

SUMMARY of the OBSERVATIONS made at the STATIONS included in the DAILY and WEEKLY WEATHER REPORTS, for the CALENDAR MONTH,

JANUARY 1895.

(Issued as a Supplement to the Weekly Weather Report, 1895.)

ISSUED BY THE METEOROLOGICAL OFFICE, 63, VICTORIA STREET, LONDON; R. H. SCOTT, F.R.S., SECRETARY.
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General Summary.—The weather of January was very cold and changeable, with frequent falls of snow. Thunder and lightning were reported occasionally on our west and south-west coasts, and on the 23rd a severe thunderstorm, followed by heavy snow squalls, passed rapidly southwards over the east and south-east of England. Pressure was low, especially in the east and south; temperature was considerably below the normal; the winds were rather variable; rainfall was in excess of the average, excepting in Ireland and the west of Scotland; bright sunshine was, as a rule, very abundant.

Pressure.—*Mean at 8 a.m.* ranged from 29·75 ins. and upwards over the western and central parts of Ireland to 29·65 ins. and less in the east of England, the distribution in the intervening regions being somewhat irregular. The mean values were below the average in all localities excepting the Shetlands and Hebrides, the deficit being greatest (0·3 in. and upwards) on the east and south coasts of England. *Highest* readings were recorded on the 30th, when the barometer rose to 30·8 ins. and upwards in the north-east of Scotland, and to 30·5 ins. and upwards in all other localities excepting the extreme south of England. *Lowest* readings were observed at various times between the 13th and 17th, when the barometer fell below 28·6 ins. in the south-west of Ireland, and below 29·0 ins. in most other parts of the kingdom. *Range* was moderate.

Depressions.—The depressions observed were rather numerous, but in many cases their movements were too irregular to permit of the tracks being shown on Map 2, Plate I. One of the most important systems appeared originally off the south-west of Ireland on the 13th. After lying almost stationary for some time, the system began to move away to the northward, but on the night of the 14th it took a southerly course, while on the following day it advanced north-eastwards over our south-west coasts. Between the 16th and 18th the depression moved slowly, first in a north-easterly direction across England, and afterwards in a northerly direction along the east of Scotland to Caithness, where it dispersed.

Anticyclones were rare in the neighbourhood of our islands. On the 1st, and again on the 21st, an anticyclone spread over our western and northern coasts from the Atlantic, but in each case the system soon moved away to the south-westward. On the 28th a large area advanced over the kingdom from the westward, the system afterwards becoming merged in an anticyclone of great height, which spread over our northern coasts from Scandinavia.

Winds were rather variable, but chiefly from some Northerly point. Gales were frequent in the north-west and north, the number of days being as large as 18 at Donaghadee, 15 at Holyhead, and 12 at Aberdeen and Malin Head. Their severity was, however, at no time very great.

Temperature.—*Mean at sea level* ranged from 42°·5 at Scilly and 39° and upwards on our extreme south-west coasts generally to 32° and less over the northern and central parts of England, and to 29° and less in some parts of central Scotland. The general distribution was of a decidedly wintry type, and the mean values were considerably below the average,* the deficit amounting to between 6° and 7° at many of our western, northern, and central stations. At Braemar and Llandovery the mean was nearly 10° below the normal. *Highest* readings were observed as a rule between the 20th and 23rd, when the thermometer over the southern parts of England rose to between 50° and 53°. In the more northern and central parts of the kingdom, however, the absolute maxima were in nearly all cases below 45°. *Lowest* readings were recorded at various times in the different districts, but mostly either between the 9th and 12th, or between the 27th and 29th. At several of our northern and central stations the thermometer fell below 10°, the lowest readings of all being -5° at Braemar, -2° at Llandovery, and +2° at Hillington. *Range* was generally moderate. *Vapour Tension* ranged from between 0·20 in. and 0·22 in. on our extreme west and south-west coasts to 0·16 in. or less over the northern and central parts of Great Britain. *Relative Humidity* was greatest, 96 per cent. at Dungeness and 94 per cent. at Stornoway and Donaghadee, and least 81 per cent. at Aberdeen and 82 per cent. at Valencia and Jersey.

Rainfall, which consisted largely of melted snow, was in excess of the average* over the greater part of England and also in the north-east of Scotland; in the north-east of England and also, locally, at Dublin the total amount was more than twice as much as the normal. At the Irish stations generally there was, however, a deficiency, and in the west of Scotland a very large deficiency, the amount at Laudale and Ardrossan being less than one-fourth of the average. The largest aggregate falls were 6·5 ins. at Alnwick Castle, 6·2 ins. at Falmouth, and 5·8 ins. at Valencia; the smallest being 0·9 in. at Ardrossan and Malin Head, and 1·4 ins. at Leith and Glasgow. In the course of the month there were very few days on which snow or sleet did not occur in some part of the kingdom, the fall experienced over Ireland, Wales, and the west and north of England between the 11th and 13th was very heavy.

Bright Sunshine was abundant, especially in the west and south, where the total quantity amounted in some places to twice as much as the average.* The per-centage of the possible amount ranged from 36¹/₂ at Douglas and 34¹/₂ at Torquay to 9¹/₂ at Fort Augustus, and to only 7¹/₂ at Manchester (Oldham Road).

* The averages employed are—*Pressure and Temperature* for the 20 years, 1871-90; *Rainfall* for the 25 years, 1866-90; *Bright Sunshine* for the 10 years 1881-90.

TABLE I.—Giving a SUMMARY of the METEOROLOGICAL OBSERVATIONS made at TELEGRAPHIC

Observations are made at 8 a.m. daily, but the Numbers of Days of Rain, Snow, Hail,

(The Stations are grouped in Districts, and then arranged in order of

NAMES OF DISTRICTS.	NAMES OF STATIONS.	Mean Height of Barometer (at 32° Fahrenheit and Mean Sea Level) from Observations made at 8 a.m.	Difference from Average.	AIR TEMPERATURE.								
				Means of					Absolute Extremes.			
				At 8 a.m.	Minima.	Maxima.	Min. and Max. combined.	Difference from Average.	Minimum.	Date.	Maximum.	Date.
0. SCOTLAND, N.	Sumburgh Head	ins. 29°726	ins. +°051	34°7	31°3	37°7	34°5	-4°8	22	28th	44	17th
	Wick	29°683	-°036	33°8	27°8	37°5	32°7	-5°2	14	10th, 27th	43	16th, 17th, 18th
	Stornoway	29°739	+°057	34°3	29°6	38°7	34°2	-4°7	19	28th	43	22nd
1. SCOTLAND, E.	Nairn	29°729	-°016	31°0	24°7	36°2	30°5	-7°1	5	31st	42	22nd
	Aberdeen	29°737	-°050	31°3	27°0	36°1	31°6	-6°2	10	11th	42	13th, 14th, 16th
	Leith	29°725	-°100	31°6	27°1	37°5	32°3	-6°8	15	31st	42	1st, 18th, 22nd
2. ENGLAND, N.E.	Shields	29°696	-°185	33°2	27°5	37°6	32°6	-6°0	13	11th	42	16th
	York	29°703	-°229	30°4	26°2	36°3	31°3	-6°3	12	11th	42	2nd
	Spurn Head	29°657	-°269	34°4	30°8	37°9	34°4	-3°7	23	12th	42	3rd, 7th
3. ENGLAND, E.	Yarmouth	29°649	-°330	33°7	28°8	37°5	33°2	-4°5	11	28th	43	16th, 17th, 20th
	Cambridge	29°694	-°299	31°1	26°8	37°3	32°1	-5°4	15	29th	49	20th
4. MIDLAND COUNTIES	Loughborough	29°700	-°267	29°9	25°8	36°9	31°4	-6°3	9	29th, 30th	46	18th
	Oxford	29°707	-°292	31°8	28°6	37°4	33°0	-5°4	13	11th	51	20th
5. ENGLAND, S.	London	29°687	-°319	33°3	29°9	38°2	34°1	-4°9	18	29th	52	20th
	North Foreland	29°662	-°348	34°9	30°5	38°9	34°7	-4°5	22	31st	52	20th
	Dungeness	29°660	-°352	34°5	30°1	38°9	34°5	-5°2	19	29th	49	20th
	Hurst Castle	29°693	-°309	35°1	31°5	40°1	35°8	-4°9	20	11th	50	20th
6. SCOTLAND, W.	Ardrossan	29°734	-°104	32°1	28°8	37°3	33°1	-7°2	19	28th	43	1st, 18th, 22nd
7. ENGLAND, N.W.	Hawes Junction*	28°431	?	27°0	21°5	31°9	26°7	?	8	28th	38	22nd
	Liverpool	29°709	-°215	32°4	29°8	36°9	33°4	-6°0	22	11th, 12th	42	1st, 2nd, 19th, 22nd, 24th.
	Holyhead	29°694	-°208	37°2	33°3	40°5	36°9	-5°3	28	26th, 30th, 31st	45	22nd
8. ENGLAND, S.W.	Pembroke	29°710	-°226	38°6	34°8	41°8	38°3	-4°3	27	31st	47	14th, 18th
	Prawle Point	29°702	-°304	36°3	31°9	42°2	37°1	-4°8	25	26th, 27th, 28th, 29th, 31st.	56	20th
	Malin Head	29°720	-°095	37°3	34°1	40°6	37°4	-2°9	27	10th	46	1st, 5th
9. IRELAND, N.	Donaghadee	29°727	-°129	36°9	32°5	40°3	36°4	-3°9	25	27th, 29th	45	22nd
	Belmullet	29°787	-°033	38°5	34°4	42°5	38°5	-4°4	29	8th	49	5th, 29th
	Parsonstown	29°751	-°144	33°1	28°8	38°9	33°9	-6°0	19	10th	45	22nd
10. IRELAND, S.	Valencia (Cahiriveen)	29°774	-°113	39°8	35°1	44°1	39°6	-5°4	28	9th	50	2nd, 5th
	Roche's Point	29°734	-°174	39°2	34°4	43°6	39°0	-4°6	27	9th	48	2nd, 22nd, 24th, 29th.
	Scilly (St. Mary's)	29°692	-°277	42°8	38°3	46°0	42°2	-3°7	28	31st	53	18th, 20th
CHANNEL ISLANDS	Jersey	29°712	-°310	38°9	34°9	43°5	39°2	-2°9	26	11th, 29th,	53	20th

* Hawes Junction is 1,135 feet above Mean Sea Level, and the

SUMMARY OF OBSERVATIONS, JANUARY 1895.

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REPORTING STATIONS in the BRITISH ISLANDS, during the Month of JANUARY 1895.

Thunderstorms, and Gales are counted irrespective of the hours at which they occurred.

Latitude, beginning in each case with the Station lying furthest North.)

TENSION OF VAPOUR.	RELATIVE HUMIDITY.	AMOUNT OF CLOUD.	RAINFALL.				WEATHER.							WIND.								
			Total Fall in the Month.	Difference from Average.	Maximum Fall in One Day.	Date.	No. of Days of							No. of Observations of								
							Rain.	Snow.	Hail.	Thunderstorms.	Clear Sky.	Overcast.	Gale.	North.	N.E.	East.	S.E.	South.	S.W.	West.	N.W.	Calm.
ins. 0.178	9 88	8.6	ins. 4.92	ins. +1.20	ins. 0.70	10th	25	6	0	0	0	19	3	12	1	4	6	3	1	2	1	1
172	88	7.3	3.67	+1.62	0.52	6th	26	8	1	0	5	18	2	7	2	2	4	7	1	1	6	1
186	94	7.9	4.51	-0.79	0.87	16th	27	11	5	0	0	18	9	8	6	5	2	2	2	2	5	1
158	91	7.2	2.61	+0.62	0.59	17th	23	10	0	0	1	13	2	4	0	1	2	0	0	4	7	13
143	81	7.2	3.93	+1.62	1.14	17th	26	20	6	0	0	10	12	4	1	0	4	2	2	8	10	0
157	88	7.7	1.43	-0.50	0.30	17th	17	9	1	0	1	18	0	7	3	4	2	1	4	5	2	3
176	93	7.7	3.19	+1.44	0.52	15th	18	10	6	0	1	14	3	3	2	3	3	2	6	6	5	1
157	92	5.8	3.23	+1.36	0.62	19th	25	5	0	0	10	12	0	14	1	8	0	1	1	2	3	1
171	85	8.2	5.42	+2.07	0.64	19th	26	17	1	0	0	18	3	6	3	3	4	4	5	2	6	0
165	85	6.5	3.23	+1.28	0.44	19th	26	13	4	0	5	11	7	3	6	1	3	3	3	5	6	1
162	93	7.0	1.96	+0.42	0.80	19th	16	8	0	0	8	19	1	9	1	1	4	1	6	3	5	1
145	87	7.6	3.58	+1.54	1.08	20th	23	14	1	0	5	19	1	3	4	3	5	0	5	6	5	2
163	91	8.1	2.60	+0.34	0.73	19th	20	15	1	0	6	23	0	7	2	1	3	3	4	2	8	1
168	88	8.3	1.87	-0.25	0.52	19th	21	13	1	1	2	21	3	6	4	1	4	2	4	3	5	2
175	86	8.1	2.34	?	0.33	10th	17	18	3	0	1	19	5	4	4	2	1	7	3	5	5	0
192	90	8.1	1.88	-0.70	0.43	19th	24	14	0	0	0	15	5	7	3	1	4	3	2	4	6	0
189	92	7.3	5.30	+0.36	1.08	12th	15	7	1	0	2	11	0	5	5	1	2	5	4	3	6	0
169	93	4.8	0.87	-3.38	0.16	2nd	15	5	1	0	9	10	2	8	14	2	0	0	1	2	3	1
147	100	6.7	3.65	?	0.62	16th	25	20	0	0	2	17	0	3	10	6	4	1	5	3	1	0
156	84	5.7	2.94	+0.72	0.40	16th	20	3	0	0	6	9	6	7	5	6	4	0	2	2	4	1
187	84	7.6	2.91	-0.47	0.53	13th	22	5	6	0	0	14	15	6	4	10	2	1	2	3	3	0
201	86	6.2	4.50	+0.75	0.94	18th	24	7	0	0	5	11	4	3	6	4	3	1	3	2	7	0
183	85	6.9	2.79	-0.30	0.66	19th	21	10	0	0	0	9	6	6	3	1	3	4	5	4	7	0
192	87	6.5	0.88	?	0.09	1st, 11th	16	6	9	0	5	16	12	8	4	2	5	3	1	2	6	0
205	94	5.9	2.50	-0.48	0.50	13th	27	3	0	0	0	4	18	4	6	3	4	1	1	7	3	0
200	86	7.5	3.66	?	0.59	5th	29	6	2	0	0	14	10	7	4	10	1	0	0	0	9	0
177	94	7.5	2.20	-0.92	0.57	5th	22	5	0	0	2	15	0	3	1	2	2	0	1	4	5	15
200	82	7.5	5.79	-0.90	1.23	12th	21	7	6	0	0	15	8	8	6	8	2	0	0	3	4	1
216	90	6.3	3.91	-1.59	0.90	11th	18	5	3	0	1	10	7	10	4	2	2	4	1	0	4	0
227	85	7.9	4.68	+0.95	0.75	1st	29	3	6	1	0	11	11	7	5	2	4	3	5	2	5	0
193	82	6.8	4.21	+1.00	0.48	27th	24	12	10	0	0	7	7	3	4	2	6	2	2	6	6	0

Barometer at this station is not reduced for altitude.

TABLE II.

OBSERVATIONS of TEMPERATURE, RAINFALL, and BRIGHT SUNSHINE, obtained from the VALUES supplied for use in the WEEKLY WEATHER REPORT for the Month of JANUARY 1895.

NAMES OF STATIONS.	AIR TEMPERATURE.								RAINFALL.				BRIGHT SUNSHINE.				
	Means of				Absolute Extremes.				No. of Rainy Days.	Total Fall in the Month.	Difference from Average.	Maximum Fall in One Day.	Date.	No. of Hours recorded.	Difference from Average.	Percentage possible Duration.	Difference from Average.
	Minima.	Max. ¹¹ .	Min. and Max. combined.	Difference from Average.	Minimum.	Date.	Maximum.	Date.									
									ins.	ins.	ins.						
STONOWAY	°	°	°	°	°	°	°	°	°	°	°	°	34.5	+ 7.5	16	°	°
GLENCARRON	23.9	35.2	29.6	- 7.7	9	28th	42	23rd	20	25.45	- 4.60	0.85	1st	—	—	—	—
FORT AUGUSTUS	23.5	36.1	29.8	- 8.8	5	28th	43	14th, 22nd, 23rd	19	1.55	- 3.08	0.28	1st	19.2	°	9	°
FORT WILLIAM	27.2	37.3	32.3	- 7.1	11	28th	45	2nd, 23rd	17	2.76	- 7.17	0.53	23rd	48.6	°	22	°
ABERDEEN	°	°	°	°	°	°	°	°	°	°	°	°	42.4	- 12.5	19	- 5	—
BRAEMAR	18.0	31.6	24.8	- 9.8	- 5	9th	38	23rd	22	3.34	+ 0.24	0.60	13th	24.8	°	11	°
EDINBURGH	—	—	—	—	—	—	—	—	—	—	—	—	—	35.5	°	15	°
OCHTERTYRE	24.8	35.8	30.3	- 6.3	10	10th	43	22nd	16	2.84	- 2.36	0.73	14th	—	—	—	—
MARCHMONT	25.3	35.1	30.2	- 6.2	14	9th	40	5th	13	2.87	+ 0.13	0.55	19th	45.3	°	20	°
ALNWICK CASTLE	27.9	36.0	32.0	- 5.7	11	10th, 11th	41	16th	23	6.54	+ 4.43	1.30	7th	—	—	—	—
DURHAM	25.4	35.1	30.3	- 6.5	8	11th	41	2nd	25	3.72	+ 1.68	0.57	19th	43.4	+ 1.0	18	°
SCARBOROUGH	28.7	37.7	33.2	- 5.4	18	11th	44	17th	26	4.98	+ 3.04	0.68	7th	—	—	—	—
OSWALDKIRK	—	—	—	—	—	—	—	—	—	—	—	—	—	50.8	°	21	°
YORK	°	°	°	°	°	°	°	°	°	°	°	°	°	—	—	—	—
HILLINGTON	24.8	36.6	30.7	- 6.3	2	12th, 27th	43	20th	30	3.89	+ 1.98	0.79	20th	46.1	+ 3.6	19	+ 8
GELDESTON	26.8	38.6	32.7	- 5.5	8	27th	47	20th	25	2.53	+ 0.95	0.50	19th	46.8	- 6.3	19	- 3
CAMBRIDGE	—	—	—	—	—	—	—	—	—	—	—	—	—	43.3	- 3.9	17	- 1
ROTHAMSTED	27.3	36.5	31.9	- 5.2	15	27th	50	20th	22	2.12	- 0.50	0.71	19th	41.2	°	16	°
BAWTRY	25.9	36.2	31.1	- 6.3	9	11th	42	2nd, 24th	20	3.00	+ 1.10	0.67	20th	—	—	—	—
WORKSOP	—	—	—	—	—	—	—	—	—	—	—	—	—	46.2	+ 10.8	19	+ 5
STAMFORD (KETTON HALL).	26.1	36.7	31.4	- 6.0	12	27th	44	13th	26	2.70	+ 0.77	0.67	20th	—	—	—	—
THURCASTON	—	—	—	—	—	—	—	—	—	—	—	—	—	54.9	+ 22.3	22	+ 9
CHREADE	25.5	34.9	30.2	- 6.4	15	28th	41	19th, 20th	22	4.82	+ 2.13	0.91	12th	—	—	—	—
SOLIHULL	26.9	35.1	31.0	- 6.3	11	11th	44	16th, 23rd	21	3.73	°	1.09	20th	—	—	—	—
CHURCHSTOCKE	24.1	35.4	29.8	- 8.1	10	10th, 11th	42	18th, 19th	13	3.76	+ 0.90	0.83	20th	36.7	- 7.2	15	- 3
HEREFORD	27.5	37.0	32.3	- 6.3	16	27th	45	19th	18	4.42	+ 1.89	0.75	12th	—	—	—	—
GLOUCESTER	26.3	37.4	31.9	- 5.6	11	11th, 27th	50	20th	20	2.27	- 0.90	0.35	16th	58.3	+ 13.8	23	+ 5
OXFORD	—	—	—	—	—	—	—	—	—	—	—	—	—	54.4	+ 13.1	22	+ 6
LONDON	°	°	°	°	°	°	°	°	°	°	°	°	°	29.3	+ 4.9	12	+ 3
MARGATE	—	—	—	—	—	—	—	—	—	—	—	—	—	40.8	°	16	°
STRATHFIELD TURGIS-	27.9	37.7	32.8	- 5.0	19	29th	52	20th	18	2.55	+ 0.05	0.68	19th	—	—	—	—
HASTINGS	30.3	38.4	34.4	- 5.5	22	30th	49	20th	24	2.94	+ 0.07	0.82	19th	70.3	+ 14.2	27	+ 5
EASTBOURNE	—	—	—	—	—	—	—	—	—	—	—	—	—	66.1	°	26	°
BRIGHTON	—	—	—	—	—	—	—	—	—	—	—	—	—	71.8	°	28	°
WESTBOURNE (SUSSEX)	—	—	—	—	—	—	—	—	—	—	—	—	—	84.9	°	33	°
SOUTHAMPTON	29.9	39.8	34.9	- 4.8	19	11th	53	20th	16	3.53	+ 0.19	1.00	12th	71.4	+ 35.9	28	+ 10
STOWELL	27.3	37.7	32.5	- 5.9	14	27th	51	20th	22	4.11	°	1.13	12th	—	—	—	—
LAUDALE	26.9	38.9	32.9	- 7.3	16	28th	48	2nd	23	2.04	- 6.96	0.40	1st	—	—	—	—
GLASGOW	27.5	35.6	31.6	- 6.8	15	9th, 10th	42	23rd	16	1.37	- 2.86	0.41	16th	44.1	+ 24.1	19	+ 10
GLENLEE	24.3	35.4	29.9	- 7.3	12	28th	42	2nd, 23rd	17	2.18	- 5.69	0.38	23rd	—	—	—	—
DOUGLAS	31.6	39.4	35.5	- 5.0	21	28th	44	22nd, 23rd	23	2.47	- 2.24	0.41	19th	87.2	+ 45.4	36	+ 10
STONYHURST	27.4	35.0	31.2	- 6.6	19	10th, 28th, 29th	40	2nd, 23rd, 24th	22	2.80	- 1.38	0.52	16th	56.8	+ 25.6	23	+ 10
BLACKPOOL	26.9	38.1	32.5	- 5.7	12	30th	45	1st, 2nd	20	2.69	- 0.33	0.51	16th	61.5	+ 30.1	25	+ 12
MANCHESTER (PREST- WICH).	26.4	36.6	31.5	- 6.3	17	10th	42	1st	21	3.48	+ 0.24	0.59	16th	38.9	°	16	°
MANCHESTER (OLDHAM ROAD).	—	—	—	—	—	—	—	—	—	—	—	—	—	17.2	°	7	°
LLANDUDNO	32.2	39.3	35.6	- 5.7	25	27th, 31st	45	16th	22	2.51	- 0.33	0.43	20th	48.0	+ 11.7	20	+ 5
LLANDOVERY	23.9	37.7	30.8	- 9.5	- 2	28th	47	16th	25	4.58	- 0.80	0.77	20th	—	—	—	—
PEMBROKE	—	—	—	—	—	—	—	—	—	—	—	—	—	69.0	+ 19.6	27	+ 7
BRISTOL (MONTPELIER)	29.5	38.6	34.1	- 5.1	18	11th	50	20th	20	3.92	+ 0.42	0.76	19th	—	—	—	—
TENBY	—	—	—	—	—	—	—	—	—	—	—	—	—	76.2	°	30	°
ARLINGTON	29.0	38.6	33.8	- 5.6	16	29th	49	20th	24	4.44	+ 0.02	0.77	19th	—	—	—	—
CULLOMPTON	28.3	39.8	34.1	- 5.7	16	27th	51	20th	22	4.76	+ 1.33	1.03	13th	72.4	+ 36.2	28	+ 14
TORQUAY	—	—	—	—	—	—	—	—	—	—	—	—	—	90.0	°	34	°
NEWQUAY	—	—	—	—	—	—	—	—	—	—	—	—	—	79.3	°	30	°
FALMOUTH	33.8	42.8	38.3	- 5.5	25	29th	51	20th	24	6.15	+ 0.67	0.95	19th	86.6	+ 39.8	33	+ 15
PLYMOUTH	31.8	42.1	37.0	- 5.1	22	27th	50	20th, 23rd	24	5.57	+ 1.55	1.46	12th	73.4	+ 30.0	28	+ 11
SCILLY	—	—	—	—	—	—	—	—	—	—	—	—	—	81.7	°	31	°
GUERNSEY	—	—	—	—	—	—	—	—	—	—	—	—	—	65.8	°	25	°
JERSEY	—	—	—	—	—	—	—	—	—	—	—	—	—	85.0	+ 16.9	32	+ 7
LONDONDERRY	30.1	39.0	34.6	- 5.4	23	31st	46	22nd	24	3.58	- 0.46	0.47	2nd	—	—	—	—
EDENFEL (OMAGH)	28.5	36.6	32.6	- 6.2	19	9th, 27th	44	22nd	19	2.86	- 0.67	0.60	12th	—	—	—	—
MARKREE CASTLE	28.7	39.4	34.1	- 5.5	16	28th	47	5th, 22nd	23	4.06	+ 0.61	0.55	7th	57.2	+ 15.0	24	+ 7
BROOKBOROUGH	27.5	38.0	32.8	- 5.6	14	28th	46	29th	21	3.83	- 0.59	0.63	12th	—	—	—	—
ARMAGH	27.6	37.2	32.4	- 6.5	12	10th	45	22nd	20	2.18	- 0.72	0.44	19th	58.0	+ 15.9	24	+ 7
EDGEWORTHSTOWN	27.7	37.2	32.5	- 6.4	19	9th, 10th, 28th	43	22nd, 23rd	17	1.79	- 1.20	0.32	13th	—	—	—	—
ARLEY COTTAGE (COUNTY CAVAN).	—	—	—	—	—	—	—	—	—	—	—	—	—	62.7	°	26	°
DUBLIN	31.2	39.6	35.4	- 6.3	17	9th	45	22nd	24	5.71	+ 3.53	1.80	12th	68.9	+ 13.9	28	+ 6
PARSONSTOWN	—	—	—	—	—	—	—	—	—	—	—	—	—	62.9	+ 12.7	26	+ 6
KILKENNY CASTLE	29.2	39.3	34.3	- 6.8	18	10th	46	14th	21	3.47	- 0.05	0.61	16th	—	—	—	—
VALENCIA (CAHILL- CIVERN).	—	—	—	—	—	—	—	—	—	—	—	—	—	59.6	+ 3.9	24	+ 8
KILLARNEY	31.4	43.7	37.6	- 6.0	20	8th, 27th, 31st	48	2nd, 3rd, 5th, 6th, 23rd, 29th, 5th	18	5.11	°	1.05	5th	—	—	—	—
FOYNES	31.7	41.3	36.5	- 5.8	24	9th, 10th, 22nd	48	—	17	3.08	°	0.49	2nd	—	—	—	—

* For information see Table I.

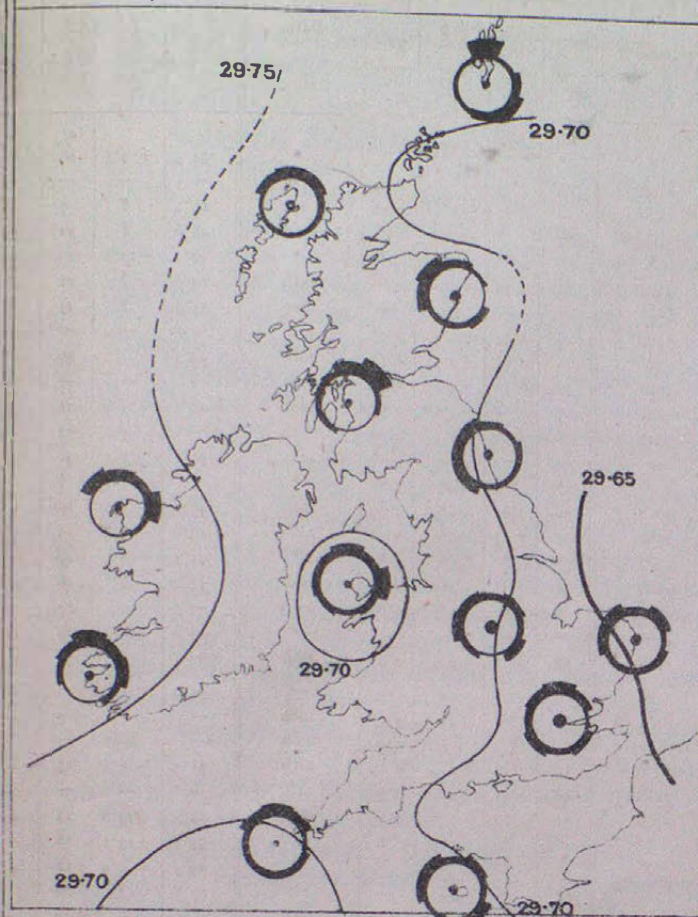
† Observations incomplete.

MONTHLY WEATHER CHART JANUARY 1895.

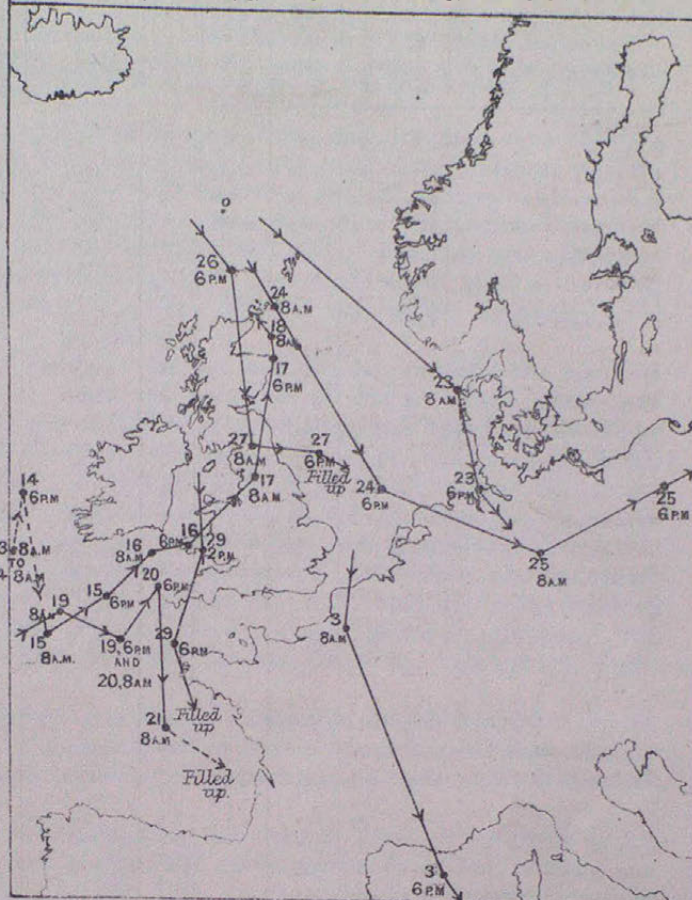
Monthly Summary.

Plate I.

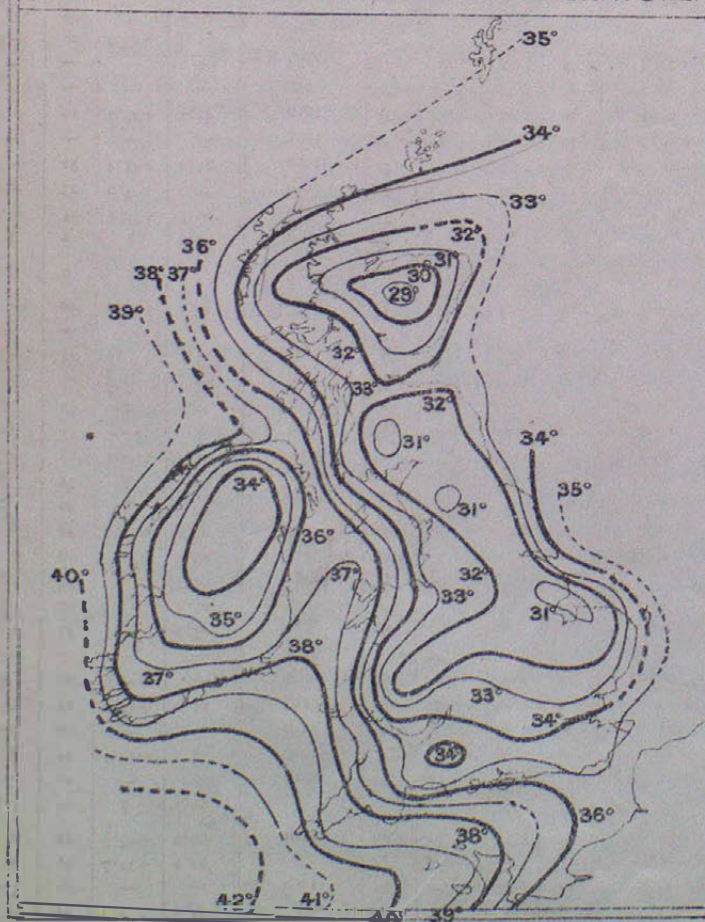
1. BAROMETER AND WIND.



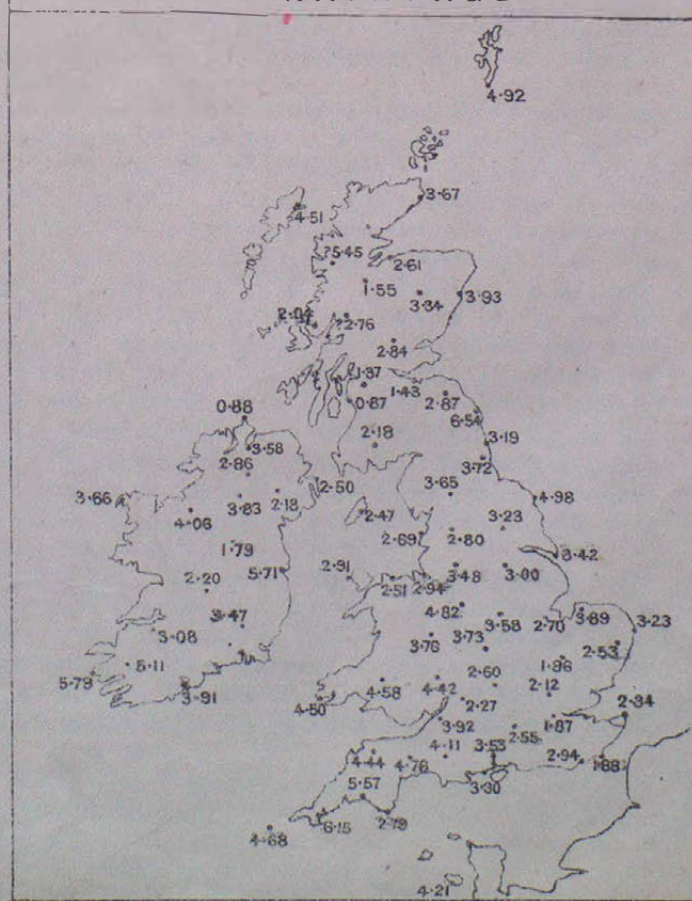
2. MOVEMENTS OF DEPRESSIONS.



3. DISTRIBUTION OF MEAN TEMPERATURE.



4. RAINFALL.



THE MONTH OF JANUARY 1902

General Summary: The month of January was characterized by a general increase in precipitation, with a notable increase in the latter half of the month. The temperature was generally moderate, with a slight increase in the latter half of the month.

On the 1st of January, the temperature was 65 degrees Fahrenheit, with a light breeze from the west. On the 2nd, the temperature rose to 70 degrees, with a light breeze from the west. On the 3rd, the temperature was 75 degrees, with a light breeze from the west. On the 4th, the temperature was 80 degrees, with a light breeze from the west. On the 5th, the temperature was 85 degrees, with a light breeze from the west.

On the 6th, the temperature was 90 degrees, with a light breeze from the west. On the 7th, the temperature was 95 degrees, with a light breeze from the west. On the 8th, the temperature was 100 degrees, with a light breeze from the west. On the 9th, the temperature was 105 degrees, with a light breeze from the west. On the 10th, the temperature was 110 degrees, with a light breeze from the west.

On the 11th, the temperature was 115 degrees, with a light breeze from the west. On the 12th, the temperature was 120 degrees, with a light breeze from the west. On the 13th, the temperature was 125 degrees, with a light breeze from the west. On the 14th, the temperature was 130 degrees, with a light breeze from the west. On the 15th, the temperature was 135 degrees, with a light breeze from the west.

On the 16th, the temperature was 140 degrees, with a light breeze from the west. On the 17th, the temperature was 145 degrees, with a light breeze from the west. On the 18th, the temperature was 150 degrees, with a light breeze from the west. On the 19th, the temperature was 155 degrees, with a light breeze from the west. On the 20th, the temperature was 160 degrees, with a light breeze from the west.

On the 21st, the temperature was 165 degrees, with a light breeze from the west. On the 22nd, the temperature was 170 degrees, with a light breeze from the west. On the 23rd, the temperature was 175 degrees, with a light breeze from the west. On the 24th, the temperature was 180 degrees, with a light breeze from the west. On the 25th, the temperature was 185 degrees, with a light breeze from the west.

On the 26th, the temperature was 190 degrees, with a light breeze from the west. On the 27th, the temperature was 195 degrees, with a light breeze from the west. On the 28th, the temperature was 200 degrees, with a light breeze from the west. On the 29th, the temperature was 205 degrees, with a light breeze from the west. On the 30th, the temperature was 210 degrees, with a light breeze from the west.

On the 31st, the temperature was 215 degrees, with a light breeze from the west. The month of January was a very successful one for the weather service, with a general increase in precipitation and a moderate temperature.

The weather service is very pleased with the results of the month of January, and is confident that the month of February will be equally successful. The weather service is very grateful to the public for their interest in the weather service, and is confident that the public will continue to be interested in the weather service.

SUMMARY of the OBSERVATIONS made at the STATIONS included in the DAILY and WEEKLY WEATHER REPORTS, for the CALENDAR MONTH,

FEBRUARY 1895.

(Issued as a Supplement to the Weekly Weather Report, 1895.)

ISSUED BY THE METEOROLOGICAL OFFICE, 63, VICTORIA STREET, LONDON; R. H. SCOTT, F.R.S., SECRETARY.
PUBLISHED BY EYRE AND SPOTTISWOODE, EAST HARDING STREET, FLEET STREET, E.C.; JOHN MENZIES & Co., 12, HANOVER ST., EDINBURGH, and 90, WEST NILE STREET, GLASGOW; AND HODGES, FIGGIS, & Co., LIMITED, 104, GRAFTON STREET, DUBLIN.

General Summary.—The early part of the month was intensely cold, with frequent snow showers in the northern and eastern parts of the kingdom, and with occasional heavy falls in the extreme western districts. Later on the thermometer rose somewhat, but the thaw was very gradual, and was interrupted on some occasions by further spells of sharp frost. Bright aurora was seen over the northern parts of Great Britain generally on the 15th, and in Scotland between the 16th and 18th. Pressure was above the average, especially in the north; temperature was exceptionally low; the winds were rather variable in the north and east, but chiefly Easterly in the west and south; rainfall was slight, especially over England; bright sunshine was considerably in excess of the average.

Pressure.—*Mean* at 8 a.m. ranged from between 30·10 ins. and 30·15 ins. over the north of Ireland and all the more northern and central parts of Great Britain to 30·00 ins. or a little less on our extreme south-west coasts. The general distribution was therefore of an anticyclonic type, and the mean values were everywhere in excess of the average,* the difference from the normal being slight in the extreme south, but large in the north, and especially so in the north of Scotland, where the excess amounted to more than 0·3 in. *Highest* readings were recorded on the 16th or 17th, when the barometer rose to 30·7 ins. and upwards in the north-east of Scotland, and to 30·4 ins. and upwards on all but our extreme south-western coasts. *Lowest* readings were observed as a rule on the 10th, when the barometer fell to 29·3 ins. or rather less on our extreme south-west coasts, and to 29·7 ins. and less in the western and southern districts generally. Over the northern parts of Great Britain, however, pressure was lowest on the 28th, the readings in Scotland ranging between 29·2 ins. and 29·6 ins. *Range* was slight generally, but moderate in the extreme north.

Depressions.—Very few depressions were observed in our own immediate neighbourhood. During the early part of the month several disturbances moved eastwards over the Spanish peninsula and the extreme south of France, while at the close of the time some large systems passed south-eastwards across Scandinavia and the Baltic.

Anticyclones.—The large anticyclone which extended over our islands from Scandinavia at the close of January receded slowly north-eastwards shortly after the commencement of the month, and disappeared from our neighbourhood after the 7th. On the 12th, however, a new system began to extend over us from northern Europe, its central portion ultimately moving south-westwards, and remaining over our islands until the 23rd, when it passed away to the Atlantic.

Winds varied considerably in direction on our north and east coasts, but were chiefly from the Eastward in the west and south. Gales were rare in all the more northern and eastern parts of the kingdom, but rather frequent over Ireland and the south-west of England. At Donaghadee, Scilly, and Prawle Point there were 11 days with a wind force of 7 and upwards.

Temperature.—*Mean at Sea Level* ranged from 37° and upwards on our extreme south-west coasts to 28° and less in some parts of Wales and Central England, to 27° and less in Kirkcudbrightshire, and to 26° and less in Western Aberdeenshire. The general distribution was of a strongly marked wintry type, and the actual values were in all cases greatly below the average.* At most of the inland stations over England, as well as in some parts of Central Scotland, the deficit amounted to more than 10°, and in some places to more than 12°, the greatest divergence from the normal being shown at Llandovery, where the deficiency was as large as 14·2°, and at Braemar, where it amounted to 13·8°. *Highest* readings were recorded mostly on the 28th, but were very low for the time of year; at a large number of the central stations in Great Britain the thermometer did not reach 45°. *Lowest* readings occurred pretty generally between the 7th and 9th, when the thermometer fell below 10° over a considerable portion of the United Kingdom, and below zero in many of the northern and central districts. In the latter regions minimum readings either below or very little above the zero point were recorded on several successive nights, the lowest of all being -17° at Braemar on the 11th, and -8° at Stamford on the 8th. *Range* was large. **Vapour Tension** was very low, especially over the central parts of England and Scotland, where the values ranged between 0·09 in. and 0·12 in. **Relative Humidity** ranged from 97 per cent. at Stornoway, and 94 per cent. at Dungeness, to 74 per cent. in London, and 72 per cent. at Aberdeen.

Rainfall consisted for the most part of melted snow, and was exceedingly deficient, especially over the central and southern parts of England, where the total amount was in nearly all cases less than a quarter of an inch. The largest aggregate falls were 2·8 ins. at Valencia, 2·5 ins. at Donaghadee, and 2·4 ins. at Glenlee and Killarney; the smallest being 0·03 in. at Plymouth, and 0·06 in. at Prawle Point and Hurst Castle. The snowstorms which occurred over Ireland and the south-west of Scotland on the 6th and 7th were very heavy, the amount at Donaghadee on the latter day yielding, when melted, as much as 1·6 ins. of water in the gauge.

Bright Sunshine was largely in excess of the average* over nearly the whole kingdom. The percentage of the possible amount was above 30 in many places, the highest values of all being 54 at Jersey, 43 at Westbourne, 42 at Guernsey, and 40 at Southampton.

* The averages employed are—*Pressure* and *Temperature* for the 20 years 1871–90; *Rainfall* for the 25 years 1866–90; *Bright Sunshine* for the 10 years 1881–90.

TABLE III.—Giving a SUMMARY of the METEOROLOGICAL OBSERVATIONS made at TELEGRAPHIC Observations are made at 8 a.m. daily, but the Numbers of Days of Rain, Snow, Hail, (The Stations are grouped in Districts, and then arranged in order of Latitude,

NAMES OF DISTRICTS.	NAMES OF STATIONS.	Mean Height of Barometer (at 32° Fahrenheit and Mean Sea Level) from Observations made at 8 a.m.	Difference from Average.	AIR TEMPERATURE.								
				Means of					Absolute Extremes.			
				At 8 a.m.	Minimum.	Maxima.	Min. and Max. combined.	Difference from Average.	Minimum.	Date.	Maximum.	Date.
0. SCOTLAND, N.	Sumburgh Head	ins. 30°120	+0°345	33°1	29°0	37°5	33°3	-5°2	17	6th	40	22nd
	Wick	? 30°091	+°287	30°4	24°0	37°4	30°7	-7°5	2	9th	44	21st
	Stornoway	30°138	+°365	33°0	27°4	41°1	34°3	-4°8	16	11th	48	17th
1. SCOTLAND, E.	Nairn	30°131	+°317	25°7	17°3	36°7	27°0	-11°4	0	7th	47	28th
	Aberdeen	30°153	+°305	27°8	22°9	35°4	29°2	-9°3	6	9th	48	28th
	Leith	30°137	+°267	28°9	24°8	38°5	31°7	-8°3	12	10th, 11th	49	23rd, 28th
2. ENGLAND, N.E.	Shields	30°118	+°212	30°4	25°5	36°9	31°2	-8°3	7	8th, 9th	47	28th
	York	30°133	+°194	27°5	22°9	36°4	29°7	-9°6	3	8th	46	28th
	Spurn Head	30°090	+°156	31°8	28°8	35°6	32°2	-6°9	20	8th, 9th	42	28th
3. ENGLAND, E.	Yarmouth	30°072	+°108	31°0	26°9	34°8	30°9	-7°7	15	8th	42	23rd, 28th
	Cambridge	30°120	+°141	25°0	20°7	36°9	28°8	-10°4	6	7th, 8th	48	23rd
4. MIDLAND COUNTIES	Loughborough	30°136	+°173	22°7	17°3	36°6	27°0	-12°6	-5	8th	48	28th
	Oxford	30°121	+°136	25°1	21°6	35°4	28°5	-11°5	7	8th	47	28th
5. ENGLAND, S.	London	30°093	+°104	26°8	23°0	35°6	29°3	-11°2	10	8th	47	24th
	North Foreland	30°064	+°084	30°2	26°1	34°3	30°2	-10°0	18	8th	44	24th
	Dungeness	30°039	+°054	27°7	23°7	34°9	29°3	-11°0	13	9th	44	23rd, 28th
	Hurst Castle	30°066	+°080	28°8	25°5	35°9	30°7	-10°5	17	6th	43	23rd
6. SCOTLAND, W.	Ardrossau	30°139	+°266	29°6	25°5	37°5	31°5	-9°0	13	8th	48	21st
7. ENGLAND N.W.	Hawes Junction*	28°846	?	24°1	19°0	30°3	24°7	?	3	8th	40	21st
	Liverpool	30°139	+°205	27°7	25°0	34°5	29°8	-10°6	12	8th, 9th	45	28th
	Holyhead	30°112	+°198	31°5	28°3	37°2	32°8	-9°3	17	8th	47	28th
8. ENGLAND, S.W.	Pembroke	30°073	+°136	31°1	27°9	37°0	32°5	-10°0	23	6th	45	28th
	Prawle Point	30°028	+°035	32°1	28°6	37°3	33°0	-9°5	21	11th	48	23rd
9. IRELAND, N.	Malin Head	30°105	+°255	34°1	31°5	38°5	35°0	-7°4	20	8th	46	26th
	Donaghadee	30°139	+°255	33°2	29°4	39°0	34°2	-7°0	16	7th, 8th	49	28th
	Belmullet	30°085	+°235	53°6	29°8	39°7	34°8	-7°5	23	8th, 9th	48	26th, 27th
10. IRELAND, S.	Parsonstown	30°089	+°183	28°8	23°9	38°1	31°0	-10°3	6	7th	39	28th
	Valencia (Cahirivreen)	30°004	+°085	36°3	32°0	42°0	37°0	-8°2	22	7th	50	29th
	Roche's Point	30°040	+°124	36°3	32°4	41°4	36°9	-7°1	25	21st	48	23rd, 27th, 28th
CHANNEL ISLANDS	Scilly	29°065	+°066	37°7	33°5	40°5	37°0	-8°9	27	6th	48	28th
	Jersey	30°010	+°003	30°9	27°3	35°6	31°5	-11°6	18	7th	45	24th, 28th

* Hawes Junction is 1,135 feet above Mean Sea Level, and the

SUMMARY OF OBSERVATIONS, FEBRUARY 1895.

vii

REPORTING STATIONS in the BRITISH ISLANDS during the Month of FEBRUARY 1895.

Thunderstorms, and Gales are counted irrespective of the Hours at which they occurred.

beginning in each case with the Station lying furthest North.)

TENSION OF VAPOUR.	RELATIVE HUMIDITY.	AMOUNT OF CLOUD.	RAINFALL.				WEATHER.							WIND.								
			Total Fall in the Month.	Difference from Average.	Maximum Fall in One Day.	Date.	No. of Days of							No. of Observations of								
							Rain.	Snow.	Hail.	Thunderstorms.	Clear Sky.	Overcast.	Gales.	North.	N.E.	East.	S.E.	South.	S.W.	West.	N.W.	Calms.
in.	%		ins.	ins.	ins.																	
0.166	88	7.3	0.90	-2.29	0.19	27th	14	5	0	0	0	11	0	8	3	3	2	1	0	2	3	6
137	80	6.8	1.98	-0.06	0.60	6th	17	5	0	0	3	13	4	5	1	3	4	5	0	1	8	1
182	97	7.4	1.47	-2.39	0.45	28th	13	7	0	0	2	17	4	4	2	3	4	3	3	4	1	4
103	74	6.6	0.88	-0.60	0.34	28th	10	4	0	0	3	12	0	1	0	5	0	0	0	6	2	14
109	72	6.2	1.55	-0.80	0.41	23rd	16	12	1	0	0	6	5	2	0	4	3	1	1	6	11	0
141	89	6.3	0.36	-1.09	0.20	1st	7	4	0	0	2	7	0	4	3	3	3	1	5	5	2	2
150	88	7.1	0.73	-0.77	0.26	24th	12	14	1	0	1	9	0	1	4	3	2	0	7	4	6	1
135	90	5.7	0.32	-1.38	0.10	24th	10	3	0	0	8	9	0	9	5	5	0	1	0	2	6	0
152	84	7.6	0.82	-0.54	0.26	24th	12	8	0	0	0	13	0	1	4	6	2	0	1	5	9	0
148	85	6.8	0.95	-0.87	0.27	24th	17	12	3	0	0	8	3	3	5	9	1	0	0	2	8	0
117	87	6.9	0.21	-1.25	0.09	24th	6	5	0	0	7	15	0	6	7	4	0	0	1	0	7	3
094	78	7.5	0.14	-1.64	0.08	24th	2	8	1	0	4	17	0	2	6	3	1	0	0	5	5	6
104	77	7.1	0.12	-1.80	0.08	24th	4	5	0	0	6	15	0	6	12	4	0	0	0	3	2	1
106	74	7.5	0.16	-1.57	0.05	24th	6	12	1	0	3	16	3	3	7	8	1	0	2	3	2	2
140	83	6.7	0.31	?	0.17	24th	3	12	0	0	6	15	6	7	2	6	5	0	0	4	4	0
142	94	6.5	0.18	-1.77	0.06	24th	6	7	0	0	0	5	3	4	8	7	1	0	0	2	6	0
132	84	5.8	0.06	-2.19	0.06	24th	1	2	0	0	6	11	0	5	13	3	2	0	0	1	3	1
140	85	4.7	0.69	-2.35	0.50	7th	7	3	0	0	10	9	1	2	14	2	0	0	0	3	4	3
126	97	6.9	0.93	?	0.41	28th	13	6	0	0	3	14	0	5	6	5	10	1	0	1	0	0
116	77	6.5	0.31	-1.38	0.21	24th	4	4	0	0	9	15	0	4	2	5	5	2	0	7	1	2
150	90	6.3	0.57	-2.03	0.31	6th	5	2	0	0	1	8	2	1	6	8	4	3	0	3	1	2
150	85	3.5	0.11	-2.71	0.08	24th	3	3	0	0	11	3	3	1	7	12	7	0	0	0	1	0
166	91	7.9	0.06	-1.96	0.03	24th, 28th	2	4	0	0	0	11	11	4	13	8	2	0	0	0	1	0
177	89	6.0	0.38	?	0.16	28th	6	3	2	0	7	15	3	3	4	2	10	3	3	1	2	0
171	90	6.2	2.52	+0.10	1.59	7th	10	3	0	0	0	3	11	1	1	6	8	0	2	8	2	0
175	90	5.2	0.80	?	0.20	6th	12	3	0	0	8	10	2	2	5	15	4	0	0	0	2	0
141	90	7.7	0.61	-1.62	0.25	6th	5	7	0	0	2	16	0	1	1	9	3	0	0	1	0	13
169	78	6.8	2.75	-2.20	0.81	6th	10	5	0	0	2	12	8	1	4	13	4	0	0	0	0	6
183	85	7.4	1.76	-2.67	0.65	10th	6	8	0	0	0	10	9	4	4	4	10	3	1	0	2	0
174	76	7.8	0.52	-2.19	0.24	9th	4	3	1	0	0	8	11	2	8	13	5	0	0	0	0	0
135	77	5.5	0.29	-2.26	0.15	10th	4	4	0	0	5	9	8	0	10	13	2	0	0	0	2	1

Barometér at this station is not reduced for altitude.

