560	52.0	57.5	39.2			43.2	42.1	46.3	42.4	—	W.	1/2	N.W.	1/2		10	st	—	—	6							21				
	22	29.724	49.0	29.810	48.0	53.6	42.2			48.4	45.1	43.7	42.2	06	S.	1	S.W.	1 1/2		2	ci-cu	10	st	4							22				
	23	29.490	48.0	29.124	49.0	47.3	41.3			46.5	44.3	47.0	45.2	03	S.W.	1 1/2	S.W.	3		10	cu-st	10	st	—							23				
	24	28.792	52.0	28.808	50.0	53.4	43.0			51.4	45.8	40.3	36.5	—	S.	1	S.W.	1		5	cu	—	—	6							24				
	25	28.824	47.0	28.764	45.0	47.5	37.4			40.5	38.2	40.7	38.3	01	W.	1	W.	1		10	st	—	—	5							25				
	26	28.980	46.0	29.224	42.0	47.8	32.4			39.4	37.2	38.4	35.1	01	S.W.	1/2	E.	1/2		10	st	—	—	4							26				
	27	29.192	41.0	29.098	45.0	42.4	29.3			34.3	33.0	40.8	40.0	60	E	2 1/2	N.E.	1		6	ci-cu	—	—	—							27				
	28	28.808	46.0	28.846	45.0	40.2	37.2			39.0	38.2	40.4	40.0	96						10	Nim	10	st	—							28				
	29	28.998	46.0	29.224	48.0	41.8	34.2			40.3	40.0	40.5	39.2	21	N.	1 1/2	N.W.	1 1/2		10	st	10	st	—							29				
	30	29.482	48.0	29.494	48.0	47.3	37.7			44.4	43.2	39.8	39.0	08	N.E.	1	N.E.	1		6	ci-cu	10	st	—							30				
	31	29.474	46.0	29.578	47.0	45.4	37.3			42.2	41.2	40.8	40.1	07	N.E.	1	E.	1		10	ci-st	10	st	4							31				
Sums.		17168	13	16140	13	1415	1612			1612	169	1513	168	9		9				218	184	98													
Means.		29.564	44.3	29.567	44.3	46.0	35.7			40.2	38.4	39.5	37.7			90				7.0	5.9														
+ Total Corrections for Instru- mental Errors.		x006	-7	x006	-7																														
+ Corre- ctions 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-cn. 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																				

NOTATION USED IN GENERAL REMARKS.			
a.	denotes aurora.	m.	notes meteor.
ci.	" cirrus.	ms.	" meteors.
ci-cu.	" cirro-cumulus.	n.	" nimbus.
ci-s.	" cirro-stratus.	r.	" rain.
cu.	" cumulus.	c. h. r.	" continued heavy rain.
cu-s.	" cumulo-stratus.	s.	" stratus.
d.	" dew.	sc.	" scud.
f.	" fog.	s.	" sleet.
fr.	" frost.	so. ha.	" solar halo.
h. fr.	" hoar-frost.	sq.	" squall.
h.	" haze.	sq.	" squalls.
h. d.	" heavy dew.	t.	" thunder.
li.	" light.	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 $\frac{1}{10}$ for Temp. (Col. 2), = 29.530
 "Corrected Mean" of Barometer at 9 P.M., minus the Correction $\frac{1}{10}$ for Temp. (Col. 4), = 29.533
 Mean at Station, corrected, and at 32', = 29.532
 Correction for height, feet above Mean Sea-Level, = 74
 Mean, reduced to 32', and Sea-level, = 29.606
 Highest Reading, corrected for Index error, on the 17th, = 30.166
 Lowest Do. Do., on the 25th, = 28.764
 Difference, or Monthly Range, = 1.402

S.R. THERMOMETER, (in shade, etc.), Highest in Month, (corrected for Index Errors), on the 16th, = 58.5
 Lowest in Month, corrected for Index errors, on the 2th, = 25.6
 Difference, or Monthly Range, = 32.9
 "Corrected Mean" of all the Highest, (Col. 5), = 46.0
 "Corrected Mean" of all the Lowest, (Col. 6), = 35.7
 Difference, or Mean Daily Range, = 10.3
 ** Calculated Mean Temperature of Month, = 40.8
 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, =
 "Corrected Mean," (Col. 8), of Black Bulb, Min. on grass, =
 Difference of above means or range ("exposed"), =

HYGROMETER, Mean (corrected) A.M. and P.M. Reading of Dry Bulb, (Cols. 9 and 11), = 39.8
 Mean (corrected) A.M. and P.M. Reading of Wet Bulb, (Cols. 10 and 12), = 38.0
 ** Computed Temperature of Dew-Point, = 35.7
 ** Do. Elastic Force of Vapour, = 2.09
 ** Do. Weight of Vapour in a Cubic Foot of Air, =
 ** Relative Humidity (Saturation = 100), = 86
 RAIN fell on 22 Days; Amount in Inches, = 3.50

WIND. SUMMARY.											
Direction.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.	Mean Force.	Mean Velocity in miles per day.
A.M.	1	5	1	2	3	8	8	3		90	
P.M.	1	3	3	1	2	9	6	6		100	
Mean.	1	4	2	2	3	8	7	4	0	95	

0.90

Observations made and Return verified by James Dale, Teacher in Robert Gordon's College, Aberdeen

(Signed)

INSTRUCTIONS

FOR TAKING METEOROLOGICAL OBSERVATIONS,

WITH REMARKS ON THE USE OF INSTRUMENTS.

ONE of the chief objects that the SCOTTISH METEOROLOGICAL SOCIETY proposed to itself when the Society was established in 1863, was to secure PERFECT UNIFORMITY in the system of observation publicly at all its Stations. Uniformity in the observations is absolutely necessary to justify the publication of Monthly Reports, and to render them trustworthy. It being found that the observations taken between the Returns from two Stations, so very considerably differ in position or stationer of different instruments, it was decided to send to the Society, from those who kindly furnish Reports to the Society, some for their Monthly Returns on accuracy and the commensurate with the labour and pains involved in making them; and, for the Tables published by the Society, an entire comparableness among the several Returns, without which the Society's Reports must inevitably fail in achieving one of the main objects of Meteorological Observation.

The Council recommend that Observations be made precisely at 9 A.M. and 9 P.M. (Greenwich or Railway Time only), of the observations, of the columns of the Schedule. It is hoped that the utmost punctuality in the time of reading the instruments will be observed. Observers, in some few cases, may find this impossible; in such instances, they are specially requested to mark opposite every reading the time at which it was taken, if not at 9 A.M. or 9 P.M. Weather-Glasses and Aneroids, though well suited to indicate roughly variations of atmospheric pressure, are not fitted for scientific purposes. No Barometer should be used for Meteorological Observation that is not supplied with some means of adjustment or compensation which will secure that the height of the mercury in the tube is accurately measured from the fluctuating surface of the mercury in the cistern.

The Barometer in which the error arising from the fluctuating surface of the mercury in the cistern is entirely got rid of is FORTIN'S Barometer; the arrangement consisting in applying pressure by means of a screw to the bottom of the cistern, which is made of flexible leather, thus raising or depressing the surface till it just meets the ivory point which forms the zero point of the fixed scale.

The Barometer originally constructed by Mr. Adie of London, and usually called the Board of Trade Barometer, has the great convenience of requiring no adjustment of the cistern. Its scale is not true inches, but so much shorter as to compensate for the error that would otherwise arise from the fluctuating surface of the mercury in the cistern. This is an excellent Barometer for ordinary Observers, inasmuch as it enables in setting the instrument to the zero point of the fixed scale when the light is not good. It may be stated that one very common error, when Barometers are made, is that the zero point of the fixed scale is not correctly adjusted to the Society's Standard Barometer, particular care being given to make the comparison when atmospheric pressure was rising or falling very rapidly, with the result that none of the readings differed from those of the Standard more than 0.003 inch.

A modification of Fortin's Barometer is used as a number of the Society's Stations, by which the coincidence of the zero point with the surface of the mercury is indicated by a little ivory float, whose stem passes freely through the lid and case of the cistern. When the index-line on this little piston-rod is brought, by the adjusting screw, to form one straight line with those on its ivory frame, the surface of the mercury is then at the exact height from which the scale is graduated. In taking an observation, this preliminary setting must be made with scrupulous accuracy; as a slight error here will vitiate the readings from the vernier.

It is absolutely necessary that the Barometer which is to be used shall have been compared with a Standard Barometer.

The Barometer should be suspended in as good a light as can be secured, and to facilitate the reading, a piece of white paper may be put behind the tube. It must be hung truly perpendicular, and exposed to neither the sun's direct rays nor the heat of a fire, and must not be hung against a wall heated by a fire. The object being to secure that the whole instrument, including the brass fittings, the contained mercury, and the attached Thermometer, shall be, when read, at one uniform temperature, it is evident that the best position is that which is least liable to sudden changes of temperature.

In taking an Observation, the Attached Thermometer must be noted; the tube must then be gently tapped, and the cistern adjusted; the eye carefully made. The eye, by raising and lowering it, must be brought into the line of the index; and the index, usually so far forward as to be tangent to the convex surface of the mercury in the tube. Observers must be taken quickly, so as to prevent the heat from the observer's hands and person from affecting the mercury. The use of a lens will facilitate an accurate adjustment and reading of the Barometer. A mistake not unfrequently made by those beginning to observe, consisting in setting the edge of the vernier to the level of the clear surface of the mercury which is in direct contact with the glass tube, must be carefully avoided.

The errors most frequently made in reading the Barometer are errors of 1.000 inch, 0.500 inch, or 0.050 inch; that is to say, instead of 29.365 inches, either of the following is sometimes set down—viz. as 30.365 inches, 29.865 inches, or 29.815 inches. Experience having shown that even the very best Observers make these mistakes, particular attention is directed to the matter.