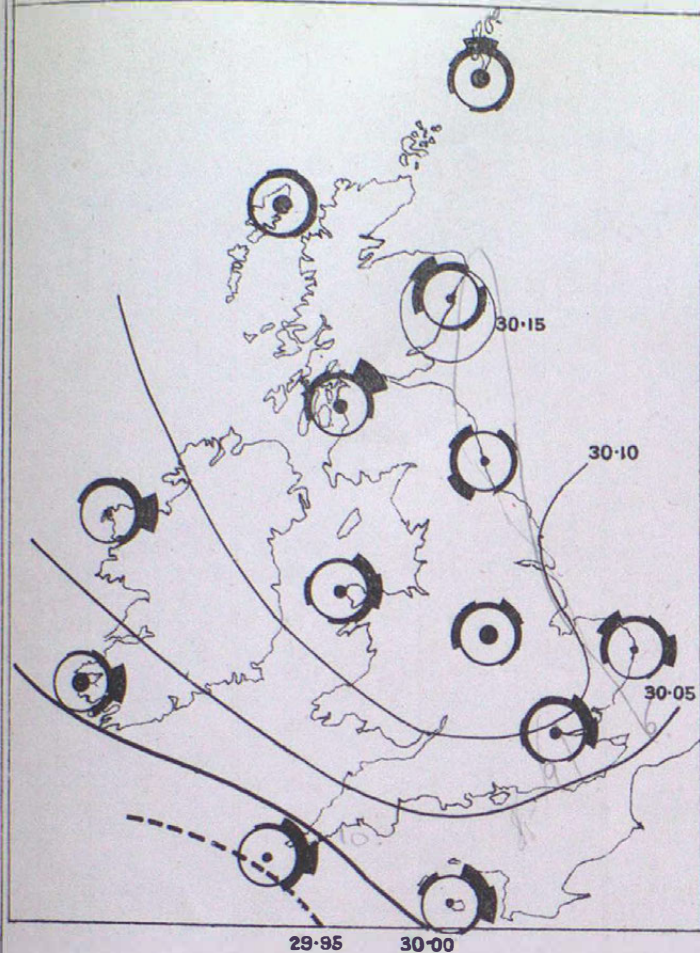
TABLE IV.

OBSERVATIONS of TEMPERATURE, RAINFALL, and BRIGHT SUNSHINE, obtained from the VALUES supplied for use in the WEEKLY WEATHER REPORT, for the Month of FEBRUARY 1895.

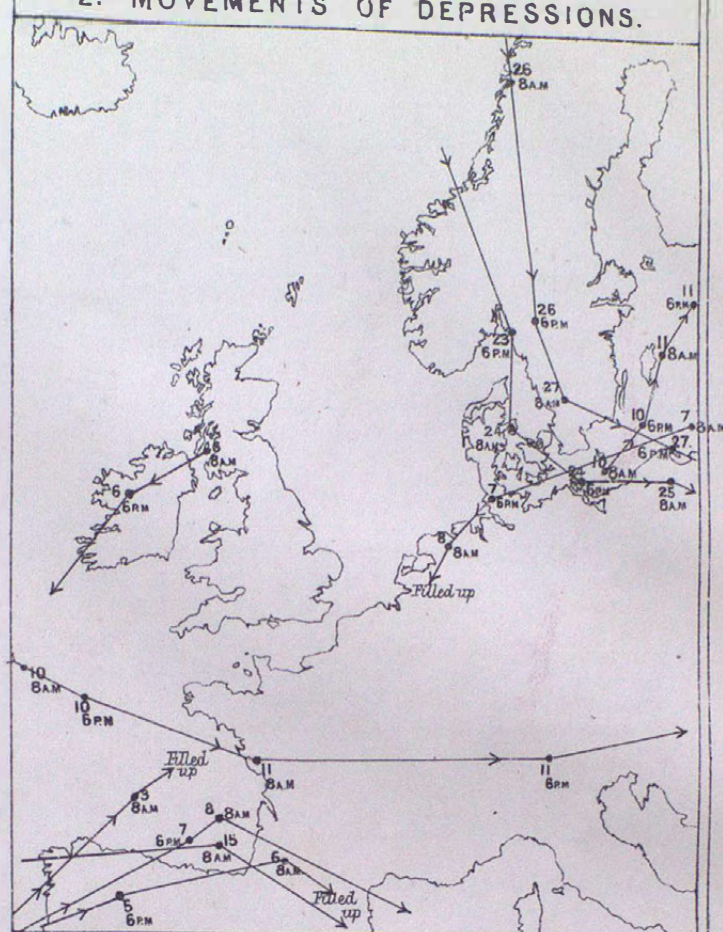
NAMES OF STATIONS.	AIR TEMPERATURE.								RAINFALL.				BRIGHT SUNSHINE.				
	Means of				Absolute Extremes.				No. of Rainy Days.	Total Fall in the Month.	Difference from Average.	Maximum Fall in One Day.	Date.	No. of Hours recorded.	Difference from Average.	Per-centage of possible Duration.	Difference from Average.
	Minima.	Maxima.	Min. and Max. combined.	Difference from Average.	Minimum.	Date.	Maximum.	Date.									
STORNOWAY	°	°	°	°	°	*	°	*	*	ins.	ins.	ins.	*	89°4	+29°0	35	+12
GLENCARRON	22°6	35°2	28°9	-8°6	9	11th	44	21st	13	2°32	-4°43	0°94	28th	—	—	—	—
FORT AUGUSTUS	21°6	36°9	29°3	-9°3	4	11th	48	23rd	8	0°86	-2°87	0°51	28th	69°7	?	27	?
FORT WILLIAM	25°1	37°0	31°1	-8°1	11	11th	46	26th	10	1°08	-6°87	0°46	28th	101°2	?	39	?
ABERDEEN	*	*	*	*	*	*	*	*	*	*	*	*	*	79°6	+10°1	31	+4
BRAEMAR	12°3	30°6	21°5	-13°8	-17	11th	41	28th	13	0°93	-2°02	0°22	28th	85°7	?	33	?
EDINBURGH	—	—	—	—	—	—	—	—	—	—	—	—	—	72°0	?	27	?
OCHTERTYRE	21°7	38°9	30°3	-7°0	4	9th	49	22nd	5	0°52	-3°22	0°12	1st	—	—	—	—
MARCHMONT	24°1	34°2	29°2	-8°3	7	7th	46	23rd	10	1°12	-1°20	0°31	2nd	78°5	?	30	?
ALNWICK CASTLE	25°4	35°1	30°3	-8°2	4	8th	43	23rd, 26th, 28th	15	1°75	-0°34	0°32	1st, 6th	—	—	—	—
DURHAM	23°3	35°8	29°6	-8°6	-2	8th	45	28th	14	1°34	-0°26	0°30	24th	81°9	+21°3	31	+8
SCARBOROUGH	27°0	36°7	31°9	-7°6	8	8th	45	23rd, 28th	13	1°16	-0°55	0°33	2nd	—	—	—	—
OSWALDKIRK	—	—	—	—	—	—	—	—	—	—	—	—	—	98°0	?	37	?
YORK	*	*	*	*	*	*	*	*	*	*	*	*	*	98°9	+45°3	37	+17
HILLINGTON	21°5	35°6	28°6	-10°3	1	8th	45	23rd	11	0°45	-1°35	0°16	24th	94°7	+29°2	35	+11
GELDESTON	22°8	36°3	29°6	-9°7	1	10th	46	23rd	14	0°77	-0°80	0°18	1st	81°1	+11°7	30	+5
CAMBRIDGE	*	*	*	*	*	*	*	*	*	*	*	*	*	91°4	+28°4	33	+10
ROTHAMSTED	20°6	34°3	27°5	-11°1	3	7th	45	24th	5	0°17	-1°89	0°08	24th	92°5	?	34	?
BAWTRY	20°5	36°6	28°6	-10°8	-1	7th	48	24th	7	0°14	-1°42	0°04	24th	—	—	—	—
WORKSOP	—	—	—	—	—	—	—	—	—	—	—	—	—	74°3	+18°2	28	+7
STAMFORD (KETTON HALL).	17°5	36°4	27°0	-12°8	-8	8th	47	23rd, 28th	6	0°25	-1°47	0°12	24th	—	—	—	—
THURCASTON	—	—	—	—	—	—	—	—	—	—	—	—	—	88°1	+36°0	33	+14
CREADLE	23°9	33°8	28°4	-9°5	11	6th, 8th	44	28th	4	0°19	-2°28	0°07	24th	—	—	—	—
SOLIHULL	20°4	33°9	27°2	-11°8	1	6th	44	28th	6	0°19	?	0°09	24th	—	—	—	—
CHURCHSTOKE	18°9	33°6	26°3	-12°8	-5	8th	44	23rd, 24th	3	0°12	-2°40	0°06	24th	79°0	+17°6	29	+
HEREFORD	19°3	34°9	27°1	-13°1	-3	8th	45	24th	4	0°08	-2°01	0°05	1st	—	—	—	—
CIRENCESTER	21°1	33°7	27°4	-11°3	6	13th	45	28th	2	0°09	-2°41	0°08	24th	105°5	+37°5	39	+14
OXFORD	*	*	*	*	*	*	*	*	*	*	*	*	*	69°0	+7°4	25	+
LONDON	*	*	*	*	*	*	*	*	*	*	*	*	*	37°6	-1°3	14	0
MARGATE	—	—	—	—	—	—	—	—	—	—	—	—	—	64°4	?	23	?
SERATHFIELD TURGISS	19°1	36°2	27°7	-12°1	2	7th	48	23rd	2	0°18	-1°81	0°10	24th	—	—	—	—
HASTINGS	25°8	34°3	30°1	-10°5	20	7th	43	24th, 28th	7	0°33	-1°71	0°13	24th	97°8	+20°1	36	+8
EASTBOURNE	—	—	—	—	—	—	—	—	—	—	—	—	—	89°2	?	32	?
BRIGHTON	—	—	—	—	—	—	—	—	—	—	—	—	—	99°4	?	36	?
WESTBOURNE (SUSSEX)	—	—	—	—	—	—	—	—	—	—	—	—	—	117°3	?	43	?
SOUTHAMPTON	23°9	37°5	30°7	-10°5	14	7th, 9th	49	23rd, 28th	2	0°12	-2°40	0°11	24th	109°4	+42°4	40	+16
STOWELL	21°7	33°9	27°8	-11°6	10	7th	46	28th	4	0°18	?	0°10	24th	—	—	—	—
LAUDALE	25°1	37°7	31°4	-8°9	17	10th, 11th, 12th	46	24th, 28th	11	1°44	-5°00	0°75	28th	—	—	—	—
GLASGOW	24°6	35°5	30°1	-9°1	7	10th	47	26th	6	0°31	-3°03	0°12	28th	41°3	-4°5	16	-1
GLENLEA	18°1	34°1	26°1	-12°2	-5	9th	45	22nd	6	2°44	-2°38	1°50	6th	—	—	—	—
DOUGLAS	26°9	38°1	32°5	-8°4	11	9th, 12th	47	28th	7	1°23	-2°20	0°71	6th	97°1	+28°5	30	+11
STONYHURST	24°3	34°1	29°2	-9°9	11	8th, 9th	42	24th, 28th	5	0°29	-3°11	0°23	28th	83°8	+25°8	31	+9
BLACKPOOL	22°7	35°8	29°3	-10°3	10	8th, 9th	42	25th, 28th	6	0°31	-1°06	0°14	23rd	73°1	+13°5	27	+5
MANCHESTER (PRESTWICH).	23°1	34°7	28°9	-10°0	11	8th	43	24th	4	0°45	-1°72	0°28	28th	42°7	?	16	?
MANCHESTER (OLDHAM ROAD).	—	—	—	—	—	—	—	—	—	—	—	—	—	38°2	?	14	?
LLANDUDNO	27°3	36°2	31°8	-10°1	18	8th, 9th	44	28th	5	0°47	-1°71	0°21	28th	79°2	+14°8	29	+5
LLANDOVERY	18°4	36°2	27°3	-14°2	3	12th	47	28th	4	0°28	-3°78	0°14	24th	—	—	—	—
PEMBROKE	*	*	*	*	*	*	*	*	*	*	*	*	*	101°3	+27°4	37	+10
BRISTOL (MONTPELIER)	22°2	35°5	28°9	-11°5	11	9th, 10th	46	28th	4	0°13	-2°47	0°06	24th	—	—	—	—
TENBY	—	—	—	—	—	—	—	—	—	—	—	—	—	102°4	?	38	?
ARLINGTON	22°9	33°5	28°2	-12°0	13	6th	45	28th	3	0°28	-3°82	0°20	24th	—	—	—	—
CULLOMPTON	22°7	36°1	29°4	-11°4	11	13th	50	28th	2	0°11	-2°84	0°09	24th	95°8	+32°7	35	+12
TORQUAY	—	—	—	—	—	—	—	—	—	—	—	—	—	84°2	?	30	?
NEWQUAY	—	—	—	—	—	—	—	—	—	—	—	—	—	97°5	?	35	?
FALMOUTH	30°6	38°2	34°4	-9°7	22	6th	47	28th	3	0°08	-3°98	0°03	24th, 28th	83°9	+7°8	30	+3
PLYMOUTH	28°6	38°0	33°3	-9°6	19	6th	46	23rd, 28th	1	0°03	-2°95	0°03	28th	93°1	+18°5	34	+7
SCILLY	*	*	*	*	*	*	*	*	*	*	*	*	*	81°2	?	29	?
GUERNSEY	—	—	—	—	—	—	—	—	—	—	—	—	—	117°6	?	42	?
JERSEY	*	*	*	*	*	*	*	*	*	*	*	*	*	151°1	+64°0	54	+23
LONDONDERRY	26°4	39°7	33°1	-8°1	15	7th	47	23rd, 25th, 26th, 28th	11	0°84	-2°00	0°20	5th, 28th	—	—	—	—
EDENFEL (OMAGH)	22°8	36°4	29°6	-10°4	5	7th	45	23rd, 26th, 28th	7	0°51	-1°98	0°20	7th	—	—	—	—
MARKREE CASTLE	23°9	38°8	31°4	-9°3	2	6th, 7th	49	28th	7	0°49	-2°28	0°19	28th	98°4	+39°0	37	+15
BROOKEBOROUGH	22°6	38°8	30°7	-9°0	-2	7th	48	22nd	7	0°76	-2°33	0°30	5th	—	—	—	—
ARMAGH	24°3	37°6	31°0	-9°1	5	7th	48	23rd	7	0°34	-1°97	0°20	5th	77°9	+17°5	29	+7
EDGEWORTHSTOWN	23°0	37°0	30°0	-9°0	0	7th	47	28th	5	0°36	-2°44	0°14	23rd	—	—	—	—
ARLEY COTTAGE (CO. CAVAN).	—	—	—	—	—	—	—	—	—	—	—	—	—	79°4	?	30	?
DUBLIN	29°9	38°4	34°2	-8°3	19	7th	49	28th	9	0°63	-1°48	0°31	6th	78°2	+9°7	29	+4
PARSONSTOWN	*	*	*	*	*	*	*	*	*	*	*	*	*	84°0	+17°3	31	+6
KILKENNY CASTLE	27°3	38°1	32°7	-9°6	11	12th	48	28th	5	0°51	-2°20	0°27	6th	—	—	—	—
VALENCIA (CAHIREEN).	*	*	*	*	*	*	*	*	*	*	*	*	*	88°4	+15°2	32	+5
KILLARNEY	28°2	40°6	34°4	-10°0	15	1st, 6th	51	28th	10	2°37	?	1°13	6th	—	—	—	—
FOYNES	29°1	39°3	34°2	-9°1	17	11th	48	28th	5	1°40	?	0°00	10th	—	—	—	—

* For information see Table III.

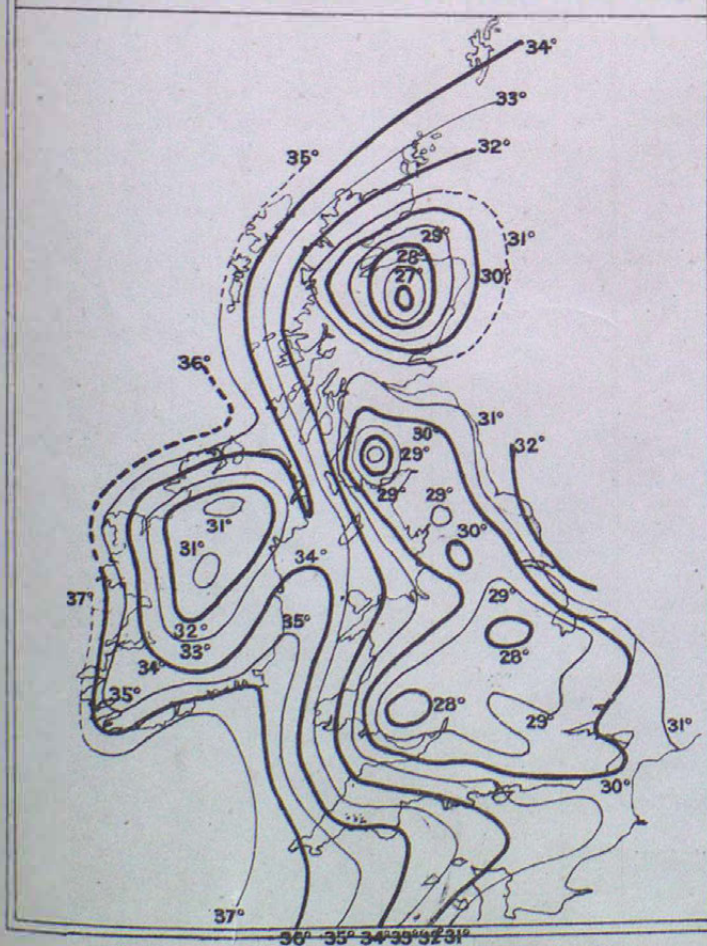
1. BAROMETER AND WIND.



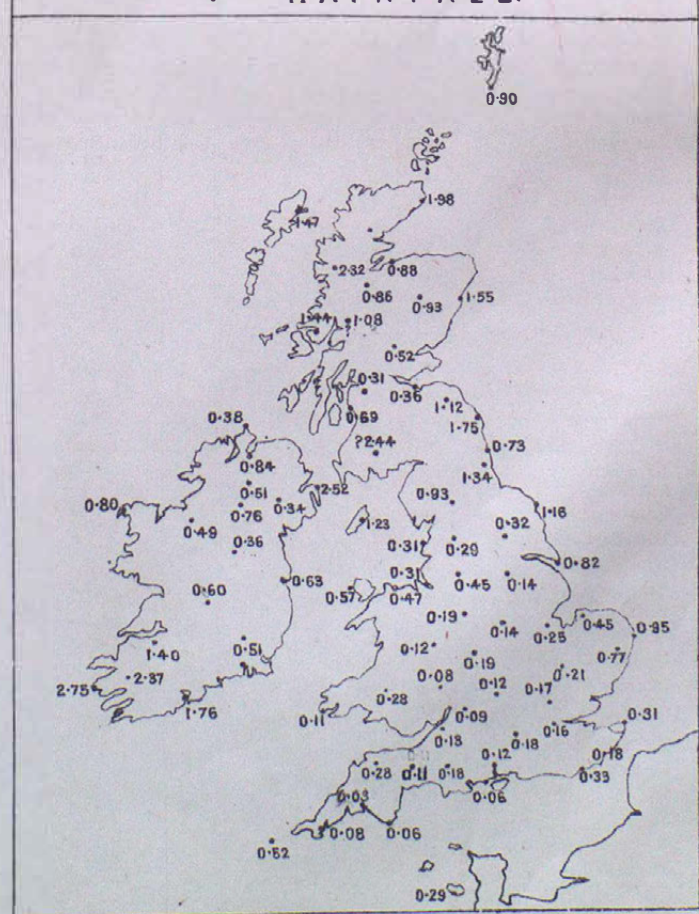
2. MOVEMENTS OF DEPRESSIONS.



3. DISTRIBUTION OF MEAN TEMPERATURE.



4 RAINFALL.



STATION COPY
SUMMARY of the OBSERVATIONS made at the STATIONS included
in the DAILY and WEEKLY WEATHER REPORTS for the
CALENDAR MONTH

MARCH 1895

ISSUED BY THE METEOROLOGICAL OFFICE OF THE UNITED STATES DEPARTMENT OF AGRICULTURE
WASHINGTON, D. C.

General Summary of the Weather during the month of March 1895. The month was characterized by a general increase in temperature and a decrease in precipitation. The weather was generally clear and sunny, with a few light showers of rain. The temperature was generally in the 40s and 50s, with a few days in the 60s. The precipitation was generally light, with a few days of moderate rain. The wind was generally light and variable, with a few days of strong wind. The weather was generally pleasant and comfortable.

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SUMMARY of the OBSERVATIONS made at the STATIONS included in the DAILY and WEEKLY WEATHER REPORTS, for the CALENDAR MONTH,

MARCH 1895.

(Issued as a Supplement to the Weekly Weather Report, 1895.)

ISSUED BY THE METEOROLOGICAL OFFICE, 63, VICTORIA STREET, LONDON; R. H. SCOTT, F.R.S., SECRETARY.
PUBLISHED BY EYRE AND SPOTTISWOODE, EAST HARDING STREET, FLEET STREET, E.C.; JOHN MENZIES & CO., 12, HANOVER ST., EDINBURGH, and 90, WEST NILE STREET, GLASGOW; AND HODGES, FIGGIS, & CO., LIMITED, 104, GRAFTON STREET, DUBLIN.

General Summary.—The early part of March was very cold and changeable, with frequent snow showers. Later on temperature rose steadily, the weather being fair about the middle of the month, but rough and unsettled during the concluding week, with thunder and lightning in many parts of Ireland and England. On the 13th a brilliant aurora was seen over a considerable portion of the United Kingdom. Pressure was low, especially in the north and east; temperature was mostly in excess of the average; the winds were rather variable, but mainly from the Westward in the eastern districts, with a very destructive gale over the inland parts of England on the 24th; rainfall was, as a rule, in excess of the normal; bright sunshine was deficient at all but a few of our eastern and southern stations.

Pressure.—*Mean at 8 a.m.* ranged from 29·8 ins. and upwards in the Channel Islands, and 29·75 ins. and upwards on the south coasts of England generally, to 29·55 ins. and less in the extreme north of Scotland. The general distribution agreed fairly with the normal, but the actual values were everywhere below the average,* the deficit being greatest in the northern and eastern parts of the kingdom, where it amounted in many places to more than a quarter of an inch. *Highest* readings were recorded on the 15th or 16th, when the barometer rose to 30·4 ins. and upwards in the south of England, and to 30·1 ins. and upwards on all but our extreme northern coasts. *Lowest* readings were observed very generally on the 28th, when the barometer fell to between 28·5 ins. and 28·7 ins. over the Irish Sea and the north of England, and to 29·0 ins. and less in nearly all other parts of the kingdom. *Range* was moderate generally, but rather large in some of our central districts.

Depressions were rather numerous, and travelled, as a rule, in a north-easterly direction. The most important systems were:—(1.) A well marked secondary disturbance which travelled with unusual rapidity across Ireland, England, and the North Sea on the 24th, and which occasioned severe gales from South-west and West over the inland parts of England; (2.) A rather deep depression, with minimum readings below 28·6 ins., which advanced north-eastwards to the Irish Sea between the 27th and 28th. After moving eastwards across the north of England, the latter system passed very slowly southwards down our east coasts and gradually dispersed.

Anticyclones.—The only anticyclone observed in the immediate neighbourhood of our islands spread in from the south-westward on the 13th, and ultimately became united with another system over northern Europe. On the 19th, however, the system moved away in a south-westerly direction to the Atlantic.

Winds were extremely variable in the west, but mostly from some Westerly quarter in the eastern parts of the kingdom. Gales were rather frequent on our western coasts, the number being as large as 10 at Holyhead, and 9 at Malin Head and Scilly.

Temperature.—*Mean at sea level* ranged from 45° and upwards on our extreme south-west coasts, to 40° and less over the northern and central parts of Scotland, the distribution in the intervening regions being somewhat irregular. The actual values were in most cases in excess of the average,* but on the Irish coasts, as well as in Wales, the north-west of England, and isolated portions of Scotland, there was a slight deficit. *Highest* readings were recorded, as a rule, on the 21st and 22nd, when the thermometer rose to 60° and upwards at several of the English stations, and to 66° at Hereford, Strathfield Turgiss, and Southampton. *Lowest* readings were registered mostly between the 2nd and 4th, when sharp frost prevailed very generally; at the northern and inland stations the absolute minima were in nearly all cases below 25°, the lowest readings of all being 14° at Braemar and 16° at Llandovery. *Range* was moderate as a whole, but large in some of the inland parts of England and Wales; at Hereford it amounted to 46°, and at Llandovery to 49°. *Vapour Tension* ranged from 0·27 in. at Scilly and 0·24 in. and upwards on our extreme west and south-west coasts generally, to 0·22 in. over the eastern and central parts of Great Britain, and to 0·20 in. at Aberdeen. *Relative Humidity* varied from 97 per cent. at Stornoway, and 96 per cent. at Dungeness, to 83 per cent. at Valencia, and 82 per cent. at Aberdeen.

Rainfall was slightly deficient in the central and western parts of Scotland, and also at some of the southern English stations. Elsewhere, however, the amount was more than the average,* the excess being rather considerable in the west. The largest aggregates for the month were 8·9 ins. at Glencarron, 6·4 ins. at Hawes Junction, and 5·7 ins. at Laudale; the smallest being 0·8 in. at the North Foreland, 1·2 ins. in London, and 1·3 ins. at Strathfield Turgiss. The heaviest fall in 24 hours occurred at our western stations on the 23rd, when over an inch was recorded in many places, and as much as 1·9 ins. at Llandovery. During the early part of the month the precipitation consisted mainly of snow showers.

Bright Sunshine amounted to less than the average* in most places, but was slightly in excess in the east and south-east of England, and largely in excess at Falmouth. More than 40 per cent. of the possible quantity was recorded at several of the English Channel stations, and as much as 47 per cent. at Falmouth. In many parts of our northern and north-western districts, however, there was less than 20 per cent., the smallest proportion (12 to 13 per cent.) being recorded at the two Manchester stations, Prestwich and Oldham Road.

* The averages employed are—*Pressure* and *Temperature* for the 20 years, 1871–90; *Rainfall* for the 25 years, 1866–90; and *Bright Sunshine* for the 10 years, 1881–90.

SUMMARY OF OBSERVATIONS, MARCH 1895.

TABLE V.—Giving a SUMMARY of the METEOROLOGICAL OBSERVATIONS made at TELEGRAPHIC
Observations are made at 8 a.m. daily, but the Numbers of Days of Rain, Snow, Hail,
(The Stations are grouped in Districts, and then arranged in order of Latitude,

NAMES OF DISTRICTS.	NAMES OF STATIONS.	Mean Height of Barometer (at 32° Fahrenheit and Mean Sea Level) from Observations made at 8 a.m.	Difference from Average.	AIR TEMPERATURE.								
				Means of					Absolute Extremes.			
				At 8 a.m.	Minima.	Maxima.	Min and Max. combined.	Difference from Average.	Minimum.	Date.	Maximum.	Date.
0. SCOTLAND, N.	Sumburgh Head	ins. 29° 523	in. -0° 228	38° 3	33° 9	43° 3	38° 6	+0° 3	21	3rd	49	16th
	Wick	29° 522	-271	39° 2	34° 6	44° 7	39° 7	+0° 3	23	3rd	55	21st
	Stornoway	29° 569	-209	38° 7	33° 2	45° 6	39° 4	-0° 3	24	3rd	53	22nd
1. SCOTLAND, E.	Nairn	29° 573	-237	39° 1	33° 7	46° 8	40° 3	+0° 5	22	12th	57	23rd
	Aberdeen	29° 593	-232	39° 9	35° 2	45° 9	40° 6	+0° 7	22	3rd	58	16th
	Leith	29° 604	-240	40° 3	36° 1	47° 3	41° 7	+0° 4	27	3rd	57	16th, 21st
2. ENGLAND, N.E.	Shields	29° 619	-261	39° 2	35° 4	47° 0	41° 2	+0° 6	24	3rd	58	21st
	York	29° 657	-251	39° 2	34° 7	48° 9	41° 8	+0° 7	22	3rd	61	22nd
	Spurn Head	29° 648	-248	39° 8	36° 2	46° 0	41° 1	+0° 4	27	4th	55	17th, 18th, 23rd, 24th.
3. ENGLAND, E.	Yarmouth	29° 698	-222	39° 7	35° 1	45° 9	40° 5	+0° 4	24	3rd	58	23rd
	Cambridge	29° 728	-213	39° 0	33° 8	51° 6	42° 7	+1° 1	25	3rd, 4th	62	22nd
4. MIDLAND COUNTIES	Loughborough	29° 697	-235	38° 5	34° 2	50° 2	42° 2	+0° 3	24	4th	61	17th
	Oxford	29° 735	-216	38° 8	34° 3	50° 1	42° 2	+0° 2	23	4th	64	22nd
5. ENGLAND, S.	London	29° 742	-208	39° 9	35° 7	50° 8	43° 3	+0° 6	25	3rd	64	22nd
	North Foreland	29° 735	-195	40° 3	35° 0	46° 7	40° 9	-0° 3	27	3rd	61	22nd
	Dungeness	29° 743	-195	38° 2	34° 2	44° 4	39° 3	-2° 4	22	3rd	53	19th, 22nd, 26th
	Hurst Castle	29° 757	-197	40° 0	36° 3	47° 6	42° 0	-0° 5	25	4th	58	21st
6. SCOTLAND, W.	Ardrossan	29° 617	-248	40° 7	37° 1	45° 4	41° 3	0° 0	30	3rd, 13th	53	21st
7. ENGLAND, N.W.	Hawes Junction*	28° 401	?	34° 9	30° 6	40° 3	35° 5	?	18	3rd	50	21st, 22nd
	Liverpool	29° 679	-232	39° 9	36° 9	46° 1	41° 5	-0° 4	28	4th	54	23rd, 24th
	Holyhead	29° 676	-231	41° 0	38° 0	45° 6	41° 8	-1° 3	30	3rd, 4th	52	21st
8. ENGLAND, S.W.	Pembroke	29° 717	-212	41° 4	38° 4	45° 2	41° 8	-1° 1	30	18th	51	17th
	Prawle Point	29° 768	-197	42° 1	37° 1	48° 2	42° 7	-0° 2	27	4th	62	21st
9. IRELAND, N.	Malin Head	29° 602	-263	41° 2	39° 1	45° 5	42° 3	-0° 3	31	4th	53	16th
	Donaghadee	29° 652	-230	40° 6	36° 2	47° 3	41° 8	-0° 4	29	13th	59	21st
	Belmullet	29° 663	-212	43° 9	40° 1	47° 8	43° 9	-1° 0	33	12th	52	23rd
10. IRELAND, S.	Parsonstown	29° 699	-226	39° 9	36° 2	49° 7	43° 0	+0° 6	26	4th, 5th	60	16th
	Valencia (Cahiriveen)	29° 735	-199	44° 5	40° 0	50° 2	45° 1	-0° 6	31	13th	54	23rd, 27th
	Roche's Point	29° 728	-199	43° 4	39° 6	50° 1	44° 9	+0° 2	33	4th	60	20th
CHANNEL ISLANDS	Scilly (St. Mary's)	29° 758	-189	45° 5	41° 4	49° 7	45° 6	-0° 4	37	4th, 5th	54	14th, 22nd
	Jersey	29° 815	-146	42° 4	38° 3	48° 1	43° 2	-1° 5	32	4th, 6th	56	18th

* Hawes Junction is 1,135 feet above Mean Sea Level, and the

SUMMARY OF OBSERVATIONS, MARCH 1895.

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REPORTING STATIONS in the BRITISH ISLANDS during the Month of MARCH 1895.

Thunderstorms, and Gales are counted irrespective of the Hours at which they occurred.

beginning in each case with the Station lying furthest North.)

TENSION OF VAPOUR.	RELATIVE HUMIDITY.	AMOUNT OF CLOUD.	RAINFALL.				WEATHER, No. of Days of							WIND, No. of Observations of								
			Total Fall in the Month.	Difference from Average.	Maximum Fall in One Day.	Date.	Rain.	Snow.	Hail.	Thunderstorms.	Clear Sky.	Overcast.	Gales.	North.	N.E.	East.	S.E.	South.	S.W.	West.	N.W.	Calms.
in. ° 207	% 90	8'4	ins. 2'40	ins. -0'39	ins. 0'22	4th, 21st	26	3	0	0	0	18	0	3	4	2	2	5	2	6	4	3
*208	87	6'0	2'37	+0'35	0'60	2nd	17	3	0	0	5	10	4	4	1	4	3	4	2	9	3	1
*229	97	7'8	3'37	-0'42	0'51	23rd	25	5	3	0	1	20	4	6	0	4	2	3	4	4	3	5
*206	86	6'5	2'72	+1'04	0'62	28th	22	2	0	0	3	9	2	2	3	1	0	0	4	11	1	9
*201	82	6'4	3'53	+1'20	0'96	28th	23	8	0	0	0	8	7	1	4	2	0	4	7	7	6	0
*219	88	8'5	1'66	+0'25	0'37	27th	21	0	2	0	2	22	0	1	3	2	1	1	8	7	5	3
*220	92	7'9	2'09	+0'34	0'45	27th	18	3	0	0	0	14	2	2	1	0	0	6	11	5	4	2
*214	89	6'4	2'05	+0'32	0'40	19th	19	1	0	1	9	15	0	5	0	1	5	7	1	6	5	1
*217	89	7'5	2'17	+0'95	0'40	9th	17	3	2	0	2	16	1	3	0	0	4	6	6	7	5	0
*210	86	5'5	1'63	-0'19	0'22	27th	18	3	3	0	8	5	2	1	2	0	0	7	8	6	7	0
*218	92	8'3	1'45	+0'05	0'39	27th	14	4	0	0	4	23	1	3	1	0	0	7	13	2	4	1
*208	90	8'2	1'70	+0'06	0'32	28th	17	5	3	0	0	15	5	1	0	1	5	3	3	8	8	2
*214	91	8'1	1'46	-0'13	0'37	26th	15	3	0	0	4	21	1	2	1	0	3	5	10	5	3	2
*216	88	7'4	1'23	-0'26	0'37	26th	16	4	2	0	6	17	5	1	1	1	2	6	10	4	5	1
*219	88	7'9	0'84	?	0'26	9th	9	5	1	0	3	19	2	3	1	0	5	1	7	8	6	0
*222	96	7'7	1'35	-0'48	0'26	27th	14	2	0	0	0	13	2	4	2	0	2	4	10	4	3	2
*218	89	6'9	1'70	-0'13	0'50	26th	16	3	1	0	1	15	2	2	5	2	1	2	10	5	4	0
*231	91	7'4	2'21	-0'23	0'62	23rd	24	2	1	0	4	19	0	3	4	4	2	5	2	6	4	1
*197	97	8'2	6'43	?	1'81	23rd	22	5	0	0	0	21	0	1	1	2	6	8	5	4	4	0
*216	88	7'3	2'79	+1'07	0'45	6th	21	1	0	0	4	16	2	0	0	2	5	4	4	7	8	1
*235	92	8'7	3'65	+1'38	0'62	25th	21	3	2	0	0	19	10	4	0	1	3	5	6	6	3	3
*238	91	7'2	3'34	+0'94	0'71	23rd	22	2	1	0	5	18	6	2	4	1	2	2	9	7	4	0
*230	86	8'3	2'64	+0'69	0'54	12th	20	3	3	0	0	13	7	2	3	3	2	3	6	6	6	0
*233	91	8'2	2'49	?	0'66	20th	24	2	1	0	2	21	9	5	1	2	2	10	6	4	1	0
*238	94	7'9	3'45	+1'40	0'86	27th	24	1	0	0	0	14	3	3	3	1	2	3	7	11	1	0
*249	87	8'0	4'59	?	0'60	7th	28	0	3	2	2	18	2	5	4	1	1	4	10	2	4	0
*225	92	6'9	2'96	+0'63	0'47	24th	18	1	4	1	2	13	0	1	0	1	2	3	1	6	2	15
*243	83	7'4	4'53	+0'33	1'01	23rd	23	0	4	0	0	14	5	3	2	2	3	3	4	4	5	5
*243	86	6'3	4'22	+0'51	1'10	23rd	14	0	3	0	0	11	4	7	2	0	1	3	6	6	6	0
*266	88	7'6	2'29	-0'11	0'58	26th	17	0	2	1	0	11	9	4	1	1	2	7	3	6	7	0
*233	86	7'2	2'47	+0'14	0'46	11th	23	4	5	0	3	16	4	3	3	2	3	4	5	5	5	1

barometer at this station is not reduced for altitude.

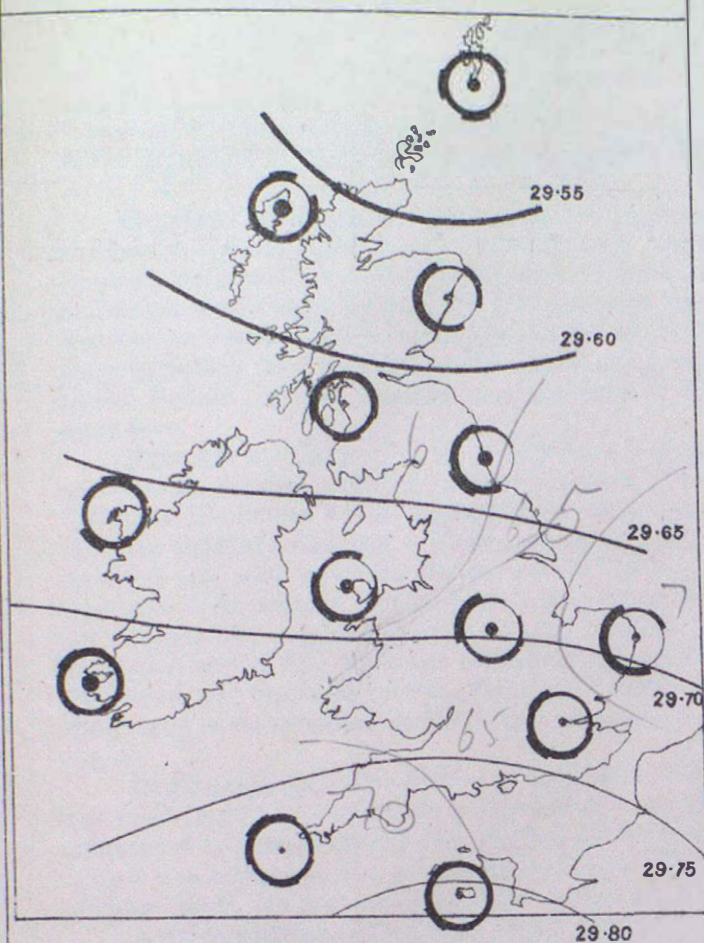
TABLE VI.

OBSERVATIONS of TEMPERATURE, RAINFALL, and BRIGHT SUNSHINE, obtained from the VALUES supplied for use in the WEEKLY WEATHER REPORT for the Month of MARCH 1895.

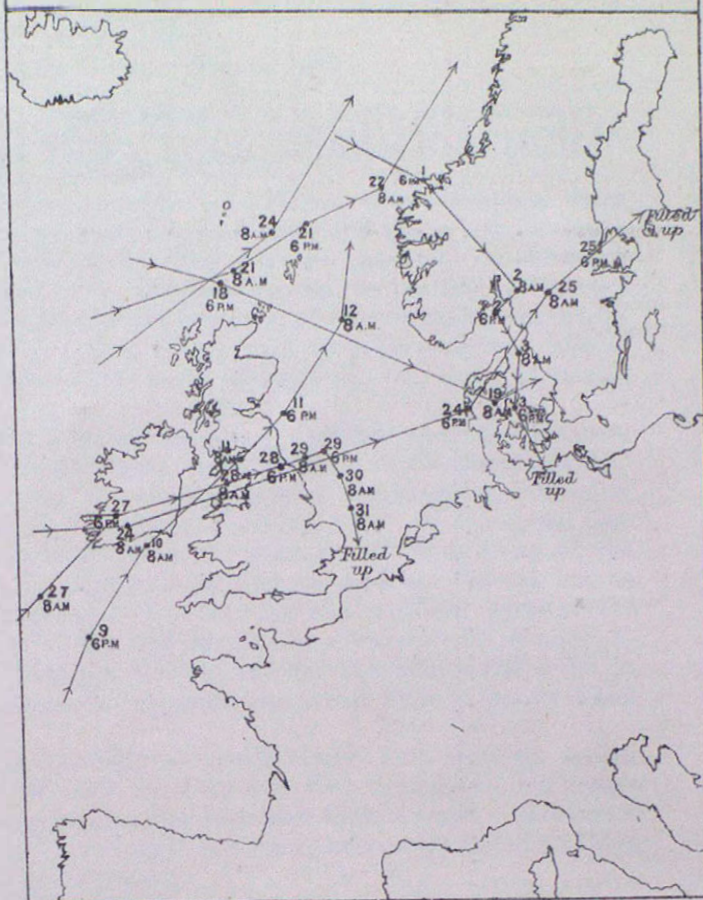
STATIONS.	AIR TEMPERATURE.								RAINFALL.					BRIGHT SUNSHINE.			
	Means of				Absolute Extremes.				No. of Rainy Days.	Total Fall in the Month.	Difference from Average.	Maximum Fall in One Day.	Date.	No. of Hours recorded.	Difference from Average.	Per-centage of possible Duration.	Difference from Average.
	Minima.	Maxima.	Min. and Max. combined.	Difference from Average.	Minimum.	Date.	Maximum.	Date.									
	°	°	°	°	°	°	°	°		ins.	ins.	ins.	°	101'7	+ 3'1	%	%
STORNOWAY	°	°	°	°	°	°	°	°	•				•	—	—	—	+ 1
GLENCARRON	32'4	44'2	38'3	- 0'2	18	2nd	53	22nd	26	8'91	+ 1'66	1'04	23rd	60'2	?	17	?
FORT AUGUSTUS	33'7	45'2	39'5	- 0'1	22	12th	57	22nd	23	4'80	+ 1'83	0'78	28th	72'4	?	20	?
FORT WILLIAM	36'5	45'1	40'8	+ 0'3	26	3rd, 4th	52	17th	25	5'25	- 0'84	1'38	23rd	101'8	- 9'8	28	- 3
ABERDEEN	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BRAEMAR	29'8	40'3	35'1	- 1'4	14	12th	49	21st, 22nd, 24th	16	2'29	- 0'20	0'77	28th	56'8	?	16	?
EDINBURGH	•	•	•	•	•	•	•	•	•	•	•	•	•	65'3	?	18	?
OGHTERTREE	34'2	47'0	40'6	+ 1'2	22	2nd	56	21st	22	2'74	- 0'05	0'59	27th	—	—	—	—
MARCHMONT	33'9	41'6	37'8	- 1'2	22	2nd	55	21st	15	2'97	+ 0'50	0'81	27th	65'3	?	18	?
ALNWICK CASTLE	36'6	44'8	40'7	+ 0'8	25	3rd	56	22nd	23	2'83	+ 0'48	0'71	27th	—	—	—	—
DURHAM	33'4	46'7	40'1	0'0	22	3rd	60	21st	21	1'92	- 0'24	0'44	9th	91'1	- 13'2	25	- 4
SCARBOROUGH	35'8	46'9	41'4	+ 0'4	25	3rd	59	21st	15	1'50	- 0'39	0'25	9th	—	—	—	—
OSWALDKIRK	•	•	•	•	•	•	•	•	•	•	•	•	•	87'1	?	24	?
YORK	•	•	•	•	•	•	•	•	•	•	•	•	•	85'4	- 13'1	23	- 4
HILLINGTON	34'3	49'6	42'0	+ 0'6	24	3rd	60	23rd	19	2'45	+ 0'79	0'29	9th	122'2	+ 15'7	34	+ 5
GELDESTON	34'1	50'0	42'1	+ 0'5	23	3rd	62	23rd	18	1'79	+ 0'22	0'29	27th	135'4	+ 11'3	37	+ 3
CAMBRIDGE	•	•	•	•	•	•	•	•	•	•	•	•	•	110'5	- 7'6	30	- 1
ROTHAMSTED	34'3	49'2	41'8	+ 0'9	24	3rd	60	22nd	18	1'77	+ 0'04	0'35	27th	98'3	?	27	?
BAWTRY	35'0	49'3	42'2	+ 1'0	25	2nd	62	18th	13	1'50	- 0'21	0'37	9th	—	—	—	—
WORKSOP	•	•	•	•	•	•	•	•	•	•	•	•	•	80'1	- 18'0	22	- 5
STAMFORD (KETTON HALL).	34'2	50'3	42'3	+ 0'5	24	12th	62	22nd	20	1'81	+ 0'36	0'27	19th	—	—	—	—
THURCASTON	•	•	•	•	•	•	•	•	•	•	•	•	•	83'4	- 3'1	23	- 1
CHIDDLE	34'0	46'8	40'4	+ 0'4	23	4th	58	18th	19	2'49	+ 0'18	0'37	28th	—	—	—	—
SOLIHULL	34'6	47'1	40'9	- 0'2	24	3rd	59	21st	18	2'12	•	0'31	8th	—	—	—	—
CHURCHSTOKE	33'8	48'5	41'2	+ 0'8	20	3rd	61	22nd	18	2'03	+ 0'02	0'37	28th	103'7	- 1'5	28	- 1
HEREFORD	34'8	50'3	42'6	+ 0'3	20	3rd	66	22nd	17	1'69	- 0'05	0'32	26th	—	—	—	—
CIRENCESTER	32'7	48'4	40'6	0'0	19	th	61	22nd	19	2'46	+ 0'37	0'44	26th	98'8	- 11'4	27	- 3
OXFORD	•	•	•	•	•	•	•	•	•	•	•	•	•	101'5	- 10'1	28	- 3
LONDON	•	•	•	•	•	•	•	•	•	•	•	•	•	94'2	+ 9'1	26	+ 3
MARGATE	•	•	•	•	•	•	•	•	•	•	•	•	•	126'9	?	35	?
STRATHFIELD TURGISS	33'8	51'3	42'6	+ 0'5	23	14th	66	22nd	19	1'34	- 0'22	0'43	26th	—	—	—	—
HASTINGS	36'1	46'8	41'5	- 1'3	25	4th	55	21st, 22nd	16	2'28	+ 0'34	0'42	26th	128'9	- 6'8	35	- 2
EASTBOURNE	•	•	•	•	•	•	•	•	•	•	•	•	•	140'3	?	39	?
BRIGHTON	•	•	•	•	•	•	•	•	•	•	•	•	•	125'3	?	34	?
WESTBOURNE (SUSSEX).	•	•	•	•	•	•	•	•	•	•	•	•	•	152'0	?	42	?
SOUTHAMPTON	36'7	51'4	44'1	+ 0'9	26	3rd, 4th	66	21st	13	1'75	- 0'27	0'48	26th	120'8	- 5'4	33	- 2
STOWELL	34'2	48'1	41'2	- 0'4	24	4th, 5th	59	22nd	24	2'68	?	0'46	12th	—	—	—	—
LAUDALE	36'2	48'2	42'2	+ 1'1	21	4th	59	22nd	24	5'65	- 0'94	1'00	23rd	—	—	—	—
GLASGOW	36'4	45'2	40'8	+ 0'5	29	2nd, 3rd	54	21st	18	2'05	- 0'43	0'44	23rd	59'5	- 21'2	16	- 6
GLENLEE	34'5	45'5	40'0	+ 0'6	26	3rd	56	21st	26	4'45	+ 0'54	1'03	23rd	—	—	—	—
DOUGLAS	36'7	46'2	41'5	- 0'1	27	3rd	56	21st	20	4'36	+ 1'51	0'91	27th	97'0	- 23'4	27	- 6
STONTHURST	34'6	44'7	39'7	- 0'9	25	3rd, 4th	51	17th, 23rd, 24th	22	4'37	+ 0'93	1'00	23rd	66'8	- 30'7	18	- 9
BLACKPOOL	34'6	45'5	40'1	- 1'0	24	4th	52	23rd	20	3'31	+ 1'06	0'86	24th	78'1	- 15'5	21	- 5
MANCHESTER (PREST-WICH).	34'3	46'4	40'4	- 0'6	21	5th	55	18th	25	3'13	+ 0'67	0'48	23rd	45'7	?	13	?
„ (OLDHAM RD.)	•	•	•	•	•	•	•	•	•	•	•	•	•	42'7	?	12	?
LLANDUDNO	37'8	47'2	42'5	- 0'6	28	3rd	55	23rd	21	3'47	+ 1'48	0'47	24th	88'8	- 2'4	24	- 1
LLANDOVERY	33'4	49'9	41'7	- 1'0	16	4th	65	17th	22	5'40	+ 1'80	1'88	23rd	—	—	—	—
PEMBROKE	•	•	•	•	•	•	•	•	•	•	•	•	•	126'6	- 3'2	35	- 1
BRISTOL (MONTPELIER)	36'1	50'1	43'1	+ 0'7	28	4th	59	18th	17	2'76	+ 0'43	0'48	27th	—	—	—	—
TENBY	•	•	•	•	•	•	•	•	•	•	•	•	•	122'2	?	34	?
ARLINGTON	34'7	47'2	41'0	- 0'4	28	4th	58	22nd	22	4'60	+ 1'06	0'76	27th	—	—	—	—
CULLOMPTON	35'8	50'7	43'3	+ 0'7	27	6th, 14th	65	22nd	17	3'03	+ 0'56	0'70	26th	116'6	- 2'6	32	- 1
TORQUAY	•	•	•	•	•	•	•	•	•	•	•	•	•	151'8	?	42	?
NEWQUAY	•	•	•	•	•	•	•	•	•	•	•	•	•	140'1	?	38	?
FALMOUTH	39'1	49'6	44'4	0'0	33	3rd, 4th	58	22nd	16	2'82	- 0'59	0'64	26th	170'7	+ 40'9	47	+ 11
PLYMOUTH	37'0	48'1	42'6	- 1'6	28	14th	60	21st	18	2'94	+ 0'31	0'64	26th	120'9	- 10'5	33	- 3
SCILLY	•	•	•	•	•	•	•	•	•	•	•	•	•	161'7	?	44	?
GUERNSEY	•	•	•	•	•	•	•	•	•	•	•	•	•	160'3	?	44	?
JERSEY	•	•	•	•	•	•	•	•	•	•	•	•	•	143'6	- 5'5	39	- 2
LONDONERRY	38'1	48'4	43'3	+ 0'8	30	4th	59	16th	27	3'55	+ 0'78	0'60	20th	—	—	—	—
EDENFEL (OMAGH)	36'3	46'9	41'6	+ 0'5	25	4th	54	14th, 23rd	26	3'50	+ 1'12	0'49	27th	—	—	—	—
MARKREE CASTLE	36'4	49'4	42'9	+ 0'9	22	13th	61	21st	24	4'04	+ 1'55	0'52	27th	79'8	- 21'5	22	- 6
BROOKEBOROUGH	36'6	47'8	42'2	+ 1'4	24	13th	58	16th, 21st	24	3'76	+ 0'94	0'54	27th	—	—	—	—
ARMAGH	37'0	48'0	42'5	+ 1'3	26	4th	59	21st	22	3'39	+ 1'29	1'12	27th	80'9	- 12'2	22	- 4
EDGEWORTHSTOWN	35'8	47'9	41'9	+ 0'8	23	13th	59	21st	21	3'67	+ 0'86	0'66	27th	—	—	—	—
ARLEY COTTAGE (COUNTY CAVAN).	•	•	•	•	•	•	•	•	•	•	•	•	•	70'5	?	19	?
DUBLIN	38'9	49'3	44'1	+ 0'6	30	4th, 12th, 13th	59	16th	19	2'75	+ 0'64	0'57	27th	110'3	- 4'6	30	- 2
PARSONSTOWN	•	•	•	•	•	•	•	•	•	•	•	•	•	95'7	- 17'9	26	- 5
KILKENNY CASTLE	36'9	50'5	43'7	+ 0'5	26	13th	59	22nd	16	3'86	+ 1'68	1'36	23rd	—	—	—	—
VALENCIA (CAHIR-CIVERN).	•	•	•	•	•	•	•	•	•	•	•	•	•	120'1	- 12'5	33	- 3
KILLARNEY	37'4	51'7	44'6	+ 0'1	25	4th, 5th	59	16th	21	4'67	?	1'15	23rd	—	—	—	—
FOYNES	38'8	48'9	43'9	+ 0'3	30	12th	59	16th	17	3'08	?	0'71	23rd	—	—	—	—

* For information, see Table V.

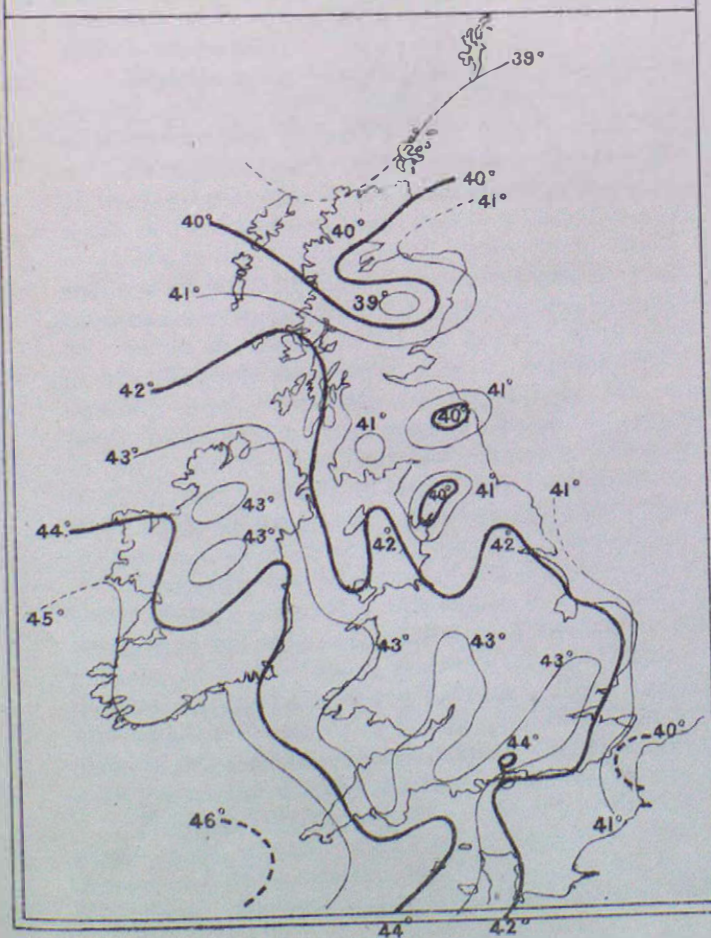
1. BAROMETER AND WIND.