When a Barometer having adjustable surfaces has to be removed from its fastenings, the ivory peg must first be screwed so as to form a tight plug to the cistern, thus preventing the escape of the mercury. Then screw up the mercury not quite to the top of the tube, but to within a quarter of an inch of it, and take down the instrument; it should then be carried with the cistern uppermost. Before suspending the Barometer for use, it must be ascertained whether the space above the mercury in the tube is a complete vacuum; this is the case if, on inclining the instrument, a sharp tap is produced when the mercury strikes the top of the tube. If a dull tap is heard, there is air in the tube, which must be got rid of.

As Barometers are liable to be deranged by the introduction of air into their tubes, on removal from place to place, or in being roughly handled, it may be useful to Observers to know how the air may be expelled. First close up the cistern by screwing up the peg light, so as to prevent the escape of mercury; then, holding the tube vertically, insert the instrument into the top of it on a yielding substance, such as the book, gently tap to ascend through the palm of the hand, so as to induce the escape. Since there is the column of two atmospheres—the mass of air of the mercury in the Barometer, and the air outside—pressing on any air that may be inside the tube, it is usually a tedious operation to get it wholly expelled. After repeated trials, however, it is generally accomplished; and the clear metallic sound of the mercury, when gently struck against the top of the glass tube, will show when the whole of the air has been expelled. On hanging up the Barometer, care must be taken to screw down the mercury in the tube before unfasting the float of the cistern, for, if this be not attended to, the mercury will flow out, and the instrument be seriously damaged.

The Council of the Society recommend that the Self-Registering Thermometer, the aneroid, the Dry and Wet Bulb Hygrometer, be kept in Stevenson's Louvre-boarded Box for protection to the weather, as shown in the past by repeated and annoying breakages of Thermometers of similar construction; and as regards Maximum Thermometers, either Negretti and Zambra's, or Phillips's, whether they will act at the highest temperatures they may be required to register. By the laws of the Society, Members and Observers have a right to have their instruments compared by the Secretary, and to advise with him regarding the purchase of instruments. Very great care should be bestowed on the Observations of the temperature when practicable, to be taken, both the depth of the water, and of the water being noted.

Mention what Test-Papers are used, Schönbein's or Mollat's, etc. The Paper is affixed by a pin to a board in the Thermometer Box, and the indications registered at 9 A.M. and 9 P.M. It is desired that these indications be registered in connection with the force and direction of the wind at the time of observation, in the following manner:—thus 3rd, as an Ozon entry in the schedule will indicate that the Ozon paper is tinted as 3 on the scale, that the wind is from the N.W., and that its force on the scale 0—5 is 4, or blowing fresh.

Too much importance cannot be attached to the electric condition of the atmosphere in connection with terrestrial magnetism, barometrical, thermometrical, and meteorological phenomena generally. A proper Electrometer is, in truth, necessary to every complete meteorological observatory.

The Remarks column is unavoidably too narrow. Some of the most valuable Observations that can be taken are those for which no rules can be given nor hours assigned. The use of contractions ought, therefore, to be taken every advantage of, and a list of such as are in general use is given at the foot of the column. Besides special and extraordinary Observations, great prominence ought to be given in this column to Precipitant Diseases, differences in character, colour, velocity, and direction between the Lower and Upper Strata of clouds, the Colour of the Sky, etc. Remarks ought to be made on the occurrence of Meteors, Aurora Borealis, cometary displays, remarkable Red Snow, Rain, or Rain, the Frost, the State of Wind, the Direction of the Wind, the Height of Clouds, and of the Snow-line in winter should be recorded. By the use of abbreviations, the state of the weather at 9 A.M. and 9 P.M. should be registered, either in two columns, otherwise occupied, or ruled off for the purpose, from the column of 'Remarks.' Observations in connection with the Periodic Return of the Seasons, possess not only great scientific value, but are of considerable importance in connection with the Periodic Return of the Seasons, Agriculture, Horticulture, and Natural History. The Council would direct the special attention of Observers to particular species of birds, and, in the case of crops, to specified sorts reared from year to year on a selected piece of ground or farm. The Annual Table, published yearly in the Society's Journal, will indicate the species of plants and animals to which special attention is more particularly directed.

The Council recommend Observers, before purchasing new instruments, and in repairing old ones, to communicate with the Meteorological Secretary, in order that every instrument may be examined and improved before being used; and they consider it necessary that he should have full power to reject any instrument which, on being presented for comparison, does not afford him satisfaction. (By Order)

A. B.

(By Order)

Enclosure, December 1891.

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correct numbering of the scale of every instrument; the rejection of Thermometers the frameworks of which are not likely to stand exposure to the weather, as shown in the past by repeated and annoying breakages of Thermometers of similar construction; and as regards Maximum Thermometers, either Negretti and Zambra's, or Phillips's, whether they will act at the highest temperatures they may be required to register. By the laws of the Society, Members and Observers have a right to have their instruments compared by the Secretary, and to advise with him regarding the purchase of instruments. Very great care should be bestowed on the Observations of the temperature when practicable, to be taken, both the depth of the water, and of the water being noted.

Mention what Test-Papers are used, Schönbein's or Mollat's, etc. The Paper is affixed by a pin to a board in the Thermometer Box, and the indications registered at 9 A.M. and 9 P.M. It is desired that these indications be registered in connection with the force and direction of the wind at the time of observation, in the following manner:—thus 3rd, as an Ozon entry in the schedule will indicate that the Ozon paper is tinted as 3 on the scale, that the wind is from the N.W., and that its force on the scale 0—5 is 4, or blowing fresh.

Too much importance cannot be attached to the electric condition of the atmosphere in connection with terrestrial magnetism, barometrical, thermometrical, and meteorological phenomena generally. A proper Electrometer is, in truth, necessary to every complete meteorological observatory.

The Remarks column is unavoidably too narrow. Some of the most valuable Observations that can be taken are those for which no rules can be given nor hours assigned. The use of contractions ought, therefore, to be taken every advantage of, and a list of such as are in general use is given at the foot of the column. Besides special and extraordinary Observations, great prominence ought to be given in this column to Precipitant Diseases, differences in character, colour, velocity, and direction between the Lower and Upper Strata of clouds, the Colour of the Sky, etc. Remarks ought to be made on the occurrence of Meteors, Aurora Borealis, cometary displays, remarkable Red Snow, Rain, or Rain, the Frost, the State of Wind, the Direction of the Wind, the Height of Clouds, and of the Snow-line in winter should be recorded. By the use of abbreviations, the state of the weather at 9 A.M. and 9 P.M. should be registered, either in two columns, otherwise occupied, or ruled off for the purpose, from the column of 'Remarks.' Observations in connection with the Periodic Return of the Seasons, possess not only great scientific value, but are of considerable importance in connection with the Periodic Return of the Seasons, Agriculture, Horticulture, and Natural History. The Council would direct the special attention of Observers to particular species of birds, and, in the case of crops, to specified sorts reared from year to year on a selected piece of ground or farm. The Annual Table, published yearly in the Society's Journal, will indicate the species of plants and animals to which special attention is more particularly directed.

The Council recommend Observers, before purchasing new instruments, and in repairing old ones, to communicate with the Meteorological Secretary, in order that every instrument may be examined and improved before being used; and they consider it necessary that he should have full power to reject any instrument which, on being presented for comparison, does not afford him satisfaction. (By Order)

A. B.

(By Order)

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water, in cases where the observations cannot be taken daily, the observation may be made on the 5th, 15th, and 25th of each month, when convenient, extra Sea Observations might be taken for other and greater depths, noting always the Temperature of the Air, and the Hour of Observation. It is also very desirable that observations on the daily Maxima and Minima by Thermometers continuously immersed, be instituted at points along the coast, by the method proposed by Mr. Stevenson, and already commenced at Peterhead and Liverpool. The Temperature of the water at the bottom of Wells ought, when practicable, to be taken, both the depth of the water, and of the water being noted.

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SCOTTISH METEOROLOGICAL SOCIETY.

Observations taken at Gordon's College, Abdon, County of Aburdeen, in Lat. 57° 9' N, Long. 2° 6' W, Distance from Sea 1 miles.
Height of Cistern of the Barometer above Mean Sea-Level 66 feet, above Ground 24 feet. During the MONTH of April 1895.