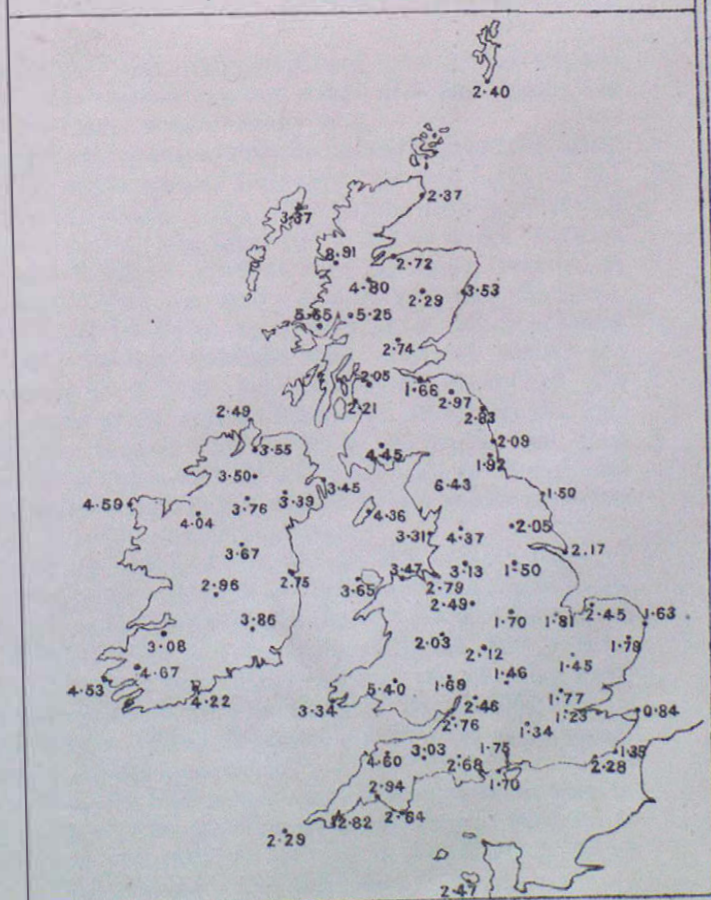
2. MOVEMENTS OF DEPRESSIONS.



3. DISTRIBUTION OF MEAN TEMPERATURE.



4 RAINFALL.



SUMMARY of the OBSERVATIONS made at the STATIONS included in the DAILY and WEEKLY WEATHER REPORTS, for the CALENDAR MONTH,

APRIL 1895.

(Issued as a Supplement to the Weekly Weather Report, 1895.)

ISSUED BY THE METEOROLOGICAL OFFICE, 63, VICTORIA STREET, LONDON; R. H. SCOTT, F.R.S., SECRETARY.
PUBLISHED BY EYRE AND SPOTTISWOODE, EAST HARDING STREET, FLEET STREET, E.C.; JOHN MENZIES & Co., 12, HANOVER ST.,
EDINBURGH, and 90, WEST NILE STREET, GLASGOW; AND HODGES, FIGGIS, & Co., LIMITED, 104, GRAFTON STREET, DUBLIN.

General Summary.—The weather of April was very variable—cold at first, with occasional snow showers in the north and east, then fairly mild, with dry weather about the middle of the month, but with frequent rains and occasional thunderstorms during the third week. Fog was very prevalent on our south and south-west coasts between the 8th and 10th, and again in the English Channel on the 19th. Pressure was low in the north, but rather high in the south; temperature was in excess of the average; the winds were variable; rainfall was less than the normal excepting in the western and extreme northern parts of Great Britain; bright sunshine was deficient in Ireland and the south of England, but fairly abundant elsewhere.

Pressure.—*Mean for the month at 8 a.m.* ranged from 29·9 ins. and upwards over the Channel and the central and southern parts of England, to between 29·75 ins. and 29·76 ins. in the Shetlands and Hebrides, the values being slightly above the average* over the southern half of the kingdom, but below it in the northern districts. *Highest* readings were recorded mostly on the 11th, when the barometer rose to 30·5 ins. and upwards in the west of Ireland and to 30·3 ins. or more in all other parts of the kingdom. At some of our northern and eastern stations, however, the highest readings (30·35 ins. to 30·40 ins.) were registered on the 14th. *Lowest* readings were observed over the northern parts of the kingdom on the 6th, when the barometer ranged from 28·9 ins. and less in the north-east of Scotland to 29·1 ins. and less in the north of England. Over the southern districts the lowest readings (29·3 ins. to 29·5 ins.) were recorded on the 25th. *Range* was moderate in the south, but rather large in the west and north.

Depressions.—The centres of these moved as a rule outside our north-western and northern coasts, the most important depression being that of the 6th. Between the 15th and 18th, a complex but rather ill-defined system advanced over our islands from Spain, while on the 26th and 27th a small disturbance, which was formed in the neighbourhood of the Irish Sea, moved south-eastwards across the north and east of England to the north-east of France, where it gradually dispersed.

Anticyclones.—Two only were observed in our immediate neighbourhood. The first of these spread over our islands from the Atlantic between the 2nd and 4th, but soon moved away to the southward. The second advanced from the south-westward on the 10th and remained with us until the 16th, when it travelled away to northern Europe. During the latter part of the month the distribution of pressure was mainly cyclonic.

Winds were very variable in all districts, but chiefly from the South-westward over the eastern and central parts of Great Britain. Scarcely any gales were experienced on our south and east coasts, but at Aberdeen and Holyhead there were 6, while at Stornoway there were as many as 7.

Temperature.—*Mean at Sea Level* ranged from 49° and upwards over the inland parts of the south of England and also in the Channel Islands and the extreme south-west of Ireland, to 45° and less over the north of Scotland generally, and to a little below 42° in the Shetlands. The mean values were in nearly all cases above the average,* the excess being small in many places, but large (2° to 3°) at a few isolated stations situated in the western and northern parts of Great Britain. *Highest* readings were recorded at various times in the different districts, but mainly between the 17th and 23rd; over Ireland and Scotland, as a whole, the thermometer did not rise much above 60°, but at Londonderry it reached 68°, while at many of the English stations it rose to between 65° and 67°. *Lowest* readings were observed during the opening week,—mostly on the 1st or 5th, when sharp frost was experienced in nearly all the northern and inland districts; at Cheadle the thermometer fell to 23° and at Sumburgh Head (on the 4th) to 22°. *Range* was moderate generally. *Vapour Tension* ranged from 0·30 in. at Scilly and from 0·27 in. and upwards on all our southern coasts to 0·24 in. at Sumburgh Head, York, and Liverpool, and to 0·23 in. at Aberdeen. *Relative Humidity* was below 80 per cent. in the east of Scotland, but exceeded 90 per cent. in the Shetlands and the Hebrides, as well as at Scilly and Dungeness.

Rainfall was in excess of the average* in the north of Scotland and also in the western parts of Great Britain generally. Elsewhere there was a deficit—slight in many places, but large at some stations situated in the east and south-east of England. The largest amounts reported were 5·9 ins. at Glencarron, 5·3 ins. at Fort William, and 3·7 ins. at Glenlee; the smallest being 0·7 in. at Spurn Head, and 0·8 in. at Geldeston and the North Foreland. The number of rainy days was rather large in the extreme west, but small in the east; at Glencarron, Belmullet, and Killarney there were as many as 23 recorded, but at some of our eastern stations only 10, and at Scarborough only 8. Snow or sleet showers were experienced over the northern and eastern parts of Great Britain during the opening week.

Bright Sunshine was deficient in Ireland and the south and south-west of England, but was in excess of the normal in most other localities. The per-centage of the possible duration ranged from 46 at Jersey, and 40 or more on the south-west coasts of England generally, as well as at Aberdeen, to 26 at Manchester (Oldham Road), 25 at Parsonstown, and 23 at Fort Augustus and Braemar.

* The averages employed are—*Pressure* and *Temperature* for the 20 years, 1871–90; *Rainfall* for the 25 years, 1866–90; and *Bright Sunshine* for the 10 years, 1881–90.

TABLE VII.—Giving a SUMMARY of the METEOROLOGICAL OBSERVATIONS made at TELEGRAPHIC
Observations are made at 8 a.m. daily, but the Numbers of Days of Rain, Snow, Hail,
(The Stations are grouped in Districts, and then arranged in order of Latitude,

NAMES OF DISTRICTS.	NAMES OF STATIONS.	Mean Height of Barometer (at 32° Fahrenheit and Mean Sea Level) from Observations made at 8 a.m.	Difference from Average.	AIR TEMPERATURE.								
				Means of					Absolute Extremes.			
				At 8 a.m.	Minima.	Maxima.	Min. and Max. combined.	Difference Average.	Minimum.	Date.	Maximum.	Date.
0. SCOTLAND, N.	Sumburgh Head	ins. 29°754 -0°086	ins. 41°6	30°6	46°1	41°4	0°0	22	4th	54	20th	
	Wick	29°742 -1°106	43°6	38°1	50°2	44°2	+1°3	28	4th	60	22nd, 23rd	
	Stornoway	29°761 -0°063	44°2	38°3	49°7	44°0	+0°9	30	4th, 5th	56	20th, 24th	
1. SCOTLAND, E.	Nairn	29°773 -0°075	45°6	37°1	53°6	45°4	+1°3	27	14th	63	21st	
	Aberdeen	29°818 -0°040	44°7	38°4	51°4	44°9	+1°2	29	4th, 16th	63	23rd	
	Leith	29°831 -0°032	45°8	39°0	53°5	46°3	+1°3	28	14th	64	23rd	
2. ENGLAND, N.E.	Shields	29°853 -0°013	44°9	38°2	51°7	45°0	+1°2	29	4th	64	23rd	
	York	29°882 +0°007	44°5	38°3	55°7	47°0	+1°4	29	8th, 15th	64	21st	
	Spurn Head	29°866 +0°003	45°2	40°4	50°3	45°4	+1°0	34	5th	59	21st, 23rd	
3. ENGLAND, E.	Yarmouth	29°889 +0°017	45°2	39°9	50°5	45°2	+0°7	30	5th	62	10th	
	Cambridge	29°914 +0°034	45°6	38°5	58°1	48°3	+1°7	27	14th	66	20th, 24th	
4. MIDLAND COUNTIES	Loughborough	29°900 +0°021	44°1	39°0	56°3	47°7	+1°1	29	15th	65	23rd	
	Oxford	29°910 +0°026	45°1	40°1	55°8	48°0	+1°5	29	1st	62	9th, 16th, 19th, 20th, 23rd, 29th	
5. ENGLAND, S.	London	29°909 +0°031	46°6	40°9	57°2	49°1	+1°2	30	1st	67	17th, 20th	
	North Foreland	29°905 +0°035	46°1	41°7	51°9	46°8	+1°2	33	6th	63	10th	
	Dungeness	29°895 +0°031	45°0	40°8	50°4	45°6	-0°7	31	1st	59	11th, 17th	
	Hurst Castle	29°905 +0°034	46°1	42°1	52°7	47°4	+0°8	32	1st	62	17th	
6. SCOTLAND, W.	Ardrossan	29°831 -0°026	44°8	39°9	51°0	45°5	0°0	32	7th	59	15th, 16th	
7. ENGLAND, N.W.	Hawes Junction*	28°614 ?	39°9	33°9	48°9	41°4	?	25	5th	57	24th, 28th	
	Liverpool	29°882 +0°015	46°0	41°2	53°7	47°5	+1°0	33	5th	61	21st	
	Holyhead	29°875 +0°018	45°7	41°6	50°5	46°1	-0°6	35	5th	58	20th	
8. ENGLAND, S.W.	Pembroke	29°897 +0°045	44°9	41°3	48°9	45°1	-1°1	32	5th	57	15th	
	Prawle Point	29°908 +0°032	46°4	41°5	51°2	46°4	+0°1	35	1st	58	28th	
9. IRELAND, N.	Malin Head	29°807 -0°033	45°4	42°6	50°7	46°7	+0°8	35	5th	58	28th	
	Donaghadee	29°857 -0°002	45°5	40°2	51°6	45°9	+0°4	30	5th	58	19th, 23rd	
	Belmullet	29°839 +0°004	47°8	43°6	53°4	48°5	+0°3	32	4th	60	15th	
10. IRELAND, S.	Parsonstown	29°869 +0°005	45°5	40°0	55°1	47°6	+1°3	30	3rd, 12th	62	17th	
	Valencia	29°862 +0°008	49°0	44°3	54°3	49°3	+0°9	36	5th	60	15th	
	Roche's Point	29°887 +0°036	47°4	43°5	52°9	48°2	+0°3	35	3rd, 4th	58	10th	
CHANNEL ISLANDS	Seilly	29°886 +0°030	48°2	44°7	51°8	48°3	-0°1	39	1st	57	23rd, 24th, 29th	
	Jersey	29°931 +0°059	47°8	43°7	54°6	49°2	+0°3	33	1st	63	21st	

* Hawes Junction is 1,135 feet above mean sea level, and the

SUMMARY OF OBSERVATIONS, APRIL 1895.

XV

REPORTING STATIONS in the BRITISH ISLANDS during the Month of APRIL 1895.

Thunderstorms, and Gales are counted irrespective of the Hours at which they occurred.

beginning in each case with the Station lying furthest North.)

TENSION OF VAPOUR.	RELATIVE HUMIDITY.	AMOUNT OF CLOUD.	RAINFALL.				WEATHER.							WIND.								
			Total Fall in the Month.	Difference from Average.	Maximum Fall in One Day.	Date.	No. of Days of							No. of Observations of								
							Rain.	Show.	Hail.	Thunderstorms.	Clear Sky.	Overcast.	Gales.	North.	N.E.	East.	S.E.	South.	S.W.	West.	N.W.	Calm.
in.	%		ins.	ins.	ins.	5th																
0.237	91	8.1	2.67	+0.60	0.46	5th	18	3	0	0	0	20	3	2	3	1	7	1	2	4	3	7
248	87	7.2	2.39	+0.71	0.43	25th	17	3	0	0	5	16	4	4	1	2	4	8	3	2	6	0
270	93	8.2	3.15	+0.50	1.10	5th	18	2	0	0	2	22	7	5	4	2	0	5	4	3	3	4
252	82	6.5	1.41	+0.15	0.60	26th	15	1	0	0	0	11	2	3	0	2	0	2	3	9	1	10
234	79	6.3	1.52	-0.64	0.31	24th	17	3	0	0	1	10	6	3	0	2	6	4	7	3	5	0
244	79	7.8	0.89	-0.68	0.34	25th	14	0	0	0	1	17	0	0	3	6	4	1	6	6	1	3
254	86	7.3	1.46	-0.34	0.83	25th	10	1	1	1	0	11	0	4	4	0	1	5	10	5	2	1
239	81	4.8	1.45	-0.30	0.58	25th	11	0	0	0	13	7	0	5	3	4	1	6	4	5	2	0
253	85	7.2	0.68	-0.77	0.21	26th	10	0	0	1	1	15	0	2	5	2	2	5	6	4	4	0
258	86	6.0	0.93	-0.77	0.26	25th	12	1	0	0	5	7	0	4	6	2	3	4	4	6	1	0
265	87	7.1	0.88	-0.81	0.19	27th	12	0	0	0	5	18	0	4	4	3	0	4	13	0	0	2
247	85	6.9	2.06	+0.28	0.51	25th	15	1	0	0	5	12	2	3	4	2	2	3	8	3	3	2
252	84	7.9	1.68	-0.10	0.64	25th	12	0	1	1	6	22	0	5	5	1	0	6	7	3	2	1
258	82	8.2	1.46	-0.38	0.53	25th	12	0	0	2	4	21	1	1	8	2	1	2	7	8	1	0
266	86	7.9	0.79	?	0.35	25th	12	0	0	0	3	18	1	1	4	4	1	6	4	7	2	1
275	92	7.9	0.88	-0.89	0.30	25th	13	0	0	0	0	13	1	2	9	3	0	4	9	2	1	0
273	88	7.0	2.02	+0.19	0.79	24th	10	0	0	0	4	15	0	3	6	2	2	3	9	2	1	2
267	90	6.7	2.23	+0.09	0.44	25th	22	0	0	0	6	13	1	1	8	1	3	7	3	3	3	1
223	91	6.5	2.91	?	0.51	22nd	17	2	0	1	3	11	0	5	3	4	2	4	5	4	3	0
236	77	5.9	1.79	+0.24	0.76	25th	13	0	0	0	8	12	3	0	3	4	8	1	7	5	2	0
268	88	6.5	2.53	+0.63	0.76	25th	14	0	0	0	2	12	6	2	3	5	0	7	7	1	4	1
265	90	5.3	2.66	+0.72	0.68	22nd	12	0	0	0	9	11	1	1	4	4	5	2	6	5	3	0
271	87	7.3	1.77	-0.30	0.50	6th	13	0	0	0	2	15	4	5	5	2	1	3	9	4	1	0
262	87	6.0	1.75	?	0.50	24th	17	0	0	1	8	15	3	2	1	4	4	7	5	3	4	0
264	87	6.1	1.97	+0.05	0.48	22nd	17	0	0	1	4	9	4	2	4	4	0	2	6	8	4	0
277	84	6.2	2.81	?	0.60	20th	23	0	0	0	3	13	2	4	5	5	2	2	6	4	2	0
260	86	7.4	1.96	-0.68	0.54	23rd	12	0	3	0	3	16	0	1	1	0	4	2	0	5	1	16
278	80	7.2	3.35	-0.48	0.86	20th	18	0	0	0	1	13	0	3	4	2	2	7	4	2	2	4
279	86	6.1	2.34	-0.90	0.65	22nd	13	0	1	1	2	10	2	5	1	2	4	3	6	3	5	1
302	91	6.7	2.20	-0.07	0.76	22nd	15	0	0	0	1	10	5	4	2	6	3	8	3	0	4	0
281	85	6.8	1.84	-0.24	0.38	22nd	13	1	0	0	3	13	3	2	2	5	4	2	3	7	4	1

Barometer at this station is not reduced for altitude.

TABLE VIII.

OBSERVATIONS of TEMPERATURE, RAINFALL, and BRIGHT SUNSHINE obtained from the VALUES supplied for use in the WEEKLY WEATHER REPORT, for the Month of APRIL 1895.

NAMES OF STATIONS.	AIR TEMPERATURE.								RAINFALL.					BRIGHT SUNSHINE.			
	Means of				Absolute Extremes.				No. of Rainy Days.	Total Fall in the Month.	Difference from Average.	Maximum Fall in One Day.	Date.	No. of Hours recorded.	Difference from Average.	Percentage of possible Duration.	Difference from Average.
	Minima.	Maxima.	Min. and Max. combined.	Difference from Average.	Minimum.	Date.	Maximum.	Date.									
STORNOWAY	°	°	°	°	°	*	°	*	*	ins.	ins.	ins.	*	122.8	-29.5	29	7
GLENCARRON	36.7	52.6	44.7	+1.8	27	2nd, 7th	66	18th	23	5.89	+1.63	1.40	5th	—	—	—	—
FORT AUGUSTUS	38.1	51.5	44.8	+0.8	28	7th, 8th	62	28th	17	2.69	+0.65	0.56	5th	96.3	?	23	?
FORT WILLIAM	39.3	52.8	46.1	+1.0	29	7th	63	18th	21	5.29	+1.75	1.14	5th	112.9	?	27	?
ABERDEEN	*	*	*	*	*	*	*	*	*	*	*	*	*	186.2	+43.2	44	+10
BRAEMAR	34.2	49.1	41.7	+0.8	25	4th, 8th, 15th, 16th.	59	18th	15	1.34	-1.02	0.36	25th	96.7	?	23	?
EDINBURGH	—	—	—	—	—	—	—	—	—	—	—	—	—	124.6	?	30	?
OCHTERTYRE	38.2	55.5	46.9	+2.8	26	7th	62	28th	16	2.12	-0.22	0.37	20th	—	—	—	—
MARCHMONT	38.2	48.7	43.5	+0.5	26	3rd, 4th	60	23rd	10	1.20	-1.21	0.49	25th	146.5	?	35	?
ALNWICK CASTLE	38.6	50.7	44.7	+1.9	28	15th	60	21st, 22nd	12	1.51	-0.77	0.78	25th	—	—	—	—
DURHAM	37.6	53.5	45.6	+1.7	27	8th	64	21st	11	1.33	-0.79	0.66	25th	144.8	+32.1	35	+8
SCARBOROUGH	38.9	54.8	46.9	+2.3	30	6th, 7th	63	20th, 22nd	8	1.06	-0.89	0.58	25th	—	—	—	—
OSWALDKIRK	—	—	—	—	—	—	—	—	—	—	—	—	—	150.3	?	36	?
YORK	*	*	*	*	*	*	*	*	*	*	*	*	*	151.8	+23.2	36	+5
HILLINGTON	38.6	55.9	47.3	+1.4	26	5th	66	17th, 20th	11	1.36	-0.39	0.34	25th	155.6	+9.6	37	+2
GELDESTON	38.1	54.7	46.4	+0.7	28	5th	66	20th	11	0.81	-0.71	0.22	1st	141.5	-21.9	34	-6
CAMBRIDGE	*	*	*	*	*	*	*	*	*	*	*	*	*	153.4	+5.6	37	+1
ROTHAMSTED	38.9	55.4	47.2	+1.7	29	1st	63	9th, 19th, 28th	15	1.40	-0.73	0.38	25th	137.3	?	33	?
BAWTRY	39.1	56.7	47.9	+1.9	29	4th, 11th, 12th, 14th.	66	21st, 29th	10	1.66	-0.02	0.57	25th	—	—	—	—
WORKSOP	—	—	—	—	—	—	—	—	—	—	—	—	—	139.9	+17.2	34	+4
STAMFORD (KETTON HALL).	38.4	56.2	47.3	+0.6	27	13th	64	21st, 22nd, 29th	13	1.26	-0.66	0.39	25th	—	—	—	—
THURCASTON	—	—	—	—	—	—	—	—	—	—	—	—	—	147.0	+31.6	35	+7
CHREADLE	37.6	54.0	45.8	+1.3	23	5th	61	9th, 24th	12	2.25	+0.14	0.84	25th	—	—	—	—
SOLIHULL	38.8	54.0	46.4	+0.7	28	1st, 5th	62	9th	15	2.76	?	0.83	25th	—	—	—	—
CHURCHSTOKE	37.5	54.2	45.9	+1.6	26	5th	62	21st, 23rd, 30th	15	2.11	+0.25	0.61	25th	148.1	+12.4	36	+3
HEREFORD	39.9	56.1	48.0	+1.7	29	1st, 5th, 13th	65	30th	16	1.99	+0.20	0.50	24th	—	—	—	—
CIRENCESTER	38.7	54.4	46.6	+1.4	25	13th	61	19th, 21st	13	1.88	-0.25	0.63	24th	156.5	+14.3	38	+3
OXFORD	*	*	*	*	*	*	*	*	*	*	*	*	*	136.2	-5.0	33	-1
LONDON	*	*	*	*	*	*	*	*	*	*	*	*	*	116.6	-7.7	28	-2
MARGATE	—	—	—	—	—	—	—	—	—	—	—	—	—	131.3	?	32	?
STRATHFIELD TURGIS	39.8	57.6	48.7	+1.9	26	1st	66	19th	11	1.73	-0.11	0.61	24th	—	—	—	—
HASTINGS	41.1	52.3	46.7	-0.7	31	2nd	63	17th	13	1.71	-0.31	0.51	6th	141.9	-24.7	35	-6
EASTBOURNE	—	—	—	—	—	—	—	—	—	—	—	—	—	148.0	?	36	?
BRIGHTON	—	—	—	—	—	—	—	—	—	—	—	—	—	149.5	?	36	?
WESTBOURNE (SUSSEX)	—	—	—	—	—	—	—	—	—	—	—	—	—	153.2	?	37	?
SOUTHAMPTON	41.9	56.8	49.4	+1.6	30	1st	66	19th	13	2.62	+0.49	0.82	24th	132.3	-30.3	32	-8
STOWELL	40.0	53.6	46.8	+0.6	30	1st	62	17th	17	2.63	?	0.91	24th	—	—	—	—
LAUDALE	39.6	56.0	47.8	+2.3	29	7th, 8th	63	18th	22	3.53	-0.45	0.89	5th	—	—	—	—
GLASGOW	40.5	52.4	46.5	+1.8	31	7th, 8th	59	28th	18	1.67	-0.52	0.31	25th	124.6	-1.9	30	0
GLENLEE	36.4	54.0	45.2	+1.4	24	5th	61	15th, 16th, 20th	21	3.67	+0.76	0.81	22nd	—	—	—	—
DOUGLAS	40.1	51.0	45.6	+0.4	32	8th	57	15th, 16th	16	2.71	+0.37	0.65	25th	143.6	-34.5	34	-9
STONYHURST	38.7	51.7	45.2	-0.1	30	3rd, 5th, 8th	58	20th, 21st, 28th	14	2.63	+0.23	0.63	5th	143.7	+7.8	34	+2
BLACKPOOL	38.9	53.9	46.4	+0.7	30	3rd	61	15th, 16th, 20th, 21st.	12	2.16	+0.46	0.63	25th	148.9	+4.8	36	+1
MANCHESTER (PRESTWICH).	39.1	53.5	46.3	+0.8	28	5th, 8th	62	21st	13	2.05	+0.07	0.61	25th	123.5	?	30	?
MANCHESTER (OLDHAM ROAD).	—	—	—	—	—	—	—	—	—	—	—	—	—	108.3	?	26	?
LLANDUDNO	41.9	52.9	47.4	+0.5	32	5th	64	20th	15	2.39	+0.58	1.08	25th	162.1	+24.0	39	+6
LLANDOVERY	38.8	56.4	47.6	+2.3	27	5th	66	17th, 28th	16	2.11	-0.68	0.37	22nd	—	—	—	—
PEMBROKE	*	*	*	*	*	*	*	*	*	*	*	*	*	157.9	-25.0	38	-6
BRISTOL (MONTPELLIER)	41.9	56.2	49.1	+2.2	31	1st	63	17th	14	3.01	+0.79	0.57	24th	—	—	—	—
TENBY	—	—	—	—	—	—	—	—	—	—	—	—	—	155.1	?	38	?
ARLINGTON	39.5	52.8	46.2	+1.1	32	1st, 5th, 14th	63	17th	18	2.74	-0.13	0.66	22nd	—	—	—	—
CULLOMPTON	42.8	56.1	49.5	+3.1	31	1st	64	17th	12	2.00	-0.58	0.64	24th	125.8	-19.6	31	-4
TORQUAY	—	—	—	—	—	—	—	—	—	—	—	—	—	166.8	?	41	?
NEWQUAY	—	—	—	—	—	—	—	—	—	—	—	—	—	153.4	?	37	?
FALMOUTH	43.0	52.1	47.6	+0.1	36	1st	58	19th	14	2.74	-0.29	0.98	22nd	180.0	+7.0	44	+2
PLYMOUTH	42.3	52.2	47.3	-1.1	33	1st	60	17th	16	2.44	+0.03	0.72	22nd	155.1	-14.0	38	-3
SCILLY	*	*	*	*	*	*	*	*	*	*	*	*	*	162.3	?	40	?
GUERNSEY	—	—	—	—	—	—	—	—	—	—	—	—	—	180.0	?	44	?
JERSEY	*	*	*	*	*	*	*	*	*	*	*	*	*	186.8	-0.8	46	0
LONDONDERRY	40.0	55.3	47.7	+1.0	33	4th, 5th	68	16th	19	2.00	-0.28	0.45	23rd	—	—	—	—
EDENFEL (OMAGH)	38.8	53.2	46.0	+0.6	33	1st, 27th, 28th	60	15th, 16th	17	2.04	-0.08	0.27	18th	—	—	—	—
MARKREE CASTLE	39.1	55.2	47.2	+1.4	30	30th	62	16th, 17th	20	2.54	+0.08	1.28	24th	145.9	-3.8	35	-1
BROOKEBOROUGH	38.8	53.7	46.3	+1.3	30	3rd, 4th	60	15th, 17th	17	2.16	-0.38	0.53	23rd	—	—	—	—
ARMAGH	38.6	53.3	46.0	+0.8	29	4th	61	21st	19	1.26	-0.88	0.20	22nd, 23rd	114.7	-24.3	27	-6
EDGEWORTHSTOWN	38.2	54.0	46.1	+1.2	24	1st	61	21st	12	1.52	-0.78	0.37	29th	—	—	—	—
ARLEY COTTAGE (COUNTY CAVAN).	—	—	—	—	—	—	—	—	—	—	—	—	—	100.5	?	24	?
DUBLIN	42.4	53.8	48.1	+1.1	33	4th	64	21st	13	1.15	-0.88	0.25	26th	137.5	-24.6	33	-6
PARSONSTOWN	*	*	*	*	*	*	*	*	*	*	*	*	*	103.0	-56.9	25	-14
KILKENNY CASTLE	40.8	54.5	47.7	+1.0	30	3rd	62	21st	15	1.69	-0.46	0.48	30th	—	—	—	—
VALENCIA (CAHIR-CIVERN).	*	*	*	*	*	*	*	*	*	*	*	*	*	139.0	-30.5	34	-7
KILLARNEY	40.8	55.1	48.0	+0.2	30	2nd, 3rd	60	28th	23	3.24	?	0.75	20th	—	—	—	—
FOYNES	42.5	54.1	48.3	+1.2	35	2nd, 11th	59	8th, 15th, 25th	18	1.55	?	0.41	23rd	—	—	—	—

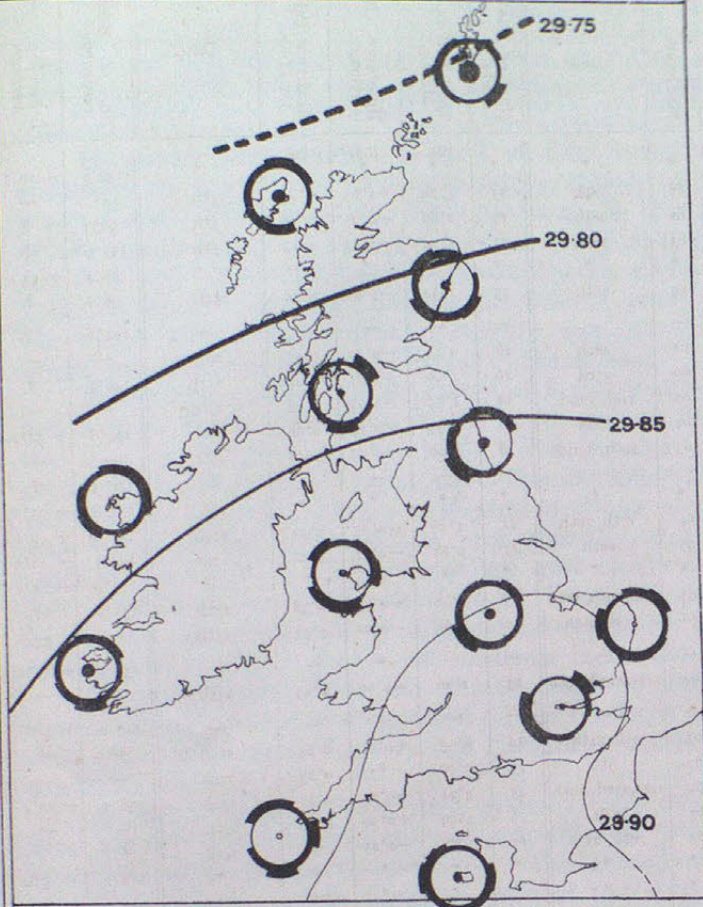
* For information see Table VII.

MONTHLY WEATHER CHART APRIL 1895.

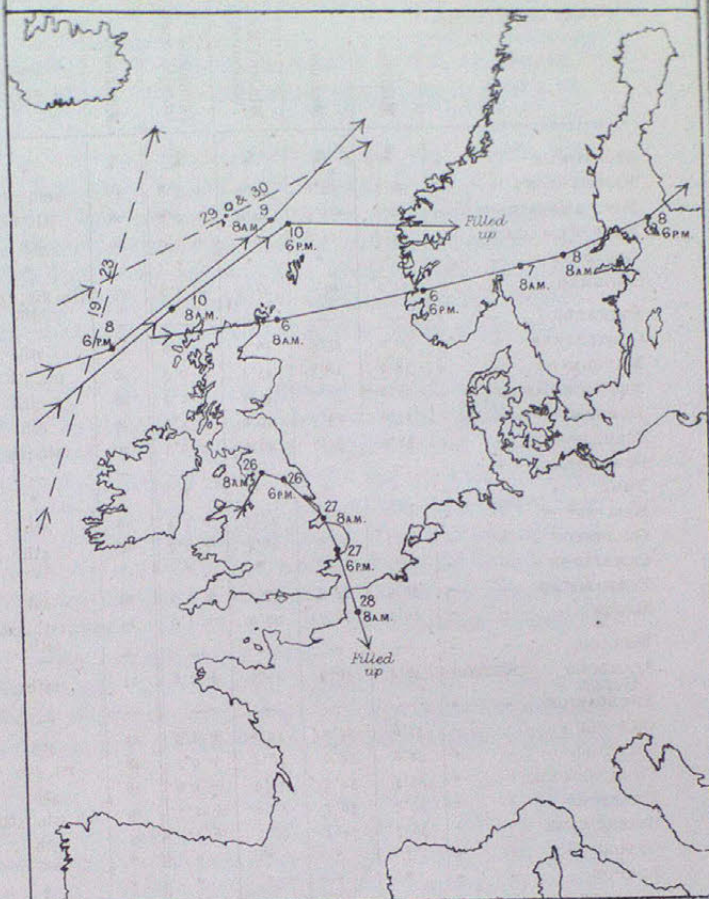
Monthly Summary.

Plate IV.

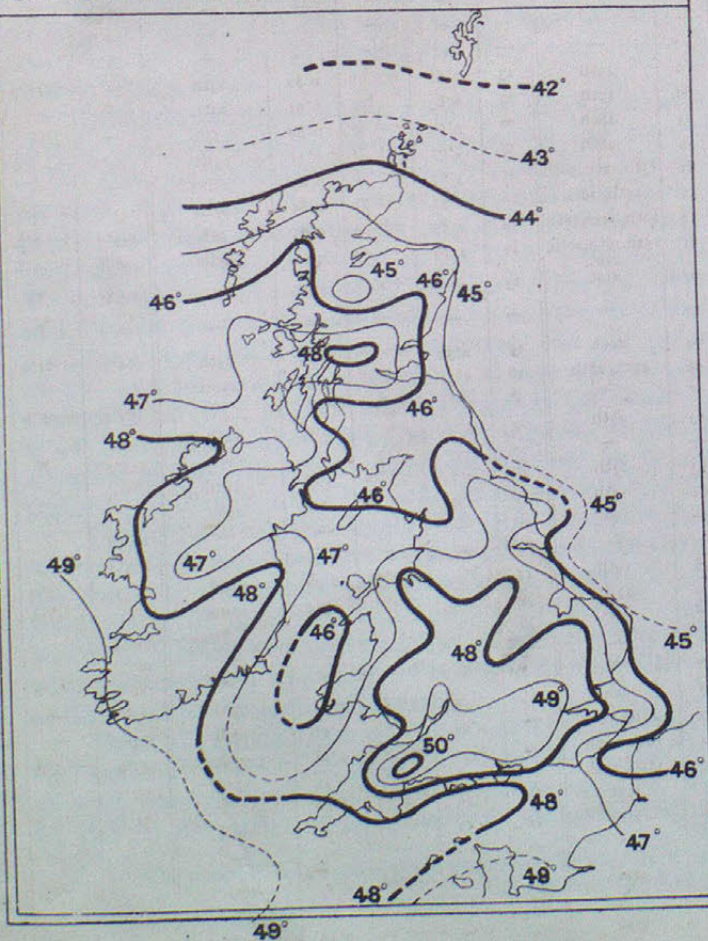
1. BAROMETER AND WIND.



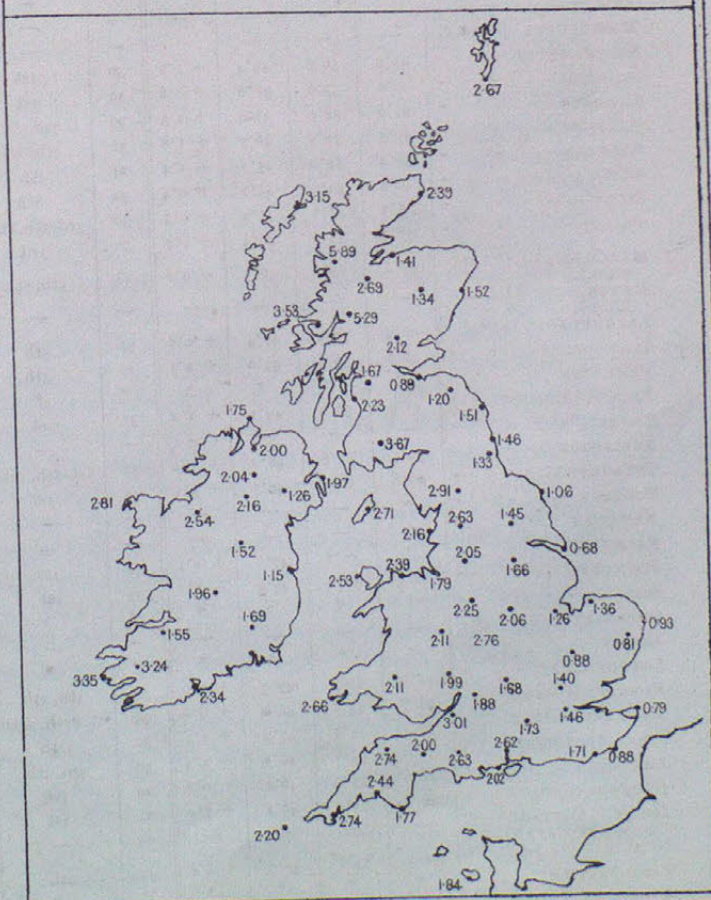
2. MOVEMENTS OF DEPRESSIONS.



3. DISTRIBUTION OF MEAN TEMPERATURE.



4 RAINFALL.



SUMMARY of the OBSERVATIONS made at the STATIONS included in the DAILY and WEEKLY WEATHER REPORTS, for the CALENDAR MONTH,

MAY 1895.

(Issued as a Supplement to the Weekly Weather Report, 1895.)

ISSUED BY THE METEOROLOGICAL OFFICE, 63, VICTORIA STREET, LONDON; R. H. SCOTT, F.R.S., SECRETARY.
PUBLISHED BY EYRE AND SPOTTISWOODE, EAST HARDING STREET, FLEET STREET, E.C.; JOHN MENZIES & Co., 12, HANOVER ST., EDINBURGH, and 90, WEST NILE STREET, GLASGOW; AND HODGES, FIGGIS, & Co., LIMITED, 104, GRAFTON STREET, DUBLIN.

General Summary.—A spell of fine warm weather during the earlier half of the month was succeeded on the 15th or 16th by a sudden change to cold Northerly winds, with slight falls of snow in many places. After about the 20th, however, the thermometer again rose steadily, the concluding portion of the month being warm, but somewhat changeable, with thunderstorms and heavy showers locally. On the east and south-east coasts of Great Britain, where thick fogs were experienced between the 23rd and 28th, the weather remained cold for the time of year. Pressure and temperature were above the average; the winds were rather variable; rainfall was exceedingly deficient, especially in the west and south; bright sunshine was largely in excess of the normal.

Pressure.—*Mean for the month at 8 a.m.* was above 30·1 ins. over the greater part of our islands, but a little below that point in the south-east of England as well as in the north-west of Ireland and the west and north of Scotland. The general distribution was distinctly anticyclonic, and the actual values were in all cases above the average,* the excess being greatest (0·15 in. or more) in the western and northern districts. *Highest* readings were recorded on the 2nd or 3rd, when the barometer rose to 30·55 ins. and upwards very generally, and to 30·60 ins. and upwards in all the more central parts of the kingdom. *Lowest* readings were observed mainly on the 31st, and ranged from 29·4 ins. and less in the south-west of Ireland to 29·7 ins. and less over the western and northern districts generally. In the east and south-east of England, however, the lowest values (29·5 ins. to 29·7 ins.) were recorded on the 16th or 17th. *Range* was moderate in the extreme west, but slight elsewhere.

Depressions.—Very few depressions were observed in our immediate neighbourhood. The only system of any consequence appeared off our northern coasts on the 14th, and, after moving south-eastwards and southwards across Norway and Denmark, advanced across the North Sea to our east coasts, where it gradually filled up.

Anticyclones.—Three such systems were reported. The first of these advanced over our islands from the south-westward at the commencement of the month and remained with us till the 7th, when it moved away to the north-eastward. The second advanced from the Atlantic on the 12th, and, after spreading over the whole kingdom, receded to the westward under the influence of the depression of the 14th to 17th. The third pursued a course very similar to that taken by the first, the system appearing in our neighbourhood on the 25th, and moving away to the north-eastward on the 29th.

Winds were rather variable, but mainly from the Southward on our extreme western coasts, and from points between North and East in the south and south-east. Scarcely any gales were experienced in the west, but in the north and east they were rather frequent, as many as 5 being reported at Aberdeen and at Spurn Head.

Temperature.—*Mean at sea level* ranged from 57° and upwards at one or two stations in the south of England, and from 55° and upwards over the western, central, and southern parts of England generally, to 50° and less in Caithness and the Shetlands. The general distribution bore a stronger resemblance to the summer type than is usual in May, and the mean values were everywhere above the average,* the excess varying in many parts of Great Britain between three and a half and five degrees. *Highest* readings were recorded mostly on the 30th, when the thermometer exceeded 80° at many of the English and Welsh stations, and reached 87° at Cambridge. *Lowest* readings were registered mostly between the 1st and 3rd in the western, central, and southern districts, but on the 17th and 18th in the north and east; at the majority of stations the thermometer did not go much below 35°, but at Braemar and Glenlee it fell to 30°, and at Llandovery to 28°. *Range* was large at many of the inland stations; at Cambridge it amounted to 52°, at Strathfield Turgiss to 53°, and at Llandovery to 55°. *Vapour Tension* was above 0·30 in. at nearly all stations, and as high as 0·34 in. on some parts of our south and south-west coasts. *Relative Humidity* ranged from 70 per cent. in London, 71 per cent. at Liverpool, and 73 per cent. at Oxford and Jersey, to 87 per cent. at Pembroke, and 89 per cent. at Sumburgh Head.

Rainfall was exceedingly deficient, especially in the more western and southern parts of the kingdom, where the fall amounted to a very small fraction of the average* amount. At several stations in these districts the total for the month was less than a quarter of an inch, the smallest values of all being 0·05 in. at Hastings, 0·07 in. at Pembroke, and 0·10 in. at Dungeness. The number of rainy days was also very small, less than 5 being reported at many of the English and Irish stations; at Hastings there was only one day with a measurable quantity. On the 16th and 17th snow showers were experienced in many places, even as far south as London and Bristol.

Bright Sunshine was in excess of the average* in nearly all places, and especially over the central and southern parts of England. At several of the Channel stations more than 60 per cent. of the possible amount was recorded, and at Falmouth as much as 67 per cent. The smallest per-centages of all were 28 at Fort Augustus, 36 at Stornoway and Glasgow, and 37 at Manchester (Oldham Road).

* The averages employed are—*Pressure and Temperature* for the 20 years, 1871–90; *Rainfall* for the 25 years, 1866–90; *Bright Sunshine* for the 10 years 1881–90.

TABLE IX.—Giving a SUMMARY of the METEOROLOGICAL OBSERVATIONS made at TELEGRAPHIC
Observations are made at 8 a.m. daily, but the Numbers of Days of Rain, Snow, Hail,
(The Stations are grouped in Districts, and then arranged in order of

NAMES OF DISTRICTS.	NAMES OF STATIONS.	Mean Height of Barometer (at 32° Fahrenheit and Mean Sea Level) from Observations made at 8 a.m.	Difference from Average.	AIR TEMPERATURE.								
				Means of					Absolute Extremes.			
				At 8 a.m.	Minima.	Maxima.	Min. and Max. combined.	Difference from Average.	Minimum.	Date.	Maximum.	Date.
0. SCOTLAND N.	Sumburgh Head	ins. 30°095	ins. +0°216	47°4	42°2	51°9	47°1	+1°8	34	17th	63	23rd
	Wick	30°078	+1°177	50°4	42°7	56°5	49°6	+2°3	35	2nd, 19th	67	29th
	Stornoway	30°054	+1°178	51°5	43°7	58°0	50°9	+3°7	37	2nd, 20th	71	31st
1. SCOTLAND, E.	Nairn	30°082	+1°174	52°1	41°3	61°4	51°4	+2°1	33	3rd	72	6th, 7th, 28th, 31st.
	Aberdeen	30°117	+1°199	51°7	42°8	57°2	50°0	+1°5	35	17th	71	28th
	Leith	30°114	+1°182	51°7	43°4	61°3	52°4	+2°3	38	2nd	74	29th
2. ENGLAND, N.E.	Shields	30°112	+1°169	50°1	42°6	56°5	49°6	+0°9	35	17th	71	31st
	York	30°116	+1°154	51°8	43°7	64°8	54°3	+3°4	35	17th	82	30th
	Spurn Head	30°082	+1°126	50°6	45°3	54°5	49°9	+0°2	36	17th	69	31st
3. ENGLAND, E.	Yarmouth	30°069	+1°102	50°8	45°5	55°6	50°6	+0°4	38	17th	71	13th
	Cambridge	30°109	+1°133	52°4	43°2	67°1	55°2	+3°2	35	5th	87	30th
4. MIDLAND COUNTIES	Loughborough	30°117	+1°144	52°3	43°2	65°7	54°5	+2°3	34	3rd	83	30th
	Oxford	30°109	+1°128	53°8	44°9	65°9	55°4	+3°4	37	2nd, 3rd, 5th	83	30th
5. ENGLAND, S.	London	30°099	+1°118	54°7	46°1	67°1	56°6	+3°2	35	2nd	85	30th
	North Foreland	30°075	+1°105	51°3	45°2	56°9	51°1	0°0	38	4th, 17th	72	30th
	Dungeness	30°066	+1°096	51°7	44°6	58°2	51°4	-0°5	33	2nd	71	30th
	Hurst Castle	30°096	+1°114	54°8	47°4	63°2	55°3	+3°1	37	2nd	76	14th
6. SCOTLAND, W.	Ardrossan	30°106	+1°171	53°3	45°9	60°3	53°1	+2°9	38	17th	75	30th
7. ENGLAND, N.W.	Hawes Junction*	28°874	?	47°9	39°5	58°9	49°2	?	32	2nd, 17th	74	30th
	Liverpool	30°119	+1°158	54°0	47°1	61°5	54°3	+2°8	39	17th	80	30th
	Holyhead	30°122	+1°166	52°4	46°1	58°5	52°3	+1°1	41	2nd, 17th	74	30th
8. ENGLAND, S.W.	Pembroke	30°108	+1°147	50°8	46°3	56°9	51°6	+1°1	41	2nd	68	6th
	Prawle Point	30°099	+1°107	54°8	46°2	60°7	53°5	+2°5	38	18th	70	30th
9. IRELAND, N.	Malin Head	30°082	+1°157	52°4	47°6	57°9	52°8	+1°6	42	20th	70	6th
	Donaghadee	30°125	+1°178	51°0	43°9	57°3	50°6	+0°5	35	2nd	69	14th
	Belmullet	30°098	+1°173	53°7	47°9	59°0	53°5	+1°4	40	3rd	74	30th
10. IRELAND, S.	Parsonstown	30°130	+1°172	52°2	43°9	64°0	54°0	+2°9	34	20th	77	30th
	Valencia (Cahiriveen)	30°111	+1°148	54°1	47°2	59°6	53°4	+1°2	35	21st	74	30th
	Roche's Point	30°129	+1°170	53°5	47°2	59°1	53°2	+0°6	38	4th	65	25th
CHANNEL ISLANDS	Scilly (St. Mary's)	30°096	+1°122	53°2	48°7	57°8	53°3	+1°0	44	1st	64	30th
	Jersey	30°098	+1°109	56°4	48°4	63°6	56°0	+2°7	42	18th	75	29th

* Hawes Junction is 1,135 feet above Mean Sea Level, and the

SUMMARY OF OBSERVATIONS, MAY 1895.

xix

REPORTING STATIONS in the BRITISH ISLANDS, during the Month of MAY 1895.

Thunderstorms, and Gales are counted irrespective of the hours at which they occurred.

Latitude, beginning in each case with the Station lying furthest North.)

TENSION OF VAPOUR.	RELATIVE HUMIDITY.	AMOUNT OF CLOUD.	RAINFALL.			Date.	WEATHER. No. of Days of							WIND. No. of Observations of									
			Total Fall in the Month.	Difference from Average.	Maximum Fall in One Day.		Rain.	Snow.	Hail.	Thunderstorms.	Clear Sky.	Overcast.	Gales.	North.	N.E.	East.	S.E.	South.	S.W.	West.	N.W.	Calms.	
ins.	%		ins.	ins.	ins.																		
0.291	89	7.5	1.25	-0.47	0.46	18th	8	1	0	0	0	15	0	3	7	2	5	5	2	2	2	3	
*323	88	6.6	0.65	-1.04	0.21	19th	10	1	1	1	7	16	4	3	2	2	5	7	5	2	4	1	
*310	81	7.0	1.68	-0.93	0.39	31st	12	0	0	1	5	15	2	1	2	2	2	5	5	5	1	8	
*322	82	6.3	1.30	-0.31	0.34	19th	10	0	0	3	4	9	0	3	2	1	0	1	1	7	0	16	
*284	75	5.5	0.74	-1.25	0.21	19th	12	2	2	2	1	8	5	1	2	4	8	3	5	1	7	0	
*303	79	6.7	0.92	-0.75	0.38	25th	9	0	0	1	5	13	1	3	7	5	1	0	3	8	1	3	
*308	85	6.8	0.61	-1.08	0.19	12th	9	0	1	1	2	11	2	6	4	3	2	0	5	5	5	1	
*301	78	3.9	0.45	-1.40	0.22	1st	7	0	0	3	18	7	0	8	1	6	4	1	1	6	3	1	
*310	84	5.9	0.95	-0.62	0.20	17th	9	0	1	2	8	14	5	7	3	5	3	2	1	4	5	1	
*311	83	4.4	0.64	-1.22	0.30	17th	7	0	2	1	13	4	1	6	4	4	5	2	1	2	5	2	
*315	80	5.1	1.33	-0.57	1.01	30th	6	0	1	2	11	11	0	7	3	2	5	2	3	0	7	2	
*302	77	5.8	0.72	-1.37	0.35	1st	4	0	1	1	6	9	4	4	4	4	4	1	1	3	9	1	
*303	73	5.2	0.16	-1.79	0.07	30th	4	0	0	0	14	10	0	11	7	2	0	4	2	1	2	2	
*300	70	5.0	0.34	-1.52	0.13	17th	5	1	0	1	14	9	2	4	7	6	2	0	4	1	4	3	
*309	82	5.7	0.50	?	0.26	19th	6	0	1	1	9	14	2	8	3	7	2	4	0	4	3	0	
*319	83	6.4	0.10	-1.69	0.05	19th	5	0	0	0	2	12	1	5	11	6	0	0	3	2	4	0	
*341	80	4.0	0.20	-1.57	0.07	30th	4	0	0	1	8	5	0	7	11	5	0	2	1	1	1	3	
*323	79	4.9	0.18	-2.16	0.06	9th	5	0	0	2	10	6	0	2	7	1	1	4	4	3	1	8	
*275	84	4.9	1.43	?	0.78	25th	8	0	0	3	12	11	0	9	1	8	5	4	1	0	3	0	
*297	71	4.8	0.41	-1.43	0.17	25th	8	0	0	3	17	11	1	3	1	3	9	1	0	4	3	7	
*320	82	6.1	0.23	-1.67	0.08	12th, 30th	5	0	0	2	4	11	2	5	3	2	0	5	8	1	2	5	
*325	87	4.2	0.07	-1.96	0.02	1st, 12th, 17th, 31st	4	0	0	0	15	11	0	2	3	6	9	2	2	4	3	0	
*320	75	4.3	0.32	-1.24	0.17	17th, 31st	3	0	0	1	10	5	0	3	10	5	1	1	5	1	5	0	
*306	78	6.5	1.24	?	0.68	12th	5	0	0	2	8	16	0	3	1	1	9	8	4	3	2	0	
*321	85	6.6	0.26	-2.00	0.08	12th	5	0	0	2	2	12	4	4	1	6	5	5	3	2	5	0	
*327	79	6.2	0.76	?	0.31	31st	19	0	1	0	8	14	0	4	1	1	5	6	8	4	2	0	
*306	78	5.7	0.73	-1.51	0.55	31st	8	0	0	0	4	8	0	3	0	0	5	2	0	2	0	19	
*309	74	7.1	1.95	-1.25	0.75	31st	13	0	0	0	1	11	0	4	2	1	9	5	1	0	3	6	
*336	82	4.7	0.52	-2.62	0.25	30th, 31st	3	0	0	1	0	5	0	8	1	2	8	5	2	1	3	1	
*337	83	6.4	0.33	-1.40	0.21	30th	4	0	0	1	0	7	0	6	5	8	2	4	0	1	5	0	
*335	73	4.2	0.59	-1.28	0.53	31st	6	0	0	3	8	5	0	1	11	6	3	0	1	2	7	0	

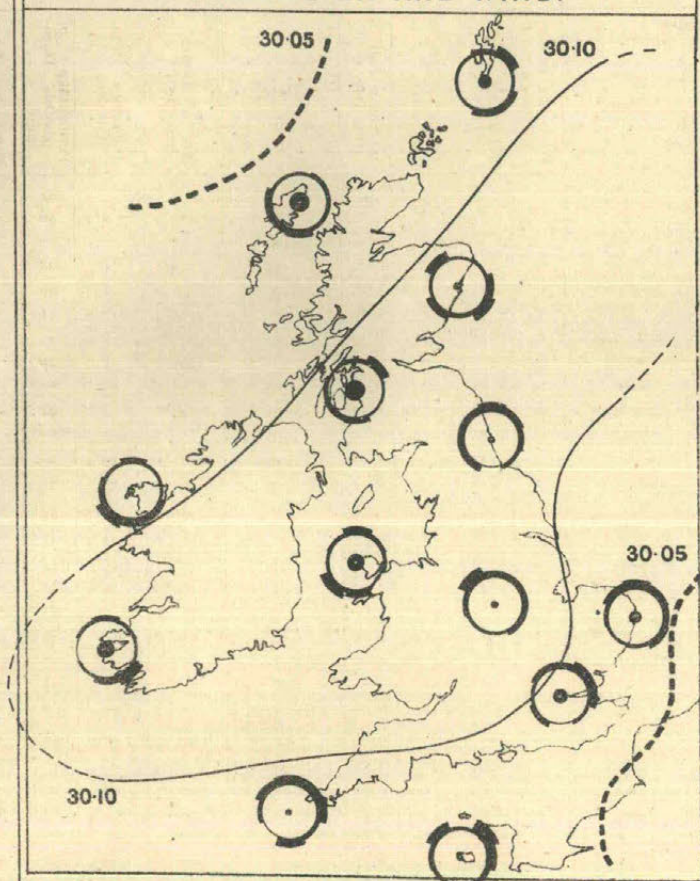
Barometer at this station is not reduced for altitude.

TABLE X.

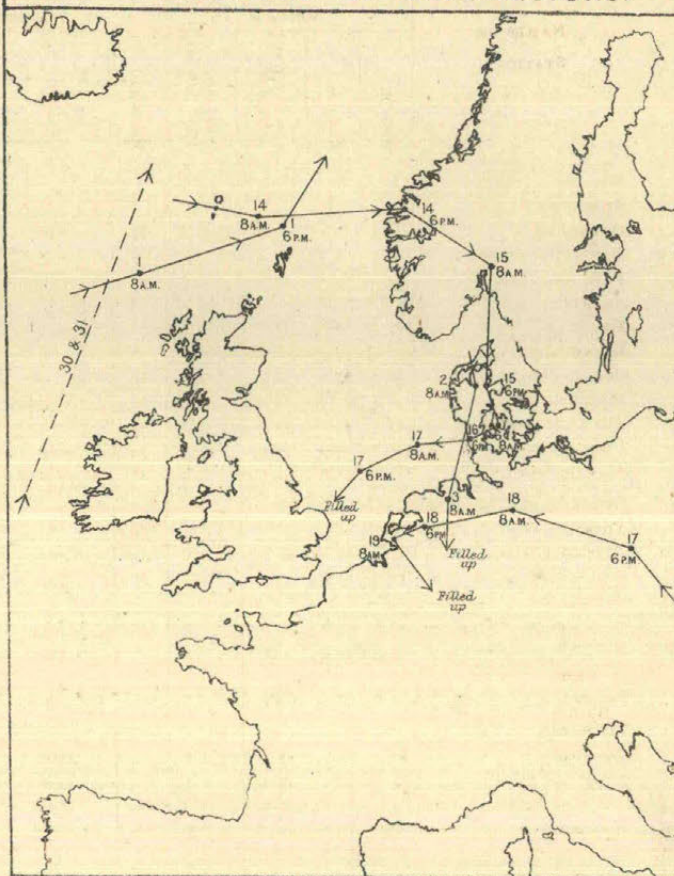
OBSERVATIONS of TEMPERATURE, RAINFALL, and BRIGHT SUNSHINE, obtained from the VALUES supplied for use in the WEEKLY WEATHER REPORT for the Month of MAY 1895.

NAMES OF STATIONS.	AIR TEMPERATURE.								RAINFALL.				BRIGHT SUNSHINE.				
	Means of				Absolute Extremes.				No. of Rainy Days.	Total Fall in the Month.	Difference from Average.	Maximum Fall in One Day.	Date.	No. of Hours recorded.	Difference from Average.	Percentage of possible Duration.	Difference from Average.
	Minima.	Maxima.	Min. and Max. combined.	Difference from Average.	Minimum.	Date.	Maximum.	Date.									
STORNOWAY	40	40	40	0	40		40			ins.	ins.	ins.		183.6	-2.7	36	-1
GLENCARRON	42.7	60.1	51.4	+4.0	33	15th	76	31st	15	3.45	-1.17	0.72	23rd				
FORT AUGUSTUS	43.0	61.1	52.1	+3.8	34	18th	74	6th	14	1.25	-0.84	0.34	23rd	140.8	?	28	?
FORT WILLIAM	44.9	61.0	53.0	+3.3	35	18th	73	6th, 31st	13	1.64	-1.08	0.41	14th	196.8	?	39	?
ABERDEEN														205.9	+12.6	41	+3
BRAEMAR	37.2	60.3	48.8	+2.6	30	3rd, 6th	70	30th, 31st	12	0.55	-1.71	0.15	24th	227.7	?	45	?
EDINBURGH														201.2	?	40	?
OGHTERTYRE	41.8	65.7	53.8	+5.2	35	1st, 5th	75	28th	10	1.01	-1.44	0.46	23rd				
MARCHMONT	42.2	61.8	52.0	+3.9	35	16th, 17th	81	27th	12	1.06	-1.30	0.30	30th	221.8	?	44	?
ALNWICK CASTLE	42.5	66.7	49.6	+1.8	34	7th	69	31st	12	0.82	-1.34	0.15	17th				
DURHAM	42.0	61.7	51.9	+3.2	34	9th	77	30th	13	0.92	-1.13	0.20	9th	197.5	+20.4	40	+4
SCARBOROUGH	43.1	58.6	50.9	+1.4	36	4th, 16th, 17th, 18th.	74	28th, 31st	9	0.91	-1.04	0.20	1st				
OSWALDKIRK														207.9	?	42	?
YORK														210.5	+23.4	43	+5
HILLINGTON	43.6	63.9	53.8	+2.6	35	3rd	83	30th	9	1.98	+0.13	0.90	17th	256.2	+45.5	53	+10
GELDESTON	42.6	61.9	52.3	+1.3	35	2nd	76	30th	7	0.73	-0.98	0.20	17th	253.7	+24.6	53	+5
CAMBRIDGE														246.9	+47.1	51	+10
ROTHAMSTED	43.4	64.2	53.8	+3.0	35	3rd	83	30th	7	0.64	-1.55	0.25	23rd	250.1	?	52	?
BAWTRY	41.8	65.7	53.8	+2.6	35	1st	84	30th	8	1.15	-0.91	0.60	24th				
WORKSOP														217.2	+42.6	45	+9
STAMPORD (KETTON HALL).	42.0	66.4	54.2	+1.8	35	3rd, 5th, 9th	83	30th	4	0.64	-1.70	0.25	17th, 30th				
THURCASTON														252.4	+76.7	52	+16
CHADLE	44.3	62.3	53.3	+3.8	35	17th	79	30th	5	0.58	-1.81	0.36	1st				
SOLIHULL	43.8	63.1	53.5	+2.3	34	5th	78	30th	6	0.57	?	0.38	1st				
CHURCHSTOKE	41.9	64.0	53.0	+3.6	33	5th	79	30th	7	0.42	-1.74	0.20	1st	240.9	+54.9	50	+11
HEREFORD	43.8	67.2	55.5	+3.6	35	2nd	81	30th	5	0.59	-1.50	0.27	25th				
GIRENCESTER	42.7	65.7	54.2	+3.6	32	3rd	82	30th	5	0.93	-1.28	0.77	24th	265.5	+68.6	55	+14
OXFORD														257.8	+65.4	53	+13
LONDON														231.7	+46.9	48	+9
MARGATE														183.8	?	39	?
STRAETHFIELD TURGISS	42.3	68.4	55.4	+3.2	32	2nd, 3rd	85	30th	8	0.60	-1.19	0.28	23rd				
HASTINGS	46.3	61.9	54.1	+1.6	38	17th	75	30th	1	0.05	-1.76	0.05	30th	271.7	+34.4	57	+7
EASTBOURNE														249.2	?	52	?
BRIGHTON														278.3	?	58	?
WESTBOURNE (SUSSEX)														307.1	??	64	?
SOUTHAMPTON	46.6	67.5	57.1	+4.1	36	2nd	79	13th	4	0.31	-1.73	0.20	30th	271.8	+61.2	57	+13
STOWELL	44.3	64.6	54.5	+3.3	34	2nd	76	30th	5	0.41	?	0.19	31st				
LAUDALE	46.1	62.6	54.4	+4.5	35	18th	75	30th	11	1.19	-2.75	0.55	14th				
GLASGOW	44.6	61.7	53.2	+3.4	38	2nd, 17th, 20th	77	30th	9	0.34	-2.05	0.15	24th	181.0	+21.4	36	+4
GLENLEE	39.6	63.3	51.5	+2.7	30	20th	74	30th	8	0.58	-2.39	0.44	25th				
DOUGLAS	43.1	59.9	51.5	+1.7	36	2nd, 3rd, 11th	74	30th	6	0.26	-1.91	0.09	12th	254.0	+29.7	52	+6
STONYHURST	44.7	60.7	52.7	+2.2	36	2nd	76	30th	9	0.50	-2.13	0.27	25th	222.1	+29.5	45	+6
BLACKPOOL	43.9	61.9	52.9	+2.3	36	20th	80	30th	8	0.38	-1.67	0.15	24th	221.6	+20.6	45	+4
MANCHESTER (PRESTWICH).	45.2	63.0	54.1	+3.8	35	2nd	79	30th	8	0.97	-1.44	0.43	24th	196.6	?	40	?
MANCHESTER (OLDHAM ROAD).														178.2	?	37	?
LLANDUDNO	47.4	60.7	54.1	+2.5	41	3rd	82	30th	5	0.42	-1.39	0.17	24th	246.8	+54.4	51	+11
LLANDOVERY	40.5	68.2	54.4	+3.1	28	2nd	83	30th	6	0.63	-2.20	0.34	24th				
PENBROKE														276.1	+60.8	57	+12
BRISTOL (MONTPELIER)	46.3	67.6	57.0	+5.2	36	2nd	82	30th	6	0.72	-1.67	0.27	23rd				
TENBY														280.2	?	58	?
ARLINGTON	43.3	62.4	52.9	+2.0	33	2nd	76	30th	5	0.51	-2.45	0.23	31st				
CULLOMPTON	43.8	65.9	54.9	+3.5	32	2nd	76	14th	3	0.71	-1.47	0.43	31st	261.6	+68.7	55	+15
TORQUAY														299.6	?	63	?
NEWQUAY														289.9	?	61	?
FALMOUTH	47.0	59.1	53.1	+1.2	40	2nd, 18th	68	14th	3	0.23	-2.53	0.16	31st	317.4	+101.1	67	+21
PLYMOUTH	46.2	61.8	54.0	+0.4	37	3rd	72	14th, 30th	4	1.00	-1.05	0.52	31st	300.9	+94.2	64	+20
SCILLY														280.9	?	59	?
GUERNSEY														298.9	?	64	?
JERSEY														285.1	+42.0	61	+9
LONDONDERRY	46.0	65.6	55.8	+4.4	38	2nd	80	30th	13	1.08	-1.28	0.45	24th				
EDENFEL (OMAGH)	43.6	62.1	52.9	+3.0	34	2nd	77	30th	9	0.74	-1.57	0.28	24th				
MARKREE CASTLE	42.9	62.6	52.8	+3.2	32	2nd	75	30th	11	1.30	-0.73	0.33	24th	214.9	+28.1	44	+6
BROOKEBOROUGH	43.4	63.5	53.5	+3.7	31	21st	76	30th	8	0.90	-1.62	0.48	24th				
ARMAGH	43.0	62.3	52.7	+2.3	33	18th	75	30th	4	0.25	-1.79	0.19	12th	222.4	+37.9	45	+7
EDGEWORTHSTOWN	42.3	63.6	53.0	+2.9	32	2nd	76	30th, 31st	5	0.30	-2.14	0.12	31st				
ARLEY COTTAGE (COUNTY CAVAN).														235.7	?	48	?
DUBLIN	46.3	62.2	54.3	+2.4	36	21st	72	30th	3	0.18	-1.81	0.07	12th, 31st	247.6	+34.9	51	+7
PARSONSTOWN														218.9	+30.9	45	+6
KILKENNY CASTLE	43.3	62.4	52.9	+1.4	33	2nd, 3rd, 21st	73	30th	6	0.60	-1.40	0.39	31st				
VALENCIA (CAHILL-CIVEN).														204.4	-5.3	42	-2
KILLARNEY	44.0	61.8	52.9	+1.3	32	6th	75	30th	11	0.94	?	0.34	31st				
FOYNES	45.1	61.0	53.1	+1.8	37	2nd	73	29th	10	0.84	?	0.21	22nd				

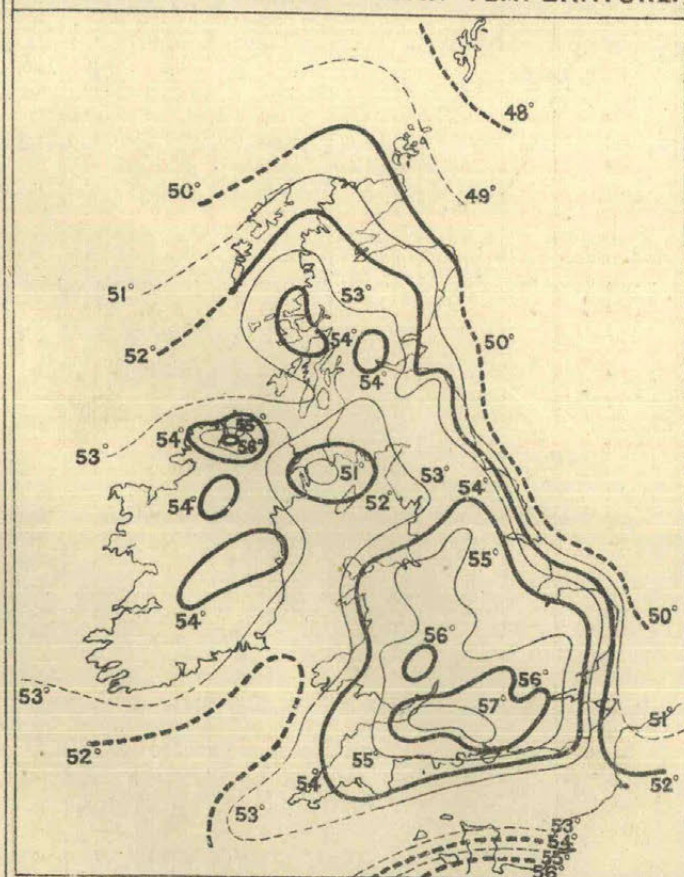
1. BAROMETER AND WIND.



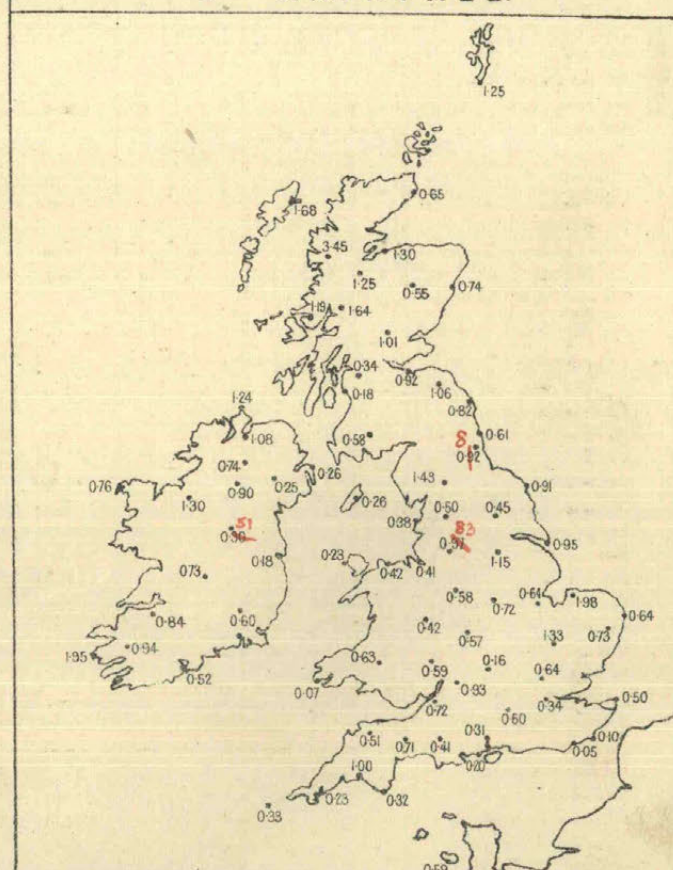
2. MOVEMENTS OF DEPRESSIONS.



3. DISTRIBUTION OF MEAN TEMPERATURE.



4. RAINFALL.



SUMMARY of the OBSERVATIONS made at the STATIONS included in the DAILY and WEEKLY WEATHER REPORTS, for the CALENDAR MONTH,

JUNE 1895.

(Issued as a Supplement to the Weekly Weather Report, 1895.)

ISSUED BY THE METEOROLOGICAL OFFICE, 63, VICTORIA STREET, LONDON; R. H. SCOTT, F.R.S., SECRETARY.
PUBLISHED BY EYRE AND SPOTTISWOODE, EAST HARDING STREET, FLEET STREET, E.C.; JOHN MENZIES & Co., 12, HANOVER ST. EDINBURGH, and 90, WEST NILE STREET, GLASGOW; AND HODGES, FIGGIS, & Co., LIMITED, 104, GRAFTON STREET, DUBLIN.

General Summary.—During the earlier half of the month the weather was mostly fair and dry. Later on, however, the conditions became less settled, with partial showers in the south, and with thunderstorms and heavy rain in Scotland; while towards the close of the month rainy, thundery weather spread eastwards over nearly the whole kingdom. Pressure and temperature were above the average, but sharp night frosts occurred in many places about the middle of the month; the winds were variable; rainfall was very deficient in all the western, central, and southern districts; bright sunshine exceeded the normal.

Pressure.—*Mean at 8 a.m.* ranged from 30·10 ins. and upwards over the Channel Islands and the southern parts of Ireland, and from 30·05 ins. and upwards over the whole of Ireland and England to a little below 30·00 ins. in the Shetlands. The general distribution was again, as in May, distinctly anticyclonic, and the mean values were everywhere above the average,* the excess being greatest (about 0·15 in.) on our extreme north-west coasts, and least (rather below 0·10 in.) over the Channel and south of England. *Highest* readings were observed on the 24th, when the barometer rose to 30·4 ins. and upwards over the entire kingdom. Over Ireland and the northern parts of Great Britain, however, equally high values were attained on the 5th or 6th. *Lowest* readings were recorded, as a rule, on the 29th and 30th, when the barometer fell below 29·5 ins. in many parts of Ireland and Scotland, and below 29·7 ins. in all other parts of the kingdom. *Range* was moderate in the west and north, but slight elsewhere.

Depressions.—The only depression of any note was a system of increasing depth which skirted our northern coasts on the 22nd, and which afterwards moved eastwards to the Baltic. Between the 17th and 20th, however, a large and complex system, with several distinct minima, was formed directly over our islands and France, while at the close of the month a similar area spread over us from the Atlantic.

Anticyclones.—Three such systems were observed. The first extended over us from Scandinavia on the 3rd, was joined by another system which advanced from the Atlantic on the 4th, and remained over north-western Europe till the 8th, when it moved away to the south-westward. The second spread over our islands from the south-westward on the 12th and 13th, but gradually broke up after the 16th. The third advanced from the southward on the 20th and 21st and was central over our islands between the 23rd and 25th, but afterwards moved away to the south-eastward and dispersed.

Winds were rather variable, but chiefly from the Westward (South-west to North-west) over the more central parts of the kingdom. Gales were exceedingly rare, and were confined almost exclusively to our extreme northern and north-western coasts.

Temperature.—*Mean at Sea Level* ranged from 61° and upwards at several inland stations in the south of England, and from 59° and upwards at one or two places in the east of Ireland, to 54° or less in the extreme north of Scotland and to 51° in the Shetlands. The general distribution agreed fairly with the normal, but the actual values were above the average* at all but a few of our eastern stations, the amount of excess varying greatly in different parts of the country. *Highest* readings occurred in Scotland mostly on the 7th, but over Ireland and England between the 24th and 26th, when the thermometer rose to 80° and upwards at most of the inland stations, to 86° at Bawtry and Bristol, and to 87° at Llandovery. *Lowest* readings occurred about the middle of the month,—mostly between the 13th and 15th, when frost was experienced at many inland stations in the north of Ireland and the northern and central parts of Great Britain. In the screen the lowest readings were 29° at Glenlee and 30° at Llandovery, Edenfel, and Markree Castle, but on the surface of the grass the thermometer fell to 24° at Edenfel, 25° at Ochertyre, and Tean (Stoke-on-Trent), and 26° at Loughborough. *Range* was large over the inland districts; at Llandovery it amounted to 57° and at Bawtry, Edenfel, and Markree Castle to 52°. *Vapour Tension* was above 0·40 in. at several of the English and Irish coast stations, but below 0·35 in. in the Shetlands, the east of Scotland and some parts of northern and central England. *Relative Humidity* ranged from 88 per cent. at Spurn Head and Donaghadee to 69 per cent. at Aberdeen and 68 per cent. in London.

Rainfall exceeded the average* in the northern parts both of England and Scotland, but was very deficient in nearly all other districts, and especially so over the central and south eastern counties of England, where the total fall was in many instances less than one fourth of the normal. The largest aggregates for the month were 5·5 ins. at Churchstoke, 4·5 ins. at Glencarron, and 4·1 ins. at Fort Augustus; the smallest being 0·2 in. in London and at Dungeness, and 0·4 in. at Loughborough, Yarmouth, and Rothamsted. Heavy thunder rains fell over the northern and central parts of Scotland between the 17th and 19th and in many parts of Ireland and England during the last few days of the month. On the 26th a fall of 4·8 ins. was reported at Churchstoke and 2·7 ins. at Chelford (Cheshire).

Bright Sunshine was everywhere in excess of the average,* the difference from the normal being large at all but our northern and eastern stations. The per-centage of the possible duration ranged from 62 at Pembroke and 60 on our south-west coasts generally to 35 at Worksop, and Manchester (Oldham Road), and to 29 at Fort Augustus.

* The averages employed are—*Pressure and Temperature* for the 20 years 1871–90; *Rainfall* for the 25 years 1866–90; *Bright Sunshine* for the 10 years 1881–90.

TABLE XI.—Giving a SUMMARY of the METEOROLOGICAL OBSERVATIONS made at TELEGRAPHIC
Observations are made at 8 a.m. daily, but the Numbers of Days of Rain, Snow, Hail,
(The Stations are grouped in Districts, and then arranged in order of Latitude,

NAMES OF DISTRICTS.	NAMES OF STATIONS.	Mean Height of Barometer (at 32° Fahrenheit and Mean Sea Level) from Observations made at 8 a.m.	Difference from Average.	AIR TEMPERATURE.								
				Means of					Absolute Extremes.			
				At 8 a.m.	Minima.	Maxima.	Min. and Max. combined.	Difference from Average.	Minimum.	Date.	Maximum.	Date.
1. SCOTLAND, N.	Sumburgh Head	ins. 29° 989	+ 106	51° 6	45° 9	55° 3	50° 6	+ 0° 8	37	14th	61	6th
	Wick	30° 015	+ 117	53° 7	45° 5	59° 7	52° 6	+ 0° 4	34	15th	70	6th, 7th
	Stornoway	30° 022	+ 146	54° 2	46° 1	61° 0	53° 6	+ 1° 6	38	13th	74	2nd
2. SCOTLAND, E.	Nairn	30° 020	+ 115	55° 4	44° 7	63° 4	54° 1	- 0° 9	36	14th, 20th	76	7th
	Aberdeen	30° 043	+ 127	55° 6	46° 6	61° 7	54° 2	0° 0	38	15th	74	22nd
	Leith	30° 046	+ 116	58° 0	48° 1	65° 6	56° 9	+ 1° 0	38	17th	77	23rd, 26th
3. ENGLAND, N.E.	Shields	30° 058	+ 110	56° 4	47° 0	62° 1	54° 6	- 0° 1	37	15th	74	22nd
	York	30° 080	+ 111	56° 5	48° 5	68° 2	58° 4	+ 1° 1	36	15th	79	25th, 26th
	Spurn Head	30° 003	+ 090	56° 8	51° 0	61° 2	56° 1	+ 0° 2	43	15th	72	22nd
4. ENGLAND, E.	Yarmouth	30° 059	+ 082	57° 7	50° 0	61° 8	55° 9	- 0° 7	41	15th	73	23rd
	Cambridge	30° 093	+ 108	57° 7	47° 7	70° 4	59° 1	+ 0° 5	37	15th	81	26th
5. MIDLAND COUNTIES	Loughborough	30° 094	+ 114	58° 3	47° 4	69° 9	58° 7	- 0° 1	32	15th	80	25th, 26th
	Oxford	30° 097	+ 111	59° 0	49° 6	70° 6	60° 1	+ 1° 9	38	15th	80	9th, 25th
6. ENGLAND, S.	London	30° 088	+ 096	60° 5	50° 5	72° 1	61° 3	+ 1° 4	42	13th, 16th	82	23rd, 26th
	North Foreland	30° 076	+ 096	57° 7	50° 9	65° 5	57° 2	+ 0° 4	44	16th	77	27th
	Dungeness	30° 062	+ 080	58° 6	50° 6	64° 0	57° 3	- 0° 5	38	13th, 16th	69	7th
	Hurst Castle	30° 091	+ 093	60° 0	51° 5	67° 3	59° 4	+ 1° 3	41	16th	78	23rd, 24th
7. SCOTLAND, W.	Ardrossan	30° 052	+ 120	57° 8	50° 3	63° 6	57° 0	+ 1° 2	40	13th	75	25th
8. ENGLAND N.W.	Hawes Junction*	28° 838	?	52° 7	43° 4	62° 3	52° 9	?	31	15th	76	25th
	Liverpool	30° 085	+ 119	58° 4	51° 2	64° 2	57° 7	+ 0° 3	43	15th	78	25th, 26th
	Holyhead	30° 090	+ 124	56° 8	49° 8	61° 9	55° 9	- 0° 7	43	15th	72	25th
9. ENGLAND, S.W.	Pembroke	30° 092	+ 118	56° 7	51° 6	61° 9	56° 8	+ 0° 9	45	15th	71	25th
	Prawle Point	30° 091	+ 084	59° 9	51° 6	64° 9	58° 3	+ 2° 3	44	15th, 16th	76	8th
10. IRELAND, N.	Malin Head	30° 054	+ 124	56° 0	51° 8	60° 8	56° 3	+ 0° 9	44	13th	75	25th
	Donaghadee	30° 083	+ 137	56° 5	48° 1	62° 7	55° 4	+ 0° 1	38	15th	71	22nd
	Belmullet	30° 094	+ 159	58° 7	51° 5	63° 0	57° 4	+ 1° 9	43	13th	75	24th
11. IRELAND, S.	Parsonstown	30° 102	+ 130	57° 8	48° 0	68° 4	58° 2	+ 1° 7	38	17th	83	24th
	Valencia (Cahiriveen)	30° 099	+ 124	59° 1	50° 7	64° 0	57° 4	+ 0° 7	41	20th	75	25th
	Roche's Point	30° 112	+ 139	58° 9	52° 3	65° 4	58° 9	+ 1° 1	45	12th	73	8th
CHANNEL ISLANDS	Scilly	30° 085	+ 089	58° 6	54° 2	63° 3	58° 8	+ 1° 6	50	1st, 2nd	71	25th
	Jersey	30° 100	+ 099	60° 9	53° 7	67° 4	60° 6	+ 2° 0	48	17th	79	24th

* Hawes Junction is 1,135 feet above Mean Sea Level, and the

SUMMARY OF OBSERVATIONS, JUNE 1895.

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REPORTING STATIONS in the BRITISH ISLANDS during the Month of JUNE 1895.

Thunderstorms, and Gales are counted irrespective of the Hours at which they occurred.
beginning in each case with the Station lying furthest North.)

TENSION OF VAPOUR.	RELATIVE HUMIDITY.	AMOUNT OF CLOUD.	RAINFALL.				WEATHER.						WIND.									
			Total Fall in the Month.	Difference from Average.	Maximum Fall in One Day.	Date.	No. of Days of						No. of Observations of									
							Rain.	Snow.	Hail.	Thunderstorms.	Clear Sky.	Overcast.	Gales.	North.	N.E.	East.	S.E.	South.	S.W.	West.	N.W.	Calms.
in.	%		ins.	ins.	ins.																	
0.330	86	7.2	2.85	+0.87	0.47	28th	17	0	0	0	0	15	0	4	4	3	4	1	0	8	4	2
.361	87	6.9	3.05	+1.31	0.65	27th	18	0	1	1	6	15	0	2	1	1	4	6	1	2	11	2
.350	83	7.5	3.36	+0.51	1.15	19th	16	0	0	1	0	12	2	5	2	4	2	3	1	4	3	6
.363	83	6.4	3.72	+2.02	1.13	17th	15	0	1	1	3	7	0	0	1	2	0	0	0	11	3	13
.307	69	5.9	1.88	+0.11	0.64	17th	15	0	1	3	0	8	1	2	2	4	7	3	3	2	7	0
.340	71	6.5	1.76	-0.04	0.42	18th	14	0	2	2	1	12	0	2	2	5	2	0	1	9	4	5
.362	80	7.0	1.75	+0.04	0.59	26th	11	0	0	4	2	5	0	5	3	1	1	2	8	3	4	3
.348	76	4.1	3.12	+0.95	1.24	1st	14	0	1	4	17	6	0	8	2	3	1	2	5	4	5	0
.408	88	6.9	1.20	-0.34	0.58	1st	11	0	0	3	1	13	0	12	1	1	2	3	3	2	6	0
.358	75	3.1	0.39	-1.49	0.19	13th	6	0	1	3	15	0	0	9	4	0	2	3	1	5	5	1
.375	79	5.0	1.05	-1.18	0.63	1st	9	0	0	2	11	11	0	10	0	1	0	4	6	1	8	0
.363	74	6.2	0.37	-1.85	0.09	27th	9	0	0	3	3	9	0	3	2	1	3	2	3	9	6	1
.347	70	5.0	1.12	-1.09	0.75	26th	5	0	0	1	11	8	0	7	5	1	0	4	6	3	4	0
.357	68	5.3	0.20	-1.91	0.12	18th	6	0	0	2	10	9	0	3	8	1	1	3	8	3	3	0
.360	76	5.5	0.63	?	0.28	1st	8	0	0	5	4	10	0	7	3	0	3	4	2	4	7	0
.380	77	4.9	0.22	-1.37	0.07	14th	6	0	0	0	1	7	0	5	7	2	1	3	6	3	2	1
.415	80	5.2	1.48	-0.44	0.44	13th	7	0	0	0	4	7	0	3	8	2	1	5	4	2	3	2
.374	78	4.4	1.45	-1.04	0.54	28th	10	0	0	1	7	8	0	1	3	1	2	4	3	9	4	3
.331	83	5.5	2.82	?	0.71	1st	15	0	0	1	8	11	0	5	1	4	3	8	2	3	3	1
.350	72	6.2	0.99	-0.90	0.41	26th	9	0	0	1	6	11	0	1	0	1	5	1	3	13	4	2
.375	81	5.9	1.47	-0.51	1.03	28th	8	0	0	3	2	5	0	3	1	1	0	5	6	3	10	1
.398	87	4.0	1.18	-0.76	0.30	1st	7	0	0	1	9	8	0	1	5	4	3	2	5	4	5	1
.391	76	4.8	1.44	-0.16	0.55	28th	9	0	0	0	7	7	0	2	8	6	3	1	3	3	4	0
.353	78	6.2	1.63	?	0.39	28th	13	0	1	6	6	13	1	5	4	2	2	4	4	7	2	0
.401	88	6.1	1.70	-0.22	0.38	26th	16	0	1	2	2	8	1	4	1	1	3	2	3	5	11	0
.381	78	5.2	2.37	?	0.63	27th	18	0	0	0	4	8	0	7	4	2	1	1	8	3	4	0
.369	77	5.2	0.78	-1.61	0.25	30th	8	0	0	1	7	8	0	1	0	0	1	2	0	2	2	22
.393	78	6.5	2.00	-1.27	0.40	27th	12	0	0	1	1	11	0	4	2	1	5	4	2	2	3	7
.403	82	4.7	2.71	-0.42	0.65	13th	8	0	0	1	0	4	0	11	2	0	6	3	4	1	2	1
.402	82	6.7	1.03	-0.81	0.51	1st	8	0	0	0	0	8	1	6	4	5	1	4	4	3	3	0
.398	75	6.0	1.30	-0.61	0.42	2nd	9	0	0	1	3	10	0	5	6	3	4	3	2	1	5	1

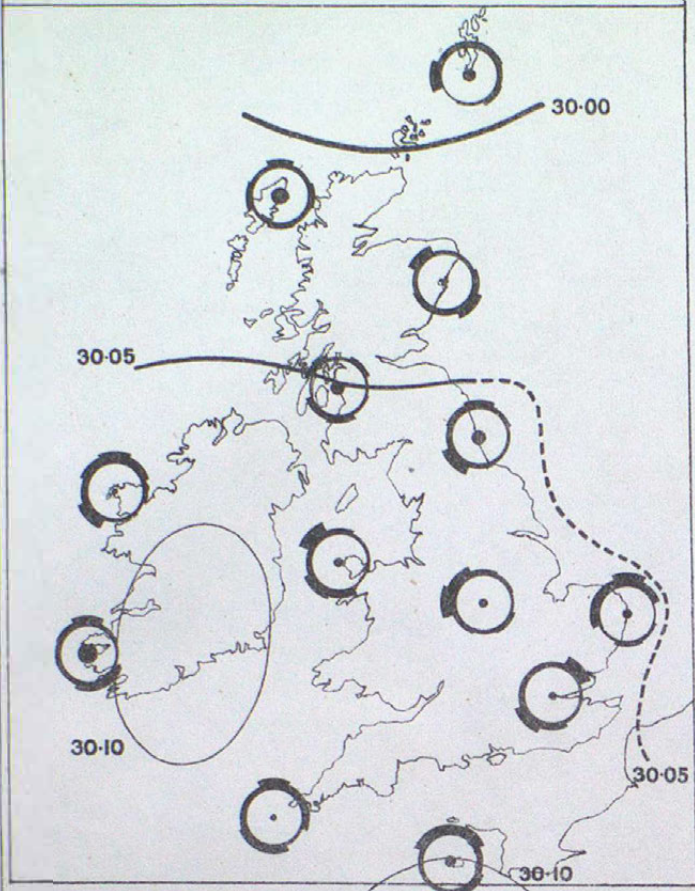
Barometer at this station is not reduced for altitude.

TABLE XII.

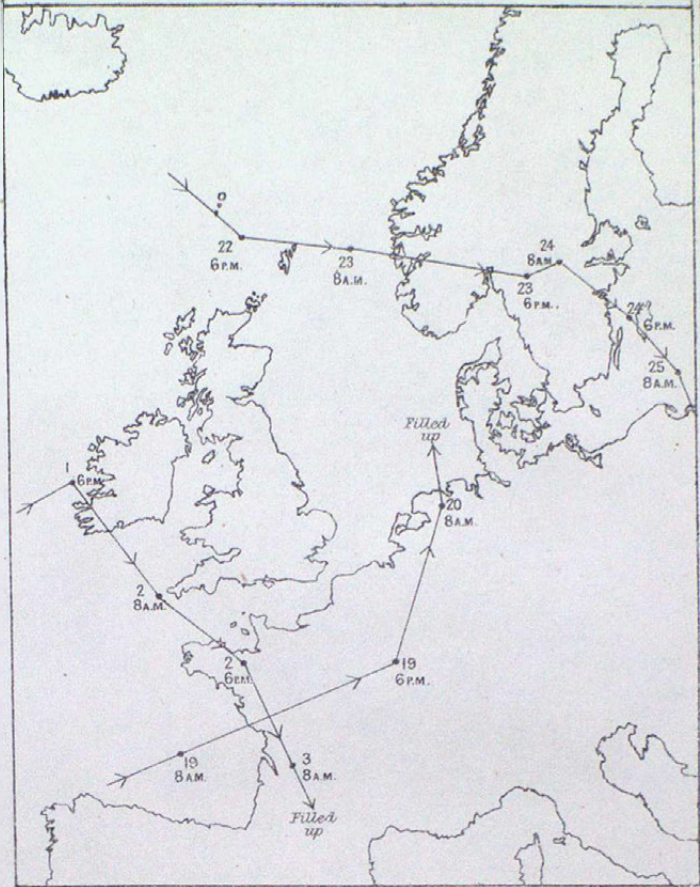
OBSERVATIONS of TEMPERATURE, RAINFALL, and BRIGHT SUNSHINE, obtained from the VALUES supplied for use in the WEEKLY WEATHER REPORT, for the Month of JUNE 1895.

NAMES OF STATIONS.	AIR TEMPERATURE.								RAINFALL.					BRIGHT SUNSHINE.			
	Means of				Absolute Extremes.				No. of Rainy Days.	Total Fall in the Month.	Difference from Average.	Maximum Fall in One Day.	Date.	No. of Hours recorded.	Difference from Average.	Percentage of possible Duration.	Difference from Average.
	Minima.	Maxima.	Min. and Max. combined.	Difference from Average.	Minimum.	Date.	Maximum.	Date.									
STORNOWAY	—	—	—	—	—	—	—	—	—	ins.	ins.	ins.	—	206'2	+27'3	39	+5
GLENCARRON	45'2	62'0	53'6	+1'1	36	13th, 14th	76	25th	20	4'52	-0'75	1'00	17th	—	—	—	—
FORT AUGUSTUS	45'4	62'8	54'1	-0'5	34	13th	78	7th, 26th	15	4'11	+1'91	1'07	17th	152'7	—	29	—
FORT WILLIAM	47'2	63'3	55'3	0'0	35	13th	75	2nd	14	2'93	-1'11	0'62	17th	208'4	—	40	—
ABERDEEN	—	—	—	—	—	—	—	—	—	—	—	—	—	234'8	+39'4	45	+8
BRAEMAR	43'6	63'1	53'4	+0'9	34	13th	77	7th, 25th	15	2'67	+0'28	0'87	18th	222'2	—	42	—
EDINBURGH	—	—	—	—	—	—	—	—	—	—	—	—	—	203'7	—	39	—
OCHTERTYRE	44'9	69'3	57'1	+2'0	34	12th	84	7th	9	2'27	-0'45	0'69	19th	—	—	—	—
MARCHMONT	45'9	64'5	55'2	+1'0	36	12th	80	26th	10	3'09	+0'58	1'27	27th	234'5	—	45	—
ALNWICK CASTLE	47'2	62'2	54'7	+0'6	35	13th	71	22nd	11	2'65	+0'79	0'78	27th	—	—	—	—
DURHAM	45'4	67'2	56'3	+0'5	33	13th	81	26th	14	1'51	-0'39	0'37	27th	224'7	+62'7	44	+12
SCARBOROUGH	50'1	65'9	58'0	+2'4	42	14th	75	22nd	13	2'68	+0'77	0'75	30th	—	—	—	—
OSWALDKIRK	—	—	—	—	—	—	—	—	—	—	—	—	—	184'3	—	36	—
YORK	—	—	—	—	—	—	—	—	—	—	—	—	—	193'8	+25'2	38	+5
HILLINGTON	47'2	68'0	57'6	-0'1	36	13th	81	26th	11	1'12	-1'05	0'38	1st	233'0	+40'5	47	+8
GELDESTON	46'7	67'5	57'1	-0'1	37	13th, 15th	78	23rd	8	0'82	-0'81	0'22	14th	243'5	+31'7	49	+6
CAMBRIDGE	—	—	—	—	—	—	—	—	—	—	—	—	—	222'0	+30'3	45	+6
ROTHAMSTED	47'1	69'3	58'2	+0'8	36	13th	80	23rd	6	0'40	-1'83	0'12	28th	212'2	—	43	—
BAWTREY	40'2	69'6	57'9	+0'3	34	14th	86	26th	10	1'95	-0'31	0'65	26th	—	—	—	—
WORKSOP	—	—	—	—	—	—	—	—	—	—	—	—	—	172'9	+16'3	35	+4
STAMFORD (KETTON HALL).	45'6	70'1	57'9	-0'7	35	15th	84	26th	12	1'24	-0'69	0'62	26th	—	—	—	—
THURCASTON	—	—	—	—	—	—	—	—	—	—	—	—	—	213'0	+54'1	43	+11
CHRADLE	47'7	66'6	57'2	+1'8	38	15th, 19th	81	26th	8	1'20	-1'69	0'40	26th	—	—	—	—
SOLIHULL	47'4	68'8	58'1	+0'3	35	15th	81	26th	8	1'36	—	0'71	30th	—	—	—	—
CHURCHSTOKE	44'8	68'4	56'6	+0'9	34	19th	82	25th	7	5'54	+3'38	4'83	26th	257'4	+79'9	52	+16
HEREFORD	47'0	71'8	59'4	+1'1	37	15th, 16th	84	25th	8	0'78	-1'36	0'35	30th	—	—	—	—
CIRENCESTER	47'1	69'1	58'1	+1'4	36	13th	80	24th, 25th	7	0'75	-1'60	0'30	1st	234'3	+46'9	48	+10
OXFORD	—	—	—	—	—	—	—	—	—	—	—	—	—	225'5	+38'2	46	+8
LONDON	—	—	—	—	—	—	—	—	—	—	—	—	—	216'0	+42'2	44	+8
MARGATE	—	—	—	—	—	—	—	—	—	—	—	—	—	205'1	—	42	—
STRATHFIELD TURGIS-	45'7	73'5	59'6	+1'1	34	13th	83	9th, 23rd, 25th	10	0'66	-1'33	0'28	28th	—	—	—	—
HASTINGS	51'1	66'4	58'8	+0'5	43	15th	78	24th	7	0'63	-1'03	0'26	13th	267'5	+48'4	55	+10
EASTBOURNE	—	—	—	—	—	—	—	—	—	—	—	—	—	264'8	—	54	—
BRIGHTON	—	—	—	—	—	—	—	—	—	—	—	—	—	270'4	—	55	—
WESTBOURNE (SUSSEX)	—	—	—	—	—	—	—	—	—	—	—	—	—	233'7	—	48	—
SOUTHAMPTON	50'6	72'5	61'6	+2'5	41	16th	85	9th	9	1'93	+0'04	0'81	13th	234'4	+30'2	48	+6
STOWELL	47'8	67'8	57'8	+0'2	38	13th, 16th	79	24th	7	1'00	—	0'41	28th	—	—	—	—
LAUDALE	47'1	63'9	55'5	+0'7	36	13th	77	25th	18	1'78	-3'06	0'35	17th	—	—	—	—
GLASGOW	48'7	65'7	57'2	+1'8	39	15th	78	7th	11	2'16	-0'54	0'77	18th	213'2	+53'8	41	+10
GLENLEE	46'0	67'0	56'5	+1'8	29	15th	79	7th	10	0'76	-2'46	0'19	19th	—	—	—	—
DOUGLAS	47'9	65'0	56'5	+1'4	37	15th	75	24th	7	0'90	-1'25	0'32	28th	257'5	+40'6	51	+8
STONYHURST	48'7	64'7	56'7	+0'2	35	15th	78	25th	13	3'51	+0'26	1'11	1st	244'9	+59'8	48	+11
BLACKPOOL	49'4	65'4	57'4	+1'0	35	15th	78	26th	9	1'45	-0'65	0'74	28th	221'6	+32'5	44	+7
MANCHESTER (PRESTWICH).	47'6	66'4	57'0	+0'4	34	15th	81	25th	10	1'30	-1'71	0'69	26th	185'2	—	37	—
MANCHESTER (OLDHAM ROAD).	—	—	—	—	—	—	—	—	—	—	—	—	—	174'0	—	35	—
LLANDUDNO	51'4	64'6	58'0	+0'6	43	14th, 15th	76	26th	9	0'89	-0'93	0'35	1st	252'4	+73'9	51	+15
LLANDOVERY	44'0	73'1	58'9	+1'1	30	16th	87	25th	8	0'78	-2'18	0'20	28th	—	—	—	—
PEMBROKE	—	—	—	—	—	—	—	—	—	—	—	—	—	304'3	+70'8	62	+15
BRISTOL (MONTPELIER)	51'5	72'3	61'9	+3'5	42	15th	86	24th	6	0'71	-1'36	0'39	29th	—	—	—	—
TENBY	—	—	—	—	—	—	—	—	—	—	—	—	—	297'3	—	61	—
ARLINGTON	47'6	66'9	57'3	+1'3	37	16th	79	25th	7	2'13	-1'15	0'80	30th	—	—	—	—
CULLOMPTON	48'2	70'3	59'3	+1'6	37	16th	81	24th	7	1'78	-0'26	0'61	13th	226'7	+33'0	46	+6
TORQUAY	—	—	—	—	—	—	—	—	—	—	—	—	—	273'5	—	57	—
NEWQUAY	—	—	—	—	—	—	—	—	—	—	—	—	—	288'1	—	60	—
FALMOUTH	52'1	65'6	58'9	+1'5	45	16th	74	7th	9	1'83	-0'72	0'62	1st	288'7	+63'3	60	+13
PLYMOUTH	51'1	65'9	58'5	-0'8	41	16th	78	8th	9	2'59	+0'57	0'66	2nd	288'4	+85'9	60	+18
SCILLY	—	—	—	—	—	—	—	—	—	—	—	—	—	288'8	—	60	—
GUERNSEY	—	—	—	—	—	—	—	—	—	—	—	—	—	289'8	—	60	—
JERSEY	—	—	—	—	—	—	—	—	—	—	—	—	—	268'4	+34'7	56	+7
LONDONDERRY	49'1	69'6	59'4	+2'6	38	13th	83	25th	16	2'00	-0'54	0'46	20th	—	—	—	—
EDENFEL (OMAGH)	46'1	66'9	56'5	+0'7	30	13th	82	24th	12	1'21	-1'40	0'30	18th	—	—	—	—
MARRER CASTLE	45'4	65'7	55'6	+0'6	30	13th	82	24th	14	1'62	-1'42	0'32	29th	247'0	+88'7	49	+18
BROOKBOROUGH	46'2	68'0	57'1	+1'7	31	13th	81	24th	13	1'30	-1'58	0'44	29th	—	—	—	—
ARMAGH	46'5	68'0	57'3	+1'3	35	13th	79	24th	16	1'91	-0'22	0'99	26th	250'1	+79'0	50	+16
EDGEWORTHSTOWN	45'3	68'5	56'9	+0'9	35	14th	82	24th	10	1'18	-1'82	0'34	22nd	—	—	—	—
ARLEY COTTAGE (Co. CAVAN).	—	—	—	—	—	—	—	—	—	—	—	—	—	243'8	—	48	—
DUBLIN	51'3	67'1	59'2	+1'7	42	15th	75	26th	12	1'87	+0'02	0'64	30th	269'6	+84'7	54	+17
PARSONSTOWN	—	—	—	—	—	—	—	—	—	—	—	—	—	220'2	+45'0	44	+9
KILKENNY CASTLE	47'9	67'8	57'9	+1'1	37	15th	77	24th	6	2'15	-0'06	0'89	27th	—	—	—	—
VALENCIA (CAHIR-CIVEN).	—	—	—	—	—	—	—	—	—	—	—	—	—	253'2	+55'4	51	+11
KILLARNEY	47'3	66'3	56'8	+0'4	38	20th	77	25th	11	2'97	—	0'85	27th	—	—	—	—
FOYNES	50'2	66'0	58'1	+1'7	43	17th, 19th	79	24th	7	1'50	—	0'31	30th	—	—	—	—

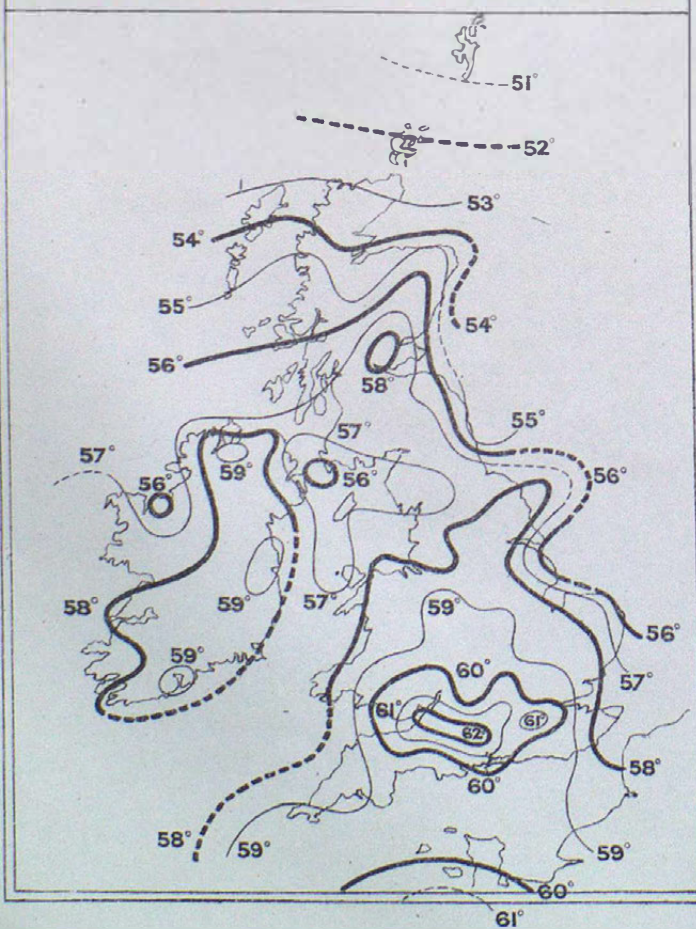
1. BAROMETER AND WIND.



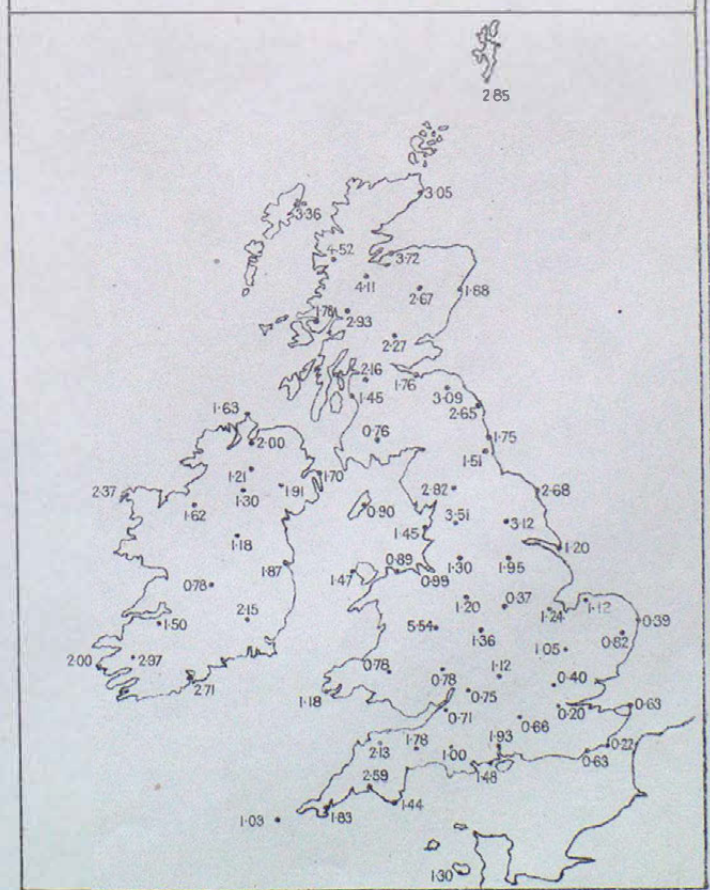
2. MOVEMENTS OF DEPRESSIONS.



3. DISTRIBUTION OF MEAN TEMPERATURE.



4. RAINFALL.



SUMMARY of the OBSERVATIONS made at the STATIONS included in the DAILY and WEEKLY WEATHER REPORTS, for the CALENDAR MONTH,

JULY 1895.

(Issued as a Supplement to the Weekly Weather Report, 1895.)

ISSUED BY THE METEOROLOGICAL OFFICE, 63, VICTORIA STREET, LONDON; R. H. SCOTT, F.R.S., SECRETARY.
PUBLISHED BY EYRE AND SPOTTISWOODE, EAST HARDING STREET, FLEET STREET, E.C.; JOHN MENZIES & Co., 12, HANOVER ST., EDINBURGH; and 30, WEST NILE STREET, GLASGOW; AND HODGES, FIGGIS, & Co., LIMITED, 104, GRAFTON STREET, DUBLIN.

General Summary.—With the exception of a few days at the beginning of the month, the weather of July was exceedingly unsettled, with frequent thunderstorms and heavy rains in all districts. Pressure and temperature were low; the winds were mainly from the Westward, though rather variable in the north; rainfall was largely in excess of the normal; bright sunshine was deficient, excepting in the north of England and the Channel Islands.

Pressure.—*Mean at 8 a.m.* ranged from between 29·90 ins. and 29·95 ins. over the western parts of the English Channel, to 29·75 ins. and less, over the north of Scotland generally, and to 29·71 ins. at Sumburgh Head. The general distribution agreed, therefore, very closely with the normal, but the actual values were a little below the average,* the deficit varying from about 0·05 in. on our extreme north-west coasts to rather less than 0·10 in. in the east of England. *Highest* readings occurred on the 3rd or 4th, when the barometer rose to 30·3 ins. and upwards on our extreme south-west coasts, and to 30·2 ins. and upwards in nearly all other parts of the kingdom. *Lowest* readings were observed, as a rule, on the 21st, when the barometer fell to a little below 29·4 ins. at all but our extreme southern stations. In some of the northern districts, however, the mercury fell equally low, or even a trifle lower, on the 19th. *Range* was moderate.