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.	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.			9 h. A.M.		P.M.		9 h. A.M.		P.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.	Amount in inches.	Direction.	Force.	Direction.	Force.	Readings of the H. Cup Anemometer. No.	Velocity (0-10), and Direction.		Amount (0-10), and Species.	Velocity (0-10), and Direction.	Amount (0-10), and Species.										
		* No.		No.		No.	No.	No.	No.						No.																	No. 3 inches.	No. 12 inches.	No. 22 inches.	9 A.M.	P.M.
		inches.	°	inches.	°	°	°	°	°	°	°	°	°		°	°	°	°	°	°	°	°		°	°	°						°	°	°	°	°
	1	29.880	47.0	30.068	45.0	43.2	37.6			41.8	41.0	40.8	40.1			N.E.	1	N.E.	1		10	St	10	cu-st							1					
	2	30.066	47.0	29.958	46.0	50.9	38.4			44.4	40.9	45.8	40.3			N.W.	1	N.W.	1		1	St	8	cu-st	6						2					
	3	29.890	46.0	29.988	40.0	40.8	29.1			40.5	38.1	31.7	29.1			N.W.	1	N	2		10	cu	10	St							3					
	4	30.024	40.0	30.112	40.0	39.7	28.3			32.8	31.4	36.4	33.2			N.W.	2	N.W.	1/2		6	cu	9	cu-st	6						4					
	5	29.864	46.0	29.508	45.0	49.3	32.3			44.2	40.1	42.6	42.1			W.	1	W.	1		10	cu-st	10	St	2						5					
	6	28.904	52.0	29.148	46.0	54.7	39.4			52.4	47.1	36.2	31.8			S.W.	2	N	1		10	cu-st	5	ci-cu	3						6					
	7	29.344	44.0	29.520	45.0	44.3	32.5			36.2	33.4	35.3	33.0			N.W.	2	N	1/2		5	cu	3	ci-cu	9						7					
	8	29.610	45.0	29.266	45.0	45.2	32.1			43.2	38.5	43.8	43.2			S.W.	1	S.	2		3	cu	10	St	5						8					
	9	29.420	52.0	29.740	50.0	56.6	39.5			51.8	45.6	50.6	44.4			W	1 1/2	S.W.	1		2	cu	5	ci-cu	10						9					
	10	29.476	51.0	29.504	48.0	58.4	43.8			49.0	46.2	45.4	40.8			S.	1	S.W.	1 1/2		9	cu			8						10					
	11	30.094	50.0	30.296	45.0	50.6	36.2			45.5	43.0	40.2	38.0			N.W.	1	N	1		6	cu	1	St	7						11					
	12	30.274	48.0	30.190	46.0	54.9	37.2			45.6	42.2	42.8	41.4			N.W.	1	E.	1		2	cu	10	St	5						12					
	13	30.348	46.0	30.376	48.0	47.8	35.3			44.3	40.8	42.3	38.7			S.E.	1	S.	1/2		5	cu			11						13					
	14	30.362	49.0	30.330	50.0	54.6	32.3			48.0	45.3	49.8	38.7			S.		S.E.	1/2		4	cu			12						14					
	15	30.304	48.0	30.216	46.0	46.4	35.4			41.0	40.3	41.0	40.0			S.E.	1/2	E.	1/2		10	cu	10	St	5						15					
	16	30.110	42.0	29.978	45.0	46.5	29.4			41.2	39.0	42.3	41.0			E.		E.	1		6	cu	10	St	8						16					
	17	29.862	45.0	29.720	42.0	41.4	37.2			39.1	38.2	40.2	39.8			E.	1	S.E.	1		10	cu-st	10	cu-st							17					
	18	29.678	47.0	29.566	46.0	52.3	37.4			43.8	42.1	43.9	42.5			S.	1/2	S.E.	1		5	ci-cu	7	ci-cu	6						18					
	19	29.580	49.0	29.766	50.0	55.6	42.2			48.1	46.2	49.2	47.6			S.E.		S.E.	1/2		4	cu	2	cu	4						19					
	20	29.862	55.0	29.810	51.0	58.4	43.6			54.2	49.8	46.7	45.1			S.	1	S.	1		6	ci-cu			11						20					
	21	29.712	50.0	29.624	53.0	55.4	43.3			49.8	47.3	49.3	46.0			S.	1	S.	1 1/2		6	cu	7	cu-st	6						21					
	22	29.704	52.0	29.508	52.0	57.4	42.8			51.0	48.6	50.8	48.9			S.	1	S.	1 1/2		6	ci-cu	7	cu-st	4						22					
	23	29.370	51.0	29.506	53.0	62.8	44.8			48.4	47.8	51.4	47.3			S.	1	S.	1/2		10	St	5	ci-st	7						23					
	24	29.556	52.0	29.510	48.0	55.3	42.7			51.8	48.2	49.3	48.0			S.	1/2	S.	1		7	cu	10	Nim	7						24					
	25	29.472	52.0	29.460	50.0	56.8	44.2			51.2	47.6	48.2	45.8			S.	1/2	N.E.	1		4	cu	5	St	6						25					
	26	29.336	46.0	29.520	47.0	47.6	45.2			47.3	46.2	44.8	44.0			N.E.	1	E.			10	St	10	St							26					
	27	29.724	49.0	29.698	50.0	49.7	42.8			45.8	45.1	45.2	44.3			N.E.	1	N	1/2		10	St	10	St							27					
	28	29.974	50.0	30.060	51.0	51.8	41.4			46.4	44.9	47.6	45.8			S.	1	S.	1 1/2		5	cu	2	cu	8						28					
	29	30.026	50.0	29.958	48.0	52.4	42.6			43.7	43.3	45.6	44.2			S.	1	S.	1		10	St	10	St	1						29					
	30	30.070	52.0	29.970	49.0	57.7	41.7			52.4	45.8	47.8	44.1			S.W.	1/2	S.E.	1 1/2		4	cu	8	cu-st	9						30					
	31																															31				
Sums.		1415.4	12	1613.10	12	1616	1412			1312	1511	1315	1310		6		3		7		196	194	166													
Means.		29.797	48.4	29.812	47.4	51.4	38.3			45.8	43.1	43.9	41.6				.93		.97		6.5	6.5														
+ Total Corrections for Instru- mental Errors.		+0.06	-7	+0.06	-7																															
+ Correc- tions 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.	enotes meteor.		
ci.	cirrus.	ms.	meteors.		
ci-cn.	cirro-cumulus.	n.	nimb.		
ci-s.	cirro-stratus.	p.	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.	w.	wind.		
lu. ha.	lunar halo.	g.	gale of wind.		

TABLE FOR ESTIMATING FORCE OF WIND.					
Estimated Force, 0-5.	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.	enotes 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.	so.	" snow.
h.	" haze.	so. ha.	" solar halo.
h. d.	" heavy dew.	sq.	" squall.
hl.	" hail.	sjs.	" 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), = 29.750
"Corrected Mean" of Barometer at 9 P.M., minus the Correction $\frac{1}{2}$ for Temp. (Col. 4), = 29.768
Mean at Station, corrected, and at 32' = 29.759
Correction for height, feet above Mean Sea-level, = 1.7
Mean, reduced to 32', and Sea-level, = 29.832
Highest Reading, corrected for Index error, on the 30 th, = 30.376
Lowest Do. Do., on the 6 th, = 28.904
Difference, or Monthly Range, = 1.472

S.-R. THERMOMETER, (in shade, etc.), Highest in Month, (corrected for Index Errors), on the 23 th, = 62.8
Lowest in Month, corrected for Index errors, on the 4 th, = 28.3
Difference, or Monthly Range, = 34.5
"Corrected Mean" of all the Highest, (Col. 5), = 57.4
"Corrected Mean" of all the Lowest, (Col. 6), = 38.3
Difference, or Mean Daily Range, = 13.1
** Calculated Mean Temperature of Month, = 44.8
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, =
"Corrected Mean," (Col. 8), of Black Bulb, Min. on grass, =
Difference of above means or range ("exposed"), =

HYGROMETER, Mean (corrected) A.M. and P.M. Reading of Dry Bulb, (Cols. 9 and 11), = 44.8
Mean (corrected) A.M. and P.M. Reading of Wet Bulb, (Cols. 10 and 12), = 42.4
Computed Temperature of Dew-Point, = 39.5
Do. Elastic Force of Vapour, = 243
Do. Weight of Vapour in a Cubic Foot of Air, =
Relative Humidity (Saturation = 100), = 82
RAIN fell on 15 Days; Amount in Inches, = 1.51

WIND.	SUMMARY.									
	Direction.	N	NE	E	SE	S	SW	W	NW	Mean Force.
A.M.		1	3	2	3	11	3	3	4	.93
P.M.		3	2	4	3	9	2	1	2	.97
Mean.		3	3	3	4	10	2	2	3	.95

0.90

Observations made and Return verified by James Dale, Teacher in Robert Gordon's College

(Signed)

SCOTTISH METEOROLOGICAL SOCIETY.

Observations taken at Gordon's College, Aberdeen, County of Aberdeen, in Lat. 57° 9' N., Long. 2° 6' W., Distance from Sea 1 miles.

Height of Cistern of the Barometer above Mean Sea-Level 66 feet, above Ground 24 feet.

During the MONTH of May 1895.