Depressions were unusually frequent for the time of year, their centres travelling, as a rule, in a north-easterly direction across the more central parts of our islands and the North Sea, to the south of Scandinavia, where, in the majority of cases, the disturbances filled up. On the night of the 11th a well-marked depression travelled south-eastwards across the North Sea, but, on reaching the Danish coasts, this system altered its course, and passed, as in most other instances, north-eastwards to the south of Sweden.

Anticyclones.—The only anticyclones observed in our immediate neighbourhood were: (1.) A large system which spread over western Europe from the south-westward on the 3rd and 4th, but which moved away to the southward after the 6th; and (2.) A system of very slight intensity which extended in a similar manner on the 29th and 30th, but which was beginning to disperse at the end of the month.

Winds were chiefly from the Westward over Ireland and England, but were rather variable in Scotland, with, however, a somewhat undue predominance of breezes from the Northward (North-west to North-east). Gales were rather numerous for the time of year, there being as many as 6 at Malin Head and Jersey, and 5 at Aberdeen, Dungeness, and Holyhead. On the south coasts of Ireland, however, there were none at all.

Temperature.—*Mean at sea level* ranged from between 62° and 63° over the inland parts of the south of England to 54° or less in the Shetlands and Hebrides. The general distribution agreed very closely with the normal, but the actual values were in nearly all cases below the average, the deficit being very slight over England, but rather large (one and a half to two degrees) in many parts of Ireland and Scotland. *Highest* readings occurred in Ireland and Scotland on the 6th and 7th, but were in very few cases much above 75°. Over England they were observed on the 8th, when the thermometer rose slightly above 80° at several of the inland stations. *Lowest* readings occurred at various times in the different districts; at many of the inland stations in the west and north the thermometer fell a little below 40°. *Range* was moderate. *Vapour Tension* ranged from 0·45 in. at Spurn Head, and 0·44 in. and upwards at most of the English Channel stations to 0·37 in. and less in the north of Ireland, and to 0·36 in. and less in the east of Scotland and the Shetlands. *Relative Humidity* varied from 90 per cent. at Wick, 87 per cent. at Donaghadee, and 86 per cent. at Dungeness to 74 per cent. in London, and 73 per cent. at Aberdeen.

Rainfall was considerably in excess of the average* in nearly all places, the only district in which any general deficiency was shown being the extreme south-west of England. The largest amounts collected during the month were 8·7 ins. at Hawes Junction, 7·4 ins. at Glencarron, 6·1 ins. at Marchmont and Glenlee, and 5·9 ins. at Killarney; the smallest being 1·9 ins. at Churchstoke, 2·2 ins. at Hereford, Scilly and Prawle Point, and 2·4 ins. at Nairn. At many of the Irish and Scotch stations rain fell on 20 or more days, the largest numbers being 28 at Laudale and 25 at Hawes Junction and Killarney. The heaviest falls in a short period were: (1) On the 18th, when over an inch occurred in some parts of eastern and central England; (2) on the 24th, when a similar quantity fell at some of the Irish stations; (3) between the 25th and 27th, when a heavy and continuous fall over the south of Scotland and the north of England resulted in an aggregate for the three days of 3·2 ins. at Glenlee, and 2·6 ins. at Alnwick Castle, Shields, and Durham; and (4) between the 28th and 29th, when more than an inch was reported on some parts of our east and south-east coasts. In addition to these a fall of 1·2 ins. was registered in London on the 21st.

Bright Sunshine was rather deficient in all localities excepting the north of England and the Channel Islands. The per-centage of the possible duration ranged from 49 at Jersey, and 40 or more on our south and south-west coasts generally to 20 or less at several stations situated in the northern parts of Ireland and Scotland, and to only 10 at Fort Augustus.

* The averages employed are—*Pressure and Temperature* for the 20 years, 1871–90; *Rainfall* for the 25 years, 1866–90; and *Bright Sunshine* for the 10 years, 1881–90.

TABLE XIII.—Giving a SUMMARY of the METEOROLOGICAL OBSERVATIONS made at TELEGRAPHIC
Observations are made at 8 a.m. daily, but the Numbers of Days of Rain, Snow, Hail,
(The Stations are grouped in Districts, and then arranged in order of Latitude,

NAMES OF DISTRICTS.	NAMES OF STATIONS.	Mean Height of Barometer (at 32° Fahrenheit and Mean Sea Level) from Observations made at 8 a.m.	Difference from Average.	AIR TEMPERATURE.								
				Means of					Absolute Extremes.			
				At 8 a.m.	Minima.	Maxima.	Min. and Max. combined.	Difference from Average.	Minimum.	Date.	Maximum.	Date.
0. SCOTLAND, N.	Sumburgh Head	ins. 29° 710	in. -0° 074	53° 5	48° 4	57° 8	41° 1	+0° 4	43	26th 27th	67	7th
	Wick	29° 756	-0° 50	55° 4	48° 0	60° 5	54° 3	-1° 0	38	29th	73	6th
	Stornoway	29° 747	-0° 48	54° 2	48° 5	59° 0	53° 8	-0° 8	43	16th, 18th	66	21st
1. SCOTLAND, E.	Nairn	29° 741	-0° 74	56° 5	47° 7	63° 5	55° 6	-2° 0	40	5th	76	7th
	Aberdeen	29° 760	-0° 66	57° 6	49° 7	62° 4	56° 1	-1° 2	40	5th	75	7th
	Leith	29° 770	-0° 74	58° 1	50° 5	65° 6	58° 1	-0° 9	46	12th, 13th	77	6th
2. ENGLAND, N.E.	Shields	29° 782	-0° 85	57° 1	50° 3	63° 8	57° 1	-1° 1	44	13th	77	8th
	York	29° 815	-0° 86	58° 3	52° 0	67° 8	59° 9	-0° 4	45	5th, 13th	79	8th
	Spurn Head	29° 804	-0° 96	60° 3	54° 5	65° 1	59° 8	-0° 4	51	5th, 16th	75	7th, 8th
3. ENGLAND, E.	Yarmouth	29° 840	-0° 89	61° 4	54° 5	66° 5	60° 5	-0° 3	49	13th	77	9th
	Cambridge	29° 867	-0° 70	60° 0	52° 4	70° 6	61° 5	-0° 6	45	30th	80	8th
4. MIDLAND COUNTIES	Loughborough	29° 852	-0° 76	59° 4	52° 6	69° 5	61° 1	-1° 0	44	6th	81	8th
	Oxford	29° 874	-0° 72	59° 5	53° 8	68° 8	61° 3	-0° 2	47	13th	78	8th
5. ENGLAND, S.	London	29° 890	-0° 67	61° 5	54° 4	71° 5	63° 0	-0° 2	47	7th	82	8th
	North Foreland	29° 884	-0° 71	61° 6	55° 5	67° 9	61° 7	+0° 5	51	15th	74	9th
	Dungeness	29° 881	-0° 76	60° 6	55° 2	66° 0	60° 6	-1° 0	47	13th	73	14th
	Hurst Castle	29° 899	-0° 69	61° 4	55° 5	66° 8	61° 2	-0° 5	49	5th	72	8th, 17th
6. SCOTLAND, W.	Ardrossan	29° 776	-0° 80	56° 7	52° 5	62° 0	57° 3	-0° 9	44	5th	68	1st
7. ENGLAND, N.W.	Hawes Junction*	28° 586	?	52° 3	45° 7	60° 0	52° 9	?	39	5th	70	8th
	Liverpool	29° 831	-0° 75	58° 6	53° 5	65° 4	59° 5	-0° 6	50	5th, 24th	77	8th
	Holyhead	29° 835	-0° 75	57° 4	52° 6	62° 0	57° 3	-1° 8	48	5th	66	6th, 8th
8. ENGLAND, S.W.	Pembroke	29° 865	-0° 71	57° 8	54° 4	61° 3	57° 9	-0° 8	51	5th, 30th	65	6th, 8th
	Prawle Point	29° 910	-0° 77	58° 6	53° 7	63° 3	58° 5	-0° 6	50	5th, 6th, 11th, 15th.	69	12th
9. IRELAND, N.	Malin Head	29° 767	-0° 88	54° 9	52° 9	59° 9	56° 4	-1° 0	51	2nd, 4th, 5th, 13th, 23rd.	71	6th
	Donaghadee	29° 814	-0° 63	56° 8	49° 7	62° 5	56° 1	-1° 4	43	5th	72	6th, 7th
	Belmullet	29° 820	-0° 45	57° 5	52° 7	60° 9	56° 8	-1° 1	45	4th	66	5th
10. IRELAND, S.	Parsonstown	29° 838	-0° 75	56° 6	50° 6	64° 1	57° 4	-1° 6	44	4th	74	6th
	Valencia (Cahiriveen)	29° 867	-0° 68	58° 3	52° 6	61° 8	57° 2	-1° 6	44	31st	66	5th
	Roche's Point	29° 871	-0° 61	58° 0	53° 0	63° 6	58° 3	-1° 4	48	19th	68	12th
CHANNEL ISLANDS	Scilly	29° 904	-0° 69	60° 5	56° 1	65° 1	60° 6	+0° 3	53	14th	72	8th
	Jersey	29° 953	-0° 48	62° 4	56° 6	67° 2	61° 9	-0° 4	48	16	78	8th

* Hawes Junction is 1,135 feet above Mean Sea Level, and the

SUMMARY OF OBSERVATIONS, JULY 1895.

xxvii

REPORTING STATIONS in the BRITISH ISLANDS during the Month of JULY 1895.

Thunderstorms, and Gales are counted irrespective of the Hours at which they occurred.
beginning in each case with the Station lying furthest North.)

TENSION OF VAPOUR.	RELATIVE HUMIDITY.	AMOUNT OF CLOUD.	RAINFALL.				WEATHER, No. of Days of							WIND, No. of Observations of								
			Total Fall in the Month.	Difference from Average.	Maximum Fall in One Day.	Date.	Rain.	Snow.	Hail.	Thunderstorms.	Clear Sky.	Overcast.	Gales.	North.	N.E.	East.	S.E.	South.	S.W.	West.	N.W.	Calms.
in.	%		ins.	ins.	ins.																	
0357	87	8'1	2'69	+0'42	0'41	24th	17	0	0	0	0	18	0	4	7	2	2	0	3	4	7	2
395	90	7'7	2'56	+0'22	0'48	24th	20	0	1	0	2	19	3	7	3	4	3	3	2	2	7	0
375	89	8'6	3'86	+0'84	0'92	9th	19	0	0	0	0	19	3	8	2	6	1	5	2	5	2	0
384	84	7'3	2'41	-0'18	0'52	1st	18	0	0	1	0	12	0	2	1	1	1	1	1	11	4	9
346	73	6'2	3'34	+0'56	0'48	22nd	20	0	0	0	0	7	5	1	4	1	4	6	2	3	10	0
369	76	7'4	3'97	+1'12	0'90	26th	16	0	0	2	2	20	0	1	3	3	0	1	4	11	0	8
382	81	7'6	4'73	+2'07	1'02	26th	17	0	0	5	2	16	3	0	3	1	3	5	8	4	5	2
406	83	6'1	3'81	+1'11	0'96	18th	19	0	0	4	9	12	0	1	1	2	2	9	5	6	5	0
452	87	7'0	2'26	+0'52	0'50	21st	16	0	0	7	3	12	2	1	2	1	3	6	6	6	6	0
412	76	4'5	3'34	+0'49	0'81	21st	16	0	0	2	11	2	0	2	2	1	1	5	7	8	5	0
415	80	6'9	4'11	+1'69	0'67	21st	14	0	1	4	7	19	0	3	1	1	1	7	9	5	4	0
399	79	7'1	3'26	+0'92	1'15	18th	15	0	0	3	12	3	3	0	0	2	3	4	6	10	5	1
385	76	7'1	3'41	+0'83	0'67	20th	17	0	0	4	7	18	0	4	2	0	1	7	8	4	5	0
400	74	6'7	4'03	+1'65	1'23	21st	15	0	0	2	6	12	0	2	2	1	1	6	7	5	6	1
441	81	5'8	2'79	?	0'87	27th	15	0	0	2	4	10	1	2	2	0	1	7	4	10	5	0
457	86	6'7	2'51	+0'56	0'55	21st	13	0	0	2	1	6	5	1	2	0	0	4	10	9	3	2
443	82	6'8	3'53	+1'33	0'76	27th	15	0	0	1	3	12	2	2	3	0	1	3	8	8	1	5
389	85	7'9	3'59	+0'68	1'16	26th	18	0	0	1	3	19	1	3	5	1	2	4	3	5	4	4
360	92	7'9	8'73	?	2'76	25th	25	0	0	3	2	19	0	4	1	2	6	9	5	1	3	0
369	75	6'8	3'80	+0'84	0'89	25th	17	0	0	1	3	13	3	1	0	1	5	3	2	13	3	3
403	86	7'5	2'79	+0'39	0'54	25th	17	0	0	0	0	13	5	3	2	3	0	5	7	5	4	2
407	84	5'9	2'89	+0'35	0'73	23rd	12	0	0	0	5	13	4	4	2	1	2	0	11	4	7	0
419	85	6'6	2'21	-0'03	0'41	18th	15	0	0	0	3	12	4	2	1	2	2	4	9	9	2	0
368	86	9'0	3'47	?	0'95	26th	21	0	0	0	2	26	6	3	2	3	2	6	6	4	4	1
402	87	6'9	2'63	-0'19	0'78	25th	21	0	0	1	1	10	1	1	1	1	2	3	5	7	11	0
405	85	7'7	4'21	?	0'94	7th	23	0	0	0	1	17	2	4	2	2	0	2	9	5	7	0
380	82	8'3	3'63	+0'67	0'74	24th	19	0	0	0	1	21	0	0	0	2	1	2	3	10	0	13
397	81	9'2	5'35	+1'45	1'14	17th	19	0	0	0	0	26	0	1	1	2	3	6	4	5	3	6
410	85	6'9	3'64	+0'35	0'55	15th, 23rd	16	0	0	0	0	13	0	4	0	0	7	1	6	4	9	0
446	85	6'8	2'23	-0'23	0'84	19th	14	0	0	1	0	6	2	3	2	0	1	4	6	7	8	0
445	79	6'4	2'77	+0'37	0'51	18th	12	0	0	5	3	11	6	1	3	2	1	3	7	9	4	1

barometer at this station is not reduced for altitude.

TABLE XIV.

OBSERVATIONS of TEMPERATURE, RAINFALL, and BRIGHT SUNSHINE, obtained from the VALUES supplied for use in the WEEKLY WEATHER REPORT for the Month of JULY 1895.

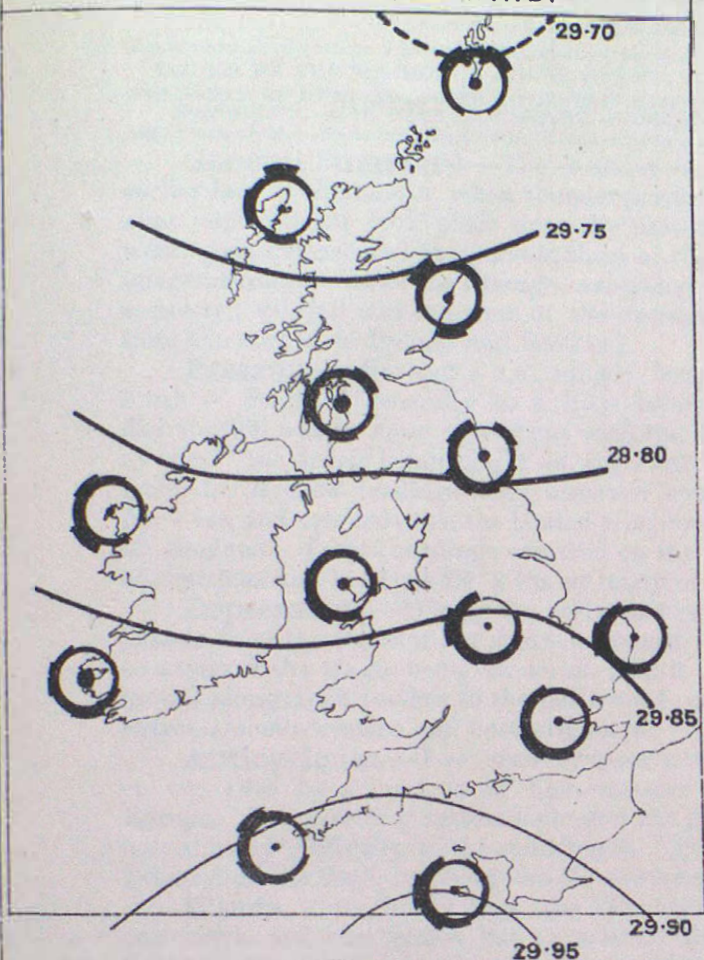
STATIONS.	AIR TEMPERATURE.								RAINFALL.					BRIGHT SUNSHINE.			
	Means of				Absolute Extremes.				No. of Rainy Days.	Total Fall in the Month.	Difference from Average.	Maximum Fall in One Day.	Date.	No. of Hours recorded.	Difference from Average.	Percentage of possible Duration.	Difference from Average.
	Minima.	Maxima.	Min. and Max. combined.	Difference from Average.	Minimum.	Date.	Maximum.	Date.									
STORNOWAY	°	°	°	°	°	*	°	*	*	ins.	ins.	ins.	*	119'2	-25'9	22	° 5
GLENCARRON	46'8	59'0	52'9	-2'0	38	19th	67	7th, 8th, 18th	24	7'42	+1'32	1'06	21st	—	—	—	—
FORT AUGUSTUS	49'6	61'4	55'5	-1'5	43	5th	70	6th, 7th	22	3'45	+0'31	0'52	1st	50'1	?	10	?
FORT WILLIAM	50'0	60'8	55'4	-1'8	43	25th	69	6th	22	4'61	-0'76	0'70	11th	74'5	?	14	?
ABERDEEN	*	*	*	*	*	*	*	*	*	*	*	*	*	167'1	-4'1	32	-1
BRAEMAR	46'1	59'8	53'0	-2'0	38	16th	71	6th, 7th	21	3'19	+0'28	0'56	18th	107'0	?	20	?
EDINBURGH	—	—	—	—	—	—	—	—	—	—	—	—	—	139'2	?	27	?
OCHTERTYRE	48'4	65'8	57'1	-0'4	42	12th, 15th, 24th	75	6th	16	3'65	+0'29	0'60	26th	—	—	—	—
MARCHMONT	48'8	62'4	55'6	-1'8	40	29th, 16th	72	6th, 8th	16	6'14	+2'65	1'22	26th	139'8	?	27	?
ALNWICK CASTLE	50'9	62'9	56'9	-0'8	46	13th	72	8th	21	5'73	+2'81	1'52	26th	—	—	—	—
DURHAM	49'6	66'5	58'1	-1'4	45	5th, 13th, 16th, 17th, 30th, 4th, 15th	78	8th	19	4'96	+1'98	1'56	25th	143'7	-19'1	28	-4
SCARBOROUGH	52'0	66'4	59'2	-0'2	47	—	81	8th	14	4'85	+2'07	0'89	18th	—	—	—	—
OSWALDKIRK	—	—	—	—	—	—	—	—	—	—	—	—	—	146'8	?	29	?
YORK	*	*	*	*	*	*	*	*	*	*	*	*	*	166'7	+5'1	33	+1
HILLINGTON	51'3	69'4	60'4	-0'8	42	30th	81	8th	16	2'73	-0'24	0'55	3rd	192'2	-0'5	38	-1
GELDESTON	52'2	69'8	61'0	-0'2	45	6th	80	9th	16	3'80	+1'14	0'95	21st	214'0	+7'4	43	+1
CAMBRIDGE	*	*	*	*	*	*	*	*	*	*	*	*	*	191'4	-3'6	39	0
ROTHAMSTED	51'8	69'3	60'6	-0'2	43	7th	79	8th	13	4'86	+2'07	1'33	18th	180'0	?	37	?
BAWTRY	51'6	68'7	60'2	-0'6	44	4th	81	8th	17	4'08	+1'32	1'11	18th	—	—	—	—
WORKSOP	—	—	—	—	—	—	—	—	—	—	—	—	—	157'4	-2'5	31	-1
STAMFORD (KETTON HALL).	51'5	69'8	60'7	-1'3	43	6th, 30th	80	8th	15	2'78	+0'06	0'82	18th	—	—	—	—
THURCASTON	—	—	—	—	—	—	—	—	—	—	—	—	—	172'3	+8'6	34	+1
CHEADLE	50'6	65'4	58'0	-0'4	46	13th, 16th, 30th	76	8th	16	4'99	+1'86	0'91	18th	—	—	—	—
SOLIHULL	51'4	66'8	59'1	-1'6	43	30th	77	8th	15	3'00	?	0'79	18th	—	—	—	—
CHURCHSTOKE	50'5	66'1	58'3	-0'2	43	5th, 6th, 30th	75	8th	15	1'93	-0'73	0'41	23rd	167'9	-7'0	34	-1
HEREFORD	52'2	69'3	60'8	-0'1	44	6th	79	8th	14	2'24	-0'14	0'46	1st	—	—	—	—
CIRENCESTER	51'8	67'5	59'7	-0'2	44	8th	77	8th	15	3'51	+0'46	0'72	23rd	173'8	-9'5	35	-2
OXFORD	*	*	*	*	*	*	*	*	*	*	*	*	*	183'7	-5'5	37	-1
LONDON	*	*	*	*	*	*	*	*	*	*	*	*	*	182'4	+7'3	37	+1
MARGATE	—	—	—	—	—	—	—	—	—	—	—	—	—	187'8	?	38	?
STRATHFIELD TURGIS	52'0	71'3	61'7	-0'2	44	5th, 8th, 13th	80	8th, 17th	19	4'03	+1'67	0'64	27th	—	—	—	—
HASTINGS	54'7	66'6	60'7	-1'1	50	15th	76	17th	14	3'04	+0'82	0'54	21st	196'7	-25'7	40	-5
EASTBOURNE	—	—	—	—	—	—	—	—	—	—	—	—	—	209'5	?	43	?
BRIGHTON	—	—	—	—	—	—	—	—	—	—	—	—	—	196'4	?	40	?
WESTBOURNE (SUSSEX)	—	—	—	—	—	—	—	—	—	—	—	—	—	191'2	?	39	?
SOUTHAMPTON	54'2	70'3	62'3	-0'0	48	5th, 30th	77	7th, 8th, 10th	16	3'86	+1'20	0'70	27th	196'3	-10'2	40	-2
STOWELL	52'3	66'8	59'6	-0'3	44	30th	75	8th	17	3'63	?	0'93	19th	—	—	—	—
LAUDALE	50'0	61'7	59'9	-1'4	40	25th	69	6th	28	5'38	-0'19	0'65	11th	—	—	—	—
GLASGOW	50'3	62'4	56'4	-1'4	44	5th	71	6th, 7th	19	4'12	+0'58	1'01	26th	124'0	-10'0	24	-2
GLENLEE	47'4	63'7	55'6	-1'6	38	5th, 30th	70	6th	22	6'11	+1'83	2'27	26th	—	—	—	—
DOUGLAS	50'4	62'7	56'6	-0'9	45	6th	68	6th	14	3'10	+0'05	0'97	25th	170'3	-26'0	34	-5
STONYRURST	51'0	63'4	57'2	-1'8	44	30th	73	8th	20	5'33	+0'79	0'89	25th	176'2	+9'9	35	+2
BLACKPOOL	52'5	66'0	59'3	-0'4	44	31st	75	8th	15	3'95	+0'71	1'46	25th	190'5	+11'9	38	+3
MANCHESTER (PREST-WICH).	51'5	64'6	58'1	-1'0	41	30th	77	8th	21	5'12	+1'26	0'83	25th	141'9	?	28	?
„ (OLDHAM RD.)	—	—	—	—	—	—	—	—	—	—	—	—	—	120'7	?	24	?
LLANDUDNO	53'2	64'6	58'9	-1'4	47	5th	74	8th	19	4'54	+1'88	0'98	18th	177'3	+12'8	35	+2
LLANDOVERY	50'4	68'1	59'3	-0'3	38	5th, 30th	77	6th, 8th	19	5'38	+1'40	0'67	1st	—	—	—	—
PEMBROKE	*	*	*	*	*	*	*	*	*	*	*	*	*	194'3	-7'8	40	-1
BRISTOL (MONTPELIER)	55'1	69'4	62'3	+1'2	45	5th	80	8th	16	3'60	+0'39	0'58	18th	—	—	—	—
TENBY	—	—	—	—	—	—	—	—	—	—	—	—	—	197'6	?	40	?
ARLINGTON	51'0	64'1	57'6	-1'4	44	5th	74	8th	17	5'34	+0'59	1'00	23rd	—	—	—	—
CULLOMPTON	52'0	68'2	60'1	-0'3	43	15th	75	8th	15	2'94	-0'03	0'60	23rd	173'2	-3'9	35	-1
TORQUAY	—	—	—	—	—	—	—	—	—	—	—	—	—	179'5	?	37	?
NEWQUAY	—	—	—	—	—	—	—	—	—	—	—	—	—	103'7	?	40	?
FALMOUTH	54'4	65'2	59'8	-0'4	50	7th	71	8th	16	2'88	-0'40	0'60	19th	202'9	-8'0	42	-1
PLYMOUTH	54'0	64'0	59'0	-2'6	48	7th	68	8th	15	3'32	+0'49	0'67	1st	190'8	-1'4	39	-1
SCILLY	*	*	*	*	*	*	*	*	*	*	*	*	*	193'7	?	41	?
GUERNSEY	—	—	—	—	—	—	—	—	—	—	—	—	—	232'2	?	48	?
JERSEY	*	*	*	*	*	*	*	*	*	*	*	*	*	234'4	+4'0	49	+1
LONDONDERRY	51'2	64'4	57'8	-0'9	47	25th	76	6th	23	4'67	+1'21	1'01	26th	—	—	—	—
EDENFEL (OMAGH)	†	†	†	†	†	†	†	†	22	4'43	+1'06	0'83	21st	—	—	—	—
MARKREE CASTLE	49'8	63'2	56'5	-0'8	40	17th	71	6th	21	5'03	+1'75	0'76	1st	85'0	-45'9	17	-9
BROOKBOROUGH	50'0	62'9	56'5	-1'0	43	4th, 17th	73	6th	23	4'22	+0'63	0'54	25th	—	—	—	—
ARMAGH	49'4	64'1	56'8	-1'5	45	23rd	74	6th	22	5'45	+2'26	1'27	26th	101'5	-37'3	20	-7
EDGEWORTHSTOWN	48'2	63'2	55'7	-2'4	39	18th	74	6th	19	4'40	+0'72	1'31	25th	—	—	—	—
ABLEY COTTAGE (COUNTY CAVAN).	—	—	—	—	—	—	—	—	—	—	—	—	—	81'0	?	16	?
DUBLIN	53'0	65'3	59'2	-0'9	48	4th	74	6th	16	4'50	+2'13	1'26	25th	133'4	-27'0	27	-5
PARSONSTOWN	*	*	*	*	*	*	*	*	*	*	*	*	*	99'5	-47'6	20	-9
KILKENNY CASTLE	51'6	64'6	58'1	-1'0	42	4th	71	6th	16	3'42	+0'90	0'94	24th	—	—	—	—
VALENCIA (CAHILL-CIVIL).	*	*	*	*	*	*	*	*	*	*	*	*	*	114'4	-43'1	23	-9
KILLARNEY	52'1	63'3	57'7	-1'1	44	10th, 19th	69	6th	25	5'86	?	1'06	24th	—	—	—	—
FOYNES	51'9	62'8	57'4	-1'3	46	16th	72	6th	16	3'13	?	0'82	24th	—	—	—	—

MONTHLY WEATHER CHART JULY 1895.

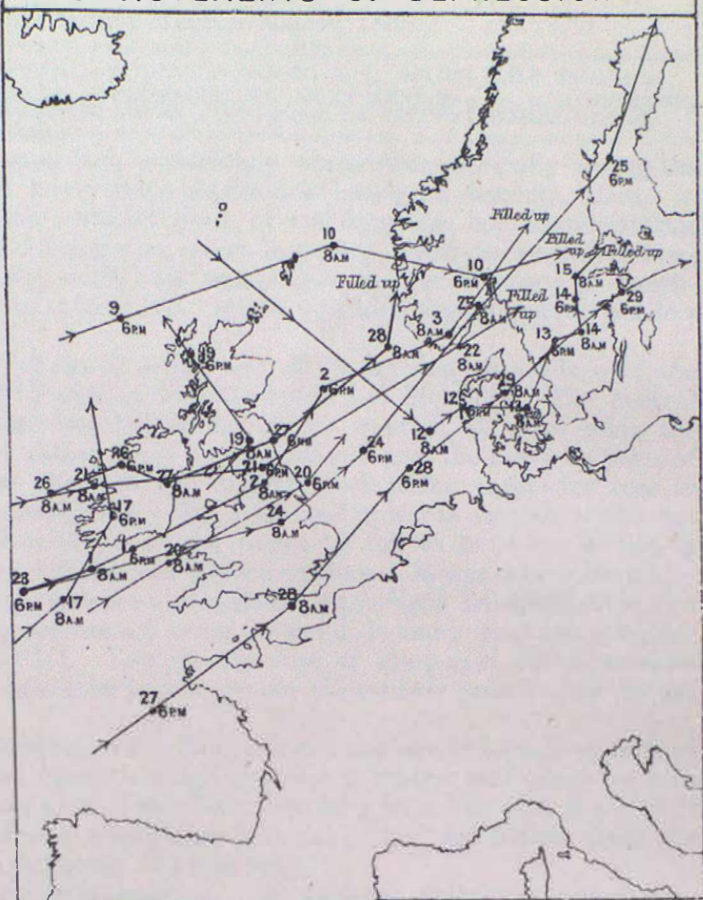
Monthly Summary.

Plate VII.

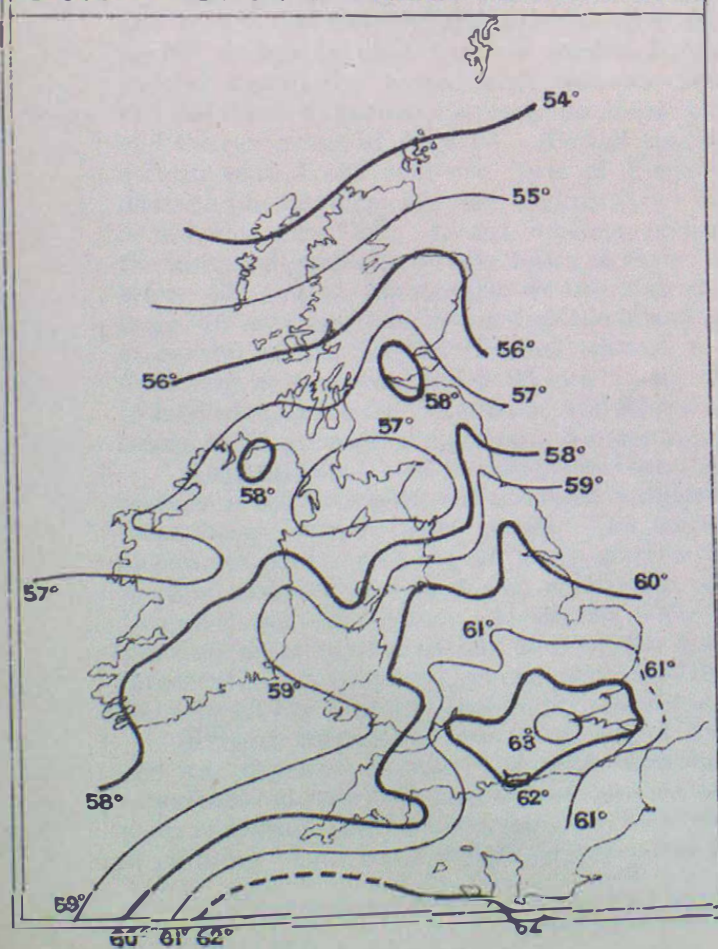
1. BAROMETER AND WIND.



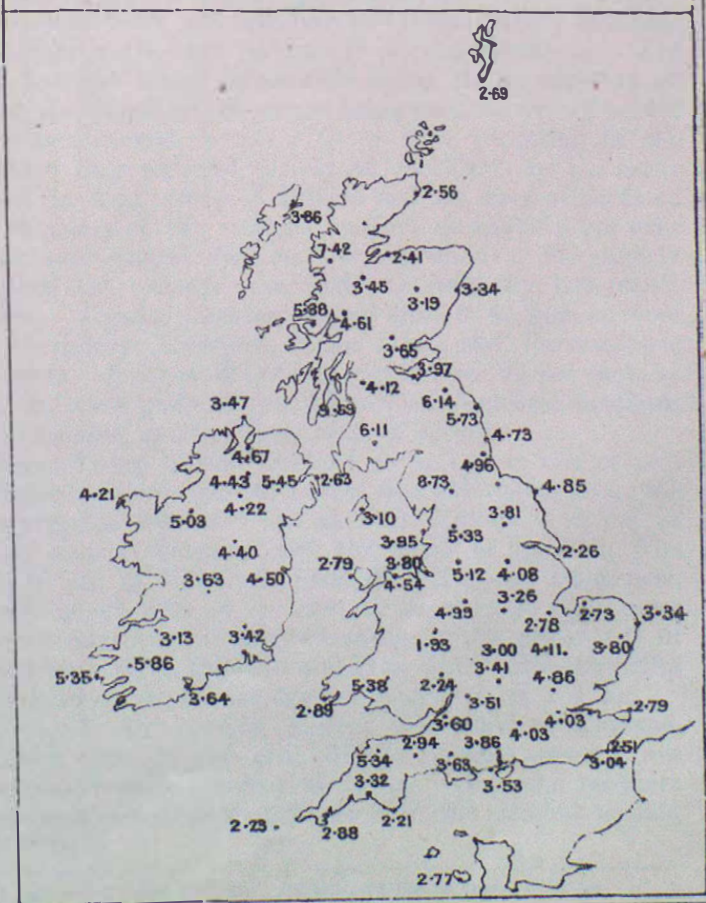
2. MOVEMENTS OF DEPRESSIONS.



3. DISTRIBUTION OF MEAN TEMPERATURE.



4. RAINFALL.



SUMMARY OF THE OBSERVATIONS MADE IN THE DAILY AND WEEKLY WEATHER REPORTS IN CANADA MONTH

1900

MONTH OF JANUARY	
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	

Summary of the observations made in the daily and weekly weather reports in Canada for the month of January 1900. The following table shows the number of days in which the temperature was above or below the freezing point, and the number of days in which the wind was from the north, south, east, or west. The table also shows the number of days in which the sky was clear, cloudy, or foggy, and the number of days in which the weather was calm or stormy.

Direction	Number of Days
North	12
South	10
East	8
West	6

The following table shows the number of days in which the temperature was above or below the freezing point, and the number of days in which the wind was from the north, south, east, or west. The table also shows the number of days in which the sky was clear, cloudy, or foggy, and the number of days in which the weather was calm or stormy.

Direction	Number of Days
North	12
South	10
East	8
West	6

OFFICIAL COPY.

SUMMARY of the OBSERVATIONS made at the STATIONS included in the DAILY and WEEKLY WEATHER REPORTS, for the CALENDAR MONTH,

AUGUST 1895.

(Issued as a Supplement to the Weekly Weather Report, 1895.)

ISSUED BY THE METEOROLOGICAL OFFICE, 63, VICTORIA STREET, LONDON; R. H. SCOTT, F.R.S., SECRETARY.
PUBLISHED BY EYRE AND SPOTTISWOODE, EAST HARDING STREET, FLEET STREET, E.C.; JOHN MENZIES & Co., 12, HANOVER ST., EDINBURGH, and 90, WEST NILE STREET, GLASGOW; AND HODGES, FIGGIS, & Co., LIMITED, 104, GRAFTON STREET, DUBLIN.

General Summary.—The weather of August was exceedingly changeable, especially during the earlier half of the month, when thunderstorms and heavy rains occurred in nearly all districts. Later on some improvement took place over the eastern and southern parts of the kingdom, but thunderstorms were again experienced at intervals, those of the 22nd being very severe in places. Pressure was rather low; temperature was above the average, excepting in the south; the winds were mainly Westerly or South-westerly; rainfall was in excess of the average in most localities; bright sunshine was abundant, but less than the normal in Ireland and Scotland.

Pressure.—*Mean at 8 a.m.* ranged from 30·0 ins. at Jersey and 29·9 ins. and upwards over the south of England generally to a little below 29·7 ins. in the Shetlands and Hebrides. The general distribution was in close agreement with the normal, but the actual values were in all cases below the average,* the deficit being slight in the south, but rather large over Scotland and the northern parts of Ireland. *Highest* readings were observed between the 15th and the 17th, when the barometer rose to 30·1 ins. and upwards over the United Kingdom generally, and to 30·2 ins. and upwards over the south-east of England. *Lowest* readings occurred on the 3rd or 4th, when the barometer fell to 29·4 ins. or less in all districts, and to about 29·2 ins. at many of our northern and eastern stations. *Range* was moderate.

Depressions.—During the early part of the month several shallow depressions advanced over our islands from the westward or south-westward, their movements being, however, in many cases too irregular to admit of the tracks being shown on Map 2, PL. VIII. Towards the close of the period the depressions moved along much further to the northward, and in one or two instances the centres passed close to our extreme north-western and northern coasts.

Anticyclones.—Two such systems were observed. The first of these appears to have been formed on the 14th by a junction of high-pressure areas lying respectively over northern and south-western Europe. The resulting system embraced the greater part of the Continent for a time, but after the 18th it moved away gradually to the southwards. The second anticyclone advanced over our islands from the Atlantic on the 24th, but soon receded southwards to France and Germany.

Winds were chiefly from the Westward or South-westward. Scarcely any gales were reported on our north and east coasts, but at most of the western and southern stations there were two or three, at Scilly five, and at Pembroke as many as seven.

Temperature.—*Mean at Sea Level* ranged from a little above 63° in London and at Southampton and Jersey, and from 62° and upwards over the greater part of our southern and south-eastern counties, to 58° or less in some parts of central Ireland, and to very little above 55° in the Shetlands. The general distribution agreed fairly with the normal, but the actual values were above the average* in all but the south-western and extreme southern parts of the kingdom, the excess being greatest over Scotland and the north-east of England. *Highest* readings were observed on the 17th or 18th, excepting in the eastern, central, and southern parts of England, where they occurred mainly on the 22nd; in the latter districts the thermometer rose slightly above 80°, but in some parts of Ireland and the west of Scotland it did not exceed 70°. *Lowest* readings occurred at many of the western stations on the 8th, but over the kingdom generally on the 25th; in some of the more central districts the thermometer fell slightly below 40°, and at Llandoverly on the 25th it touched 35°. *Range* was moderate generally, but rather large (40° and upwards) at some of the inland stations. *Vapour Tension* ranged from 0·45 inch or more at several of the English Channel stations to 0·40 inch at Liverpool, Malin Head, and Parsonstown, 0·39 inch at Aberdeen, and 0·38 inch in the Shetlands. *Relative Humidity* varied from 92 per cent. at Donaghadee, and from between 85 and 90 per cent. on many parts of our western and extreme northern coasts, to 78 per cent. at Liverpool, Yarmouth, and in London, and to 77 per cent. at Jersey.

Rainfall amounted to rather less than the average* over central England, as well as at one or two stations in our northern and southern counties; elsewhere there was an excess, the divergence from the mean being large in many places. The largest aggregates were 9·1 ins. at Fort William, 8·0 ins. at Glencarron, and over 6 ins. at many stations in the west of Scotland and the north of Ireland. The smallest amounts were 1·4 ins. at Bawtry, and 1·8 ins. at Hereford, Strathfield Turgiss, Dungeness, Liverpool and Llandudno. At various times in the month falls of an inch or more in 24 hours were experienced at several of our stations, the heavy rain occurring in many cases during the prevalence of thunderstorms. The most general example of this was reported on the 10th and 11th, when large quantities fell over all our western districts, the amount at Holyhead on the former day being as much as 2·7 ins.

Bright Sunshine was in excess of the average* over eastern, central, and southern England, but was deficient in nearly all other districts. More than 50 per cent. of the possible amount was experienced at many of the Channel stations, and as much as 56 per cent. at Jersey. Over the northern parts of Ireland and Scotland, however, there was, in most cases, less than 20 per cent., the smallest amount of all being 13 per cent. at Fort Augustus and Fort William.

* The averages employed are—*Pressure* and *Temperature* for the 20 years, 1871–90; *Rainfall* for the 25 years, 1866–90; and *Bright Sunshine* for the 10 years, 1881–90.

TABLE XV.—Giving a SUMMARY of the METEOROLOGICAL OBSERVATIONS made at TELEGRAPHIC
Observations are made at 8 a.m. daily, but the Numbers of Days of Rain, Snow, Hail,
(The Stations are grouped in Districts, and then arranged in order of Latitude,

NAMES OF DISTRICTS.	NAMES OF STATIONS.	Mean Height of Barometer (at 32° Fahrenheit and Mean Sea Level) from Observations made at 8 a.m.	Difference from Average.	AIR TEMPERATURE.								
				Means of					Absolute Extremes.			
				At 8 a.m.	Minima.	Maxima.	Min. and Max. combined.	Difference from Average.	Minimum.	Date.	Maximum.	Date.
0. SCOTLAND, N.	Sumburgh Head	ins. 29°695	ins. -0°086	55°2	50°4	59°3	54°9	+1°8	38	29th	67	17th
	Wick	29°730	-0°080	56°9	51°1	63°1	57°1	+2°4	42	25th	73	17th
	Stornoway	29°674	-1°122	55°8	50°5	61°8	56°2	+1°9	41	25th	70	17th
1. SCOTLAND, E.	Nairn	29°702	-1°117	57°0	49°7	65°8	57°8	+0°9	41	25th	78	17th
	Aberdeen	29°745	-0°087	58°1	52°1	64°4	58°3	+1°7	44	9th, 15th	76	17th
	Leith	29°746	-1°103	58°7	53°2	67°0	60°1	+1°6	46	25th	77	18th
2. ENGLAND, N.E.	Shields	29°788	-0°083	59°5	53°0	67°1	60°1	+2°3	44	25th	78	17th
	York	29°833	-0°073	59°0	53°4	69°0	61°2	+1°6	43	25th	77	17th, 18th, 21st
	Spurn Head	29°836	-0°069	60°9	55°4	67°0	61°2	+1°5	49	25th	75	21st
3. ENGLAND, E.	Yarmouth	29°882	-0°046	61°5	55°1	67°7	61°4	+0°8	46	25th	76	29th
	Cambridge	29°910	-0°027	59°4	52°4	71°2	61°8	+0°2	42	1st, 25th	80	22nd
4. MIDLAND COUNTIES	Loughborough	29°886	-0°042	59°1	53°0	70°5	61°8	+0°7	42	25th	80	29th
	Oxford	29°916	-0°032	59°9	53°4	69°1	61°3	+0°1	44	25th	79	22nd
5. ENGLAND, S.	London	29°936	-0°018	61°2	53°8	72°0	62°9	+0°2	44	25th	81	19th, 21st, 22nd
	North Foreland	29°935	-0°015	62°4	55°5	68°1	61°8	+1°2	49	5th	78	22nd
	Dungeness	29°929	-0°020	61°5	56°2	67°1	61°7	-0°3	45	25th	71	18th, 19th, 22nd
	Hurst Castle	29°944	-0°021	62°3	56°8	67°3	62°1	+0°1	47	25th	74	21st
6. SCOTLAND, W.	Ardrossan	29°750	-1°107	58°3	54°5	62°6	58°6	+0°4	49	15th	72	17th
7. ENGLAND, N.W.	Hawes Junction*	28°596	?	53°6	47°8	61°4	54°6	?	37	25th	73	17th
	Liverpool	29°843	-0°063	60°1	54°4	65°9	60°2	+0°2	50	4th, 14th, 25th	75	17th, 18th
	Holyhead	29°834	-0°073	58°4	54°4	63°5	59°0	-0°5	49	1st, 25th	73	17th
8. ENGLAND, S.W.	Pembroke	29°879	-0°049	58°9	56°1	61°7	58°9	-0°5	51	8th	68	17th
	Prawle Point	29°944	-0°031	58°9	54°7	62°6	58°7	-1°2	48	25th	68	18th
9. IRELAND, N.	Malin Head	29°717	-1°138	57°2	54°7	62°0	58°4	+0°7	50	8th	69	18th
	Donaghadee	29°789	-0°090	57°3	51°5	63°7	57°6	+0°4	42	25th	70	9th
	Belmullet	29°764	-1°106	58°3	54°3	61°5	57°9	-1°3	49	8th	68	17th
10. IRELAND, S.	Parsonstown	29°815	-1°105	57°1	51°9	64°5	58°2	-0°5	43	8th	72	17th
	Valencia	29°828	-0°099	58°7	53°7	63°2	58°5	-0°9	46	25th	70	17th
	Roche's Point	29°859	-0°068	58°3	53°7	63°3	58°5	-1°5	48	7th, 8th, 25th	66	20th, 28th
CHANNEL ISLANDS	Scilly	29°921	-0°041	60°5	56°9	65°4	61°2	+0°2	50	6th	70	29th
	Jersey	29°998	+0°014	63°6	57°3	69°1	63°2	+0°2	51	25th	82	21st

* Hawes Junction is 1,135 feet above mean sea level, and the

SUMMARY OF OBSERVATIONS, AUGUST 1895.

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REPORTING STATIONS in the BRITISH ISLANDS during the Month of AUGUST 1895.

Thunderstorms, and Gales are counted irrespective of the Hours at which they occurred.

beginning in each case with the Station lying furthest North.)

TENSION OF VAPOUR.	RELATIVE HUMIDITY.	AMOUNT OF CLOUD.	RAINFALL.				WEATHER.							WIND.								
			Total Fall in the Month.	Difference from Average.	Maximum Fall in One Day.	Date.	No. of Days of							No. of Observations of								
							Rain.	Show.	Hail.	Thunderstorms.	Clear Sky.	Overcast.	Gales.	North.	N.E.	East.	S.E.	South.	S.W.	West.	N.W.	Calms.
in.	%		ins.	ins.	ins.																	
0.381	88	7.9	5.19	+2.03	1.29	29th	19	0	0	0	0	12	0	0	1	5	6	1	3	4	8	3
.415	90	8.3	3.19	+0.62	0.50	29th	17	0	0	0	0	18	1	0	1	1	3	11	2	6	6	1
.408	91	8.3	4.53	+0.86	0.95	31st	23	0	1	1	0	20	2	1	1	0	1	15	2	7	1	3
.408	88	7.3	3.12	+0.37	0.59	11th	25	0	0	2	1	14	0	0	0	0	1	1	3	6	2	18
.389	80	7.4	3.35	+0.32	0.61	23rd	19	0	0	0	0	12	0	0	4	0	4	5	9	4	5	0
.406	83	8.3	4.12	+1.56	0.72	21st	23	0	0	1	0	17	0	1	0	2	2	1	7	10	1	7
.416	82	7.9	3.42	+0.57	0.91	4th	15	0	0	0	0	12	0	1	0	0	2	6	17	4	1	0
.410	83	5.6	2.08	-0.46	0.49	10th	19	0	0	1	12	11	0	1	0	0	1	11	6	10	2	0
.434	82	6.0	2.19	+0.33	0.65	10th	16	0	0	5	3	7	0	0	0	0	2	6	9	10	4	0
.419	78	2.9	3.92	+1.77	1.69	13th	14	0	0	7	20	0	0	0	1	0	2	4	6	12	4	2
.440	88	5.4	4.98	+2.79	1.06	13th	16	0	1	5	9	12	0	1	0	0	2	5	17	2	4	0
.421	84	6.2	2.23	-0.30	0.45	13th	15	0	0	4	3	8	3	0	0	0	5	3	8	10	2	3
.416	81	5.6	2.28	+0.04	0.54	13th	15	0	1	4	9	11	0	0	0	0	4	6	12	9	0	0
.420	78	5.4	2.84	+0.63	0.81	13th	17	0	0	7	9	10	0	0	0	1	3	4	7	14	2	0
.454	81	4.0	2.00	?	0.32	22nd	14	0	0	6	7	3	0	0	1	0	1	5	8	12	4	0
.466	86	6.4	1.77	-0.27	0.28	10th	17	0	0	3	2	10	3	2	0	2	0	4	13	6	2	2
.471	84	5.8	2.67	+0.41	0.47	8th	14	0	0	3	0	10	1	0	1	3	1	2	11	6	2	5
.432	88	7.6	5.07	+1.29	0.77	10th	24	0	0	2	2	18	2	1	3	1	3	10	5	2	4	2
.391	95	8.6	6.54	?	1.26	26th	24	0	0	0	0	24	0	3	0	0	4	6	12	4	2	0
.402	78	7.5	1.83	-1.00	0.42	26th	16	0	0	1	3	18	0	0	0	0	6	6	8	8	1	2
.430	88	7.8	4.80	+2.03	2.68	10th	21	0	0	2	0	12	4	0	0	0	1	7	16	7	0	0
.441	90	7.6	3.35	+0.56	0.76	26th	16	0	0	0	2	17	7	0	0	0	3	2	9	11	6	0
.441	90	6.4	2.54	+0.40	0.56	12th	13	0	0	0	1	7	3	1	0	6	1	2	11	8	2	0
.397	85	8.3	4.34	?	1.20	3rd	23	0	1	0	0	20	3	2	1	1	2	7	13	3	2	0
.433	92	6.6	5.34	+2.30	0.77	6th	24	0	0	0	1	9	1	1	0	0	2	3	11	10	4	0
.414	84	6.4	4.89	?	0.72	10th	24	0	0	0	5	15	2	2	0	1	3	4	15	4	2	0
.401	85	7.0	4.88	+1.50	0.83	26th	23	0	0	1	1	14	0	0	0	0	2	3	10	4	2	10
.426	87	8.9	5.19	+9.49	1.57	10th	22	0	0	1	0	23	3	1	0	0	6	7	6	4	3	4
.429	87	7.0	5.25	+1.63	0.65	8th, 22nd	20	0	0	2	0	9	3	1	0	0	4	4	7	10	5	0
.456	87	7.2	2.21	-0.18	0.36	8th	18	0	0	1	0	9	1	0	0	1	4	7	6	8	5	0
.451	77	6.5	3.30	+1.06	0.52	10th	19	0	0	5	3	9	5	0	3	3	2	3	8	10	2	0

Barometer at this station is not reduced for altitude.

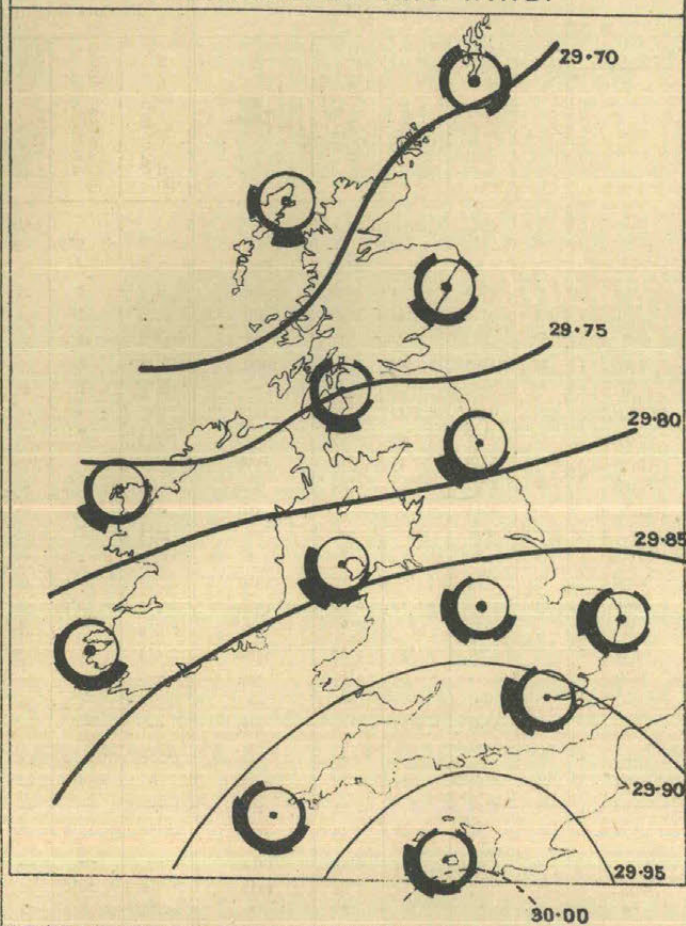
TABLE XVI.

OBSERVATIONS of TEMPERATURE, RAINFALL, and BRIGHT SUNSHINE obtained from the VALUES supplied for use in the WEEKLY WEATHER REPORT, for the Month of AUGUST 1895.