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 occurrences 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 h. A.M.		9 h. P.M.			9 h. A.M.		9 h. P.M.											
		Barometer. * No.	Attached Thermometer.	Barometer. No.	Attached Thermometer.	Max. No.	Min. No.	Max. in Sun/away No.	Min. on Grass. No.	Dry bulb.	Wet bulb.	Dry bulb.	Wet bulb.		No. of hours in which it fell.	No.	Direction.	Force.	Direction.	Force.	Readings of the H. Cup Anemometer. No.	9 h. A.M.		Velocity (0-10), and Species.	P.M.	Amount (0-10), and Species.		No. 3 inches.	No. 12 inches.				No. 22 inches.	Temperature of Well at depth of feet, No.	Temperature and Density of Air, No.	9 A.M.	9 P.M.
		inches.	°	inches.	°	°	°	°	°	°	°	°	°		°	No.	°	°	°	°	°	°		°	°	°		°	°				°	°	°	°	°
	1	29.440	51.0	30.188	48.0	55.6	45.1			49.4	44.1	43.2	38.1								4	ci-cu	—	—	10								1				
	2	30.432	52.0	30.544	52.0	57.8	39.3			50.8	44.2	49.5	46.8	1	S.W.	1	S.W.	1			5	ci-st	6	cu	8								2				
	3	30.596	52.0	30.608	49.0	55.8	40.2			51.3	48.0	41.8	41.1	2	W.	1	N.W.	1/2			4	ci.	10	st	10								3				
	4	30.556	48.0	30.486	49.0	47.4	38.9			44.3	42.0	44.1	43.2	3	N	1/2	N	1			10	cu-st	10	cu	2								4				
	5	30.504	51.0	30.534	52.0	54.5	40.4			50.3	46.4	46.3	43.1	4	S	1 1/2	S.	1/2			5	ci-cu	10	cust	8								5				
	6	30.544	53.0	30.560	51.0	56.7	37.3			50.8	50.9	47.1	46.3	5	S	1 1/2	S.	1/2			2	ci	—	—	14								6				
	7	30.548	53.0	30.420	51.0	61.2	38.2			51.8	50.2	46.7	45.2	6	S	1/2	S.E.	1			1	ci	—	—	14								7				
	8	30.296	53.0	30.186	52.0	55.0	38.8			51.2	48.1	46.9	45.4	7	S.E.	1/2	E.	1/2			—	—	1	st	10								8				
	9	30.116	53.0	30.020	53.0	59.4	41.3			50.3	48.0	44.2	47.3	8	S.E.	1 1/2	S.	1			8	cu-st	10	cu-st	8								9				
	10	30.008	54.0	30.080	53.0	60.3	46.3			51.4	50.1	54.2	47.8	9	S.E.	1	S.	1/2			9	cu	10	cu-st	4								10				
	11	30.160	59.0	30.210	56.0	62.3	48.4			50.8	50.3	51.6	48.2	10	S	1/2	E.	1/2			4	ci-cu	2	ci	13								11				
	12	30.236	53.0	30.190	54.0	58.2	45.3			54.5	53.1	50.9	50.0	11	S	1	S.E.	1/2			6	cu-st	10	st	5								12				
	13	30.180	59.0	30.254	56.0	66.2	48.8			62.3	56.8	48.5	47.9	12	S.E.	1	S	—			4	cu-st	7	cu-st	8								13				
	14	30.120	53.0	30.058	57.0	64.8	48.4			54.1	52.7	50.7	48.5	13	S.W.	1/2	S.	1/2			10	st	10	cu-st	6								14				
	15	29.928	53.0	29.960	51.0	55.4	43.7			53.8	52.4	43.6	40.2	14	S.W.	1	W.	1			10	cu-st	10	cu-st	6								15				
	16	29.908	49.0	29.856	47.0	44.3	39.2			43.8	34.5	39.2	37.2	15	N.W.	2	N.E.	1/2			10	st	10	st	1								16				
	17	29.790	45.0	29.814	50.0	42.3	36.4			39.1	36.3	41.3	39.2	16	N.	2	N	2			10	cu	8	st	6								17				
	18	29.790	47.0	29.808	50.0	54.8	37.4			45.3	44.2	42.5	40.7	17	N.	1 1/2	N	1/2			10	cu-st	10	cu	26								18				
	19	29.818	47.0	29.840	49.0	50.2	41.8			43.7	41.2	43.4	41.5	18	N.W.	1 1/2	N.W.	1			10	st	10	st	20								19				
	20	29.768	50.0	29.886	51.0	47.6	40.7			44.8	44.2	44.2	43.0	19	N.	2	N.	1 1/2			7	cu	10	st	20								20				
	21	29.854	52.0	29.862	52.0	56.2	41.7			51.4	50.2	46.0	45.2	20	N.	1	N.	1/2			5	cu	6	st	5								21				
	22	29.886	52.0	29.870	52.0	61.8	40.8			51.8	50.1	47.5	46.0	21	N.	1	E.	1			8	cu-st	4	st	10								22				
	23	29.970	53.0	29.928	53.0	62.4	44.3			52.8	51.3	49.8	47.5	22	S.W.	1/2	S.E.	—			4	st	10	st	69								23				
	24	29.934	51.0	29.960	51.0	51.1	42.3			49.3	48.0	48.8	43.0	23	E.	1/2	E.	1/2			10	st	10	st	6								24				
	25	30.004	52.0	29.978	51.0	49.0	42.7			44.9	42.0	47.8	47.0	24	E.	1/2	E.	1			3	st	2	st	5								25				
	26	30.104	55.0	30.236	55.0	62.7	44.1			61.8	52.0	51.1	49.2	25	S.E.	1	S.E.	1			5	ci	1	st	14								26				
	27	30.274	57.0	30.228	56.0	67.3	44.8			62.1	53.0	60.4	54.2	26	E.	1/2	S.E.	1/2			4	ci	3	st	15								27				
	28	30.224	59.0	30.108	60.0	72.2	50.7			61.8	56.7	57.6	52.2	27	S.	1	S.	1/2			4	ci	5	ci-cu	15								28				
	29	30.070	61.0	30.046	58.0	70.1	51.4			60.2	54.3	53.2	47.3	28	S.W.	1/2	S.	1/2			5	ci	8	ci-cu	10								29				
	30	29.952	52.0	29.820	54.0	53.8	44.3			51.3	49.0	50.2	49.1	29	W	1/2	E	1/2			10	st	10	st	2								30				
	31	29.768	54.0	29.714	55.0	62.4	46.8			53.4	51.8	52.4	50.1	30	E	1/2	S.E.	1/2			6	ci-cu	9	cu	8								31				
	31	29.768	54.0	29.714	55.0	62.4	46.8							31	S.E.	1/2	S.E.	1/2															31				
Sums.		16 1/2	9 1/2	16 1/2	9 1/2	22 1/2	8 1/2			58 6	12 8	14 13	16 8								193				221												
Means.		30.103	52.9	30.103	52.6	57.3	42.8			51.9	48.4	47.9	45.5								6.2				6.8												
† Total Corrections for Instru- mental Errors.		+0.06	-7	+0.06	-7																																
† Corrections for Diurnal Range.																																					
† "Cor- rected Means."		30.109	52.2	30.109	51.9																																
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 \ddagger for Temp. (Col. 2), = 30.109 63 = 30.046
 "Corrected Mean" of Barometer at 9 P.M., minus the Correction \ddagger for Temp. (Col. 4), = 30.109 63 = 30.046
 Mean at Station, corrected, and at 32°, = 30.046 74
 Correction for height, feet above Mean Sea-Level, = 74
 Mean, reduced to 32°, and Sea-level, = 30.120
 Highest Reading, corrected for Index error, on the 30 th, = 30.606
 Lowest Do. Do., on the 31 th, = 29.714
 Difference, or Monthly Range, = 0.894

S.R. THERMOMETER, (in shade, etc.), Highest in Month, (corrected for Index Errors), on the 28 th, = 72.2
 Lowest in Month, corrected for Index errors, on the 17 th, = 35.4
 Difference, or Monthly Range, = 36.8
 "Corrected Mean" of all the Highest, (Col. 5), = 57.3
 "Corrected Mean" of all the Lowest, (Col. 6), = 42.8
 Difference, or Mean Daily Range, = 14.5
 * Calculated Mean Temperature of Month, = 50.1
 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, =
 "Corrected Mean," (Col. 8), of Black Bulb, Min. on grass, =
 Difference of above means or range ("exposed"), =

HYGROMETER, Mean (corrected) A.M. and P.M. Reading of Dry Bulb, (Cols. 9 and 11), = 49.9
 Mean (corrected) A.M. and P.M. Reading of Wet Bulb, (Cols. 10 and 12), = 47.0
 †† Computed Temperature of Dew-Point, = 43.9
 †† Do. Elastic Force of Vapour, = 2.87
 †† Do. Weight of Vapour in a Cubic Foot of Air, =
 †† Relative Humidity (Saturation = 100), = 81
 RAIN fell on 11 Days; Amount in Inches, = 6.3

WIND.										SUMMARY.	
Direction.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.	Mean Force.	Mean Velocity in miles per day.
A.M.	6	4	6	6	5	2	2			97	
P.M.	5	1	6	7	8	1	1	2		89	
Mean.	5	1	5	6	7	3	2	2	0	83	

0.69

Observations made and Return verified by James Dale, Teacher in Robert Gordon's College, Abdu

(Signed)

SCOTTISH METEOROLOGICAL SOCIETY.

Observations taken at Gordon's College, Aberdeen County of Aberdeen, in Lat. 57° 9' N, Long. 2° 6' W, Distance from Sea 1 miles.

Height of Cistern of the Barometer above Mean Sea-Level 66 feet, above Ground 2.5 feet.

During the MONTH of June 1895.

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. <i>Mention the hour at which Storms, including Thunder and Lightning, begin and end.</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.	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.	No.					No.	
		* No.		No.		No.	No.	No.	No.						No.											9 inches.					12 inches.	22 inches.
		inches.	°	inches.	°	°	°	°	°	°	°	°	°		°	No.										°					°	°
	1	29.812	60.0	29.910	60.0	66.3	44.7	1	61.4	55.4	55.1	51.8	—	S	1	S	1	3	ci	2	ci	15								1		
	2	30.008	57.0	30.096	56.0	57.2	46.2	2	55.2	53.2	51.3	50.0	—	N.E.	1/2	N.E.	—	10	ci	10	st	2								2		
	3	30.206	57.0	30.210	55.0	60.1	48.4	3	56.0	52.3	51.8	50.0	—	N.E.	1/2	N.E.	1	2	ci	6	ci	13									3	
	4	30.232	57.0	30.336	56.0	61.1	50.7	4	57.2	52.5	52.9	52.0	—	S.E.	1/2	S.E.	1	6	ci	10	ci	12									4	
	5	30.456	56.0	30.466	57.0	61.9	45.8	5	61.1	50.7	52.9	49.3	—	N.W.	1	E.	1/2	3	ci	3	ci	14									5	
	6	30.448	59.0	30.410	60.0	69.9	41.3	6	65.3	58.2	62.5	53.8	—	E.	1	S.E.	—	1	ci	1	ci	16									6	
	7	30.318	63.0	30.224	64.0	72.8	52.6	7	67.3	59.0	56.8	53.2	—	S.	1/2	S.	1/2	1	ci	6	ci	13									7	
	8	30.154	66.0	30.036	62.0	70.6	53.4	8	61.5	52.8	53.4	52.6	—	S	1/2	S.E.	1/2	6	ci	1	st	12									8	
	9	29.910	62.0	29.860	62.0	65.2	49.3	9	62.3	54.3	54.2	48.1	—	S.	1	S.W.	1/2	9	ci	8	ci	3									9	
	10	29.850	62.0	29.820	62.0	69.3	47.2	10	54.2	46.1	45.3	44.1	—	W.	1	W	—	3	ci	5	ci	12									10	
	11	29.780	61.0	29.818	57.0	58.4	44.3	11	49.0	44.2	45.2	42.1	—	N.W.	1/2	N.W.	1	7	ci	9	Nim	2									11	
	12	29.970	56.0	30.108	57.0	54.3	40.2	12	51.3	44.2	46.2	42.1	—	W	1	W	—	8	ci	5	ci	6									12	
	13	30.086	56.0	30.110	56.0	55.3	39.2	13	50.2	43.6	44.2	42.0	—	N.E.	1	N	1/2	5	ci	10	ci	3									13	
	14	30.120	52.0	30.208	52.0	56.0	41.5	14	45.1	50.2	52.3	47.3	—	N.W.	1	N	1	9	ci	1	st	6									14	
	15	30.182	53.0	30.070	54.0	57.2	38.4	15	54.3	49.4	49.0	44.1	—	N	1	N	1/2	10	Nim	2	ci	6									15	
	16	29.970	55.0	29.966	56.0	55.6	46.5	16	49.9	47.0	47.8	45.2	—	N.W.	1/2	S	1/2	10	ci	10	st	1									16	
	17	29.924	55.0	29.824	56.0	53.8	42.7	17	47.2	46.3	47.8	45.9	—	E.	1	E.	1	10	Nim	10	ci	—									17	
	18	29.720	55.0	29.710	57.0	54.2	44.8	18	49.6	48.0	49.2	47.7	—	E	1/2	E	—	10	ci	5	ci	3									18	
	19	29.658	53.0	29.760	55.0	56.2	44.9	19	53.4	51.2	53.4	51.8	—	S.E.	1	E	—	4	ci	10	ci	6									19	
	20	29.896	55.0	30.024	56.0	63.4	39.3	20	57.0	50.2	58.1	51.4	—	S.W.	1/2	S.W.	1	6	ci	4	st	7									20	
	21	30.092	61.0	30.126	60.0	62.2	46.3	21	60.4	53.2	59.8	52.6	—	N.W.	1	N.W.	1/2	3	ci	5	ci	12									21	
	22	30.228	59.0	30.396	57.0	74.1	55.2	22	61.2	52.3	59.7	53.1	—	N.	1	N.	1	4	ci	6	ci	11									22	
	23	30.324	61.0	30.408	60.0	63.4	48.6	23	52.2	48.3	51.8	47.5	—	N.	1	N	1/2	10	ci	6	ci	4									23	
	24	30.448	55.0	30.486	54.0	62.6	40.5	24	53.4	48.2	52.6	47.8	—	S.E.	1	E.	1/2	7	ci	5	st	7									24	
	25	30.392	57.0	30.284	56.0	61.4	41.2	25	53.7	54.3	56.8	51.9	—	S	1	S	1	6	ci	3	st	10									25	
	26	30.124	58.0	29.982	57.0	66.3	53.5	26	57.3	54.8	56.1	54.3	—	S.E.	1	E.	1/2	10	Nim	7	ci	4									26	
	27	29.678	56.0	29.834	55.0	65.1	55.4	27	57.7	54.3	56.9	53.5	—	S	1/2	S.	1/2	10	st	9	ci	5									27	
	28	29.780	57.0	29.702	56.0	59.4	53.1	28	57.5	54.2	58.2	53.4	—	S.W.	1	S.	1/2	5	ci	9	ci	3									28	
	29	29.464	57.0	29.432	55.0	64.2	48.3	29	58.3	54.1	57.6	53.4	—	S	1/2	S	1	7	ci	5	ci	6									29	
	30	29.446	55.0	29.586	57.0	66.2	51.4	30																							30	
	31							31																								31
Sums.		1516.1	14	1412.11	13	1510	1412		1410	139	1614	1111						10		11		10										
Means.		30.038	57.6	30.041	57.0	62.0	46.5		56.2	51.2	53.5	49.3						6.5		6.1												
+ Total Corrections for Instrumental Errors.		+0.06	-0.7	+0.06	-0.7																											
+ Corrections for Diurnal Range.																																
"Corrected Means."		30.044	56.9	30.046	56.3																											
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-cn.	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.	snow.	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

NOTATION USED IN GENERAL REMARKS.

a.	denotes aurora.	m.	enotes 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.	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. 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 $\frac{1}{10}$ for Temp. (Col. 2), = 29.968

* Corrected Mean of Barometer at 9 P.M., minus the Correction $\frac{1}{10}$ for Temp. (Col. 4), = 29.971

Mean at Station, corrected, and at 32°, = 29.970

Correction for height, feet above Mean Sea-level, = 72.92

Mean, reduced to 32°, and Sea-level, = 30.042

Highest Reading, corrected for Index error, on the 24th, = 30.504

Lowest Do. Do., on the 29th, = 29.498

Difference, or Monthly Range, = 1.006

S.-R. THERMOMETER, (in shade, etc.), Highest in Month, (corrected for Index Errors), on the 22th, = 74.1

Lowest in Month, corrected for Index errors, on the 15th, = 38.4

Difference, or Monthly Range, = 35.7

"Corrected Mean" of all the Highest, (Col. 5), = 62.0

"Corrected Mean" of all the Lowest, (Col. 6), = 46.5

Difference, or Mean Daily Range, = 15.5

** Calculated Mean Temperature of Month, = 54.3

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, =

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

Difference of above means or range ("exposed"), =

HYGROMETER, Mean (corrected) A.M. and P.M. Reading of Dry Bulb, (Cols. 9 and 11), = 54.8

Mean (corrected) A.M. and P.M. Reading of Wet Bulb, (Cols. 10 and 12), = 50.2

** Computed Temperature of Dew-Point, = 45.8

** Do. Elastic Force of Vapour, = 308

** Do. Weight of Vapour in a Cubic Foot of Air, =

** Relative Humidity (Saturation = 100), = 71

RAIN fell on 14 Days; Amount in Inches, = 1.83

fell on 14 Days; Amount in Inches,										=	1.83
WIND.		SUMMARY.									
Direction.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.	Mean Force.	Mean Velocity in miles per day.
A.M.	4	3	3	4	7	2	3	4	—	5.66	
P.M.	6	2	6	3	7	2	2	2	—	0.58	
Mean.	5	2	5	4	7	2	2	3	—	0.73	

SCOTTISH METEOROLOGICAL SOCIETY.

Observations taken at Robert Gordon's College, Aberdeen, in Lat. 57°9' N, Long. 2°6' W, Distance from Sea 1 miles.

Height of Cistern of the Barometer above Mean Sea-Level 66 feet, above Ground 2.5 feet.

During the MONTH of August 1895.

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 h. A.M.		P.M.		9 h. A.M.		P.M.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
		Barometer.	Attached Ther- mometer	Barometer.	Attached Ther- mometer	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.	Direction.	Force.	Direction.	Force.	Readings of the H. Cup Anemometer. No.	Velocity (0-6) and Direction.	Amount (0-10), and Species.	Velocity (0-10), and Direction.	Amount (0-10), and Species.	No.	No.	No.	Thermometers of Wet Bulb. No.	Thermometers of Dry Bulb. No.	Thermometers of Air No.		Thermometers of Soil No.	Thermometers of Water No.	Thermometers of Ice No.	Thermometers of Snow No.	Thermometers of Frost No.	Thermometers of Rain No.	Thermometers of Wind No.	Thermometers of Lightning No.	Thermometers of Thunder No.	Thermometers of Hail No.	Thermometers of Meteors No.	Thermometers of Diseases No.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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NOTATION USED IN GENERAL REMARKS.			
a.	denotes aurora.	m.	denotes meteor.
ci.	cirrus.	ms.	meteora.
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.	so. ha.	solar halo.
h.	haze.	sq.	squall.
hl.	hall.	sq.	squalls.
li.	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 ++ = 29.659
 for Temp. (Col. 2), = 2.746.....28.7.....
 "Corrected Mean" of Barometer at 9 P.M., minus the Correction ++ = 29.644
 for Temp. (Col. 4), = 2.731.....28.7.....
 Mean at Station, corrected, and at 32'.....29.652
 Correction for height, feet above Mean Sea-level,.....72
 Mean, reduced to 32', and Sea-level,.....29.724
 Highest Reading, corrected for Index error, on the 15th th,.....30.164
 Lowest Do. Do., on the 4th th,.....29.256
 Difference, or Monthly Range,.....0.908

S.-R. THERMOMETER, (in shade, etc.), Highest in Month, (corrected for Index Errors), on the 17th th,.....74.9
 Lowest in Month, corrected for Index errors, on the 7th th,.....46.2
 Difference, or Monthly Range,.....30.7
 "Corrected Mean" of all the Highest, (Col. 5),.....64.4
 "Corrected Mean" of all the Lowest, (Col. 6),.....51.8
 Difference, or Mean Daily Range,.....12.6
 ** Calculated Mean Temperature of Month,.....58.1
 S.-R. THERMOMETER, Black Bulb in Sun, Highest, (corrected for Index Errors), on the.....—
 "Corrected Mean," (Col. 7), of Black Bulb, Max. in Sun,.....—
 Lowest at Night, Black Bulb (corrected for Index errors), on the.....—
 "Corrected Mean," (Col. 8), of Black Bulb, Min. on grass,.....—
 Difference of above means or range ("exposed"),.....—

HYGROMETER, Mean (corrected) A.M. and P.M. Reading of Dry Bulb, (Cols. 9 and 11),.....57.6
 Mean (corrected) A.M. and P.M. Reading of Wet Bulb, (Cols. 10 and 12),.....55.1
 ** Computed Temperature of Dew-Point,.....52.9
 ** Do. Elastic Force of Vapour,.....401
 ** Do. Weight of Vapour in a Cubic Foot of Air,.....—
 ** Relative Humidity (Saturation = 100),.....84
 RAIN fell on /8 Days; Amount in Inches,.....3.35

WIND.										SUMMARY.		
Direction.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.	Mean Force.	Mean Velocity in miles per day.	
A.M.	0	3	0	11	4	4	0	3	0	0.79		
P.M.	1	3	0	4	4	8	3	2	0	0.66		
Mean.	1	3	0	9	4	7	2	2	0	0.725	0.51	

SCOTTISH METEOROLOGICAL SOCIETY.

Observations taken at Gordon's College, Abertree, County of Aberdeen, in Lat. 57° 9' N., Long. 2° 6' W., Distance from Sea 1 miles.Height of Cistern of the Barometer above Mean Sea-Level 66 feet, above Ground 24 feet.During the MONTH of September 1895.