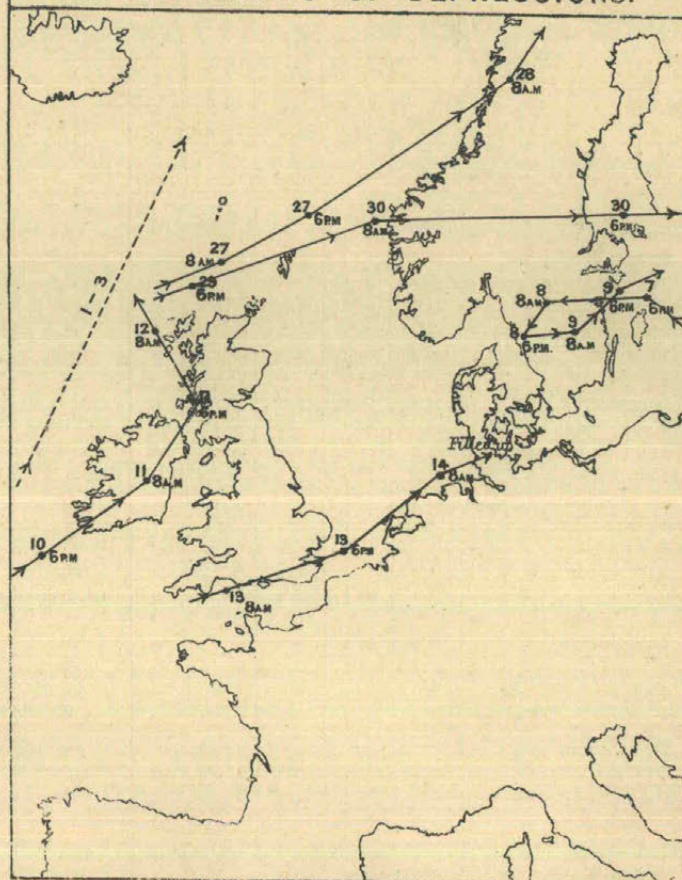
NAMES OF STATIONS.	AIR TEMPERATURE.								RAINFALL.					BRIGHT SUNSHINE.			
	Means of				Absolute Extremes.				No. of Rainy Days.	Total Fall in the Month.	Difference from Average.	Maximum Fall in One Day.	Date.	No. of Hours recorded.	Difference from Average.	Percentage of possible Duration.	Difference from Average.
	Minima.	Maxima.	Min. and Max. combined.	Difference from Average.	Minimum.	Date.	Maximum.	Date.									
STORNOWAY	°	°	°	°	°	°	°	°	ins.	ins.	ins.	°	123.8	+ 3.5	27	°	1
GLENCARRON	49.9	61.4	55.7	+ 1.1	43	3rd, 25th	73	17th, 18th	24	7.95	+ 1.35	2.19	29th	—	—	—	—
FORT AUGUSTUS	51.6	63.5	57.6	+ 1.3	42	25th	75	17th	26	5.06	+ 2.01	0.88	29th	62.5	?	13	?
FORT WILLIAM	53.1	61.9	57.5	+ 0.8	45	25th	70	17th	28	9.12	+ 3.42	1.59	29th	58.0	?	13	?
ABERDEEN	°	°	°	°	°	°	°	°	°	°	°	°	°	138.8	- 16.5	30	- 4
BRAEMAR	48.3	61.1	54.7	+ 0.8	36	15th	70	17th	25	4.93	+ 1.19	1.65	23rd	87.3	?	19	?
EDINBURGH	—	—	—	—	—	—	—	—	—	—	—	—	—	101.5	?	22	?
OCHTERTYRE	51.2	66.0	58.6	+ 1.7	42	24th	75	18th	26	6.91	+ 3.42	1.29	11th	—	—	—	—
MARCHMONT	51.5	64.8	58.2	+ 1.8	40	24th	77	17th	17	3.95	+ 0.49	0.99	4th	108.3	?	24	?
ALNWICK CASTLE	53.1	65.3	59.2	+ 2.2	44	25th	71	17th, 18th	20	3.39	+ 0.34	0.52	10th	—	—	—	—
DURHAM	51.6	68.2	59.9	+ 1.4	44	1st, 6th, 25th	78	17th	20	2.32	- 0.45	0.44	4th	139.4	- 13.3	31	- 2
SCARBOROUGH	53.7	68.6	61.2	+ 2.6	48	14th	77	18th, 21st	16	2.14	- 0.53	0.60	4th	—	—	—	—
OSWALDKIRK	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
YORK	°	°	°	°	°	°	°	°	°	°	°	°	°	136.5	?	30	?
HILLINGTON	51.9	71.1	61.5	+ 1.0	39	1st	81	22nd	15	3.75	+ 1.03	1.10	10th	148.0	+ 1.0	33	0
GELDESTON	52.1	70.5	61.3	+ 0.6	43	1st, 25th	80	22nd	13	3.18	+ 1.29	0.80	13th	206.4	+ 32.3	46	+ 7
CAMBRIDGE	—	°	°	°	°	°	°	°	°	°	°	°	°	224.3	+ 32.6	50	+ 7
ROTHAMSTED	52.4	69.2	60.8	+ 0.5	43	1st	78	22nd	17	3.78	+ 1.36	0.87	13th	218.9	+ 42.3	49	+ 9
BAWTRY	51.6	70.7	61.2	+ 1.2	39	25th	80	18th	18	1.42	- 0.98	0.36	3rd	214.3	?	48	?
WORKSOP	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
STAMFORD (KETTON HALL).	50.9	70.7	60.8	- 0.2	40	25th	81	22nd	16	2.05	- 0.21	0.50	5th	145.4	- 3.3	32	- 1
THURCASTON	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
CHIDDLE	51.5	65.9	58.7	+ 0.9	43	25th	75	17th	20	3.53	- 0.03	0.55	27th	172.6	+ 15.6	38	+ 3
SOLIHULL	51.7	68.3	60.0	+ 0.1	43	25th	77	22nd	21	3.21	?	0.73	2nd	—	—	—	—
CHURCHSTOKE	50.0	67.1	58.6	+ 0.3	39	8th, 25th	76	16th, 17th, 18th, 20th, 22nd	19	2.35	- 0.30	0.50	5th	182.0	+ 15.2	40	+ 3
HEREFORD	51.4	69.8	60.6	+ 0.1	40	25th	79	22nd	14	1.83	- 0.59	0.55	12th	—	—	—	—
CIRENCESTER	49.8	67.3	58.6	- 0.4	38	11th	76	22nd	16	2.67	- 0.37	0.55	12th	206.3	+ 26.6	46	+ 6
OXFORD	°	°	°	°	°	°	°	°	°	°	°	°	°	208.8	+ 26.2	47	+ 6
LONDON	°	°	°	°	°	°	°	°	°	°	°	°	°	210.5	+ 46.2	47	+ 10
MARGATE	—	—	—	—	—	—	—	—	—	—	—	—	—	203.5	?	46	?
STRATHFIELD TURGIS	50.7	71.5	61.1	- 0.4	41	25th	80	22nd	18	1.77	- 0.36	0.38	13th	238.5	+ 34.4	54	+ 8
HASTINGS	56.6	67.1	61.9	- 0.4	50	5th, 25th	76	22nd	13	2.76	+ 0.38	0.60	3rd	232.4	?	52	?
EASTBOURNE	—	—	—	—	—	—	—	—	—	—	—	—	—	242.5	?	55	?
BRIGHTON	—	—	—	—	—	—	—	—	—	—	—	—	—	223.2	?	50	?
WESTBOURNE (SUSSEX)	—	—	—	—	—	—	—	—	—	—	—	—	—	235.4	+ 32.5	53	+ 7
SOUTHAMPTON	54.7	71.0	62.9	+ 0.8	46	25th	79	19th	16	2.69	+ 0.07	0.43	6th	—	—	—	—
STOWELL	51.7	67.1	59.4	- 0.7	42	25th	75	22nd	17	4.02	?	0.77	6th	—	—	—	—
LAUDALE	52.8	62.7	57.8	+ 0.9	42	8th	68	8th	29	7.32	+ 2.08	1.20	29th	—	—	—	—
GLASGOW	53.2	63.6	58.4	+ 1.5	45	25th	73	17th	27	6.94	+ 3.17	1.14	11th	94.0	- 35.9	20	- 8
GLENLEE	51.0	64.2	57.6	+ 1.1	40	8th	72	17th	26	7.75	+ 3.35	1.67	10th	—	—	—	—
DOUGLAS	52.6	63.0	57.8	+ 0.6	41	4th	70	17th	18	5.43	+ 1.86	2.21	10th	138.9	- 31.8	31	- 7
STONYHURST	53.0	64.4	58.7	+ 0.1	45	1st, 8th, 25th	74	17th	21	5.19	+ 0.48	1.32	26th	136.2	- 13.5	30	- 3
BLACKPOOL	54.1	67.1	60.6	+ 1.2	43	1st	77	17th	20	3.07	+ 0.01	0.90	26th	145.6	- 13.3	32	- 3
MANCHESTER (PREST-WICH).	52.4	66.6	59.5	+ 0.6	43	8th, 25th	76	17th	17	3.97	+ 0.44	1.17	26th	131.3	?	29	?
MANCHESTER (OLDHAM ROAD).	—	—	—	—	—	—	—	—	—	—	—	—	—	122.4	?	27	?
LLANDUDNO	55.2	66.2	60.7	+ 0.5	48	1st, 8th	78	18th	19	1.79	- 0.88	0.34	26th	148.9	- 7.3	33	- 2
LLANDOVERY	50.6	68.2	59.4	- 0.3	35	25th	79	18th	20	5.67	+ 1.11	1.60	26th	—	—	—	—
PEMBROKE	°	°	°	°	°	°	°	°	°	°	°	°	°	157.4	- 43.9	35	- 10
BRISTOL (MONTPELIER)	54.5	69.4	62.0	+ 1.3	44	25th	78	21st	17	3.37	+ 0.05	0.58	5th	—	—	—	—
TENBY	—	—	—	—	—	—	—	—	—	—	—	—	—	155.4	?	35	?
ARLINGTON	51.2	64.8	58.0	- 0.8	41	8th, 25th	74	16th	17	5.96	+ 0.99	0.87	5th	—	—	—	—
CULLOMPTON	50.9	68.0	59.5	- 0.2	39	25th	75	19th	17	3.51	+ 0.76	0.78	10th	173.6	- 10.2	39	- 2
TORQUAY	—	—	—	—	—	—	—	—	—	—	—	—	—	188.3	?	43	?
NEWQUAY	—	—	—	—	—	—	—	—	—	—	—	—	—	198.9	?	45	?
FALMOUTH	54.6	65.0	59.8	- 0.7	47	8th	69	19th, 29th	17	2.38	- 1.20	0.55	8th	207.4	+ 1.2	47	0
PLYMOUTH	53.8	64.3	59.1	- 2.6	45	8th	71	17th, 18th	15	3.58	+ 0.79	1.00	10th	177.9	- 16.9	40	- 4
SCILLY	°	°	°	°	°	°	°	°	°	°	°	°	°	219.1	?	50	?
GUERNSEY	—	—	—	—	—	—	—	—	—	—	—	—	—	227.1	?	52	?
JERSEY	°	°	°	°	°	°	°	°	°	°	°	°	°	247.0	+ 4.1	56	+ 1
LONDONDERRY	52.4	65.7	59.1	+ 0.8	45	8th, 25th	75	21st	29	5.26	+ 1.47	1.02	3rd	—	—	—	—
EDENFEL (OMAGH)	51.8	63.6	57.7	+ 0.4	42	5th	70	16th	25	6.65	+ 3.06	0.77	23rd	—	—	—	—
MARKREE CASTLE	50.6	64.6	57.6	+ 0.5	38	8th	71	17th	25	4.06	+ 1.06	0.58	26th	103.6	- 24.2	23	- 5
BROOKBOROUGH	51.3	63.7	57.5	+ 0.5	41	8th, 25th	70	16th, 17th, 21st	27	6.61	+ 3.17	0.98	11th	—	—	—	—
ARMAGH	51.8	63.9	57.9	0.0	44	8th, 25th	69	21st	27	4.96	+ 2.05	0.95	23rd	70.2	- 42.2	17	- 9
EDGEWORTHSTOWN	49.9	62.8	56.4	- 1.2	42	8th	69	17th	22	6.48	+ 3.05	0.97	11th, 26th	—	—	—	—
ARLEY COTTAGE (COUNTY CAVAN).	—	—	—	—	—	—	—	—	—	—	—	—	—	81.1	?	18	?
DUBLIN	54.2	65.8	60.0	+ 0.5	46	25th	72	28th	27	3.55	+ 0.76	0.70	10th	117.3	- 44.3	26	- 10
PARSONSTOWN	°	°	°	°	°	°	°	°	°	°	°	°	°	94.2	- 51.2	21	- 11
KILKENNY CASTLE	51.7	64.3	58.0	- 1.0	41	6th	70	28th	22	3.83	+ 0.48	0.71	22nd	—	—	—	—
VALENCIA (CAHIR-CIVEEN).	°	°	°	°	°	°	°	°	°	°	°	°	°	105.9	- 55.4	24	- 12
KILLARNEY	51.9	64.4	58.2	- 1.1	43	8th	73	17th	24	4.81	?	0.76	3rd	—	—	—	—
FOYNES	53.2	64.1	58.7	+ 0.1	46	7th	74	17th	23	3.55	?	0.78	3rd	—	—	—	—

* For information, see Table XV.

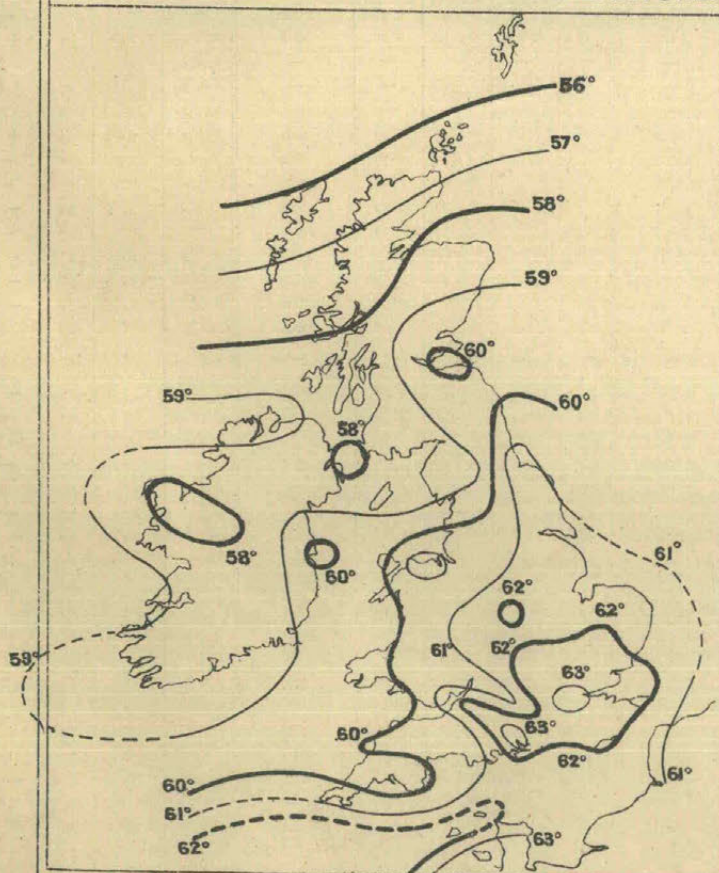
1. BAROMETER AND WIND.



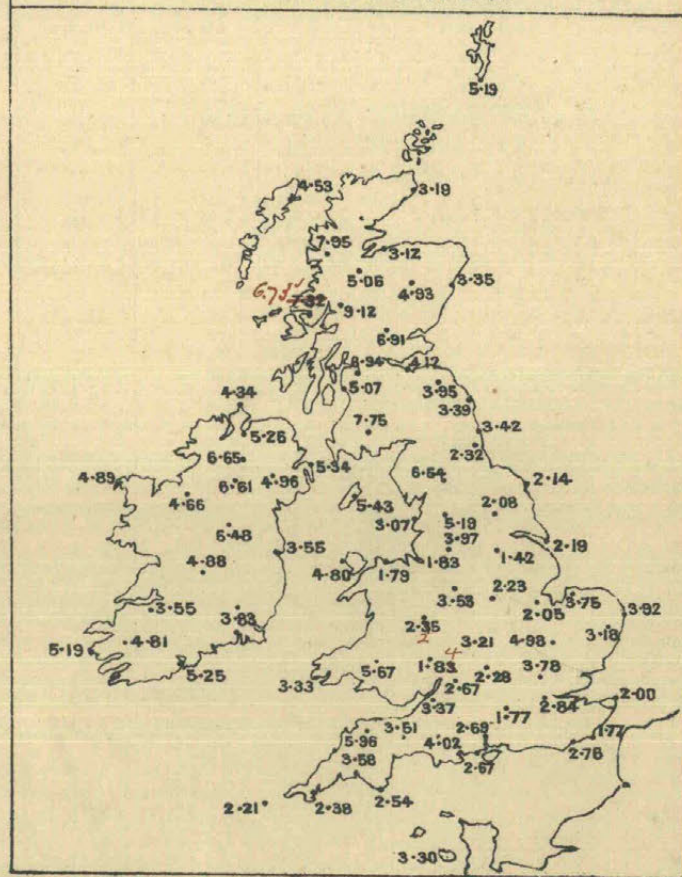
2. MOVEMENTS OF DEPRESSIONS.



3. DISTRIBUTION OF MEAN TEMPERATURE.



4. RAINFALL.



Summary of the Observations made at the Station included
Daily and Weekly Weather Reports for the
Month of May

Station Name: [illegible]
Location: [illegible]

Period: [illegible]

Observer: [illegible]

Summary of Observations:

The weather was generally [illegible] during the month of May.

The temperature ranged from [illegible] to [illegible].

The precipitation was [illegible] inches.

The wind was generally [illegible].

The humidity was [illegible].

The visibility was [illegible].

The cloud cover was [illegible].

The moon was [illegible].

The stars were [illegible].

The planets were [illegible].

The comets were [illegible].

The meteors were [illegible].

The aurora borealis was [illegible].

The aurora australis was [illegible].

The solar wind was [illegible].

The cosmic rays were [illegible].

The ionosphere was [illegible].

The magnetosphere was [illegible].

The heliosphere was [illegible].

The galaxy was [illegible].

The universe was [illegible].

SUMMARY of the OBSERVATIONS made at the STATIONS included in the DAILY and WEEKLY WEATHER REPORTS, for the CALENDAR MONTH,

SEPTEMBER 1895.

(Issued as a Supplement to the Weekly Weather Report, 1895.)

ISSUED BY THE METEOROLOGICAL OFFICE, 63, VICTORIA STREET, LONDON; R. H. SCOTT, F.R.S., SECRETARY.
PUBLISHED BY EYRE AND SPOTTISWOODE, EAST HARDING STREET, FLEET STREET, E.C.; JOHN MENZIES & Co., 12, HANOVER ST., EDINBURGH, and 90, WEST NILE STREET, GLASGOW; AND HODGES, FIGGIS, & Co., LIMITED, 104, GRAFTON STREET, DUBLIN.

General Summary.—The weather of September was mostly fine and dry, excepting in the extreme north, where rain was rather frequent. Thunderstorms were, however, experienced in many districts, those reported over the south and east of England on the night of the 6th being of considerable severity. During the closing week the weather over the United Kingdom was exceptionally warm for the time of year. Pressure and temperature were high; the winds were rather variable; rainfall was very deficient; and bright sunshine was largely in excess of the average.

Pressure.—*Mean at 8 a.m.* ranged from 30·1 ins. and upwards over the Channel and the central and south-eastern parts of England, to a little below 29·9 ins. in the Hebrides. The values were in all cases above the average,* the excess being greatest over England and least in the north-west of Scotland. *Highest* readings were observed on the 20th and 21st, when the barometer rose to 30·3 ins. and upwards over the whole kingdom, and to a little above 30·4 ins. at many of the English and Irish stations. *Lowest* readings were recorded between the 10th and 11th, and varied from 29·0 ins. and less in the north of Scotland to 29·9 ins. and less on our extreme southern coasts. *Range* was, consequently, slight in the south, but rather large in the extreme north.

Depressions.—Very few depressions appeared in our immediate neighbourhood. During the greater part of the month, however, large cyclonic systems were passing eastwards across the north of Scandinavia, and in some few instances their secondaries skirted our extreme northern coasts, and produced gales in Scotland and the north of Ireland.

Anticyclones.—Three such systems were observed. The first extended over our Islands from the Continent on the 3rd and 4th, and with the exception of a slight and very temporary break on the night of the 6th, remained with us until the 9th, when it passed away to the eastward. The second advanced from the Atlantic on the 12th, and continued over Western and Northern Europe until the 16th–17th, when it moved slowly southwards. The third also advanced from the Atlantic on the 19th, and soon spread over nearly the whole Continent, the system remaining in force until the end of the month.

Winds.—Over the northern parts of the kingdom the winds were chiefly from the South-westward, while in the extreme south they were mainly Easterly. In the intermediate districts, however, they were very variable, with a large proportion of calms. Scarcely any gales were experienced on our east and south coasts, but in the west and north there were two or three, and at Malin Head as many as six.

Temperature.—*Mean at sea level* ranged from 66° at Jersey, and 63° and upwards over all the more eastern parts of southern England, to a little above 53° in the Shetlands. The general distribution was fairly normal, but the actual values were considerably above the average,* the excess being upon the whole greatest over the more central parts of the United Kingdom, where it amounted to between 5° and 6°. *Highest* readings were recorded mostly on varying dates between the 24th and 29th; but at several of our northern and north-western stations the thermometer was equally high on the 9th. In Ireland and Scotland the absolute maxima were in most cases above 75°, and in England above 80°, the temperatures recorded during the closing week being in some instances the highest ever observed at so advanced a period in the season. *Lowest* readings were observed on the 6th in the north of Scotland, but between the 20th and 23rd in most other districts. At many of the inland stations the thermometer fell below 40°, the lowest readings of all being 31° at Glenlee and 32° at Loughborough and Stamford. *Range* was large, especially over the inland parts of England, where it amounted in many cases to 50° or more. *Vapour Tension* ranged from between 0·45 in. and 0·47 in. at the English Channel stations to 0·38 in. and less over the central and north eastern parts of Great Britain. *Relative Humidity* varied from 93 per cent. at Wick and Cambridge to 78 per cent. at Liverpool and 76 per cent. at Jersey.

Rainfall was very deficient, especially over England, Ireland, and the south of Scotland, where the amounts were in many places considerably less than one fourth of the average.* The largest aggregates were 6·2 ins. at Glencarron, 5·2 ins. at Fort William, and 5·1 ins. at Laudale; the smallest were 0·2 in. at Marchmont, Hurst Castle, and Scilly, and 0·3 in. at Southampton and Donaghadee, less than half an inch being reported at several other stations. In many parts of our southern counties most of the month's rainfall occurred during the severe thunderstorms of the 6th–7th. The number of rainy days was very small; at many stations in the east and south-east of England there were only two or three.

Bright Sunshine was largely in excess of the average,* excepting in the north of Scotland, the total duration being in nearly all places the highest in September since the records commenced in 1881. The per-centage of the possible amount was above 50 at many of our western and central stations, and above 60 in the east and south of England, the highest values of all being 73 per cent. at Guernsey and Jersey and 71 per cent. at Hastings and Eastbourne. In the north of Scotland, however, the per-centage ranged between 20 and 28.

* The averages employed are—*Pressure* and *Temperature* for the 20 years, 1871–90; *Rainfall* for the 25 years, 1866–90; *Bright Sunshine* for the 10 years 1881–90.

TABLE XVII.—Giving a SUMMARY of the METEOROLOGICAL OBSERVATIONS made at TELEGRAPHIC
Observations are made at 8 a.m. daily, but the Numbers of Days of Rain, Snow, Hail,
(The Stations are grouped in Districts, and then arranged in order of

NAMES OF DISTRICTS.	NAMES OF STATIONS.	Mean Height of Barometer (at 32° Fahrenheit and Mean Sea Level) from Observations made at 8 a.m.	Difference from Average.	AIR TEMPERATURE.								
				Means of					Absolute Extremes.			
				At 8 a.m.	Minima.	Maxima.	Min. and Max. combined.	Difference from Average.	Minimum.	Date.	Maximum.	Date.
0. SCOTLAND N.	Sumburgh Head	ins. 29° 9' 11	ins. +0° 11' 4	53° 2	48° 3	57° 4	52° 9	+2° 3	42	14th	64	25th
	Wick	29° 9' 61	+° 132	55° 6	49° 4	62° 7	56° 1	+4° 5	40	6th	70	1st
	Stornoway	29° 8' 77	+° 062	55° 4	49° 4	60° 6	55° 0	+3° 9	41	6th	69	30th
1. SCOTLAND, E.	Nairn	29° 9' 52	+° 109	56° 2	48° 1	65° 5	56° 8	+3° 9	36	6th, 21st	77	25th
	Aberdeen	30° 0' 13	+° 155	56° 9	49° 2	64° 4	56° 8	+3° 8	40	23rd, 24th	74	25th
	Leith	30° 0' 40	+° 159	56° 3	49° 6	66° 7	58° 2	+3° 5	37	21st	74	26th
2. ENGLAND, N.E.	Shields	30° 0' 85	+° 182	55° 6	50° 1	66° 8	58° 5	+4° 2	43	21st, 22nd	79	26th
	York	30° 1' 32	+° 193	54° 4	48° 2	71° 7	60° 0	+4° 7	37	22nd	83	29th
	Spurn Head	30° 1' 34	+° 205	59° 3	54° 4	65° 4	59° 9	+3° 3	50	1st, 13th, 14th, 23rd.	75	10th
3. ENGLAND, E.	Yarmouth	30° 1' 45	+° 197	60° 2	54° 6	66° 7	60° 7	+3° 9	42	23rd	74	7th
	Cambridge	30° 1' 72	+° 207	54° 7	48° 0	74° 2	61° 1	+4° 2	34	22nd	84	24th
4. MIDLAND COUNTIES	Loughborough	30° 1' 65	+° 206	52° 9	47° 1	74° 5	60° 8	+4° 4	32	22nd	86	24th
	Oxford	30° 1' 69	+° 198	55° 9	49° 5	72° 5	61° 0	+4° 5	36	22nd	83	27th
5. ENGLAND, S.	London	30° 1' 74	+° 166	58° 3	51° 8	74° 9	63° 4	+5° 4	40	20th	86	24th
	North Foreland	30° 1' 68	+° 198	62° 2	56° 7	68° 3	62° 5	+4° 8	50	19th, 23rd	81	25th
	Dungeness	30° 1' 47	+° 177	61° 6	54° 1	68° 1	61° 1	+2° 9	43	16th, 23rd	74	24th
	Hurst Castle	30° 1' 58	+° 167	60° 9	54° 6	70° 5	62° 6	+4° 4	47	17th, 20th, 21st, 22nd.	77	24th, 26th, 28th
6. SCOTLAND, W.	Ardrossan	30° 0' 41	+° 156	57° 6	53° 2	63° 6	58° 4	+3° 9	42	20th	75	27th
7. ENGLAND, N.W.	Hawes Junction*	28° 8' 87	?	52° 9	47° 1	64° 0	55° 6	?	36	21st	81	28th
	Liverpool	30° 1' 26	+° 191	58° 4	53° 9	67° 9	60° 9	+4° 9	45	22nd	79	9th, 28th
	Holyhead	30° 1' 12	+° 183	58° 3	53° 5	64° 8	59° 2	+2° 5	47	22nd	74	9th, 26th
8. ENGLAND, S.W.	Pembroke	30° 1' 26	+° 178	58° 3	55° 6	64° 1	59° 9	+3° 3	50	14th, 16th, 22nd	74	28th
	Prawle Point	30° 1' 45	+° 147	62° 1	55° 7	67° 1	61° 4	+4° 1	49	14th	75	24th
9. IRELAND, N.	Malin Head	29° 9' 99	+° 119	57° 0	54° 5	63° 2	58° 9	+5° 3	48	6th	72	30th
	Donaghadee	30° 0' 80	+° 175	56° 4	51° 0	64° 2	57° 6	+3° 2	39	23rd	70	26th
	Belmullet	30° 0' 29	+° 139	58° 9	54° 6	64° 0	59° 3	+2° 6	46	20th	76	30th
10. IRELAND, S.	Parsonstown	30° 0' 93	+° 156	54° 1	49° 0	67° 3	58° 2	+3° 7	40	23rd	77	27th, 29th
	Valencia (Cahiriveen)	30° 0' 84	+° 137	57° 5	51° 1	65° 8	58° 5	+1° 8	42	6th	78	28th
	Roche's Point	30° 1' 24	+° 178	58° 3	53° 1	64° 4	58° 8	+2° 4	46	13th	73	28th
CHANNEL ISLANDS	Scilly (St. Mary's)	30° 1' 08	+° 137	62° 0	58° 1	66° 7	62° 4	+4° 1	55	13th, 14th, 15th	72	2nd
	Jersey	30° 1' 54	+° 166	65° 1	57° 7	74° 5	66° 1	+6° 0	46	14th	86	9th

* Hawes Junction is 1,135 feet above Mean Sea Level, and the

SUMMARY OF OBSERVATIONS, SEPTEMBER 1895.

XXXV

REPORTING STATIONS in the BRITISH ISLANDS, during the Month of SEPTEMBER 1895.

Thunderstorms, and Gales are counted irrespective of the hours at which they occurred.

Latitude, beginning in each case with the Station lying furthest North.)

TENSION OF VAPOUR.	RELATIVE HUMIDITY.	AMOUNT OF CLOUD.	RAINFALL.				WEATHER.							WIND.								
			Total Fall in the Month.	Difference from Average.	Maximum Fall in One Day.	Date.	No. of Days of							No. of Observations of								
							Rain.	Snow.	Hail.	Thunderstorms.	Clear Sky.	Overcast.	Gales.	North.	N.E.	East.	S.E.	South.	S.W.	West.	N.W.	Calms.
ins.	%		ins.	ins.	ins.																	
0.366	91	7.9	3.55	+0.23	0.64	18th	21	0	0	1	0	19	0	3	0	0	2	4	5	7	4	5
410	93	7.6	2.03	-0.50	0.40	16th	19	0	0	1	3	19	2	1	0	0	1	15	3	4	6	0
404	92	8.0	3.15	-0.95	0.55	17th	20	0	0	0	0	17	2	4	0	0	0	9	7	4	1	5
385	85	7.1	1.32	-1.26	0.60	17th	11	0	0	0	2	13	0	0	0	0	0	1	7	9	1	12
373	81	5.7	1.39	-1.58	0.37	16th	13	0	0	1	1	6	3	0	1	0	2	5	11	8	3	0
374	82	6.7	0.60	-1.74	0.33	16th	6	0	0	1	3	13	1	0	0	0	1	0	10	11	0	8
377	85	6.4	0.56	-1.94	0.14	3rd, 6th	8	0	0	0	5	12	0	0	0	0	0	5	18	5	0	2
380	90	4.5	0.88	-1.82	0.42	6th	7	0	0	1	13	7	0	0	0	2	4	10	5	4	2	3
435	87	3.5	0.43	-1.59	0.11	3rd, 6th	6	0	0	1	9	4	0	1	0	2	4	4	7	3	5	4
417	80	2.1	0.53	-2.38	0.31	6th	4	0	0	1	23	0	1	0	1	5	5	0	3	8	8	0
399	93	5.1	0.60	-1.66	0.52	6th	6	0	0	2	11	12	0	3	1	6	3	2	11	1	2	1
362	91	7.0	0.53	-2.23	0.21	10th	8	0	0	1	3	12	2	0	0	1	5	1	6	5	2	10
398	89	5.5	0.57	-2.09	0.39	6th	6	0	0	2	12	11	0	5	6	0	1	3	8	1	2	4
414	84	4.7	0.95	-1.40	0.85	6th	3	0	1	2	14	8	0	0	2	6	3	1	3	0	2	7
447	80	3.8	0.72	?	0.36	6th	4	0	0	1	13	7	0	1	2	6	4	5	0	6	6	0
468	85	5.6	0.83	-1.81	0.52	6th	2	0	0	1	3	6	1	3	6	5	2	0	5	4	3	2
450	85	3.9	0.15	-2.86	0.11	10th	4	0	0	2	6	4	0	2	14	3	1	0	4	4	2	0
426	89	6.9	0.36	-3.31	0.10	16th	9	0	0	0	2	13	2	2	8	2	0	4	8	3	1	2
375	94	5.5	2.02	?	0.63	10th	12	0	0	0	5	11	0	7	2	5	2	2	6	1	4	1
380	78	4.9	1.08	-2.22	0.33	6th	9	0	0	1	13	7	1	1	0	1	14	5	4	3	2	0
423	86	5.6	1.65	-1.58	0.81	4th	9	0	0	2	4	8	4	1	3	3	1	3	8	3	1	7
432	88	5.3	0.50	-3.08	0.18	4th	4	0	0	1	11	12	2	0	2	7	7	1	4	7	1	1
452	81	4.6	0.54	-1.92	0.38	30th	4	0	0	3	3	3	0	2	10	8	1	1	3	5	0	0
394	85	7.8	1.01	?	0.27	10th	14	0	0	1	3	20	6	0	0	1	1	16	0	3	1	2
419	92	7.0	0.31	-2.73	0.12	2nd	11	0	0	1	0	10	2	1	0	1	2	3	13	7	3	0
429	87	7.2	1.75	?	0.60	10th	12	0	0	0	4	17	3	2	1	0	4	10	7	5	1	0
365	86	6.3	0.44	-2.72	0.17	4th	5	0	0	1	4	9	0	0	0	0	5	2	3	2	1	17
414	87	7.1	1.35	-3.18	0.59	2nd	11	0	0	0	4	16	1	1	1	1	5	7	1	1	1	12
440	90	6.2	1.41	-2.67	0.55	4th	9	0	0	1	0	9	0	7	2	4	5	4	3	3	2	0
475	86	5.4	0.17	-3.24	0.14	10th	4	0	0	1	2	6	0	2	2	12	4	3	3	2	2	0
471	76	4.3	0.69	-2.36	0.36	10th	4	0	0	1	13	7	0	1	9	8	2	0	3	1	3	3

Barometer at this station is not reduced for altitude.

TABLE XVIII.

OBSERVATIONS of TEMPERATURE, RAINFALL, and BRIGHT SUNSHINE, obtained from the VALUES supplied for use in the WEEKLY WEATHER REPORT for the Month of SEPTEMBER 1895.

NAMES OF STATIONS.	AIR TEMPERATURE.								RAINFALL.					BRIGHT SUNSHINE.			
	Means of				Absolute Extremes.				No. of Days.	Total Fall in the Month.	Difference from Average.	Maximum Fall in One Day.	Date.	No. of Hours recorded.	Difference from Average.	Per-centage of possible Dura- tion.	Difference from Average.
	Minima.	Maxima.	Min. and Max. combined.	Difference from Average.	Minimum.	Date.	Maximum.	Date.									
	°	°	°	°	°	°	°	°		ins.	ins.	ins.	°			%	%
STORNOWAY														75.2	-31.3	20	-8
GLENCARRON	48.5	62.1	55.3	+4.4	30	6th, 21st	77	9th	18	6.20	-0.61	1.07	17th				
FORT AUGUSTUS	50.4	64.4	57.4	+4.8	38	6th	77	9th	15	3.53	-0.25	0.82	10th	104.4	?	28	?
FORT WILLIAM	51.8	62.1	57.0	+3.9	41	6th	74	9th	18	5.22	-1.48	1.06	16th	102.5	?	27	?
ABERDEEN														157.0	+41.3	42	+
BRAEMAR	46.9	63.2	55.1	+5.5	34	6th	73	27th, 29th	12	1.89	-1.56	0.61	16th	153.8	?	41	?
EDINBURGH														157.8	?	42	?
OCHTERTYRE	48.6	66.0	57.3	+4.3	38	20th	75	9th	10	1.75	-1.86	0.46	9th				
MARCHMONT	48.2	67.4	57.8	+5.3	40	12th	79	27th	4	0.24	-3.09	0.12	16th	178.3	?	47	?
ALNWICK CASTLE	49.7	63.8	56.8	+3.7	40	14th, 23rd	72	26th	9	0.45	-2.47	0.21	4th				
DURHAM	48.9	68.9	58.9	+4.9	36	22nd	78	26th, 28th, 29th.	9	0.59	-1.84	0.17	3rd	203.9	+97.7	54	+26
SCARBOROUGH	52.2	69.3	60.8	+5.9	40	30th	80	26th	7	1.47	-1.31	0.68	6th				
OSWALDKIRK														188.3	?	50	?
YORK														200.7	+95.4	54	+26
HILLINGTON	48.2	72.7	60.5	+4.5	35	23rd	85	2nd	2	0.76	-2.00	0.70	6th	224.5	+102.0	60	+27
GELDESTON	47.8	71.4	59.6	+2.8	35	21st	80	26th	3	0.44	-2.18	0.30	6th	243.3	+95.7	65	+26
CAMBRIDGE														232.2	+97.1	62	+26
ROTHAMSTED	48.2	71.1	59.7	+4.1	35	22nd	81	27th	4	0.96	-1.80	0.82	6th	229.4	?	61	?
BAWTRY	47.3	73.0	60.2	+4.8	33	22nd, 23rd	84	2nd	5	0.78	-1.69	0.45	6th				
WORKSOP														192.0	+81.8	51	+22
STAMFORD (KETTON HALL).	46.0	74.3	60.2	+4.1	32	22nd, 23rd	85	24th	6	0.72	-2.29	0.51	6th				
THURCASTON														210.4	+102.7	56	+27
CHEADLE	51.4	68.4	59.9	+6.0	43	21st	79	24th	7	0.74	-2.57	0.28	10th				
SOLIHULL	48.5	71.9	60.2	+4.7	35	22nd	83	24th	8	0.88	?	0.53	10th				
CHURCHSTOKE	48.0	69.8	58.9	+4.9	34	22nd	80	9th, 24th	11	0.96	-1.82	0.17	10th, 24th	191.8	+66.9	51	+18
HEREFORD	47.5	72.5	60.0	+4.2	34	22nd	83	24th	8	1.09	-1.70	0.48	24th				
CIRENCESTER	49.6	70.4	60.0	+5.0	38	1st	81	25th	3	0.78	-2.41	0.50	6th	215.9	+95.6	58	+26
OXFORD														219.2	+85.3	59	+23
LONDON														200.5	+88.2	54	+24
MARGATE														228.4	?	61	?
STRATHFIELD TURGISSE	†	†	†	†	†	†	†	†	?	2.15	-0.40	1.78	6th				
HASTING	55.6	70.5	63.1	+4.4	48	1st	82	27th	2	0.99	-1.75	0.72	6th	203.7	+105.0	71	+29
EASTBOURNE														204.7	?	71	?
BRIGHTON														254.2	?	68	?
WESTBOURNE (SUSSEX)														246.5	?	66	?
SOUTHAMPTON	52.7	74.5	63.6	+5.7	43	22nd	83	7th, 26th	6	0.29	-2.75	0.10	24th	243.1	+93.3	65	+25
STOWELL	50.7	70.7	60.7	+5.2	41	1st	81	28th	10	0.67	?	0.33	6th				
LAUDALE	52.7	64.8	58.8	+5.4	41	6th, 20th	74	9th, 27th	18	5.07	-1.71	1.16	10th				
GLASGOW	50.7	53.7	57.2	+4.2	39	23rd	75	9th	10	1.25	-2.70	0.56	16th	132.0	+30.4	35	+10
GLENLEE	47.1	65.3	56.2	+3.5	31	21st	74	9th, 27th, 28th, 29th.	9	1.21	-3.94	0.52	9th				
DOUGLAS	49.1	64.2	56.7	+2.6	39	21st, 22nd	75	28th	10	0.61	-3.12	0.20	3rd	185.6	+49.8	50	+14
STONYHUEST	50.8	65.8	58.3	+3.7	42	20th, 23rd	76	9th	13	2.04	-2.96	0.63	6th	170.0	+50.1	45	+13
BLACKPOOL	52.6	69.0	60.8	+5.8	40	20th	82	28th	8	0.74	-3.01	0.36	4th	168.8	+50.2	45	+13
MANCHESTER (PRESTWICH).	50.3	69.0	59.7	+4.8	39	22nd	80	28th	10	2.50	-1.46	1.49	5th	159.5	?	43	?
MANCHESTER (OLDHAM ROAD).														132.8	?	36	?
LLANDUDNO	55.0	68.7	61.9	+5.2	47	20th	84	9th	7	1.24	-1.84	0.84	4th	211.9	+103.2	57	+28
LLANDOVERY	49.2	72.8	61.0	+5.3	35	20th	87	9th	10	1.17	-3.61	0.37	5th				
PEMBROKE														186.0	+43.5	50	+13
BRISTOL (MONTPELIER)	52.0	73.4	62.7	+6.4	40	22nd	84	24th	8	1.15	-2.34	0.55	6th				
TREBY														197.7	?	53	?
ARLINGTON	51.5	69.3	60.4	+4.9	42	1st, 21st	81	27th, 28th	12	1.62	-3.16	0.62	10th				
CULLOMPTON	49.2	72.4	60.9	+4.9	39	1st	82	28th	6	1.32	-2.13	0.75	30th	211.0	+77.1	56	+20
TORQUAY														215.7	?	57	?
NEWQUAY														231.2	?	62	?
FALMOUTH	55.5	65.9	60.7	+3.4	48	14th	70	2nd, 27th, 29th	7	0.37	-4.33	0.18	6th	218.5	+72.8	59	+20
PLYMOUTH	53.6	68.0	61.1	+3.4	44	17th	79	27th	7	0.44	-3.33	0.29	30th	227.6	+80.1	61	+21
SCILLY														204.9	?	55	?
GUERNSEY														272.8	?	73	?
JERSEY														272.4	+97.0	73	+26
LONDONDERRY	51.3	68.0	59.7	+5.5	43	20th	79	27th	12	1.68	-2.10	0.41	9th				
EDENFEL (OMAGH)	49.8	64.8	57.3	+3.8	36	23rd	75	29th	7	0.70	-2.84	0.24	10th				
MARKREE CASTLE	49.0	66.8	57.9	+4.5	35	23rd	74	27th, 28th, 29th.	13	1.10	-2.09	0.34	10th	143.7	+50.1	38	+13
BROOKEBOROUGH	50.5	66.4	58.5	+5.8	38	23rd	77	27th, 29th	7	0.83	-2.95	0.38	10th				
ARMAGH	49.6	66.3	58.0	+4.3	38	23rd	76	27th	8	0.73	-2.32	0.38	10th	146.0	+42.7	39	+11
EDGEWORTHSTOWN	50.1	65.1	57.6	+4.0	38	23rd	76	27th	6	0.38	-2.83	0.12	10th				
ARLEY COTTAGE (COUNTY CAVAN).														134.0	?	36	?
DUBLIN	52.2	65.9	59.1	+3.6	43	22nd	72	2nd, 9th	7	0.54	-1.80	0.18	2nd, 4th	185.0	+56.6	49	+15
PARSONSTOWN														181.7	+64.5	49	+18
KILKENNY CASTLE	49.6	60.5	58.1	+2.6	42	8th, 15th, 20th, 21st.	77	28th	9	1.31	-1.69	0.40	2nd, 4th				
VALENCIA (CAHIR-GLIVEN).														172.8	+50.6	46	+13
KILLARNEY	50.8	66.8	58.8	+2.9	37	20th	76	28th, 29th	11	1.04	?	0.29	4th, 10th				
FOYNES	50.7	65.0	58.3	+3.1	43	12th	72	9th, 24th, 27th.	7	0.80	?	0.44	18th				

* For information see Table XVII.

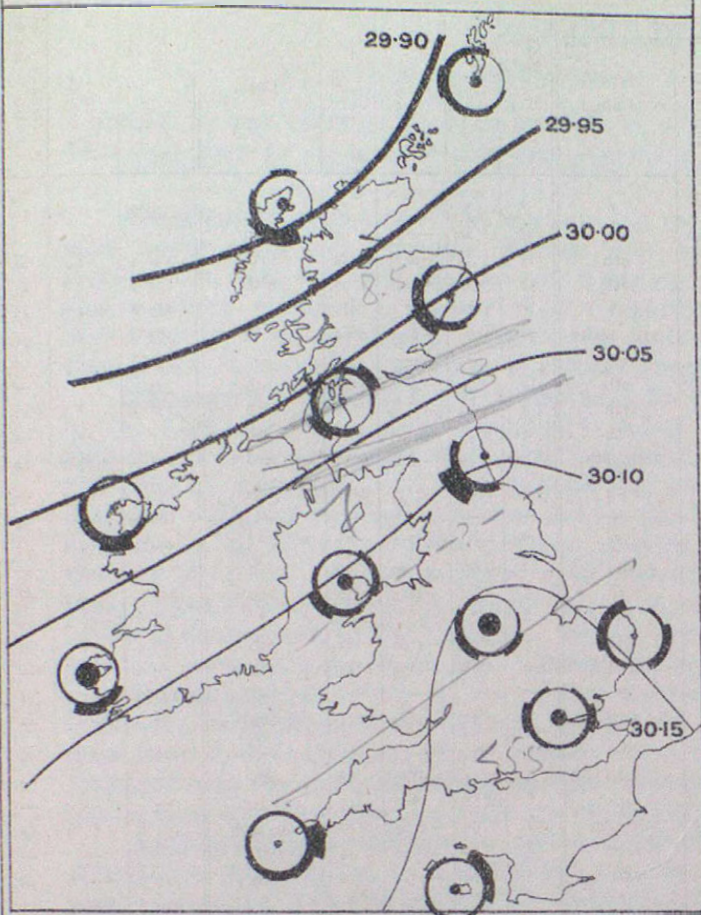
† Observations incomplete.

MONTHLY WEATHER CHART, SEPTEMBER, 1895.

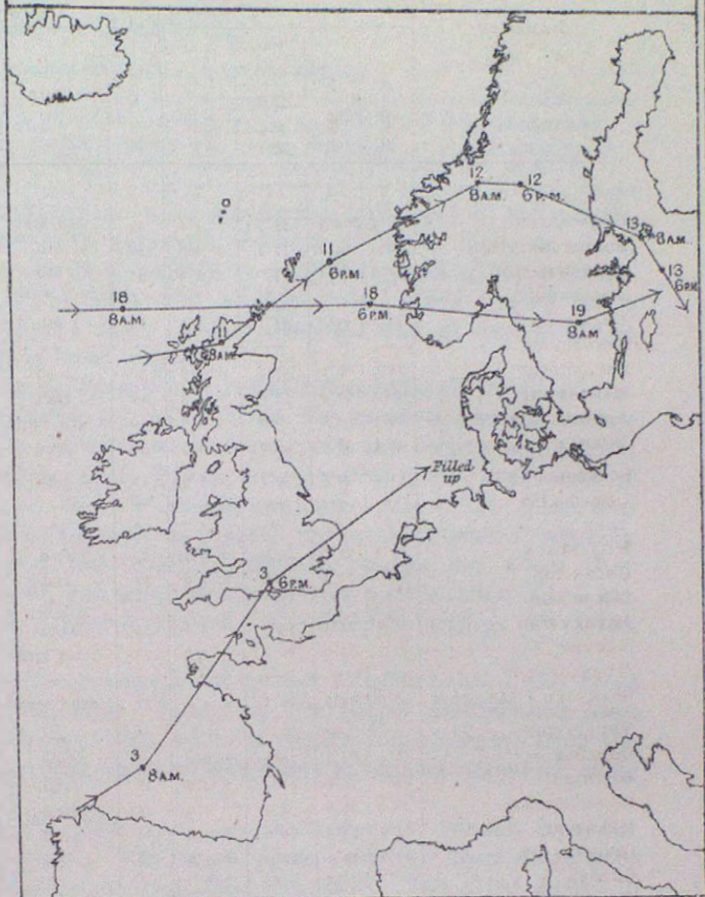
Monthly Summary.

Plate IX.

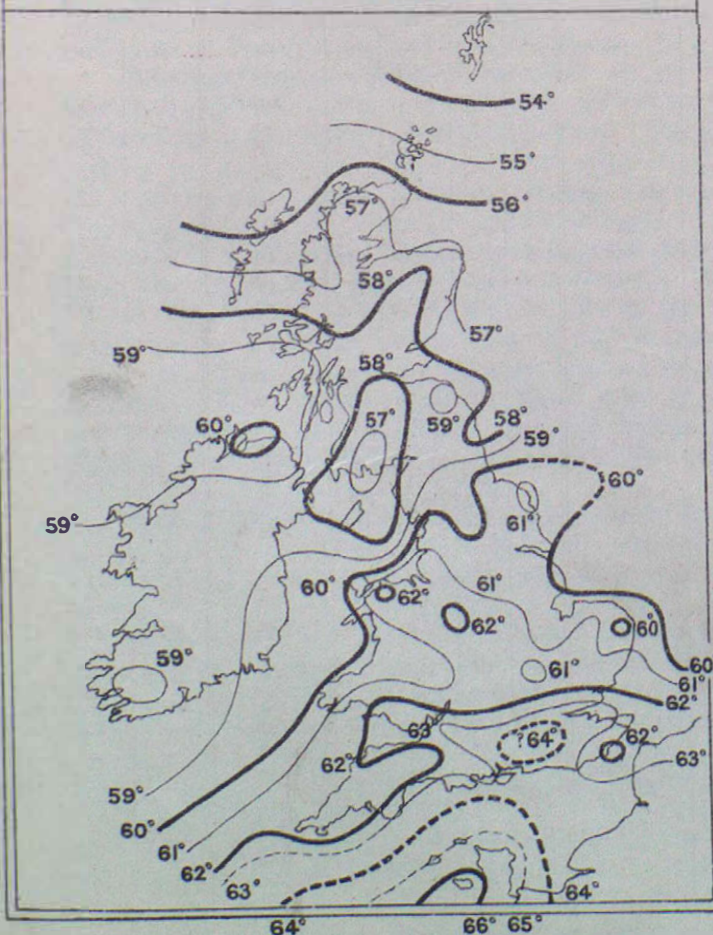
1. BAROMETER AND WIND.



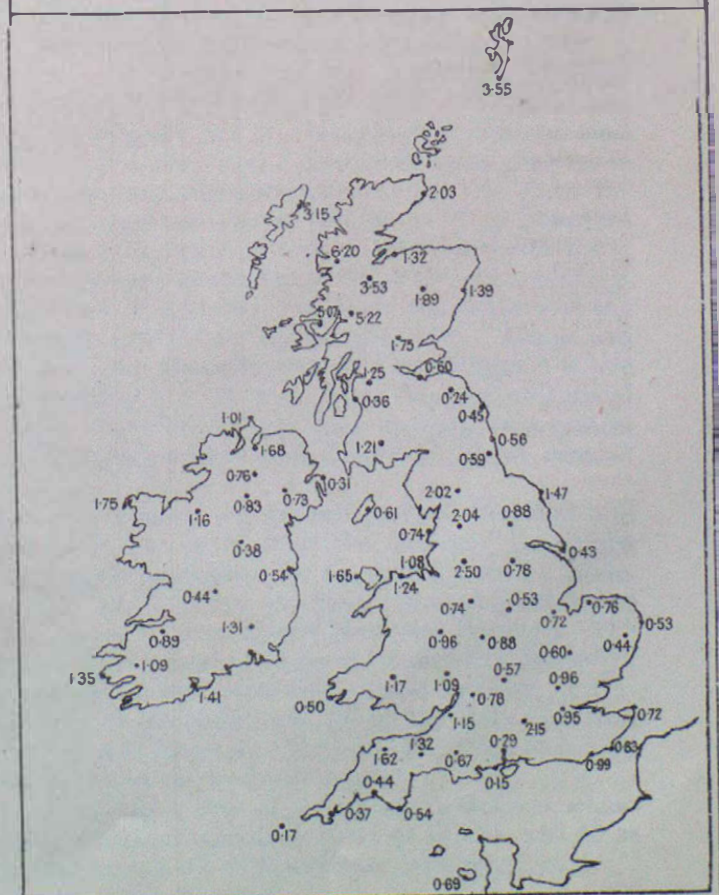
2. MOVEMENTS OF DEPRESSIONS.



3. DISTRIBUTION OF MEAN TEMPERATURE.



4. RAINFALL.



OFFICIAL COPY.

SUMMARY of the OBSERVATIONS made at the STATIONS included in the DAILY and WEEKLY WEATHER REPORTS, for the CALENDAR MONTH,

OCTOBER 1895.

(Issued as a Supplement to the Weekly Weather Report, 1895.)

ISSUED BY THE METEOROLOGICAL OFFICE, 63, VICTORIA STREET, LONDON; R. H. SCOTT, F.R.S., SECRETARY.
PUBLISHED BY EYRE AND SPOTTISWOODE, EAST HARDING STREET, FLEET STREET, E.C.; JOHN MENZIES & Co., 12, HANOVER ST., EDINBURGH, and 90, WEST NILE STREET, GLASGOW; AND HODGES, FIGGIS, & Co., LIMITED, 104, GRAFTON STREET, DUBLIN.

General Summary.—The weather was very changeable,—mild during the early part of the month, with heavy rains, then very cold for the time of year, with frequent showers of snow, hail, or sleet. Between the 24th and 28th thunder and lightning were observed nightly in nearly all parts of our western and southern districts. Pressure and temperature were below the average; the winds varied as a rule between West and North; rainfall was deficient at the more central stations, but in excess of the normal elsewhere; bright sunshine was fairly abundant in most places.

Pressure.—*Mean at 8 a.m.* ranged from 29·90 ins. in the south of Ireland, to a little above 29·65 ins. in the Shetlands, the general distribution being favourable for winds from the north-westward rather than from west or south-west, as is usual in October. On our extreme western coasts the values were a trifle above the average,* but in all other districts they were below it, the deficit being greatest in the south-east of England. *Highest* readings were recorded on the 17th or 18th, when the barometer rose to 30·5 ins. and upwards on all but our extreme northern, western, and south-western coasts; in the south-west it scarcely reached 30·4 ins. *Lowest* readings were observed over the country generally on the 3rd, when they ranged from between 28·9 ins. and 29·0 ins., on our north and north-east coasts, to a little below 29·3 ins. in the southern parts of the kingdom. In the south of England, however, the lowest readings (29·1 ins. and less) were recorded on the 8th. *Range* was moderate.

Depressions.—Early in the month several depressions appeared in our neighbourhood, the most important being those of the 2nd and 3rd and of the 8th–10th. Later on the larger disturbances kept well away to the northward of our islands, but in the closing week, when a depression advanced from the eastward over the south of Norway, several secondary systems passed southwards across the kingdom, their movements being too irregular to be shown on Map 2, Pl. X.

Anticyclones.—Three such systems were observed. The first extended over our islands from the Atlantic on the 11th, but soon moved away to the southward. The second spread over us from the north-westward on the 16th and continued in force until the 20th, when it quickly dispersed. The third spread in from the westward on the 29th, and after a temporary withdrawal on the 30th, was again making up at the close of the month.

Winds were chiefly Northerly in Ireland and Scotland, but North-westerly and Westerly over England. Gales were rather frequent in the west and north, the number of days being as large as 12 at Scilly, 11 at Donaghadee, and 8 at Aberdeen. As a rule, however, the gales were of very little severity.