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.										
		Barometer.	Attached Thermometer.	Barometer.	Attached Thermometer.	Max.	Min.	Max. in Sun/shade.	Min. on Grass.	Dry bulb.	Wet bulb.		Dry bulb.	Wet bulb.	No. of hours in which it fell.	Amount in inches.	Direction.	Force.	Direction.	Force.		Velocity (0-10), and Species.	Amount (0-10), and Species.	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.	No.
		inches.	°	inches.	°	°	°	°	°	°	°		°	°	°	°	°	°	°	°		°	°	°					°	°	°	°	°	°
	1	29.812	60.0	29.870	61.0	70.0	54.7			60.8	57.1	60.3	56.4	—	S.W.	1½	S.W.	1	5	ci-cu	1	st	10							1				
	2	29.854	61.0	29.780	60.0	68.4	53.2			59.6	56.8	56.7	55.2	—	S.W.	½	S.W.	1	7	ci-cu	1	st	11							2				
	3	29.756	62.0	29.848	62.0	70.2	45.8			60.2	58.2	56.7	51.2	—	S.W.	1	S.W.	½	10	st	8	ci-st	7							3				
	4	29.870	59.0	29.830	59.0	59.2	49.7			56.5	52.2	54.3	51.4	.08	S.W.	½	W.	1	8	ci-cu	8	ci-cu	3							4				
	5	29.884	59.0	29.898	60.0	59.7	44.05			55.3	53.0	54.6	53.4	.01	S.W.	½	W.	1	8	ci-cu	7	ci-cu	3							5				
	6	30.046	58.0	30.080	57.0	59.5	52.1			52.5	49.4	54.7	52.3	.24	W.	½	S.E.	1	3	ci-cu	2	ci-cu	10							6				
	7	29.808	60.0	29.968	61.0	72.8	54.7			57.6	57.0	58.6	54.7	.01	S.W.	1	S.W.	½	10	cu	4	ci-cu	4							7				
	8	30.068	60.0	30.078	60.0	63.4	45.2			58.7	53.4	53.7	53.2	.02	S.W.	1	S.W.	½	5	cu	10	st	3							8				
	9	30.008	59.0	29.816	60.0	66.7	55.1			57.8	54.1	58.6	57.1	.06	S.	1	S.	½	6	ci-cu	6	ci	5							9				
	10	29.626	61.0	29.384	60.0	61.8	50.4			60.6	59.5	53.6	53.2	—	S.	½	S.	1½	5	ci-cu	—	—	7							10				
	11	29.120	59.0	29.510	59.0	61.5	50.8			56.7	53.5	55.4	53.2	.19	S.W.	2	W.	1	8	ci-st	10	Nim	4							11				
	12	29.676	59.0	29.946	58.0	58.8	47.1			53.7	49.9	49.7	47.2	.05	N.W.	1½	N.W.	1	5	ci-cu	10	st	3							12				
	13	30.144	56.0	30.240	57.0	58.7	45.4			50.2	47.8	49.8	47.4	—	N.W.	1½	N.W.	½	10	st	—	—	6							13				
	14	30.178	58.0	30.242	59.0	60.8	49.4			53.5	53.2	54.2	53.6	—	W.	½	S	—	10	ci-st	4	ci-st	6							14				
	15	30.270	59.0	30.210	58.0	60.6	45.3			56.8	54.2	54.8	52.3	—	S.	½	S	—	10	ci-st	2	st	4							15				
	16	30.080	57.0	30.040	60.0	67.6	51.3			53.7	49.2	54.2	52.4	.07	S.W.	½	S	½	4	ci-st	10	Nim	2							16				
	17	29.920	58.0	29.808	59.0	57.8	52.6			54.1	53.3	53.7	53.2	.34	S.	1	N.E.	½	10	Nim	10	st	—							17				
	18	29.630	58.0	29.908	59.0	67.4	44.8			55.4	54.9	51.3	47.4	.01	S	—	S.	2	10	st	8	st	4							18				
	19	30.086	57.0	30.318	58.0	60.4	51.2			55.4	50.5	49.8	45.1	—	W.	1	N.W.	½	6	st	10	st	7							19				
	20	30.340	55.0	30.330	56.0	57.8	43.5			50.4	45.3	48.8	44.8	—	W	½	W.	1	10	st	1	st	2							20				
	21	30.248	57.0	30.236	57.0	63.2	50.3			54.9	49.7	54.3	51.2	—	S.W.	1	S.W.	½	5	ci-cu	2	ci-cu	6							21				
	22	30.222	58.0	30.194	59.0	65.8	40.1			56.7	52.8	54.1	50.6	—	W.	1	W.	1	5	ci-st	1	st	8							22				
	23	30.130	58.0	30.184	58.0	64.2	43.3			47.8	47.0	47.4	46.8	—	S.W.	—	S.E.	½	1	st	1	st	10							23				
	24	30.132	58.0	30.122	61.0	67.8	53.2			48.5	47.2	53.4	53.3	.01	S.	½	S.	—	2	st	10	st	8							24				
	25	30.126	60.0	30.120	64.0	73.8	53.7			60.2	58.6	60.9	60.1	.01	S.	—	S.	½	10	ci-st	2	st	8							25				
	26	30.138	64.0	30.180	63.0	67.8	51.3			61.7	60.8	60.7	58.0	—	S.W.	1	S.	½	5	ci-cu	2	st	3							26				
	27	30.212	60.0	30.240	61.0	71.7	54.2			56.9	53.8	60.5	58.4	—	S.W.	½	S.	1	8	st	4	st	8							27				
	28	30.244	61.0	30.290	63.0	64.3	54.1			56.7	55.4	59.4	57.5	—	W.	1	W.	½	10	ci-st	10	ci-st	3							28				
	29	30.226	62.0	30.160	61.0	62.5	47.5			56.4	54.3	55.8	53.6	—	S.W.	½	S.W.	—	8	ci-st	10	st	5							29				
	30	30.068	59.0	29.870	60.0	67.3	51.7			56.3	55.1	56.5	55.9	—	S.W.	½	S.W.	½	3	ci-cu	5	ci-cu	9							30				
	31																														31			
Sums.		1012	15	1349	13	1516	1212			1516	162	1617	1311	5	8	7			207	159	169													
Means.		29.994	58.9	30.022	59.7	64.4	49.8			56.0	53.3	55.1	52.7		77	88			6.9	5.3	5.6													
+ Total Corrections for Instrumental Errors.		+0.06	-7	+0.06	-7																													
+ Corrections for Diurnal Range.		+0.16		+0.16																														
"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.	enotes 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.		
f.	" fog.	s.	" stratus.		
d.	" dew.	so.	" scud.		
fr.	" frost.	s.	" sleet.		
h. fr.	" hoar-frost.	s. ha.	" 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

NOTATION USED IN GENERAL REMARKS.

a.	denotes aurora.	m.	enotes meteor.
ci.	cirrus.	ms.	meteors.
ci-on.	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.
li.	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), = 29.909
Corrected Mean" of Barometer at 9 P.M., minus the Correction $\frac{1}{10}$ for Temp. (Col. 4), = 29.934
Mean at Station, corrected, and at 32", = 29.932
Correction for height, feet above Mean Sea-level, = 72
Mean, reduced to 32", and Sea-level, = 30.004
Highest Reading, corrected for Index error, on the 20th, = 30.340
Lowest Do. Do., on the 11th, = 29.120
Difference, or Monthly Range, = 1.220

S-R. THERMOMETER, (in shade, etc.), Highest in Month, (corrected for Index Errors), on the 25th, = 73.8
Lowest in Month, corrected for Index errors, on the 22th, = 40.1
Difference, or Monthly Range, = 33.7
"Corrected Mean" of all the Highest, (Col. 5), = 64.4
"Corrected Mean" of all the Lowest, (Col. 6), = 49.8
Difference, or Mean Daily Range, = 14.6
** Calculated Mean Temperature of Month, = 52.1
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, =
"Corrected Mean," (Col. 8), of Black Bulb, Min. on grass, =
Difference of above means or range ("exposed"), =

HYGROMETER, Mean (corrected) A.M. and P.M. Reading of Dry Bulb, (Cols. 9 and 11), = 55.6
Mean (corrected) A.M. and P.M. Reading of Wet Bulb, (Cols. 10 and 12), = 53.0
Computed Temperature of Dew-Point, = 50.6
Do. Elastic Force of Vapour, = 369
Do. Weight of Vapour in a Cubic Foot of Air, =
Relative Humidity (Saturation = 100), = 83
RAIN fell on 13 Days; Amount in Inches, = 1.40

WIND.		SUMMARY.			
Direction.	N	NE	E	SE	SW
A.M.					7
P.M.	1		2	10	8
Mean.	0	1	0	1	8

0.52

Observations made and Return verified by James Dale, Teacher in Robert Gordon's College

(Signed)

SCOTTISH METEOROLOGICAL SOCIETY.