Temperature.—*Mean at sea level* ranged from 52° and upwards, in the Scilly and Channel Islands, to 45° and less over all the more central parts of Ireland, 43° and less in the north of Scotland, and 42° and less in the extreme south of Scotland. The general distribution was of a more wintry character than is usual in October, and the mean values were everywhere below the average,* the deficit being greatest in the northern and central districts. *Highest* readings were observed very generally on the 1st, when the thermometer rose to between 70° and 75° at many of the inland stations in Great Britain, to 76° at Stamford and to 77° at Hillington. *Lowest* readings were recorded either on the 23rd or 24th, or between the 28th and 30th, when sharp frost prevailed in most districts. In the screen the thermometer fell to 18° at Llandovery, 19° at Churchstoke and Blackpool, and 20° at Stonyhurst and Manchester; while on the surface of the grass it went as low as 13° at Worksop, 16° at Loughborough, and 18° at Gilcrux (Carlisle). *Range* was large, especially at the inland stations, where it amounted in many places to over 50°; at Hillington it was as much as 55°. *Vapour Tension* ranged from 0·33 in. at Scilly to 0·24 in. and less over central Ireland and the greater part of Scotland. *Relative Humidity* varied from 90 per cent. and upwards over central England and the north of Scotland to 83 per cent. at Sumburgh Head and Aberdeen, 79 per cent. at Valencia, and 77 per cent. at Jersey.

Rainfall was rather deficient over central England, the western and central parts of Scotland, and the central and southern parts of Ireland. Elsewhere the fall was more than the average,* the excess being greatest at our extreme north-eastern stations. The largest aggregates for the month were 11·2 ins. at Glencarron, 8·9 ins. at Arlington, 7·4 ins. at Belmullet, and 7·3 ins. at Jersey; the smallest being 1·7 ins. at Stamford, 2·1 ins. at Ochertyre and Cambridge, and 2·2 ins. at Spurn Head and Hereford. The heaviest falls in a short period were—(1) on the 1st and 2nd in the western and northern districts generally; (2) on the 5th in the south of England; (3) on the 8th and 9th at our north-eastern and extreme south-western stations; (4) on the 11th in the west and north-west of Scotland; and (5) on the 14th and 15th in the south of Scotland and the northern parts of Ireland and England. Between the 22nd and 29th snow or sleet fell in nearly all parts of the kingdom—frequently in the west and north.

Bright Sunshine was in excess of the average,* at all but a few of our southern stations, where there was a slight deficit. The per-centage of the possible duration ranged from 42 at Dublin, and 40 at Aberdeen and Jersey, to 20 in London and at Prestwich, and to only 13 at Manchester (Oldham Road).

* The averages employed are—*Pressure* and *Temperature* for the 20 years 1871–90; *Rainfall* for the 25 years 1866–90; *Bright Sunshine* for the 10 years 1881–90.

TABLE XIX.—Giving a SUMMARY of the METEOROLOGICAL OBSERVATIONS made at TELEGRAPHIC
Observations are made at 8 a.m. daily, but the Numbers of Days of Rain, Snow, Hail,
(The Stations are grouped in Districts, and then arranged in order of Latitude,

NAMES OF DISTRICTS.	NAMES OF STATIONS.	Mean Height of Barometer (at 32° Fahrenheit and Mean Sea Level) from Observations made at 8 a.m.	Difference from Average.	AIR TEMPERATURE.									
				Means of					Absolute Extremes.				
				At 8 a.m.	Minima.	Maxima.	Min. and Max. combined.	Difference from Average.	Minimum.	Date.	Maximum.	Date.	
0. SCOTLAND, N.	Sumburgh Head	ins. 29'659	ins. -0'067	42'4	38'3	47'6	43'0	-2'7	31	21st, 22nd	50	2nd	
	Wick	29'717	-0'046	42'6	35'9	48'8	42'4	-3'7	25	28th	62	5th	
	Stornoway	29'781	+0'025	41'8	37'1	48'4	42'8	-3'0	31	4th, 8th	67	1st	
1. SCOTLAND, E.	Nairn	29'748	-0'031	41'9	36'0	49'4	42'7	-3'7	30	28th	69	1st	
	Aberdeen	29'748	-0'045	42'4	38'1	49'2	43'7	-3'3	30	28th	62	13th	
	Leith	29'774	-0'048	43'0	38'5	51'7	45'1	-3'2	29	18th	63	1st, 12th	
2. ENGLAND, N.E.	Shields	29'771	-0'075	43'3	38'5	50'5	44'5	-3'5	27	29th	63	1st	
	York	29'796	-0'086	41'5	37'1	52'5	44'8	-3'2	24	28th, 29th	70	1st	
	Spurn Head	29'781	-0'086	46'7	43'1	51'5	47'3	-2'2	33	26th, 27th	66	1st	
3. ENGLAND, E.	Yarmouth	29'790	-0'104	46'8	41'8	52'3	47'1	-2'4	27	28th	66	1st, and	
	Cambridge	29'838	-0'074	42'7	37'5	53'7	45'6	-3'2	23	28th	75	1st	
4. MIDLAND COUNTIES	Loughborough	29'837	-0'067	41'6	37'7	53'4	45'6	-2'8	22	26th	75	1st	
	Oxford	29'851	-0'073	42'5	38'4	52'6	45'5	-3'4	25	26th	71	1st	
5. ENGLAND, S.	London	29'852	-0'071	44'2	39'2	53'9	46'6	-3'1	25	24th	75	1st	
	North Foreland	29'833	-0'077	48'2	43'1	54'3	48'7	-2'0	32	29th	73	1st	
	Dungeness	29'825	-0'091	47'1	41'9	55'6	48'8	-2'4	28	26th	69	1st	
	Hurst Castle	29'857	-0'065	48'2	43'1	55'3	49'2	-2'3	29	28th	68	1st	
6. SCOTLAND, W.	Ardrossan	29'791	-0'040	45'1	40'5	50'6	45'6	-3'1	28	28th	67	1st	
7. ENGLAND N.W.	Hawes Junction*	28'538	?	37'7	32'5	45'4	39'0	?	21	25th, 26th, 28th	71	1st	
	Liverpool	29'823	-0'056	44'5	41'2	50'3	45'8	-3'5	27	29th	64	1st	
	Holyhead	29'828	-0'044	48'1	44'0	52'2	48'1	-2'9	36	26th	66	1st	
8. ENGLAND, S.W.	Pembroke	29'847	-0'041	48'7	45'1	52'6	48'9	-2'6	33	26th	64	1st	
	Prawle Point	29'863	-0'068	48'6	43'9	54'7	49'3	-2'2	31	24th, 30th	67	5th	
9. IRELAND, N.	Malin Head	29'802	-0'023	46'5	43'3	49'8	46'6	-1'0	35	26th, 28th, 29th	65	1st	
	Donaghadee	29'823	-0'027	45'1	39'8	51'9	45'9	-2'7	31	26th	65	1st	
	Behmullet	29'878	+0'038	47'3	43'1	51'8	47'5	-3'4	36	26th, 28th	61	19th	
10. IRELAND, S.	Parsonstown	29'879	-0'018	41'2	36'6	51'6	44'1	-3'8	23	23rd, 24th	64	1st	
	Valencia (Cahiriveen)	29'901	+0'005	49'5	43'6	54'1	48'9	-2'8	30	28th	62	1st, 15th	
	Roche's Point	29'897	+0'005	48'2	44'3	53'9	49'1	-2'0	33	26th	63	1st	
CHANNEL ISLANDS	Scilly	29'859	-0'051	53'0	48'5	56'2	52'4	-1'0	38	27th	69	1st	
	Jersey	29'886	-0'039	52'4	47'4	57'7	52'6	-0'8	34	27th	68	1st	

* Hawes Junction is 1,135 feet above Mean Sea Level, and the

REPORTING STATIONS in the BRITISH ISLANDS during the Month of OCTOBER 1895.

Thunderstorms, and Gales are counted irrespective of the Hours at which they occurred.

beginning in each case with the Station lying furthest North.)

TENSION OF VAPOUR.	RELATIVE HUMIDITY.	AMOUNT OF CLOUD.	RAINFALL.				WEATHER.							WIND.								
			Total Fall in the Month.	Difference from Average.	Maximum Fall in One Day.	Date.	No. of Days of							No. of Observations of								
							Rain.	Snow.	Hail.	Thunderstorms.	Clear Sky.	Overcast.	Gales.	North.	N.E.	East.	S.E.	South.	S.W.	West.	N.W.	Calms.
in.	%		ins.	ins.	ins.																	
0.227	83	7.3	5.55	+1.28	1.22	2nd	28	3	0	0	0	15	1	15	1	0	1	3	0	7	2	2
.251	92	7.2	3.81	+0.79	0.60	2nd	24	3	2	0	3	16	3	13	1	1	0	2	1	2	11	0
.241	92	7.7	6.16	+1.13	0.90	11th	26	5	3	1	0	17	1	10	3	2	1	0	6	5	3	1
.226	86	6.7	4.10	+1.72	1.04	1st	23	5	4	0	0	9	0	4	2	0	2	0	2	10	6	5
.223	83	6.1	6.32	+3.45	1.55	1st	27	8	4	0	0	7	8	3	1	0	1	1	6	4	15	0
.234	84	6.5	2.50	+0.53	0.43	1st	15	1	0	0	1	11	1	2	3	2	0	1	5	10	4	4
.246	88	7.6	5.06	+2.58	1.27	15th	15	4	2	1	0	11	5	4	1	1	0	1	8	11	5	0
.234	90	5.9	3.51	+0.91	0.83	3rd	19	1	0	0	11	14	0	7	0	0	0	6	2	8	7	1
.291	92	6.5	2.18	-0.09	0.58	8th	18	1	2	0	5	13	4	3	2	0	2	2	4	9	9	0
.266	84	5.5	3.86	+0.94	0.65	29th	22	0	1	1	6	4	4	4	4	0	2	3	3	11	4	0
.259	94	7.1	2.10	-0.17	0.39	5th	17	1	0	0	7	20	0	3	1	2	2	2	13	2	5	1
.237	91	7.6	2.75	-0.05	0.81	8th	16	1	0	0	1	16	2	3	1	2	1	2	3	12	5	2
.246	90	7.6	2.85	+0.29	0.87	8th	16	0	0	0	7	21	0	7	3	2	1	4	6	6	2	0
.255	88	7.1	3.10	+0.53	1.01	5th	14	1	0	0	8	19	2	1	4	3	2	4	3	8	6	0
.274	82	7.2	3.00	?	0.90	22nd	16	0	1	0	3	15	0	4	0	1	2	4	6	9	5	0
.288	89	7.7	3.96	+0.74	0.80	6th	16	2	2	3	0	12	4	6	2	1	3	2	3	7	7	0
.285	86	6.6	3.89	+0.65	0.68	22nd	17	0	0	0	3	14	1	5	6	2	1	2	4	5	5	1
.263	88	4.5	2.70	-1.17	0.48	1st	14	0	0	1	12	9	2	5	7	0	0	2	4	1	8	4
.220	98	5.9	6.37	?	1.27	3rd	18	0	0	0	4	14	0	3	6	1	4	4	6	6	1	0
.245	83	6.6	5.43	+1.97	0.97	1st	22	1	2	2	9	15	3	2	2	0	5	3	4	7	2	6
.269	80	7.4	4.53	+0.22	0.81	1st	21	1	6	2	1	11	4	6	4	3	1	2	4	5	4	2
.294	86	6.4	5.46	+1.50	1.33	1st	18	1	3	2	5	12	6	3	4	7	2	2	1	4	8	0
.293	86	6.3	5.57	+1.97	1.30	8th	17	0	1	3	0	10	7	6	2	3	4	0	3	7	6	0
.255	82	8.5	6.10	?	0.57	30th	25	1	10	1	2	23	3	10	5	1	1	5	5	1	3	0
.259	86	6.3	3.60	+0.46	0.76	1st	17	0	2	1	2	10	11	5	6	2	0	1	7	6	4	0
.265	82	7.0	7.37	?	1.02	1st	23	1	5	1	3	14	3	8	5	4	3	0	2	7	2	0
.231	90	6.3	2.90	-0.26	0.69	14th	16	2	0	0	5	12	0	2	1	1	2	1	2	5	1	16
.277	79	7.6	4.40	-1.48	0.58	1st	20	1	4	0	0	17	3	6	6	7	2	2	2	3	3	0
.281	84	5.5	2.67	-1.42	0.48	2nd	12	0	2	0	1	7	2	5	3	1	4	1	2	5	10	0
.325	81	7.3	4.13	+0.43	0.85	1st	22	0	4	2	0	9	12	8	1	3	4	2	2	3	8	0
.304	77	6.4	7.34	+2.89	0.97	8th	22	2	5	4	2	10	6	1	4	4	2	2	2	6	8	2

Barometer at this station is not reduced for altitude.

TABLE XX.

OBSERVATIONS of TEMPERATURE, RAINFALL, and BRIGHT SUNSHINE, obtained from the VALUES supplied for use in the WEEKLY WEATHER REPORT, for the Month of OCTOBER 1895.

NAMES OF STATIONS.	AIR TEMPERATURE.								RAINFALL.				BRIGHT SUNSHINE.				
	Means of				Absolute Extremes.				No. of Rainy Days.	Total Fall in the Month.	Difference from Average.	Maximum Fall in One Day.	Date.	No. of Hours recorded.	Difference from Average.	Per-centage of possible Dura-tion.	Difference from Average.
	Minima.	Maxima.	Min. and Max. combined.	Difference from Average.	Minimum.	Date.	Maximum.	Date.									
STORNOWAY	°	°	°	°	°	*	°	*	*	ins.	ins.	ins.	*	92.9	+ 6.5	30	+ 2
GLENCARRON	34.6	46.8	40.7	- 4.4	26	29th	73	1st	24	11.16	+ 2.27	2.72	11th	—	—	—	—
FORT AUGUSTUS	36.3	49.8	43.1	- 3.1	27	24th	72	1st	20	4.16	+ 0.06	1.22	1st	70.9	?	23	?
FORT WILLIAM	38.5	49.0	43.8	- 3.7	30	23rd, 24th	66	1st	20	4.55	- 3.32	1.10	1st	104.0	?	33	?
ABERDEEN	*	*	*	*	*	*	*	*	*	*	*	*	*	125.4	+ 34.2	40	+ 11
BRAEMAR	33.8	45.4	39.6	- 3.8	26	16th, 18th	68	1st	26	3.41	- 0.55	1.30	1st	84.3	?	27	?
EDINBURGH	—	—	—	—	—	—	—	—	—	—	—	—	—	98.3	?	31	?
OCHTERTYRE	35.8	50.8	43.3	- 2.8	26	27th, 31st	63	12th	13	2.05	- 2.20	0.83	1st	—	—	—	—
MARCHMONT	36.1	45.3	40.7	- 4.9	25	27th	70	1st	20	7.02	+ 3.70	1.32	9th	103.8	?	33	?
ALNWICK CASTLE	38.3	48.2	43.3	- 3.9	29	28th	61	12th	21	6.45	+ 3.59	1.15	16th	—	—	—	—
DURHAM	36.3	50.7	43.5	- 3.7	25	29th	67	1st	24	4.98	+ 2.07	1.03	15th	112.2	+ 28.8	35	+ 9
SCARBOROUGH	38.0	51.1	44.6	- 4.2	27	28th	60	1st	14	5.92	+ 0.29	0.87	8th	—	—	—	—
OSWALDKIRK	—	—	—	—	—	—	—	—	—	—	—	—	—	110.7	?	34	?
YORK	*	*	*	*	*	*	*	*	*	*	*	*	*	121.4	+ 40.9	38	+ 13
HILLINGTON	38.0	53.4	45.7	- 2.8	22	28th	77	1st	17	2.98	+ 0.37	0.75	9th	91.9	- 2.5	29	0
GELDESTON	38.4	53.7	46.1	- 3.4	23	28th	75	1st	20	3.74	+ 1.12	0.97	8th	98.8	- 12.5	30	- 4
CAMBRIDGE	—	*	*	*	*	*	*	*	*	*	*	*	*	97.4	- 8.2	30	- 3
ROTHAMSTED	38.3	52.1	45.2	- 2.7	24	26th	72	1st	18	2.48	- 0.45	0.45	8th	85.2	?	26	?
BAWTRY	37.4	52.1	44.8	- 2.9	24	26th, 28th	71	1st	15	2.55	- 0.20	0.85	8th	—	—	—	—
WORKSOP	—	—	—	—	—	—	—	—	—	—	—	—	—	87.9	+ 5.0	27	+ 1
STAMFORD (KETTON HALL).	37.4	54.0	45.7	- 2.6	22	28th	76	1st	18	1.74	- 1.22	0.46	8th	—	—	—	—
THURCASTON	—	—	—	—	—	—	—	—	—	—	—	—	—	87.2	+ 4.1	27	+ 1
CHHEADLE	37.3	50.5	43.9	- 2.8	26	24th, 28th, 30th.	67	1st	16	2.39	- 1.16	0.50	1st	—	—	—	—
SOLIHULL	37.6	51.0	44.3	- 3.5	26	24th, 28th	71	1st	18	2.96	?	0.74	8th	—	—	—	—
CHURCHSTOKE	35.8	51.2	43.5	- 3.7	19	30th	65	1st	19	3.13	- 0.30	0.70	21st	94.9	+ 6.1	29	+ 1
HEREFORD	37.0	52.3	45.0	- 3.4	22	24th	64	1st	15	2.29	- 0.58	0.58	21st	—	—	—	—
CIRENCESTER	37.7	52.1	44.9	- 2.6	23	24th	69	1st	15	2.77	- 0.26	0.54	5th	88.5	- 9.1	27	- 3
OXFORD	—	*	*	*	*	*	*	*	*	*	*	*	*	83.4	- 18.1	26	- 5
LONDON	*	*	*	*	*	*	*	*	*	*	*	*	*	63.3	- 13.9	20	- 4
MARGATE	—	—	—	—	—	—	—	—	—	—	—	—	—	92.3	?	28	?
STRATHFIELD TURGIS-	36.9	54.0	45.5	- 3.3	21	26th	71	1st	16	3.69	+ 1.04	1.13	5th	—	—	—	—
HASTINGS	41.6	55.3	48.5	- 2.8	30	28th	69	1st	15	4.83	+ 1.23	0.80	6th	116.5	- 5.8	36	- 2
EASTBOURNE	—	—	—	—	—	—	—	—	—	—	—	—	—	125.3	?	38	?
BRIGHTON	—	—	—	—	—	—	—	—	—	—	—	—	—	128.1	?	39	?
WESTBOURNE (SUSSEX)	—	—	—	—	—	—	—	—	—	—	—	—	—	95.9	?	29	?
SOUTHAMPTON	40.8	56.3	48.6	- 2.8	26	28th	68	1st	16	3.08	- 0.15	0.64	8th	108.9	- 3.4	33	- 1
STOWELL	38.6	52.0	45.3	- 3.2	21	28th	64	1st	18	3.36	?	0.62	7th	—	—	—	—
LAUDALE	36.9	51.9	44.4	- 2.8	28	23rd, 25th	72	1st	19	6.67	- 1.16	2.30	11th	—	—	—	—
GLASGOW	38.1	49.0	43.6	- 3.3	20	28th	67	1st	16	3.46	- 0.32	0.58	7th	91.8	+ 28.4	29	+ 9
GLENLEE	33.4	49.1	41.3	- 4.0	21	29th	68	1st	14	4.34	- 1.19	0.98	1st	—	—	—	—
DOUGLAS	39.9	51.8	45.9	- 2.9	29	24th, 27th	65	1st	23	5.85	+ 1.70	1.46	1st	122.3	+ 22.5	38	+ 7
STONYHURST	37.3	46.0	41.7	- 6.0	20	29th	66	1st	20	5.77	+ 0.66	1.40	30th	94.5	+ 14.6	29	+ 4
BLACKPOOL	38.9	52.4	45.7	- 3.1	19	29th	69	1st	23	5.11	+ 1.00	1.01	2nd	102.6	+ 20.3	32	+ 6
MANCHESTER (PREST-WICH).	37.1	50.0	43.6	- 4.4	20	29th	69	1st	21	3.62	- 0.46	0.67	2nd	63.1	?	20	?
MANCHESTER (OLDHAM ROAD).	—	—	—	—	—	—	—	—	—	—	—	—	—	42.2	?	13	?
LLANDUDNO	43.9	52.7	48.3	- 2.2	32	26th, 29th	68	1st	24	6.28	+ 2.52	0.85	1st	85.3	+ 10.8	26	+ 3
LLANDOVERY	34.6	53.0	43.8	- 5.2	18	24th	69	1st	21	5.03	- 0.40	0.93	5th	—	—	—	—
PEMBROKE	—	*	*	*	*	*	*	*	*	*	*	*	*	103.6	+ 4.3	32	+ 1
BRISTOL (MONTPELIER)	39.4	54.2	46.8	- 2.1	25	28th	67	1st	14	4.28	+ 0.76	1.29	5th	—	—	—	—
TENBY	—	—	—	—	—	—	—	—	—	—	—	—	—	105.2	?	33	?
ARLINGTON	40.3	51.9	46.1	- 3.2	25	24th	69	1st	19	8.88	+ 3.08	2.71	5th	—	—	—	—
CULLOMPTON	37.8	54.1	46.0	- 3.4	22	28th, 30th	71	1st	18	3.94	+ 0.05	0.55	2nd	86.6	- 6.0	27	- 1
TORQUAY	—	—	—	—	—	—	—	—	—	—	—	—	—	101.3	?	31	?
NEWQUAY	—	—	—	—	—	—	—	—	—	—	—	—	—	115.6	?	35	?
FALMOUTH	45.2	55.0	50.1	- 1.7	33	24th	67	1st	22	6.12	+ 0.73	1.09	2nd	122.8	+ 7.5	38	+ 3
PLYMOUTH	43.1	54.8	49.0	- 2.3	30	30th	66	1st	17	3.79	+ 0.06	0.76	2nd	109.8	+ 6.5	34	+ 2
SCILLY	—	*	*	*	*	*	*	*	*	*	*	*	*	117.4	?	36	?
GUERNSEY	—	—	—	—	—	—	—	—	—	—	—	—	—	126.4	?	38	?
JERSEY	—	*	*	*	*	*	*	*	*	*	*	*	*	130.1	+ 5.2	40	+ 2
LONDONDERRY	39.3	50.7	45.0	- 3.2	31	26th	69	1st	27	6.86	+ 2.66	0.75	13th	—	—	—	—
EDENFEL (OMAGH)	37.8	48.8	43.3	- 3.4	29	16th	59	1st	22	4.54	+ 0.87	0.54	1st	—	—	—	—
MARKREE CASTLE	37.2	51.8	44.5	- 3.2	23	23rd	61	1st	24	5.14	+ 1.26	0.72	1st	106.4	+ 22.0	33	+ 7
BROOKEBOROUGH	36.5	50.6	43.6	- 3.0	25	27th, 29th	61	1st	18	3.60	- 0.54	0.62	13th	—	—	—	—
ARMAGH	36.9	51.1	44.0	- 3.3	25	23rd	62	1st	17	3.65	+ 0.66	0.65	3rd	126.2	+ 48.4	39	+ 15
EDGEWORTHSTOWN	36.8	50.4	43.6	- 3.6	27	23rd, 27th	64	1st	13	2.86	- 0.19	0.73	14th	—	—	—	—
ARLEY COTTAGE (CO. CAVAN).	—	—	—	—	—	—	—	—	—	—	—	—	—	114.3	?	36	?
DUBLIN	40.6	51.8	46.2	- 3.3	30	29th	66	1st	16	2.84	- 0.19	0.59	1st	135.7	+ 35.5	42	+ 11
PARSONSTOWN	*	*	*	*	*	*	*	*	*	*	*	*	*	116.6	+ 25.2	36	+ 8
KILKENNY CASTLE	†	†	†	†	†	†	†	†	†	†	†	†	†	—	—	—	—
VALENCIA (CAHIR-CIVREN).	*	*	*	*	*	*	*	*	*	*	*	*	*	110.3	+ 11.6	34	+ 4
KILLARNEY	37.8	53.2	45.5	- 4.6	22	23rd	66	15th	16	4.63	?	0.83	25th	—	—	—	—
FOYNES	40.7	52.1	46.4	- 2.0	30	22nd	63	1st	21	4.68	?	0.88	14th	—	—	—	—

* For information, see Table XIX.

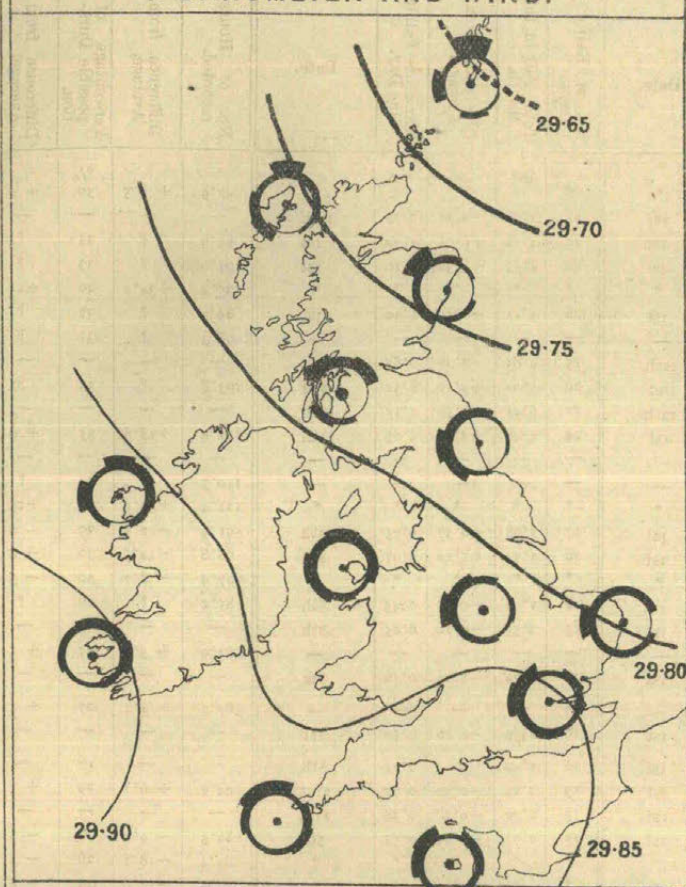
† Observations incomplete.

MONTHLY WEATHER CHART, OCTOBER, 1895.

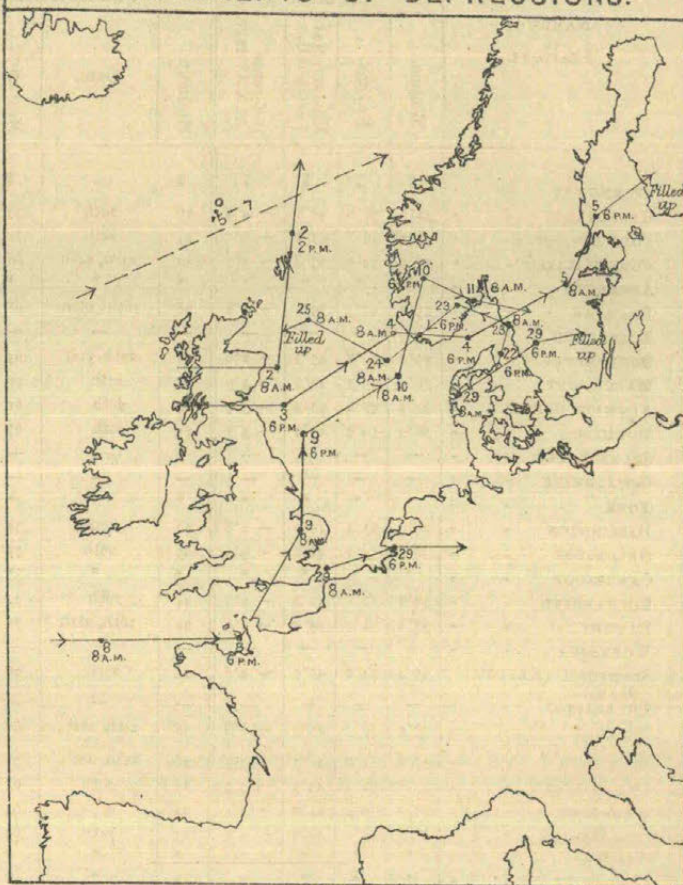
Monthly Summary.

Plate X.

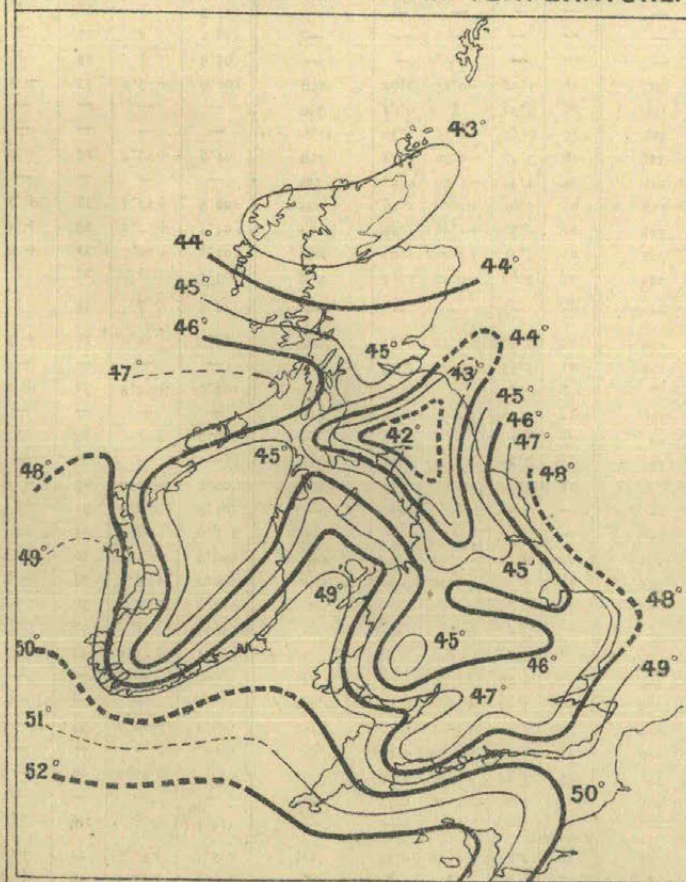
1. BAROMETER AND WIND.



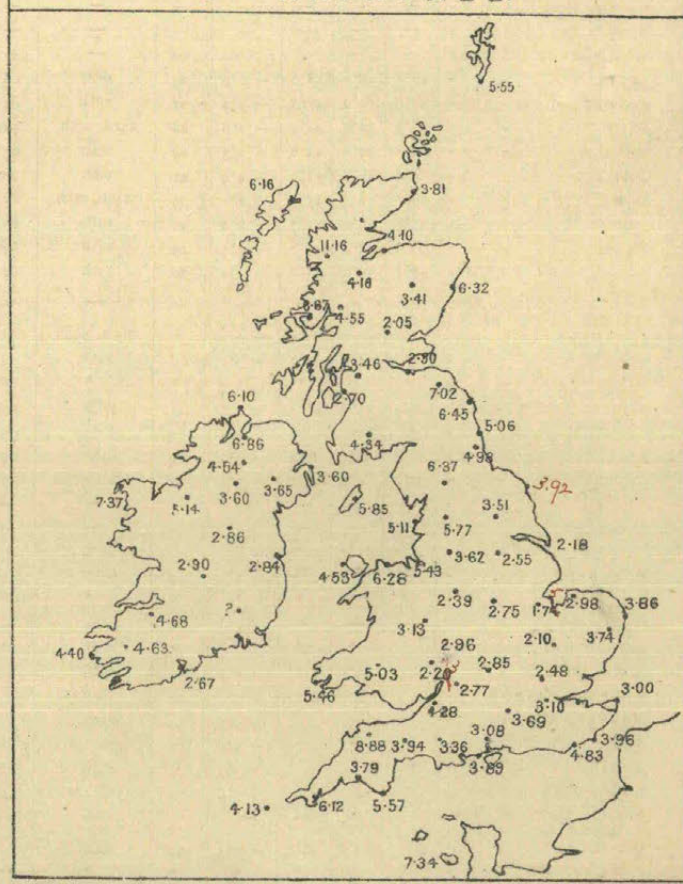
2. MOVEMENTS OF DEPRESSIONS.



3. DISTRIBUTION OF MEAN TEMPERATURE.



4 RAINFALL.



SUMMARY of the OBSERVATIONS made at the STATIONS included
in the DAILY and WEEKLY WEATHER REPORTS, for the
CALENDAR MONTH,

NOVEMBER 1895.

(Issued as a Supplement to the Weekly Weather Report, 1895.)

ISSUED BY THE METEOROLOGICAL OFFICE, 63, VICTORIA STREET, LONDON; R. H. SCOTT, F.R.S., SECRETARY.
PUBLISHED BY EYRE AND SPOTTISWOODE, EAST HARDING STREET, FLEET STREET, E.C.; JOHN MENZIES & Co., 12, HANOVER ST.,
EDINBURGH, and 90, WEST NILE STREET, GLASGOW; AND HODGES, FIGGIS, & Co., LIMITED, 104, GRAFTON STREET, DUBLIN.

General Summary.—The weather of November was very unsettled, especially during the earlier half of the month, when gales and heavy rains occurred at frequent intervals. Bright aurora was seen in many parts of Great Britain on the 9th, and thunder and lightning were reported at several of the western and southern stations between the 11th and 14th. Pressure was rather low, but temperature high, especially in the south of England; the winds were Westerly or South-westerly during the first fortnight, but afterwards South-easterly or Easterly; rainfall was mostly in excess of the average; bright sunshine was rather deficient at all but the western and extreme northern stations.

Pressure.—*Mean at 8 a.m.* ranged from 29·9 ins. and upwards in the south-east of England to 29·7 ins. and less in the Shetlands and the extreme north-west of Scotland; the values being slightly below the average* in all but the eastern parts of the kingdom. *Highest* readings were recorded, as a rule, on the 24th, when the barometer ranged from between 30·5 ins. and 30·6 ins. in the northern and north-eastern parts of Great Britain to 30·2 ins. and upwards in the extreme south of England. In the latter region, however, the readings were somewhat higher (30·3 ins. to 30·4 ins.) on the 1st. *Lowest* readings were observed between the 10th and 12th, when the barometer fell to between 28·3 ins. and 28·5 ins. on our extreme north and north-west coasts, and to 29·1 ins. or less in all other parts of the kingdom. *Range* was large in the west and north, but moderate elsewhere.

Depressions.—During the earlier half of the month several large depressions skirted our extreme western and northern coasts, the most important being those of the 5th–7th, and the 10th–11th, each of which occasioned strong Southerly to South-westerly gales over the whole kingdom. Later on, two large disturbances spread very gradually over us from the westward and south-westward, the interval between them being marked by the formation of a rather deep depression over the Netherlands, and its passage southwards over France to the Mediterranean.

Anticyclones.—Three such systems were observed. The first appears to have been formed over our Islands and the Continent at the close of October, but after the 2nd November it moved away to the eastward. The second spread over us from the south-westward on the 17th, but soon passed on to the north-eastward, its central portion remaining, however, over Northern Europe for some days. The third appeared off the north-west of Scotland on the night of the 22nd, and ultimately became united with the former system. On the 24th and 25th its central area was situated over our northern districts, after which the entire system travelled away to the eastward.

Winds varied greatly in direction; on our north and east coasts the South-westerly current was the most prevalent, but in the west there was a somewhat large proportion of winds from the Eastward. Gales were numerous, especially in the west and north; at Wick there were 11 days, at Pembroke, Prawle Point, and Scilly 12, and at Donaghadee 13. The Southerly and South-westerly gales of the 5th–6th, the 10th–11th, and the 15th–16th were very general and of considerable violence. The Northerly to North-easterly gales of the 23rd–24th were also severe, but were confined to our south-east coasts.

Temperature.—*Mean at sea level* ranged from 52° and upwards in the Scilly and Channel Islands to 44° and less over the northern parts of the kingdom generally, and to 41° and less over the inland parts of the north of Scotland. The general distribution agreed very fairly with the normal, but the actual values were high, the difference from the average* being large over the southern parts of England. *Highest* readings were recorded in Ireland and Scotland between the 6th and 11th, but over England they occurred very generally on the 16th, when the thermometer exceeded 60° in many places and reached a maximum of 65° at Cambridge. *Lowest* readings occurred in Scotland mostly between the 1st and 4th, but over England and Ireland either about the 18 and 19th or the 24th and 25th; the lowest readings of all were 21° at Nairn, Fort Augustus, and Braemar, and 23° at Glencarron, Stamford and Foynes. *Range* was somewhat large over the inland parts of England, but moderate elsewhere. *Vapour Tension* ranged from 0·36 in. at Scilly and 0·32 in. and upwards over the Channel and the south-west of England generally to 0·22 in. and less over central Scotland. *Relative Humidity* varied from 95 per cent. at Cambridge and 93 per cent. at Spurn Head, Ardrossan, Donaghadee, and Roche's Point, to 85 per cent. at Malin Head and Valencia and 83 per cent. at Sumburgh Head.

Rainfall was in excess of the average* in most districts, but showed a slight deficit in the west and north of Scotland and also along the east coasts of England. Over our southern counties the excess was in many instances very considerable. The largest totals for the month were 8·6 ins. at Fort William, 8·3 ins. at Hawes Junction, and 7·9 ins. at Killarney; the smallest being 1·2 ins. at Nairn and 1·6 ins. at Wick and Shields. The heaviest falls in 24 hours occurred over the western and northern parts of the kingdom on the 5th and 10th; on the latter occasion 1·5 ins. were registered at Churchstoke and Killarney. Snow and hail showers were experienced in the east and south-east of England on the 23rd.

Bright Sunshine exceeded the average* at most of our western and extreme northern stations, but was rather deficient elsewhere. Over Ireland and the south-west of England the per-centage of the possible duration ranged between 30 and 33, but in many parts of Great Britain it was below 20, the lowest proportions of all being 7 per cent. at Manchester (Oldham Road) and 12 per cent. at Fort Augustus and Glasgow.

* The averages employed are—*Pressure* and *Temperature* for the 20 years, 1871–90; *Rainfall* for the 25 years, 1866–90; and *Bright Sunshine* for the 10 years, 1881–90.

TABLE XXI.—Giving a SUMMARY of the METEOROLOGICAL OBSERVATIONS made at TELEGRAPHIC
Observations are made at 8 a.m. daily, but the Numbers of Days of Rain, Snow, Hail,
(The Stations are grouped in Districts, and then arranged in order of Latitude,

NAMES OF DISTRICTS.	NAMES OF STATIONS.	Mean Height of Barometer (at 39° Fahrenheit and Mean Sea Level) from Observations made at 8 a.m.	Difference from Average.	AIR TEMPERATURE.									
				Means of					Absolute Extremes.				
				At 8 a.m.	Minima.	Maxima.	Min. and Max. combined.	Difference from Average.	Minimum.	Date.	Maximum.	Date.	
0. SCOTLAND, N.	Sumburgh Head	ins. 29°700	in. +0°017	44°1	38°4	47°0	42°7	+1°0	33	23rd	51	8th, 10th	
	Wick	29°707	+0°015	42°4	37°2	46°6	41°9	+0°8	29	1st	54	7th	
	Stornoway	29°667	+0°032	42°5	36°9	47°6	42°3	+0°7	28	24th	52	15th, 20th	
1. SCOTLAND, E.	Nairn	29°715	+0°023	39°0	32°7	46°9	39°8	+0°7	21	2nd, 4th	54	7th, 10th	
	Aberdeen	29°794	+0°036	41°7	38°3	47°3	42°8	+1°4	28	2nd	56	7th	
	Leith	29°779	+0°010	42°7	38°5	48°8	43°7	+1°1	31	2nd, 19th	58	10th	
2. ENGLAND, N.E.	Shields	29°821	+0°008	44°0	39°4	50°2	44°8	+2°2	33	19th	60	16th	
	York	29°860	+0°014	43°5	38°6	50°9	44°8	+2°8	32	1st, 4th, 19th	62	16th	
	Spurn Head	29°858	+0°016	46°1	42°9	49°7	46°3	+2°8	39	18th, 27th	61	16th	
3. ENGLAND, E.	Yarmouth	29°898	+0°033	46°3	41°4	50°9	46°2	+2°9	34	18th	60	16th	
	Cambridge	29°906	+0°019	43°5	38°0	52°9	45°5	+3°3	27	3rd	65	16th	
4. MIDLAND COUNTIES	Loughborough	29°881	+0°004	43°9	40°2	51°1	45°7	+3°4	29	19th	63	16th	
	Oxford	29°889	+0°007	44°7	40°9	52°2	46°6	+3°7	29	18th, 19th	62	16th	
5. ENGLAND, S.	London	29°889	+0°009	45°7	41°7	53°1	47°4	+3°7	31	18th	64	16th	
	North Foreland	29°918	+0°038	48°8	44°0	52°7	48°4	+4°1	36	25th	62	16th	
	Dungeness	29°898	+0°005	49°3	45°5	53°6	49°6	+4°6	33	24th	61	16th	
	Hurst Castle	29°877	+0°025	50°2	46°1	54°3	50°2	+4°6	39	18th, 23rd, 24th.	62	16th	
6. SCOTLAND, W.	Ardrossan	29°763	+0°028	44°3	40°3	48°2	44°3	+0°8	32	1st	54	15th	
7. ENGLAND, N.W.	Hawes Junction*	28°586	?	39°7	34°9	45°3	40°1	?	27	4th	55	16th	
	Liverpool	29°834	+0°017	44°9	40°8	50°3	45°6	+1°9	35	18th, 19th, 20th, 27th.	61	16th	
	Holyhead	29°802	+0°033	46°4	42°6	50°5	46°6	+0°3	35	4th	57	15th	
8. ENGLAND, S.W.	Pembroke	29°797	+0°067	49°4	46°1	52°1	49°1	+2°1	38	24th, 25th	58	15th, 16th	
	Prawle Point	29°844	+0°070	50°7	46°3	53°5	49°9	+3°4	38	24th, 25th	59	16th	
9. IRELAND, N.	Malin Head	29°705	+0°070	44°8	41°9	48°4	45°2	+2°0	36	25th	53	7th, 10th, 15th	
	Donaghadee	29°784	+0°026	45°2	41°5	49°4	45°5	+1°7	31	18th	56	15th	
	Belmullet	29°716	+0°064	45°0	40°8	49°2	45°0	+1°6	34	4th, 5th, 24th, 25th.	53	7th, 8th	
10. IRELAND, S.	Parsonstown	29°766	+0°081	42°8	38°1	50°2	44°2	+1°1	26	5th	56	6th, 10th, 15th, 21st	
	Valencia (Cahiriveen)	29°740	+0°125	47°3	41°9	52°8	47°4	+0°3	30	3rd, 24th	57	5th, 21st	
	Roche's Point	29°767	+0°098	47°5	43°4	52°0	47°7	+1°1	35	4th	59	15th	
CHANNEL ISLANDS	Scilly	29°786	+0°111	52°5	48°4	55°5	52°0	+2°4	40	24th, 25th	59	7th, 15th, 21st	
	Jersey	29°908	+0°020	51°7	48°1	56°0	52°1	+4°1	37	26th, 27th	63	7th, 16th	

* Hawes Junction is 1,135 feet above Mean Sea Level, and the

SUMMARY OF OBSERVATIONS, NOVEMBER 1895.

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REPORTING STATIONS in the BRITISH ISLANDS during the Month of NOVEMBER 1895.

Thunderstorms, and Gales are counted irrespective of the Hours at which they occurred.

beginning in each case with the Station lying furthest North.)

TENSION OF VAPOUR.	RELATIVE HUMIDITY.	AMOUNT OF CLOUD.	RAINFALL.				WEATHER, No. of Days of							WIND, No. of Observations of									
			Total Fall in the Month.	Difference from Average.	Maximum Fall in One Day.	Date.	Rain.	Snow.	Hail.	Thunderstorms.	Clear Sky.	Overcast.	Gales.	North.	N.E.	East.	S.E.	South.	S.W.	West.	N.W.	Calms.	
in.	%		ins.	ins.	ins.	10th, 21st																	
0'243	83	9'2	4'41	+0'25	0'58	10th, 21st	22	0	0	0	0	22	8	0	2	1	6	5	4	7	2	3	
'250	92	7'2	1'62	-1'31	0'35	10th	15	0	1	0	5	16	11	3	0	0	2	12	5	2	6	0	
'246	90	8'0	4'00	-0'61	0'75	10th	20	0	1	0	1	18	7	2	0	0	3	3	4	13	2	3	
'205	86	7'1	1'22	-1'07	0'31	21st	17	0	0	0	1	12	0	0	1	1	1	1	3	8	1	14	
'224	86	7'2	3'92	+0'78	0'73	10th	17	0	0	0	0	14	9	1	0	2	6	6	10	4	1	0	
'244	88	8'0	1'76	-0'44	0'36	16th	21	0	0	0	0	19	3	1	1	8	3	2	5	4	1	5	
'255	88	8'5	1'61	-1'00	0'25	5th	15	0	1	0	0	18	5	1	4	3	4	6	7	2	1	2	
'258	91	6'8	2'64	+0'45	0'38	5th	22	0	0	0	5	14	0	0	3	6	4	9	4	3	1	0	
'288	93	7'9	1'99	-0'41	0'30	5th	19	1	0	0	1	17	6	1	1	3	8	4	8	3	1	1	
'272	88	5'5	2'40	-0'66	0'37	8th	16	0	0	0	6	5	8	1	1	3	6	5	11	4	0	1	
'269	95	8'0	2'60	+0'59	0'40	7th	17	1	0	0	5	23	2	1	3	5	5	8	7	0	1	0	
'258	90	8'0	3'32	+1'08	0'46	29th	22	0	0	0	2	18	5	1	4	3	7	3	6	1	3	2	
'268	91	7'8	4'17	+1'86	0'66	5th	17	0	0	0	6	21	5	2	7	3	4	8	2	2	0	2	
'270	89	7'6	3'01	+0'78	0'54	28th	18	0	0	0	3	18	0	1	2	7	3	2	8	5	0	2	
'296	86	6'9	3'26	?	0'50	8th	16	1	2	0	5	15	3	0	0	3	8	9	5	3	2	0	
'323	92	7'4	3'19	-0'29	0'37	12th	20	0	1	0	1	8	10	1	1	3	5	7	9	3	1	0	
'317	88	7'9	4'82	+1'81	0'60	3rd	21	0	0	0	0	18	6	1	8	3	3	5	8	2	0	0	
'270	93	7'0	3'42	-0'46	0'60	21st	17	0	1	0	1	13	7	3	10	2	0	4	7	2	1	1	
'238	97	7'3	8'28	?	1'20	11th	20	0	2	0	0	18	3	0	2	11	1	6	6	3	1	0	
'254	86	7'1	2'44	-0'52	0'39	11th	15	0	0	0	5	15	2	1	3	6	7	4	7	2	0	0	
'273	87	6'6	5'39	+1'51	1'54	16th	18	0	1	0	1	6	9	2	3	9	3	2	7	3	1	0	
'320	91	6'6	4'09	+0'05	0'73	15th	21	0	1	0	1	14	12	0	1	8	5	0	7	6	2	1	
'331	89	8'2	5'77	+2'57	0'66	7th	26	0	0	1	0	16	12	0	2	4	5	3	9	6	1	0	
'251	85	8'6	3'56	?	0'60	10th	20	0	3	2	0	20	8	1	0	2	8	7	7	4	1	0	
'278	93	6'3	3'83	+0'63	1'35	5th	20	0	0	0	0	10	13	0	2	6	7	1	7	5	2	0	
'260	87	5'9	5'15	?	1'41	10th	21	0	0	1	5	11	4	1	2	8	3	4	7	5	0	0	
'249	91	6'4	4'36	+1'53	0'59	9th	22	0	0	0	3	12	0	1	1	4	4	2	1	2	1	14	
'273	85	6'7	5'82	+0'40	0'85	10th	24	0	2	1	1	9	6	2	4	9	4	2	4	2	2	1	
'302	93	7'0	6'73	+2'11	1'10	15th	19	0	1	2	0	13	9	5	4	4	3	4	2	6	2	0	
'359	91	8'0	4'81	+1'09	0'81	10th	25	0	0	0	0	12	12	0	2	5	5	5	5	4	4	0	
'329	86	7'4	4'99	+0'69	1'03	8th	27	2	2	1	2	14	9	2	1	4	9	3	5	4	1	1	

barometer at this station is not reduced for altitude.

TABLE XXII.

OBSERVATIONS of TEMPERATURE, RAINFALL, and BRIGHT SUNSHINE, obtained from the VALUES supplied for use in the WEEKLY WEATHER REPORT for the Month of NOVEMBER 1895.

STATIONS.	AIR TEMPERATURE.								RAINFALL.					BRIGHT SUNSHINE.			
	Means of				Absolute Extremes.				No. of Rainy Days.	Total Fall in the Month.	Difference from Average.	Maximum Fall in One Day.	Date.	No. of Hours recorded.	Difference from Average.	Per-centage of possible Duration.	Difference from Average.
	Minima.	Maxima.	Min. and Max. combined.	Difference from Average.	Minimum.	Date.	Maximum.	Date.									
STORNOWAY	0	0	0	0	0	*	0	*	*	ins.	ins.	ins.	*	49'9	+ 8'5	22	+ 4
GLASCARRON	34'4	45'1	39'8	- 0'2	23	2nd, 4th	58	6th	19	7'05	- 2'67	0'86	7th	28'9	?	12	?
FORT AUGUSTUS	34'5	47'2	40'9	+ 0'1	21	4th, 5th	56	11th	22	6'28	+ 2'00	1'05	6th	44'6	?	19	?
FORT WILLIAM	37'5	47'3	42'4	+ 0'8	26	3rd	56	11th	21	8'55	+ 0'78	1'39	13th	60'3	+ 5'0	26	+ 2
ABERDEEN	*	*	*	*	*	*	*	*	*	*	*	*	*	30'7	?	13	?
BRAEMAR	33'8	42'9	38'4	+ 0'6	21	3rd	51	11th	18	3'74	- 0'15	1'00	10th	44'0	?	18	?
EDINBURGH	*	*	*	*	*	*	*	*	*	*	*	*	*	50'3	?	21	?
OGHTERTYRE	37'2	46'6	41'9	+ 1'7	27	1st	55	7th	22	6'17	+ 1'82	0'93	9th	59'2	- 5'4	23	- 2
MARCHMONT	34'6	†	†	†	27	1st	†	†	19	3'02	- 0'55	0'40	15th	61'8	- 2'3	24	- 1
ALNWICK CASTLE	38'3	46'9	42'6	+ 0'8	29	2nd	54	10th	19	2'79	- 0'54	0'38	15th	50'1	?	19	?
DURHAM	37'7	49'1	43'4	+ 2'4	29	2nd, 4th	59	16th	24	2'47	- 0'49	0'34	5th	45'6	- 9'6	19	- 4
SCARBOROUGH	40'4	49'5	45'0	+ 1'9	35	18th, 27th	60?	16th	20	2'61	- 0'41	0'34	5th	46'8	?	19	?
OSWALDKIRK	*	*	*	*	*	*	*	*	*	*	*	*	*	28'5	- 13'8	11	- 6
YORK	*	*	*	*	*	*	*	*	*	*	*	*	*	54'6	+ 1'5	21	0
HILLINGTON	40'0	51'3	45'7	+ 3'8	28	18th	63	16th	21	3'17	+ 0'46	0'54	22nd	59'2	- 5'4	23	- 2
GELDESTON	40'1	52'4	46'3	+ 3'1	27	3rd	63	16th	17	2'26	- 0'46	0'45	7th	61'8	- 2'3	24	- 1
CAMBRIDGE	*	*	*	*	*	*	*	*	*	*	*	*	*	50'1	?	19	?
ROTHAMSTED	39'0	51'7	45'4	+ 3'6	27	18th	63	16th	24	4'64	+ 1'93	0'72	15th	33'9	- 16'3	13	- 7
BAWTRY	37'9	50'7	44'3	+ 2'4	26	19th	62	16th	21	3'06	+ 0'91	0'61	29th	44'0	- 6'9	17	- 3
WORKSOP	*	*	*	*	*	*	*	*	*	*	*	*	*	51'0	- 2'7	20	- 1
STAMFORD (KETTON HALL).	38'5	51'5	45'0	+ 2'9	23	19th	63	16th	20	3'59	+ 0'93	0'53	5th	49'2	- 6'2	19	- 3
THURCASTON	*	*	*	*	*	*	*	*	*	*	*	*	*	36'0	- 1'7	14	0
CHEADLE	38'9	49'0	44'0	+ 3'0	32	18th, 23rd	59	16th	20	3'62	+ 0'43	0'87	5th	47'8	?	18	?
SOLIHULL	39'3	49'4	44'4	+ 2'7	30	3rd	60	16th	21	3'91	?	0'70	5th	18'8	?	7	?
CHURCHSTOKE	39'4	49'6	44'5	+ 2'8	32	18th	59	16th	20	4'70	+ 1'18	1'48	10th	48'4	+ 3'7	19	+ 1
HEREFORD	40'5	50'8	45'7	+ 2'6	30	18th	59	15th, 16th	23	4'65	+ 2'09	0'94	10th	60'5	+ 1'2	24	+ 1
CIRENCESTER	39'2	51'1	45'2	+ 3'7	26	18th	61	16th	22	5'21	+ 2'18	0'72	10th	57'8	?	22	?
OXFORD	*	*	*	*	*	*	*	*	*	*	*	*	*	47'3	?	18	?
LONDON	*	*	*	*	*	*	*	*	*	*	*	*	*	52'5	- 4'3	20	- 2
MARGATE	*	*	*	*	*	*	*	*	*	*	*	*	*	48'9	?	19	?
STRATHFIELD TURGISS	39'2	53'3	46'3	+ 3'7	27	18th	64	16th	24	5'12	+ 2'57	0'84	5th	57'8	?	22	?
HASTINGS	43'7	53'6	48'7	+ 3'6	35	26th	60	16th	21	5'59	+ 2'29	0'71	11th	47'3	?	18	?
EASTBOURNE	*	*	*	*	*	*	*	*	*	*	*	*	*	52'5	- 4'3	20	- 2
BRIGHTON	*	*	*	*	*	*	*	*	*	*	*	*	*	48'9	?	19	?
WESTBOURNE (SUSSEX)	*	*	*	*	*	*	*	*	*	*	*	*	*	57'8	?	22	?
SOUTHAMPTON	43'3	54'3	48'8	+ 4'3	32	18th	63	16th	22	5'31	+ 2'35	0'95	15th	47'3	?	18	?
STOWELL	42'1	52'3	47'2	+ 4'0	33	18th	60	16th	26	6'55	?	0'90	10th	52'5	- 4'3	20	- 2
LAUDALE	38'0	†	†	†	27	26th	†	†	20	7'33	- 1'79	1'32	10th	48'4	+ 3'7	19	+ 1
GLASGOW	39'5	47'2	43'4	+ 1'9	30	1st	55	15th	20	4'67	+ 0'88	0'70	5th	27'5	+ 0'8	12	+ 1
GLENLEE	37'0	48'3	42'7	+ 2'2	27	1st	56	11th	20	7'34	+ 1'09	1'25	9th	70'7	+ 9'7	28	+ 4
DOUGLAS	41'5	50'3	45'9	+ 1'7	32	26th	56	15th	19	3'74	- 1'02	0'93	15th	42'3	- 2'8	17	- 1
STONYHURST	40'1	48'5	44'3	+ 2'1	34	27th	59	16th	19	3'75	- 0'88	0'51	16th	50'2	+ 5'6	20	+
BLACKPOOL	39'8	50'8	45'3	+ 2'4	33	1st	59	15th	18	3'05	- 0'46	0'59	16th	35'1	?	14	?
MANCHESTER (PREST-WICH).	40'3	50'8	45'6	+ 3'5	30	18th	60	16th	19	3'01	- 0'59	0'68	16th	18'8	?	7	?
" (OLDHAM RD.)	*	*	*	*	*	*	*	*	*	*	*	*	*	48'4	+ 3'7	19	+ 1
LLANDUDNO	42'4	52'0	47'2	+ 1'9	32	4th	63	15th, 16th	17	3'71	+ 0'20	0'70	16th	60'5	+ 1'2	24	+ 1
LLANDOVERY	38'8	51'7	45'3	+ 2'0	26	18th	60	16th	25	6'30	+ 1'09	1'22	10th	55'7	?	22	?
PEMBROKE	*	*	*	*	*	*	*	*	*	*	*	*	*	47'4	?	18	?
BRISTOL (MONTPELIER)	43'0	52'6	47'8	+ 4'2	33	3rd	62	16th	21	5'47	+ 2'06	1'11	5th	76'4	?	29	?
TENBY	*	*	*	*	*	*	*	*	*	*	*	*	*	67'6	- 1'8	25	- 1
ARLINGTON	41'7	53'5	47'6	+ 3'8	35	3rd, 18th, 27th	62	5th, 15th	20	7'31	+ 0'98	1'34	10th	60'6	+ 3'4	23	+ 1
CULLOMPTON	42'4	53'5	48'0	+ 3'8	27	18th	61	15th, 16th	21	6'11	+ 2'58	1'06	10th	79'1	?	30	?
TORQUAY	*	*	*	*	*	*	*	*	*	*	*	*	*	73'8	?	27	?
NEWQUAY	*	*	*	*	*	*	*	*	*	*	*	*	*	82'1	+ 16'7	30	+ 6
FALMOUTH	46'2	54'2	50'2	+ 2'6	37	24th	60	16th	24	6'12	+ 0'69	1'02	10th	75'5	+ 18'8	30	+ 7
PLYMOUTH	46'3	54'4	50'4	+ 4'0	36	18th	59	16th	22	6'26	+ 2'64	0'86	5th	74'8	?	30	?
SCILLY	*	*	*	*	*	*	*	*	*	*	*	*	*	75'7	+ 4'8	30	+ 2
GUERNSEY	*	*	*	*	*	*	*	*	*	*	*	*	*	79'0	+ 16'0	31	+ 6
JERSEY	*	*	*	*	*	*	*	*	*	*	*	*	*	85'4	+ 25'3	33	+ 10
LONDONDERRY	38'4	49'0	43'7	+ 0'8	31	1st, 25th	54	7th, 10th, 21st	23	3'42	- 0'88	0'59	10th	—	—	—	—
EDENFEL (OMAGH)	37'6	47'4	42'5	+ 0'9	29	18th	53	10th, 15th	21	4'56	+ 0'95	0'95	10th	—	—	—	—
MARKREE CASTLE	36'7	49'4	43'1	+ 0'4	27	4th, 25th	55	6th	21	3'72	+ 0'19	0'82	10th	76'1	+ 22'2	30	+ 8
BROOKBOROUGH	37'9	48'9	43'4	+ 2'0	29	1st, 18th, 24th	55	6th	20	4'86	+ 0'58	0'86	10th	—	—	—	—
ARMAGH	38'3	49'1	43'7	+ 1'8	30	1st, 4th, 25th	55	10th, 15th	19	3'02	+ 0'11	0'47	10th	75'5	+ 18'8	30	+ 7
EDGEWORTHSTOWN	37'1	48'1	42'6	+ 0'3	32	18th, 24th	54	10th, 21st, 22nd	20	3'05	+ 0'29	0'65	6th	—	—	—	—
ARLEY COTTAGE (COUNTY CAVAN).	*	*	*	*	*	*	*	*	*	*	*	*	*	74'8	?	30	?
DUBLIN	42'7	51'3	47'0	+ 2'2	34	4th	59	15th	21	5'58	+ 1'10	0'89	15th	75'7	+ 4'8	30	+ 2
PARSONSTOWN	*	*	*	*	*	*	*	*	*	*	*	*	*	79'0	+ 16'0	31	+ 6
KILKENNY CASTLE	39'0	50'7	44'9	+ 0'2	28	18th	58	6th	20	5'42	+ 2'75	0'84	15th	—	—	—	—
VALENCIA (CAHILL CIVEN).	*	*	*	*	*	*	*	*	*	*	*	*	*	85'4	+ 25'3	33	+ 10
KILLARNEY	38'7	52'4	45'6	0'0	25	3rd, 4th	58	5th, 6th, 7th	23	7'94	?	1'45	10th	—	—	—	—
FOYNES	40'4	49'8	45'1	+ 0'5	23	3rd	56	21st	20	5'56	?	0'84	10th	—	—	—	—

* For information, see Table XXI.

† Thermometer out of order.

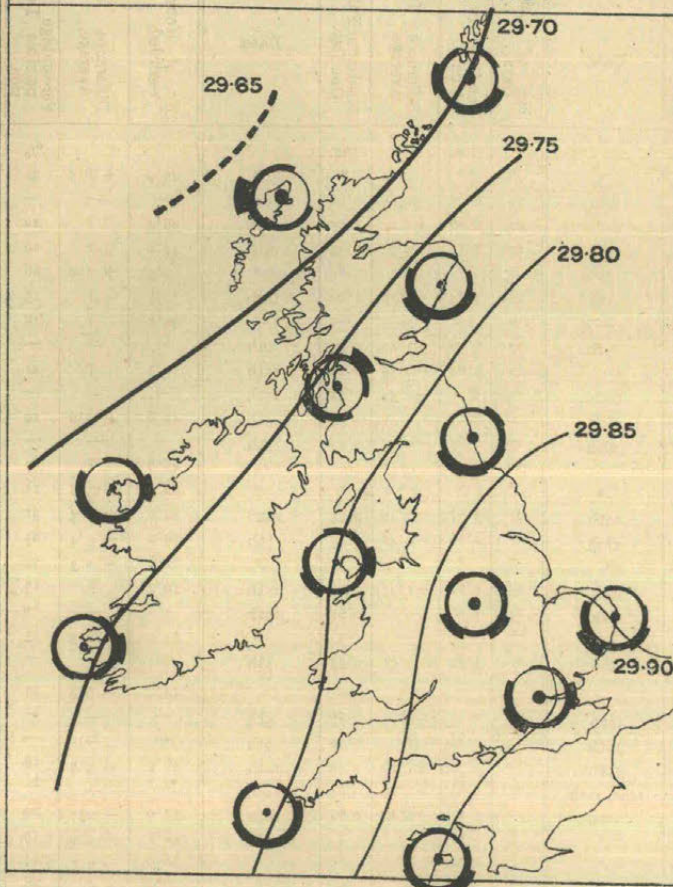
‡ Observations unreliable.

MONTHLY WEATHER CHART, NOVEMBER 1895.

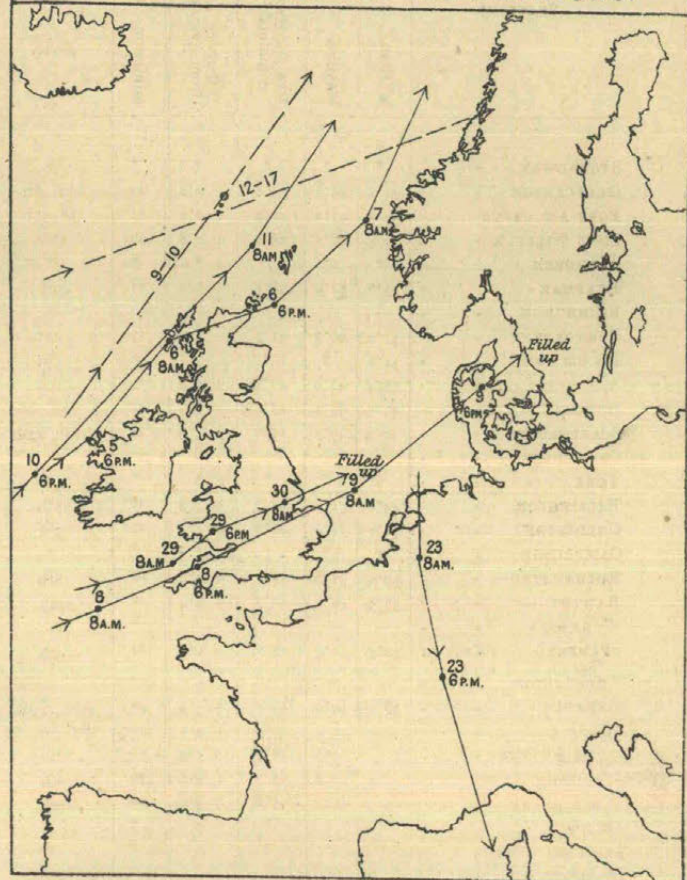
Monthly Summary.

Plate XI.

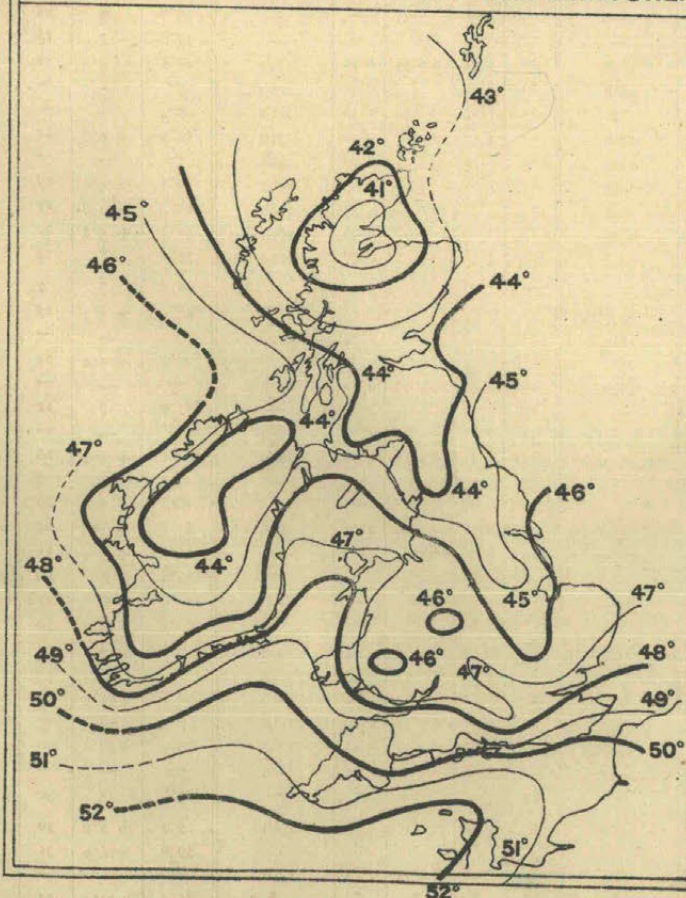
1. BAROMETER AND WIND.



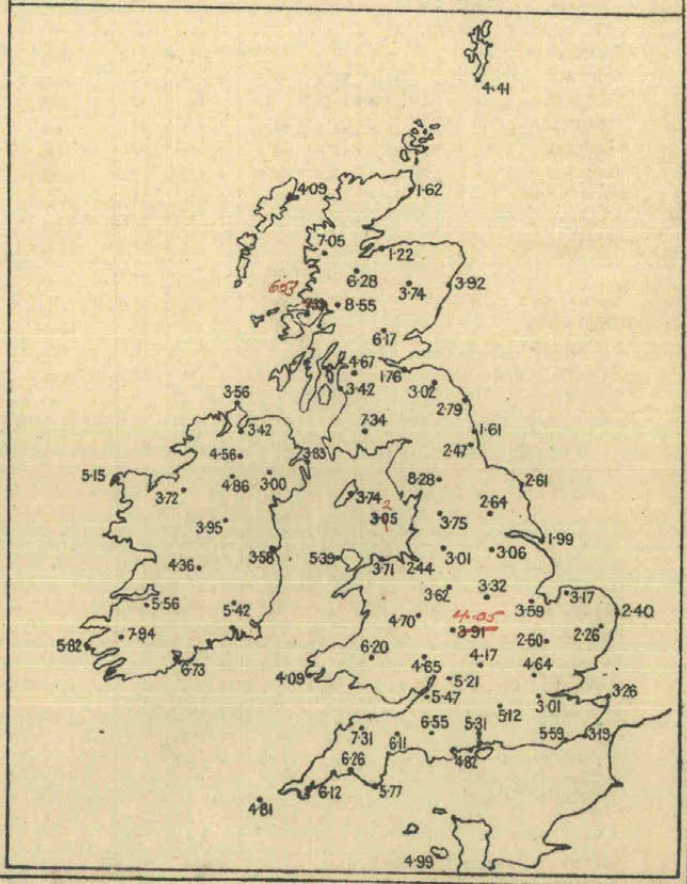
2. MOVEMENTS OF DEPRESSIONS.



3. DISTRIBUTION OF MEAN TEMPERATURE.



4. RAINFALL.



To face p.

MONITOR WEATHER (GIVEN) NOVEMBER 1911
JANUARY 1912

MOVEMENT OF DEPRESSION

DIRECTION AND FORCE OF WIND



RAINFALL

DISTRIBUTION OF MEAN TEMPERATURE



SUMMARY of the OBSERVATIONS made at the STATIONS included in the DAILY and WEEKLY WEATHER REPORTS, for the CALENDAR MONTH,

DECEMBER 1895.

(Issued as a Supplement to the Weekly Weather Report, 1895.)

ISSUED BY THE METEOROLOGICAL OFFICE, 63, VICTORIA STREET, LONDON; R. H. SCOTT, F.R.S., SECRETARY.
PUBLISHED BY EYRE AND SPOTTISWOODE, EAST HARDING STREET, FLEET STREET, E.C.; JOHN MENZIES & Co., 12, HANOVER ST., EDINBURGH, and 90, WEST NILE STREET, GLASGOW; AND HODGES, FIGGIS, & Co., LIMITED, 104, GRAFTON STREET, DUBLIN.

General Summary.—The weather of December was extremely unsettled, with frequent gales from the Westward during the first half of the month, and with a prolonged gale from the South-eastward between the 21st and 25th. Snow or sleet was experienced on various occasions, principally in the north. Thunder and lightning occurred in many places during the early part of the month. Pressure was low; temperature was above the average; the winds were chiefly from the Westward; rainfall varied in amount in different places, but was, as a rule, in excess of the normal; bright sunshine was deficient.

Pressure.—*Mean at 8 a.m.* ranged from 29·85 ins. at Jersey and 29·80 ins. and upwards over the Channel and south of England generally to 29·6 ins. and less in the north and north-west of Scotland. The general distribution was in fair agreement with the normal, but the actual values were everywhere low, the difference from the average* being greatest on our western coasts, where it ranged between 0·16 in. and 0·20 in. *Highest* readings occurred on the 27th, when the barometer ranged from 30·4 ins. and upwards over the eastern and central parts of Great Britain to 30·1 ins. in the extreme south-west of Ireland. *Lowest* readings were observed, as a rule, on the 15th or 16th, when the mercury fell below 28·8 ins. at several of our northern stations, and below 29·1 ins. in all but the south-eastern parts of the kingdom. In the extreme north, however, lower readings (28·5 ins. to 28·7 ins.) were recorded on the 5th or 6th. *Range* was moderate in the south, but rather large in the north.

Depressions.—During the early part of the month several large depressions travelled eastwards or south-eastwards across Scandinavia, their secondaries advancing in some cases directly over our Islands. Later on, pressure became high over northern Europe, and on the 21st a deep depression appeared off the south-west of Ireland, the system remaining almost stationary in that position for four or five days. On the 25th, however, the depression began to fill up, and between that date and the 27th it moved away in a south-easterly direction across the Bay of Biscay and France to the Mediterranean.

Anticyclones.—The only occasions on which an anticyclone was observed over any portion of our Islands were: (1) between the 1st and 2nd, and again on the 8th, when a high-pressure system spread temporarily over our southern coasts from the southward; and (2) between the 18th and 20th and the 26th and 27th, when a similar movement took place from the northward.

Winds.—During the earlier half of the month the winds were chiefly from the Westward, but in the latter part of the time they were mostly Easterly or South-easterly. Gales were unusually prevalent in the west and north, the number of days with a wind force of 7 or more being as large as 18 at Pembroke, 16 at Donaghadee, and 15 at Aberdeen. The South-easterly gale of the 22nd–26th was rather severe in the west and north, and occasioned a very high sea along the north and east coasts of Ireland and Scotland.

Temperature.—*Mean at Sea Level* ranged from 49° at Scilly, 47° at Jersey, and 45° or more on our extreme south-west coasts generally, to 40° and less over central Ireland, 39° and less over the northern and central parts of England, and to between 37° and 38° over central Scotland. The general distribution was fairly normal, but the actual values were above the average* in all localities excepting Wales and the central and southern parts of Scotland, the excess being rather large in the south-west of England. *Highest* readings were recorded on the 4th or 5th, excepting at the south-western stations, where they occurred on the 29th or 30th; in many parts of England and the south of Ireland the thermometer exceeded 55°, the highest reading of all being 58° at Cambridge and Killarney. *Lowest* readings were observed, as a rule, between the 20th and 22nd, but at many places in the south of England they occurred on the 11th; at some of the northern and central stations the thermometer fell slightly below 20°, while at Braemar it went as low as 12°. *Vapour Tension* ranged from 0·31 in. at Scilly, and 0·28 in. on our extreme south-west coasts generally, to 0·20 in. or less in the east of Scotland, and in some isolated parts of England. *Relative Humidity* varied from 96 per cent. at Cambridge and 93 per cent. at Wick, Ardrossan, and Donaghadee, to 85 per cent. at Sumburgh Head, Nairn, Valencia, Jersey, and Yarmouth.

Rainfall was rather deficient in Wales and the west of Scotland, as well as at many stations in the eastern and central parts of England. Elsewhere the amount was more than the average,* the excess being considerable in the south of Ireland and the south-west of England, where repeated heavy falls occurred between the 21st and 26th. The largest aggregates recorded during the month were 9·9 ins. at Falmouth, 9·4 ins. at Killarney, and 9·0 ins. at Roche's Point; the smallest being 1·4 ins. at Yarmouth, 1·5 ins. at Cambridge, and 1·6 ins. at Spurn Head, Stamford, and Geldeston. The heaviest falls in 24 hours were: (1) in Scotland on the 4th, when 1·9 ins. fell at Glenlee, and 1·8 ins. at Fort Augustus and Glencarron; and (2) in the south-west of our Islands on the 23rd, when 2·3 ins. fell at Falmouth, 1·9 ins. at Killarney, and 1·8 ins. at Roche's Point. At the last-mentioned station the aggregate for the five days, 21st–25th, was as much as 6·5 ins., or an inch and a half more than the average for the whole month.

Bright Sunshine was deficient, especially in the extreme south-west of England and the Channel Islands. The per-centage of the possible duration varied from 20 at Westbourne and Valencia to 3 at Blackpool, and to only 1 at Fort Augustus and Manchester (Oldham Road), less than 10 per cent. being recorded at several stations in the northern and central parts of Great Britain, and also at Guernsey.

* The averages employed are—*Pressure* and *Temperature* for the 20 years, 1871–90; *Rainfall* for the 25 years, 1866–90; and *Bright Sunshine* for the 10 years, 1881–90.

TABLE XXIII.—Giving a SUMMARY of the METEOROLOGICAL OBSERVATIONS made at TELEGRAPHIC
Observations are made at 8 a.m. daily, but the Numbers of Days of Rain, Snow, Hail,
(The Stations are grouped in Districts, and then arranged in order of Latitude,

NAMES OF DISTRICTS.	NAMES OF STATIONS.	Mean Height of Barometer (at 32° Fahrenheit and Mean Sea Level) from Observations made at 8 a.m.	Difference from Average.	AIR TEMPERATURE.								
				Means of					Absolute Extremes.			
				At 8 a.m.	Minima.	Maxima.	Min. and Max. combined.	Difference from Average.	Minimum.	Date.	Maximum.	Date.
0. SCOTLAND, N.	Sumburgh Head	ins. 29° 609	ins. -0° 064	39° 7	35° 2	42° 3	38° 8	-0° 1	26	8th, 9th	46	2nd, 4th, 9th
	Wick	29° 594	-124	39° 5	34° 3	42° 1	38° 2	+0° 7	25	8th	48	4th
	Stornoway	29° 586	-119	39° 7	34° 5	43° 7	39° 1	+0° 4	28	8th, 21st	50	2nd
1. SCOTLAND, E.	Nairn	29° 623	-120	36° 9	31° 1	41° 8	36° 5	-0° 9	20	21st	51	2nd
	Aberdeen	29° 672	-095	37° 5	34° 2	41° 5	37° 9	+0° 6	28	8th, 12th, 22nd, 23rd	51	4th
	Leith	29° 671	-136	38° 6	33° 7	43° 5	38° 6	-0° 3	25	22nd	53	4th
2. ENGLAND, N.E.	Shields	29° 699	-146	38° 6	34° 2	43° 3	38° 8	+0° 4	26	22nd, 23rd	53	4th
	York	29° 746	-144	37° 8	33° 7	43° 3	38° 5	+1° 2	27	22nd	53	5th
	Spurn Head	29° 727	-146	40° 0	36° 5	43° 0	39° 8	+0° 9	32	28th	51	4th, 5th
3. ENGLAND, E.	Yarmouth	29° 757	-159	38° 7	34° 1	43° 1	38° 6	+0° 8	29	9th	55	5th
	Cambridge	29° 795	-146	37° 5	32° 2	44° 3	38° 3	+1° 1	20	22nd, 23rd	58	5th
4. MIDLAND COUNTIES	Loughborough	29° 782	-142	37° 0	32° 9	43° 5	38° 2	+0° 7	19	23rd	57	30th
	Oxford	29° 807	-148	38° 3	34° 4	44° 2	39° 3	+1° 1	25	11th, 12th, 22nd	54	5th, 30th
5. ENGLAND, S.	London	29° 809	-145	39° 0	34° 9	45° 0	40° 0	+1° 0	26	22nd	56	5th, 30th
	North Foreland	29° 795	-145	41° 4	36° 8	45° 5	41° 2	+1° 7	31	28th	56	5th
	Dungeness	29° 782	-171	40° 8	35° 9	46° 3	41° 1	+1° 0	25	22nd	53	4th, 5th
	Hurst Castle	29° 811	-147	43° 2	40° 0	47° 4	43° 7	+2° 7	31	7th, 21st, 22nd	54	5th
6. SCOTLAND, W.	Ardrossan	29° 657	-163	40° 4	36° 3	43° 5	39° 9	-0° 3	26	21st	51	4th
7. ENGLAND, N.W.	Hawes Junction*	28° 466	?	34° 2	29° 7	38° 9	34° 3	?	22	22nd, 28th	55	5th
	Liverpool	29° 740	-155	39° 3	36° 1	43° 9	40° 0	+0° 4	24	21st	54	5th
	Holyhead	29° 719	-160	42° 0	38° 1	45° 4	41° 8	-1° 0	30	21st	54	4th, 5th
8. ENGLAND, S.W.	Pembroke	29° 749	-167	44° 2	40° 6	47° 1	43° 9	+0° 3	33	21st, 26th, 27th	53	4th, 5th
	Prawle Point	29° 806	-164	44° 7	40° 1	48° 5	44° 3	+1° 7	31	21st, 22nd	53	14th
9. IRELAND, N.	Malin Head	29° 603	-207	41° 2	37° 9	44° 0	41° 0	+1° 3	32	21st, 22nd	51	4th
	Donaghadee	29° 686	-162	40° 7	36° 0	44° 4	40° 2	-0° 8	27	21st	52	4th
	Belmullet	29° 652	-168	42° 2	37° 7	45° 6	41° 7	-2° 1	32	21st, 22nd	52	4th
10. IRELAND, S.	Parsonstown	29° 704	-197	39° 6	34° 6	45° 4	40° 0	+1° 1	21	21st, 22nd	54	29th
	Valencia	29° 713	-192	46° 2	41° 1	50° 5	45° 8	+0° 9	27	19th, 20th	55	29th
	Roche's Point	29° 733	-179	45° 6	40° 7	49° 5	45° 1	+1° 7	30	20th	56	5th
CHANNEL ISLANDS	Scilly	29° 773	-178	49° 5	45° 0	52° 1	48° 6	+2° 1	40	16th, 18th, 20th	55	5th, 14th, 25th
	Jersey	29° 852	-133	47° 5	43° 6	50° 9	47° 3	+4° 0	36	21st, 22nd, 21st	55	26th, 30th, 1st, 5th, 6th, 30th, 31st

* Hawes Junction is 1,135 feet above mean sea level, and the

REPORTING STATIONS in the BRITISH ISLANDS during the Month of DECEMBER 1895.

Thunderstorms, and Gales are counted irrespective of the Hours at which they occurred.

beginning in each case with the Station lying furthest North.)

TENSION OF VAPOUR.	RELATIVE HUMIDITY.	AMOUNT OF CLOUD.	RAINFALL.				WEATHER. No. of Days of							WIND. No. of Observations of									
			Total Fall in the Month.	Difference from Average.	Maximum Fall in One Day.	Date.	Rain.	Snow.	Hail.	Thunderstorms.	Clear Sky.	Overcast.	Gales.	North.	N.E.	East.	S.E.	South.	S.W.	West.	N.W.	Calms.	
in.	%		ins.	ins.	ins.																		
0.208	85	9.5	3.32	-0.93	0.34	4th	29	4	1	0	0	26	7	1	1	3	13	4	1	4	3	1	
*224	93	9.5	5.61	+2.51	1.30	12th	28	2	3	1	0	27	11	2	0	2	7	7	2	4	7	0	
*222	91	7.4	4.97	-0.66	0.86	2nd	19	4	5	2	2	17	8	3	0	0	9	4	3	6	3	3	
*185	85	7.5	2.83	+0.88	0.58	4th	17	3	0	0	1	15	3	1	0	3	3	1	2	8	3	10	
*193	86	7.8	4.31	+1.07	1.31	12th	23	8	2	0	0	14	15	0	1	1	7	4	7	4	7	0	
*201	86	7.9	1.90	+0.04	0.47	30th	16	4	2	0	1	18	3	0	1	7	2	2	6	8	0	5	
*205	88	8.5	1.67	-0.90	0.33	30th	19	3	1	0	1	21	7	1	0	3	5	4	7	3	6	2	
*206	91	7.5	2.29	+0.01	0.41	28th	18	3	0	0	6	20	3	2	1	7	4	5	1	8	3	0	
*218	89	7.6	1.61	-0.53	0.39	14th	15	1	2	0	3	17	9	0	1	6	4	3	4	10	3	0	
*198	85	6.5	1.44	-1.22	0.30	30th	17	2	0	0	3	9	8	1	2	6	3	3	2	10	4	0	
*216	96	6.7	1.49	-0.39	0.40	14th	16	3	0	0	9	20	0	1	2	4	3	3	10	5	3	0	
*198	90	8.2	2.31	+0.07	0.57	12th	14	5	2	0	1	20	6	0	3	4	6	2	3	9	3	1	
*211	92	8.1	2.03	-0.07	0.47	12th	20	4	1	1	3	20	0	2	2	7	1	1	9	9	0	0	
*212	90	7.4	2.24	+0.14	0.36	16th	17	2	2	0	5	19	4	1	4	5	2	2	5	9	2	1	
*227	88	7.1	2.04	?	0.39	28th	17	1	0	0	4	17	6	1	1	5	4	1	4	12	3	0	
*235	93	7.2	2.06	-0.94	0.47	24th	21	1	1	0	0	13	5	3	2	4	4	1	5	9	3	0	
*245	87	8.3	3.09	+0.31	0.42	14th	20	0	1	0	0	19	1	2	5	3	2	3	3	9	4	0	
*232	93	8.9	2.51	-1.22	0.30	4th	18	1	2	1	1	24	6	0	13	2	0	2	5	4	4	1	
*194	98	7.1	5.69	?	1.28	4th	21	7	1	0	0	16	2	1	3	5	4	3	10	4	1	0	
*211	88	8.1	2.42	-0.17	0.35	5th	19	2	2	0	1	19	8	0	0	8	5	2	5	9	2	0	
*233	88	8.0	3.31	-0.51	0.57	12th	20	1	3	0	0	15	14	0	3	7	3	2	9	4	3	0	
*267	92	7.6	2.99	-1.00	0.37	29th	25	0	1	0	1	18	18	1	0	7	5	0	2	7	8	1	
*257	87	8.7	6.71	+2.95	1.04	17th	26	0	1	0	0	20	10	1	3	4	5	0	4	8	6	0	
*221	86	8.9	4.80	?	0.77	15th	24	3	8	0	2	24	14	0	0	3	7	6	5	5	5	0	
*237	93	7.0	3.32	+0.48	0.52	29th	24	3	0	0	0	8	16	0	0	3	8	3	6	10	1	0	
*233	87	7.2	5.33	?	0.60	29th	28	4	3	2	3	17	9	1	1	5	6	1	6	6	5	0	
*219	90	8.2	3.59	+0.55	0.65	12th	26	3	1	0	3	23	0	0	0	5	1	2	2	6	2	13	
*263	85	7.7	5.99	0.00	0.81	23rd	27	0	4	0	3	17	12	1	3	5	3	4	5	6	1	3	
*280	92	7.3	9.01	+4.06	1.80	23rd	23	2	0	0	0	14	10	2	1	3	6	2	3	9	5	0	
*314	89	7.8	5.26	+1.24	0.84	23rd	27	0	2	0	0	8	12	1	2	4	5	1	5	7	6	0	
*276	85	8.0	4.93	+1.11	0.73	26th	26	1	5	0	0	15	9	0	3	3	6	1	3	9	6	0	

Barometer at this station is not reduced for altitude.

TABLE XXIV.

OBSERVATIONS of TEMPERATURE, RAINFALL, and BRIGHT SUNSHINE obtained from the VALUES supplied for use in the WEEKLY WEATHER REPORT, for the Month of DECEMBER 1895.

NAMES OF STATIONS.	AIR TEMPERATURE.								RAINFALL.					BRIGHT SUNSHINE.			
	Means of				Absolute Extremes.				No. of Days.	Total Fall in the Month.	Difference from Average.	Maximum Fall in One Day.	Date.	No. of Hours recorded.	Difference from Average.	Percentage of possible Duration.	Difference from Average.
	Minima.	Maxima.	Min. and Max. combined.	Difference from Average.	Minimum.	Date.	Maximum.	Date.									
STORNOWAY	°	°	°	°	°	*	°	*	*	ins.	ins.	ins.	*	26.9	-0.7	14	°
GLENCARRON	32.1	41.2	36.7	-0.4	24	20th	50	14th	19	7.76	-1.79	1.79	4th	—	—	—	—
FORT AUGUSTUS	32.9	42.6	37.8	+0.1	23	20th, 21st	53	5th	21	5.70	+0.99	1.84	4th	1.7	?	1	?
FORT WILLIAM	35.5	43.4	39.5	+0.3	25	21st	53	5th	22	7.14	-2.02	1.34	2nd	8.5	?	4	?
ABERDEEN	*	*	*	*	*	*	*	*	*	*	*	*	*	30.0	-7.9	15	—
BRAEMAR	29.1	37.9	33.5	-0.7	12	21st	47	5th	22	4.44	+1.46	1.31	16th	16.2	?	8	?
EDINBURGH	—	—	—	—	—	—	—	—	—	—	—	—	—	16.9	?	8	?
OCHTERTYRE	31.2	40.6	35.9	-0.1	18	20th	52	4th	26	5.17	+1.00	0.66	4th	—	—	—	—
MARCHMONT	31.6	+	+	+	24	27th	+	+	21	2.19	-0.96	0.28	29th	20.3	?	10	?
ALNWICK CASTLE	34.5	41.8	38.2	+0.6	28	21st	53	4th	20	2.57	-0.58	0.32	31st	—	—	—	—
DURHAM	32.4	41.8	37.1	+0.3	20	22nd	54	5th	21	1.85	-1.10	0.25	29th	29.8	-11.7	14	-5
SCARBOROUGH	+	+	+	+	+	+	+	+	+	+	+	+	+	—	—	—	—
OSWALDKIRK	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
YORK	*	*	*	*	*	*	*	*	*	*	*	*	*	26.5	?	12	?
HILLINGTON	33.5	42.9	38.2	+1.3	25	22nd	56	5th	19	2.22	-0.21	0.61	14th	17.4	-7.1	8	-3
GELDESTON	33.8	43.9	38.9	+1.1	24	22nd	57	5th	15	1.55	-0.65	0.25	28th	41.6	+4.7	18	+2
CAMBRIDGE	*	*	*	*	*	*	*	*	*	*	*	*	*	41.8	-4.6	18	-2
ROTHAMSTED	33.1	43.6	38.4	+1.0	22	22nd	55	5th	21	2.14	-0.29	0.46	14th	34.7	-4.6	15	-2
BAWTRY	33.1	42.8	38.0	+0.8	23	22nd	55	4th	14	2.46	+0.20	0.40	12th	38.2	?	16	?
WORKSOP	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
STAMFORD (KETTON HALL).	31.8	43.3	37.6	+0.6	18	22nd	57	5th	13	1.58	-0.75	0.35	29th	17.0	-14.9	7	-7
THURCASTON	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
CHEADLE	32.6	41.3	37.0	+0.6	22	22nd	53	5th	19	2.75	-0.38	0.41	14th	33.4	+10.2	15	+5
SOLIHULL	33.0	42.0	37.5	+0.3	24	22nd	54	30th	14	1.93	?	0.53	12th	—	—	—	—
CHURCHSTOKE	33.2	42.8	38.0	+0.3	25	21st, 22nd	53	30th	18	2.79	-0.28	0.60	12th	26.4	-11.1	12	-4
HEREFORD	34.0	43.6	38.8	+0.5	26	11th, 21st	55	5th	20	2.48	+0.12	0.43	12th	—	—	—	—
GIRENCESTER	32.7	43.3	38.0	+0.8	25	11th	54	5th	16	2.50	-0.33	0.52	12th	40.9	+2.3	17	0
OXFORD	*	*	*	*	*	*	*	*	*	*	*	*	*	41.5	+4.1	18	+2
LONDON	*	*	*	*	*	*	*	*	*	*	*	*	*	16.5	-2.9	7	—
MARGATE	—	—	—	—	—	—	—	—	—	—	—	—	—	37.5	?	16	—
STRATHFIELD TURGIS	33.1	44.7	38.9	+1.2	20	11th	56	5th	21	2.28	+0.14	0.38	14th	—	—	—	—
HASTINGS	36.6	45.9	41.3	+1.3	30	22nd	55	5th	16	3.45	+0.51	0.84	24th	44.2	-10.5	18	-5
EASTBOURNE	—	—	—	—	—	—	—	—	—	—	—	—	—	46.1	?	19	?
BRIGHTON	—	—	—	—	—	—	—	—	—	—	—	—	—	42.1	?	18	?
WESTBOURNE (SUSSEX)	—	—	—	—	—	—	—	—	—	—	—	—	—	47.4	?	20	?
SOUTHAMPTON	36.9	46.7	41.8	+2.0	27	11th	56	5th	21	2.53	-0.58	0.58	12th	33.9	-12.4	14	-5
STOWELL	35.4	44.7	40.1	+1.8	28	11th	54	5th, 30th	26	2.69	?	0.33	26th	—	—	—	—
LAUDALE	35.7	§	§	§	32	6th, 7th, 8th, 19th, 20th, 21st.	§	§	20	6.56	-2.78	1.06	4th	—	—	—	—
GLASGOW	34.8	41.8	38.3	+0.4	27	21st	51	5th	18	4.51	+0.47	0.88	4th	13.8	-1.4	7	0
GLENLEE	32.1	41.5	36.8	-0.3	19	21st	51	4th	22	6.98	+0.79	1.88	4th	—	—	—	—
DOUGLAS	36.6	45.3	41.0	-0.1	30	12th, 20th, 21st	54	5th	19	4.05	-0.47	0.59	28th	26.5	-16.9	12	-7
STONYHURST	34.1	41.6	37.9	+0.3	26	20th, 21st	53	5th	18	6.00	+1.40	1.10	4th	19.9	-7.8	9	-3
BLACKPOOL	34.8	44.4	39.6	+0.8	22	21st	53	4th, 5th	17	3.01	-0.19	0.77	12th	5.9	-19.9	3	-9
MANCHESTER (PREST-WICH).	33.3	42.8	38.1	+0.7	24	20th, 21st	52	5th	19	4.59	+1.04	0.85	12th	11.4	?	5	?
MANCHESTER (OLDHAM ROAD).	—	—	—	—	—	—	—	—	—	—	—	—	—	2.8	?	1	?
LLANDUDNO	37.7	45.2	41.5	-0.1	29	21st	54	5th	21	2.33	-0.80	0.32	12th	22.0	-2.7	10	-1
LLANDOVERY	33.5	44.7	39.1	-1.6	21	21st	55	5th	27	4.73	-1.19	0.75	12th	—	—	—	—
PEMBROKE	*	*	*	*	*	*	*	*	*	*	*	*	*	34.1	-12.1	15	-5
BRISTOL (MONTPELIER)	36.6	45.1	40.9	+1.8	29	11th	55	5th	23	2.92	-0.26	0.48	12th	—	—	—	—
TENBY	—	—	—	—	—	—	—	—	—	—	—	—	—	26.3	?	11	?
ARLINGTON	35.3	47.0	41.2	+0.9	25	27th	52	29th, 30th	22	7.67	+1.94	0.95	15th	—	—	—	—
CULLUMPTON	36.3	46.8	41.6	+2.3	28	8th, 21st	55	30th	25	4.59	+1.07	0.82	26th	24.1	-9.8	10	-4
TORQUAY	—	—	—	—	—	—	—	—	—	—	—	—	—	26.4	?	11	?
NEWQUAY	—	—	—	—	—	—	—	—	—	—	—	—	—	32.1	?	13	?
FALMOUTH	42.5	49.7	46.1	+2.0	33	21st	54	5th, 14th, 28th, 29th, 30th.	29	9.86	+4.61	2.33	25th	33.5	-20.5	14	-8
PLYMOUTH	41.1	48.8	45.0	+2.9	32	8th, 21st	54	31st	27	5.76	+1.92	1.41	23rd	27.2	-24.2	11	-10
SCILLY	*	*	*	*	*	*	*	*	*	*	*	*	*	33.1	?	14	?
GUERNSEY	—	—	—	—	—	—	—	—	—	—	—	—	—	19.0	?	8	?
JERSEY	*	*	*	*	*	*	*	*	*	*	*	*	*	31.1	-26.0	13	-10
LONDONDERBY	34.4	42.9	38.7	-0.6	23	21st	53	5th	23	4.60	+0.65	0.59	12th	—	—	—	—
EDENFEL (OMAGH)	33.2	43.3	38.3	+0.6	19	21st	50	14th, 29th, 30th	21	5.16	+1.62	0.73	29th	—	—	—	—
MAKREE CASTLE	34.8	43.9	39.4	+0.8	24	19th	54	14th	26	4.66	+1.19	0.52	6th	27.5	-8.9	12	-4
BROOKEBOROUGH	33.7	43.1	38.4	+1.2	20	21st	54	14th	23	5.02	+0.95	0.79	22nd	—	—	—	—
ARMAGH	34.4	42.9	38.7	+0.8	21	21st	53	5th, 14th	24	3.41	+0.61	0.68	22nd	25.7	-9.6	12	-4
EDGEWORTHSTOWN	33.0	43.7	38.4	+0.5	21	21st	53	30th	24	4.01	+0.79	0.62	15th	—	—	—	—
ARLEY COTTAGE (COUNTY CAVAN).	—	—	—	—	—	—	—	—	—	—	—	—	—	30.0	?	13	?
DUBLIN	37.3	45.9	41.6	+0.8	25	21st	56	30th	27	3.94	+1.55	0.86	24th	43.9	-5.0	19	-2
PARSONSTOWN	*	*	*	*	*	*	*	*	*	*	*	*	*	39.6	-4.8	17	-2
KILKENNY CASTLE	34.6	45.9	40.3	+0.4	22	22nd	56	30th	24	4.75	+1.58	0.80	23rd	—	—	—	—
VALENCIA (CAHIR-CIVEN).	*	*	*	*	*	*	*	*	*	*	*	*	*	45.7	+0.6	20	+1
KILLARNEY	38.6	49.2	43.9	+1.6	23	19th, 20th	58	4th, 5th	26	9.36	?	1.85	23rd	—	—	—	—
FOYNES	38.3	46.9	42.6	+1.9	26	19th, 20th	55	28th, 29th	27	5.04	?	0.71	23rd	—	—	—	—

* For information, see Table XXIII.

† Thermometer out of order during a portion of the month.

‡ Observations incomplete.

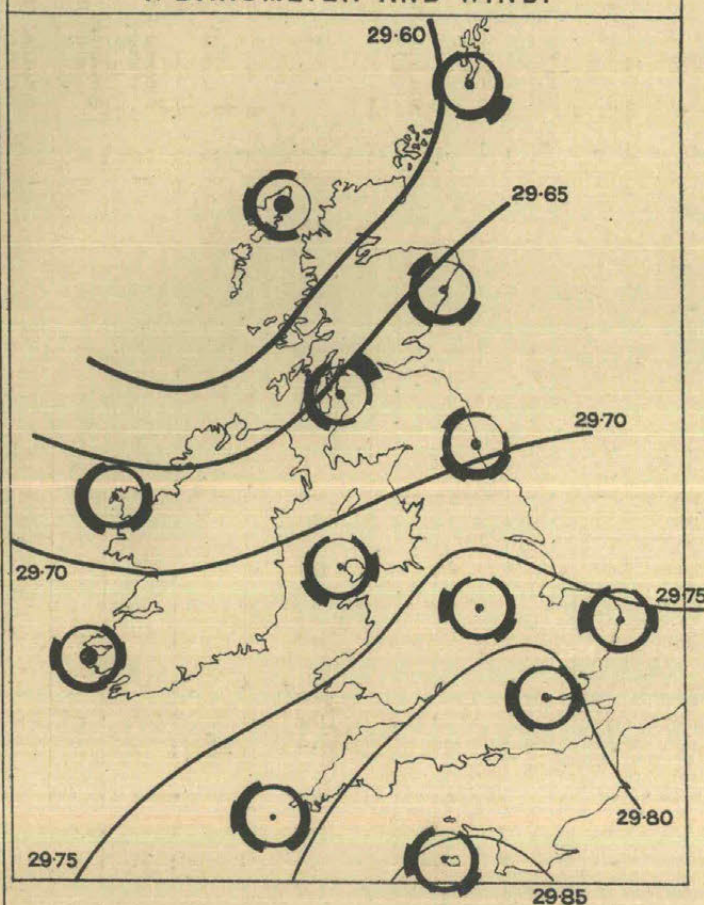
§ Observations unreliable.

MONTHLY WEATHER CHART, DECEMBER, 1895.

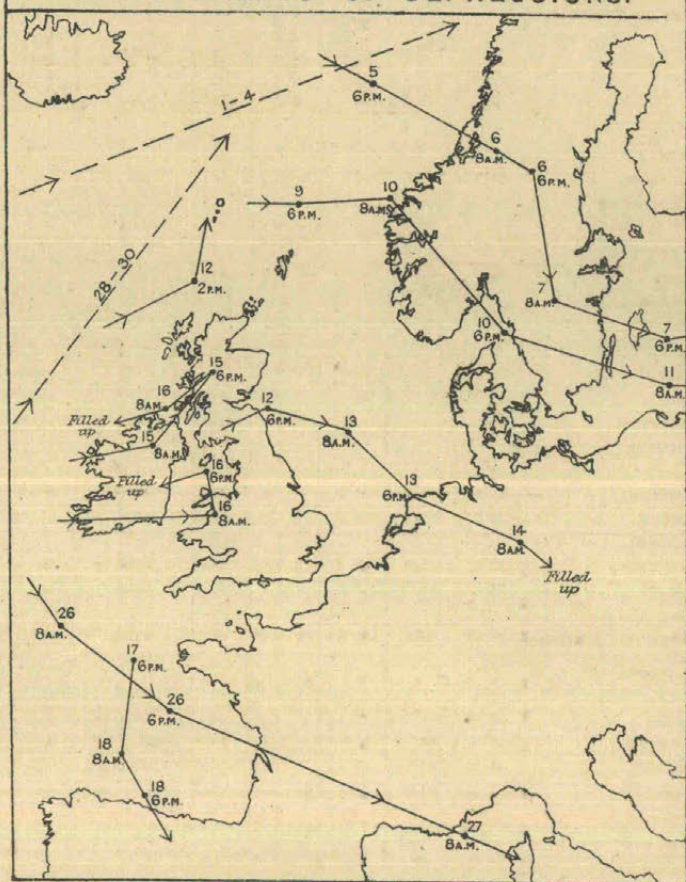
Monthly Summary.

Plate XII.

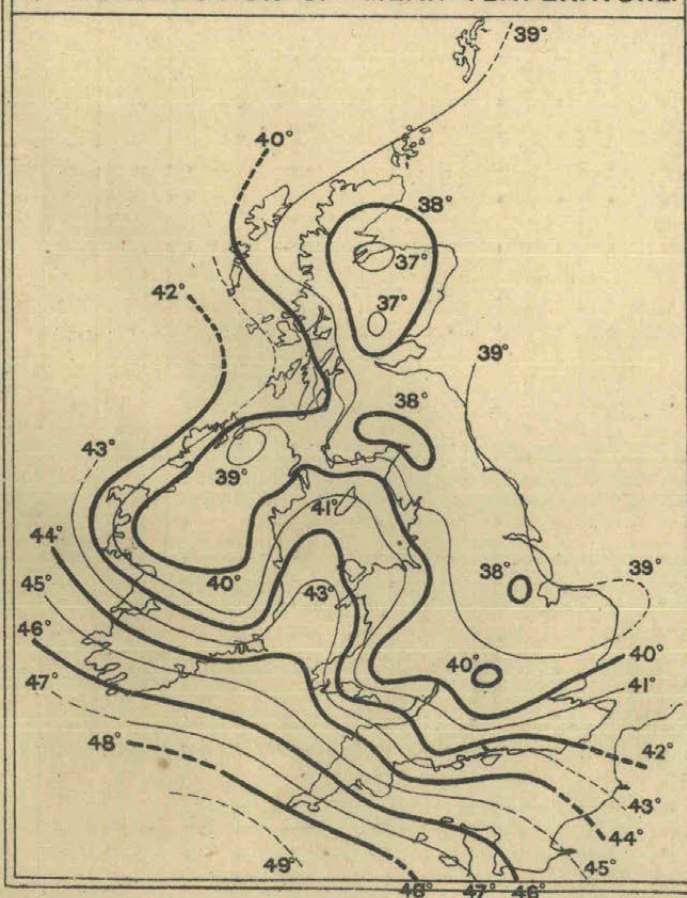
1. BAROMETER AND WIND.



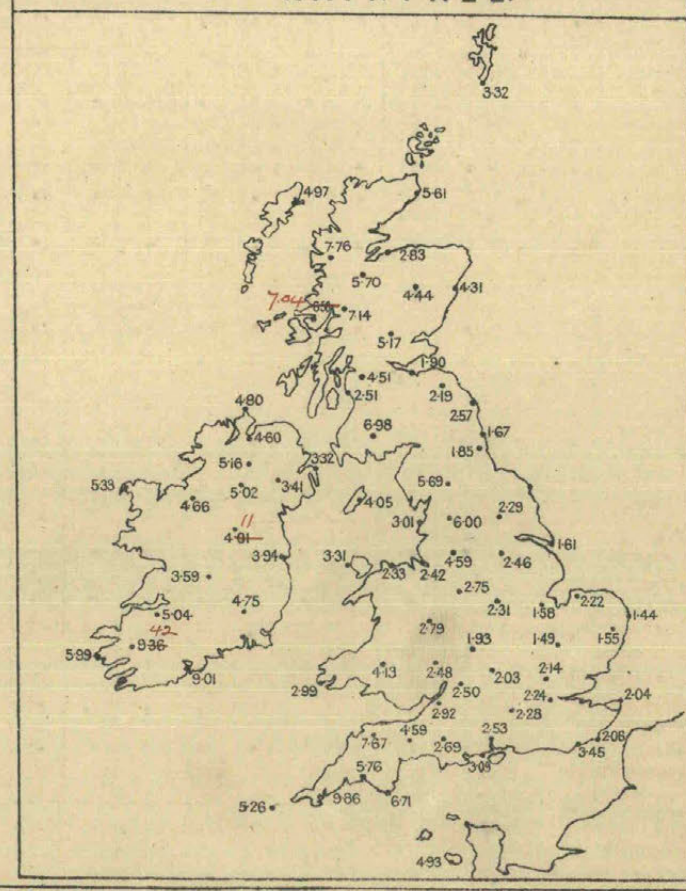
2. MOVEMENTS OF DEPRESSIONS.



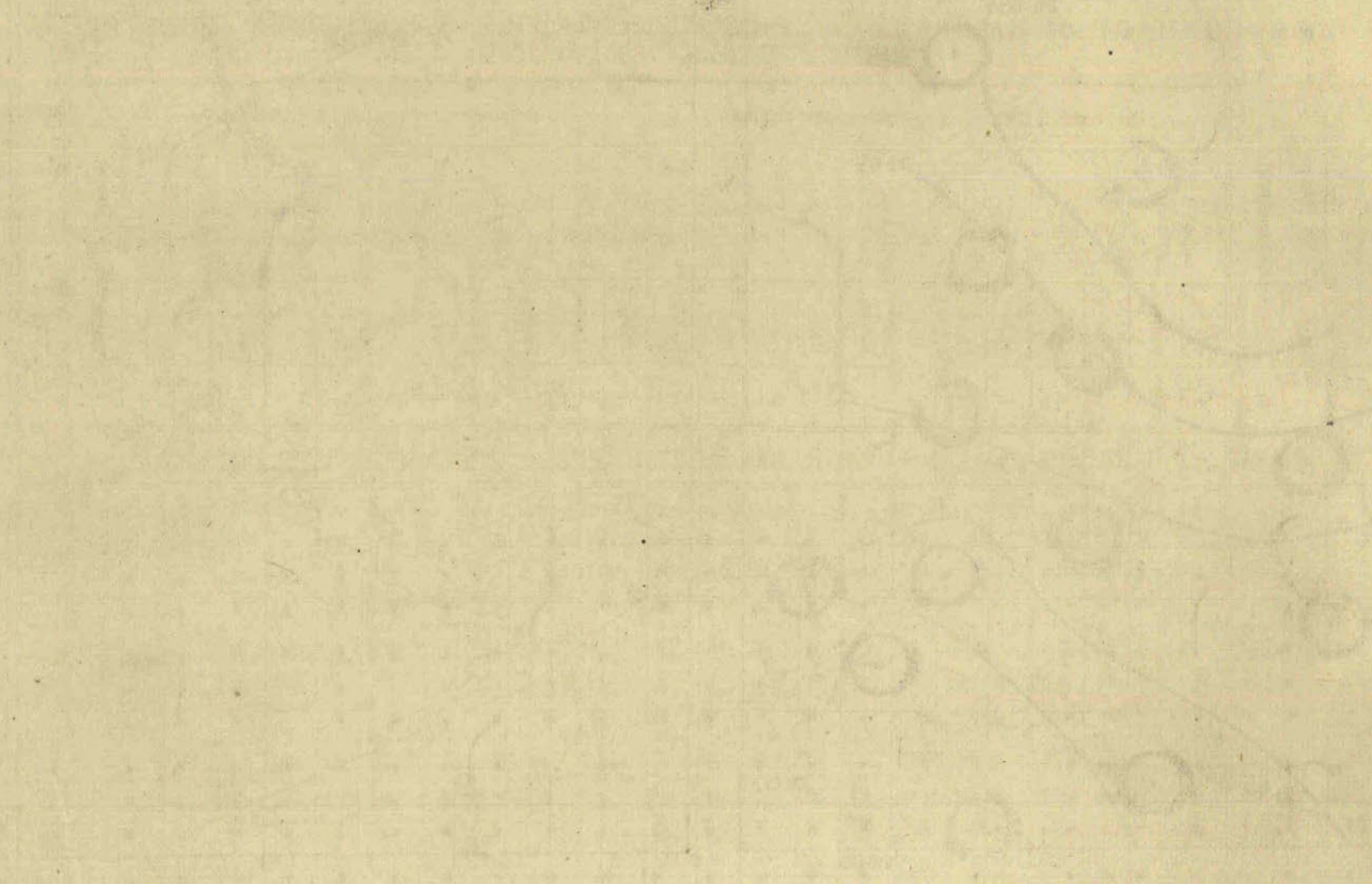
3. DISTRIBUTION OF MEAN TEMPERATURE.



4 RAINFALL.



STATION: [illegible] DATE: [illegible]



TIME: [illegible] MONTH: [illegible]