Observations taken at Gordon's College, Aberdeen, County of Aberdeen, in Lat. 57° 9' N, Long. 2° 6' W, Distance from Sea 1 miles.
Height of Cistern of the Barometer above Mean Sea-Level 66 feet, above Ground 2.5 feet. During the MONTH of October 1895.
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 h. A.M.			9 h. P.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.	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.		Mention the hour at which Storms, including Thunder and Lightning, began and ended.			
		* No.	inches.	°	inches.	°	°	°	°	°	°		°	°	No. of hours in which it fell.	Amount in inches.	No.	No.	No.	No.		No.	No.	No.			No.	No.		No.	9 A.M.	9 P.M.	
	1	29.736	58.0	29.376	59.0	56.8	43.4	53.6	53.0	52.5	52.6	1.54	S	—	S	—	10	St	10	Nim	—										close fog 9 A.M.	1	
	2	28.930	55.0	29.266	48.0	48.0	46.8	46.2	46.9	39.8	37.5	.46	N	1 1/2	N.W.	1	10	Nim	—	—	—											2	
	3	29.120	47.0	28.902	41.0	46.3	37.1	40.2	39.0	39.4	38.1	.35	S.W.	1 1/2	S.W.	1	9	cu-st	2	cu	2											3	
	4	29.124	44.0	29.440	49.0	49.6	34.2	42.3	39.8	38.6	35.7	.05	W	2	W	1/2	3	cu-st	1	cu	8											4	
	5	29.370	56.0	29.410	57.0	57.8	37.3	52.4	46.5	44.3	43.1	—	S.W.	1	S.W.	1/2	5	cu-st	5	cu-st	8											5	
	6	29.426	53.0	29.444	52.0	55.8	41.2	47.3	45.1	48.5	46.2	.02	W	1/2	W	1	6	cu-st	2	cu	6											6	
	7	29.396	50.0	29.430	44.0	53.6	40.8	43.5	41.0	43.2	41.0	.07	W	1	W	1/2	3	cu	6	cu-st	4											7	
	8	29.420	51.0	29.474	51.0	53.6	44.8	46.5	45.7	42.9	42.1	.27	S.W.	1/2	W	1	10	cu-st	10	St	2											8	
	9	29.340	52.0	29.310	50.0	49.2	44.6	46.7	47.9	46.7	45.3	.42	N	1	N	1 1/2	10	St	10	St	—											9	
	10	29.554	48.0	29.690	50.0	49.9	41.2	45.4	42.3	45.8	42.7	.13	N	2	N.W.	1	9	cu-st	5	cu	3											10	
	11	29.880	52.0	29.620	52.0	57.8	44.6	45.8	42.2	49.2	48.0	.14	N.W.	1	N.W.	1	1	cu-st	10	St	2												11
	12	29.610	56.0	29.832	57.0	57.8	57.4	58.1	53.8	57.2	55.8	—	W	1	W	1/2	10	Nim	8	cu-st	2												12
	13	29.836	56.0	29.840	58.0	61.3	45.0	53.6	48.8	54.3	49.2	.09	W	1	S.W.	1/2	6	cu-st	2	St	6												13
	14	29.838	53.0	30.064	51.0	51.4	42.1	48.3	44.5	44.8	42.7	.39	N.W.	1	N	1/2	8	cu-st	10	St	4												14
	15	30.128	51.0	30.084	49.0	45.9	33.1	44.3	42.1	39.4	37.3	.04	E	1	N	1	10	St	10	St	—												15
	16	30.212	48.0	30.404	47.0	46.7	35.2	40.4	39.6	40.8	39.7	.02	N	1 1/2	N	1/2	8	cu	2	cu	5												16
	17	30.486	50.0	30.446	45.0	50.5	33.2	42.4	40.0	39.8	38.2	—	N.W.	1	N.W.	1/2	—	—	8	St	9												17
	18	30.424	47.0	30.348	49.0	52.7	33.8	37.7	35.4	39.6	38.4	—	W	1/2	W	1/2	2	cu	2	St	7												18
	19	30.240	51.0	30.194	53.0	59.8	35.2	49.4	46.8	41.8	39.7	.02	S.W.	1	N.W.	1	1	cu	10	St	6												19
	20	30.216	52.0	30.240	49.0	50.8	35.7	43.2	40.7	39.8	37.4	.01	N	1/2	N	1/2	5	cu-st	7	St	5												20
	21	30.100	46.0	30.020	43.0	43.8	34.2	37.8	36.2	37.8	35.0	.04	N.W.	1/2	N.W.	1	—	—	3	cu	3												21
	22	29.980	43.0	29.040	41.0	43.2	31.9	36.7	35.2	34.9	34.2	.29	N.W.	1 1/2	N	1	1	cu	10	cu	3												22
	23	29.1060	40.0	29.420	43.0	39.4	33.1	34.9	33.8	34.8	34.0	.30	N.W.	1 1/2	N.W.	2	5	cu-st	8	cu	4												23
	24	29.322	48.0	29.252	50.0	40.8	33.9	35.1	34.1	34.8	34.2	.76	N.W.	1	N.W.	1 1/2	5	cu	9	cu	2												24
	25	29.358	53.0	29.480	50.0	42.5	33.7	39.7	37.2	36.8	35.9	.04	N.W.	1	N.W.	1	6	cu-st	7	cu	2												25
	26	29.648	54.0	29.540	49.0	40.7	33.2	38.0	36.1	35.2	34.3	.40	N	1	N	1 1/2	1	cu	10	St	3												26
	27	29.556	53.0	29.620	52.0	38.6	33.4	37.6	35.6	34.9	34.2	.21	N.W.	1	N.W.	1 1/2	9	cu-st	2	cu-st	4												27
	28	29.606	47.0	29.722	45.0	39.6	32.0	31.8	31.0	34.8	34.3	.15	N.W.	—	N.W.	1	1	St	5	cu-st	5												28
	29	29.868	48.0	29.934	49.0	39.7	33.8	34.8	33.5	35.0	34.3	.14	N.W.	1/2	N.W.	1 1/2	3	cu-st	5	cu-st	2												29
	30	29.782	48.0	29.590	49.0	45.1	37.2	37.8	35.3	38.3	37.4	.04	S.W.	1/2	S.W.	1/2	10	St	10	cu-st	1												30
	31	29.924	48.0	30.284	48.0	45.2	31.2	39.4	37.2	37.1	35.2	.01	N	1	N	1	2	cu-st	5	cu-st	5												31
Sums.		16139	14	14146	15	1717	112	1715	151	187	179	10	6	8				169	194	113													
		22158	10	22566	29	27	23	9306	257	328	27	634	300	290																			
Means.		29.715	50.3	29.728	49.4	48.9	37.7	43.0	40.8	41.1	39.8		97	94				5.5	6.3														
+ Total Corrections for Instru- mental Errors.		+0.16	-7	+0.16	-7																												
+ 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		

BAROMETER, "corrected Mean" at 9 A.M., minus the Correction for Temp. (Col. 2), = 29.731 — 0.058 = 29.674
"Corrected Mean" of Barometer at 9 P.M., minus the Correction for Temp. (Col. 4), = 29.744 — 0.054 = 29.690
Mean at Station, corrected, and at 32°, = 29.682
Correction for height, feet above Mean Sea-level, = 73
Mean, reduced to 32°, and Sea-level, = 29.755
Highest Reading, corrected for Index error, on the 17 th., = 30.486
Lowest Do. Do., on the 3 th., = 28.902
Difference, or Monthly Range, = 1.584

S.-R. THERMOMETER, (in shade, etc.), Highest in Month, (corrected for Index Errors), on the 13 th., = 61.3
Lowest in Month, corrected for Index errors, on the 31 th., = 31.2
Difference, or Monthly Range, = 30.1
"Corrected Mean" of all the Highest, (Col. 5), = 48.9
"Corrected Mean" of all the Lowest, (Col. 6), = 37.7
Difference, or Mean Daily Range, = 11.2
** Calculated Mean Temperature of Month, = 43.3
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., =
"Corrected Mean," (Col. 8), of Black Bulb, Min. on grass, =
Difference of above means or range ("exposed"), =

HYGROMETER, Mean (corrected) A.M. and P.M. Reading of Dry Bulb, (Cols. 9 and 11), = 42.0
Mean (corrected) A.M. and P.M. Reading of Wet Bulb, (Cols. 10 and 12), = 40.3
Computed Temperature of Dew-Point, = 38.2
Do. Elastic Force of Vapour, = 231
Do. Weight of Vapour in a Cubic Foot of Air, =
Relative Humidity (Saturation = 100), = 87
RAIN fell on 27 Days; Amount in Inches, = 6.34
WIND. SUMMARY.
Direction. N NE E SE S SW W NW Calm or Variable. Mean Force. Mean Velocity in miles per day.
A.M. 7 1 1 5 6 11 97
P.M. 8 1 4 6 12 94
Mean. 7 0 1 0 1 5 6 11 0 98
92

Observations made and Return verified by James Dale, Teacher in Robert Gordon's College, Abdu

(Signed)

SCOTTISH METEOROLOGICAL SOCIETY.

Observations taken at Gordon's College, Aberdeen, County of Aberdeen, in Lat. 57° 9' N, Long. 2° 6' W, Distance from Sea 1 miles.

Height of Cistern of the Barometer above Mean Sea-Level 66 feet, above Ground 24 feet.

During the MONTH of November 1895.

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.			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/rays	Min. on Grass.	Dry bulb.	Wet bulb.	Dry bulb.	Wet bulb.		No. of hours in which it fell.	Amount in inches.	Direction.	Force.	Direction.	Force.	Readings of the H. Cup Anemometer. 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.	Temperatures of Well at depth of feet, No.	Temperature and Density.	9 A.M.	9 P.M.
		* No.		No.		No.	No.	No.	No.																															
	1	30.470	47.0	30.504	48.0	47.1	28.2			33.0	32.1	34.9	34.2			N.W.	1	W.	1/2		2	St	2	ci	7										Clear fog 9 A.M.	1				
	2	30.382	49.0	30.120	49.0	45.3	29.1			33.4	30.5	39.4	38.2			W.	1/2	W	1		5	ci	6	ci	5											2				
	3	29.910	48.0	29.870	47.0	44.5	34.3			37.4	34.7	39.6	38.2			W	1/2	W	1		5	ci-cu	5	St	4											3				
	4	29.770	46.0	29.688	47.0	40.9	37.2			40.9	37.2	49.5	46.2			W	1/2	W	1		10	St	10	St	1											4				
	5	29.490	48.0	29.030	52.0	49.5	46.2			47.3	45.4	45.3	43.3			W	1/2	S.W.	2		10	St	10	Nim	1											5				
	6	28.708	50.0	29.040	51.0	52.3	45.3			46.1	43.8	45.8	42.7			S	1	S	1		10	cu-st	6	ci-cu	1												6			
	7	29.488	51.0	29.628	50.0	53.3	38.8			45.4	42.3	43.8	40.0			S.W.	1/2	S.W.	1		1	ci	1	ci	7												7			
	8	29.708	52.0	29.728	51.0	52.7	36.1			42.9	41.7	38.4	37.1			W	1/2	W	1		1	1	4	ci-cu	6												8			
	9	29.570	50.0	29.580	51.0	46.3	33.6			47.5	46.9	50.8	50.2			W	1/2	W	1/2		10	St	9	cu	3												9			
	10	29.248	51.0	28.902	52.0	53.1	46.2			46.4	43.5	42.7	40.0			S	2	S.E.	2 1/2		10	cu-st	10	Nim	1												10			
	11	28.708	50.0	28.970	51.0	49.5	35.9									S	2	S.W.	1/2		6	ci-st	2	ci-st	4												11			
	12	28.740	50.0	28.864	51.0	42.9	32.1			37.3	36.2	37.1	36.0			S	1	S	1/2		10	cu-st	1	ci	2												12			
	13	29.110	49.0	29.370	50.0	46.2	37.1			37.9	36.3	41.2	39.1			W	1/2	W	1		5	ci-cu	2	ci	2												13			
	14	29.296	50.0	29.404	50.0	46.5	35.2			42.7	41.1	38.9	36.2			S.W.	1	S.W.	1		4	ci-cu	2	St	4												14			
	15	29.664	50.0	29.088	52.0	53.2	39.3			38.3	37.1	47.2	45.7			S	1/2	S	2		4	ci	1	ci	1												15			
	16	29.156	50.0	29.320	49.0	43.4	35.2			43.5	40.2	38.8	37.2			S	1 1/2	S.W.	1		10	St	2	cu	1												16			
	17	29.576	49.0	29.924	51.0	47.5	32.1			42.5	40.3	39.7	36.4			S.W.	1	S	1		5	ci-cu	1	1	4												17			
	18	30.136	48.0	30.212	50.0	47.3	34.1			35.3	33.8	43.2	41.6			W	1/2	W	1		2	St	3	St	4												18			
	19	30.146	49.0	30.090	50.0	46.7	43.0			42.4	41.1	43.2	40.1			S	1 1/2	S	2		6	cu	10	St	2												19			
	20	29.986	50.0	29.936	51.0	48.3	46.8			47.8	45.2	47.3	46.8			S.E.	1 1/2	S	2		10	St	10	St	1												20			
	21	29.990	50.0	29.926	51.0	49.2	42.4			48.5	47.1	48.3	47.4			S.E.	1 1/2	S	2		10	cu-st	10	St	3												21			
	22	29.962	51.0	29.904	50.0	46.9	36.4			43.7	40.2	38.1	36.2			S.E.	1/2	W	1		6	cu-st	10	St	2												22			
	23	30.180	52.0	30.516	51.0	43.8	38.2			40.1	37.4	42.5	41.0			S	1	N	1/2		10	St	10	St	1												23			
	24	30.558	50.0	30.570	50.0	43.9	39.5			40.7	37.5	42.8	39.2			S	1/2	S	1/2		8	cu-st	10	St	1												24			
	25	30.592	50.0	30.466	50.0	43.5	39.8			41.7	39.2	42.6	40.0			S.E.	1	S.E.	1/2		10	St	10	St	1												25			
	26	30.358	50.0	30.166	51.0	45.8	42.6			42.7	41.3	43.4	41.7			S.E.	1	S.E.	1		10	cu-st	10	St	1												26			
	27	30.044	50.0	29.992	51.0	45.9	43.4			44.3	42.4	45.2	42.7			S.E.	1	S.E.	1/2		10	St	10	St	1												27			
	28	29.968	50.0	29.872	51.0	45.6	43.8			45.3	43.4	44.9	44.2			S.E.	1	S.E.	1 1/2		10	St	10	St	1												28			
	29	29.742	50.0	29.720	51.0	46.4	45.2			45.4	42.5	46.1	45.8			S	1 1/2	S	1/2		10	St	10	St	1												29			
	30	29.684	52.0	29.678	51.0	47.1	37.2			46.6	46.0	45.8	43.0			S	1/2	S	1		10	St	10	St	1												30			
	31																																					31		
Sums.		16 390 291	22 010	1 0 21 492 523						64 120 32	8 462 74			393		235	263			219	196	603																		
Means.		29.746	49.7	29.734	50.3	47.2	38.4			42.1	40.1	42.8	40.9			0.78	0.88			7.3	6.5																			
+ Total Corrections for Instru- mental Errors.		+0.16	7	+0.16	7																																			
+ Corre- ctions for Diurnal Range.																																								
"Cor- rected Means."		29.762	49.0	29.750	49.6																																			
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.s.	squalls.		
l.	lightning.	t.	thunder.		
lc.	light clouds.	t. s.	thunder-storm.		
lt. 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.
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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. ha.	snow.
h. d.	heavy dew.	sq.	squall.
h.	hail.	sq.	squalls.
l.	lightning.	t.	thunder.
li. cl.	light clouds.	t. s.	thunder-storm.
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BAROMETER, "corrected Mean" at 9 A.M., minus the Correction $\frac{1}{10}$ for Temp. (Col. 2), = 29.708
 "Corrected Mean" of Barometer at 9 P.M., minus the Correction $\frac{1}{10}$ for Temp. (Col. 4), = 29.705
 Mean at Station, corrected, and at 32', = 29.706
 Correction for height, feet above Mean Sea-level, = 73
 Mean, reduced to 32', and Sea-level, = 29.779
 Highest Reading, corrected for Index error, on the 25th, = 30.608
 Lowest Do. Do., on the 6th, = 28.724
 Difference, or Monthly Range, = 1.884

S.-R. THERMOMETER, (in shade, etc.), Highest in Month, (corrected for Index Errors), on the 7th, = 55.3
 Lowest in Month, corrected for Index errors, on the 1st, = 28.2
 Difference, or Monthly Range, = 27.1
 "Corrected Mean" of all the Highest, (Col. 5), = 47.2
 "Corrected Mean" of all the Lowest, (Col. 6), = 38.4
 Difference, or Mean Daily Range, = 8.8
 ** Calculated Mean Temperature of Month, = 42.8
 S.-R. THERMOMETER, Black Bulb in Sun, Highest, (corrected for Index Errors), on the 7th, = 55.3
 "Corrected Mean," (Col. 7), of Black Bulb, Max. in Sun, = 55.3
 Lowest at Night, Black Bulb (corrected for Index errors), on the 1st, = 28.2
 "Corrected Mean," (Col. 8), of Black Bulb, Min. on grass, = 28.2
 Difference of above means or range ("exposed"), = 27.1

HYGROMETER, Mean (corrected) A.M. and P.M. Reading of Dry Bulb, (Cols. 9 and 11), = 42.4
 Mean (corrected) A.M. and P.M. Reading of Wet Bulb, (Cols. 10 and 12), = 40.5
 Computed Temperature of Dew-Point, = 38.3
 Do. Elastic Force of Vapour, = 231
 Do. Weight of Vapour in a Cubic Foot of Air, = 86
 Relative Humidity (Saturation = 100), = 86
 RAIN fell on 14 Days; Amount in Inches, = 3.93

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

Observations made and Return verified by James Dale, Teacher
Robert Gordon's College

(Signed)

In selecting instruments, the following points require attention :—The divisions of the vernier of Barometers in reference to their scales, and the perfect freedom of the Barometer from air ; the

SCOTTISH METEOROLOGICAL SOCIETY.

Observations taken at Aberdeen, County of _____, in Lat. _____, Long. _____, Distance from Sea _____ miles.
Height of Cistern of the Barometer above Mean Sea-Level _____ feet, above Ground _____ feet. During the MONTH of Decr. 1891

The Hours of Observation are of Greenwich Time.

[illegible]

BAROMETER, "corrected Mean" at 9 A.M., <i>minus</i> the Correction \mp =	<u>29.597</u>
for Temp. (Col. 2), = <i>29.644</i> <i>0.047</i>	
³ Corrected Mean" of Barometer at 9 P.M., <i>minus</i> the Correction \mp =	<u>29.590</u>
for Temp. (Col. 4), = <i>29.636</i> <i>0.046</i>	
Mean at Station, corrected, and at 32° , =	<u>29.593</u>
Correction for height, feet above Mean Sea-level, =	<u>74</u>
Mean, reduced to 32°, and Sea-level , =	<u>29.667</u>
Highest Reading, corrected for Index error, on the <i>27</i> th, =	<u>30.280</u>
Lowest Do. Do., on the <i>12</i> th, =	<u>28.820</u>
Difference, or Monthly Range , =	<u>1.460</u>

S.-R. THERMOMETER, (in shade, etc.), Highest in Month, (corrected for Index Errors), on the 4 th ,	=	57.6
Lowest in Month, corrected for Index errors, on the 22 nd th ,	=	28.1
Difference, or Monthly Range,	=	23.5
"Corrected Mean " of all the Highest, (Col. 5),	=	41.4
"Corrected Mean " of all the Lowest, (Col. 6),	=	34.7
Difference, or Mean Daily Range,	=	6.7
** Calculated Mean Temperature of Month,	=	38.1
S.-R. THERMOMETER, Black Bulb in Sun, Highest, (corrected for Index Errors), on the 4 th ,	=	
"Corrected Mean, " (Col. 7), of Black Bulb, Max. in Sun,	=	
Lowest at Night, Black Bulb (corrected for Index errors), on the 4 th ,	=	
"Corrected Mean, " (Col. 8), of Black Bulb, Min. on grass,	=	
Difference of above means or range ("exposed"),	=	

HYGROMETER, Mean (corrected) A.M. and P.M. Reading of Dry Bulb , (Cols. 9 and 11),	=	38.1
Mean (corrected) A.M. and P.M. Reading of Wet Bulb , (Cols. 10 and 12),	=	36.8
†† Computed Temperature of Dew-Point ,	=	85.0
†† Do. Elastic Force of Vapour ,	=	203
†† Do. Weight of Vapour in a Cubic Foot of Air ,	=	
†† Relative Humidity (Saturation = 100),	=	88
RAIN fell on 24 Days; Amount in Inches,	=	4.50

WIND.		SUMMARY.									
Direction.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.	Mean Force.	Mean Velocity in miles per day.
A.M.	0	0	1	11	4	6	6	3	0	1-16	
P.M.	0	0	4	9	6	5	5	5	0	1-19	
Mean.	0	0	1	10	5	6	5	4	0	1-17	

Observations made and
Return verified by

(Signed).

