

Results of Meteorological Observations, for the week ending Saturday, December 4th, 1869.

NAMES OF STATIONS AND OBSERVERS.	BAROMETER. Reduced to 32 deg. F. & mean sea lev.		MEAN TEMPERA- TURE.		Mean degree of Humidity (est. 100)	SELF-REGISTERING THERMOMETERS.										WIND.										RAIN.		
	Mean.	Range.	Of Air in Shade.	Of Evaporation.		Of Dew-point.	Maximum.	Minimum.	Range.	Mean of all Meridians.	Mean of all Miles.	Black bulb Maxim. in Sun.	Minimum ex- posed on grass.	Mean amount of Clouds (0-10).	Mean amount of Ozone (0-10).	Number of days it blew in certain directions.										Mean Force 0-12.	Number of days it fell.	Amount in inches.
																N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm, etc.				
BATH	29.933	0.730	34.9	32.6	31.5	87	32.0	28.0	30.0	39.3	31.9	95.0	..	4.7	2.0	0.3	2.7	..	..	0.4	..	0.3	1.3	..	4.5*	3	0.64	
Dr. Barter, F.M.S.																												
BOURNMOUTH	29.949	0.600	36.1	34.4	38.9	85	50.5	24.9	25.6	40.4	33.3	76.0	34.3	4.0	4.0	3.7	1.3	..	..	..	0.7	0.3	1	..	2.3	3	0.50	
Dr. Compton, F.M.S.																												
DOVER	29.818	0.787	36.8	35.3	33.8	87	54.2	21.8	32.4	42.1	26.1	..	..	6.1	..	2.7	1.3	0.3	0.7	..	0.3	1	1.7	..	4.7	4	1.74	
Dr. Parsons.																												
DUBLIN	30.015	0.812	37.3	35.7	33.5	86	42.8	28.3	15.5	40.5	33.9	..	24.0	5.1	..	1	0.3	0.6	1.4	0.2	0.2	1.1	1.6	0.6	2.6	5	0.68	
Dr. J. W. Moore.																												
Kew	29.918	0.747	35.2	34.3	32.7	90	47.7	26.1	41.6	38.7	33.2	74.1	20.7	5.6	2.3	3	1.7	0.3	..	..	0.3	0.3	1	0.3	3.2	4	0.76	
Dr. Treutler, F.L.S., etc.																												
LLANDUDNO	29.962	0.780	37.5	34.5	30.3	76	47.3	26.3	41.0	41.1	34.1	..	..	5.2	..	0.7	3.3	..	0.7	..	0.7	0.7	1	..	2.6	2	0.24	
Dr. Nicol and Dalton.																												
MALVERN	29.954	0.750	34.5	32.8	30.0	83	42.0	26.0	21.0	37.4	30.8	88.0	21.2	5.0	4.6	1.3	0.7	0.3	..	..	0.7	..	3.3	0.7	4.0*	3	0.48	
Messrs. W. and J. Burrow.																												
NORWICH (BETHEL STREET)	29.860	0.600	35.5	34.7	33.5	91	45.0	26.0	19.0	39.6	31.2	..	28.0	..	0	..	..	1	..	..	1.5	0.5	4	..	12*	3	1.16	
C. M. Gibson, Esq.																												
SCARBOROUGH	29.912	0.440	36.5	35.0	32.9	87	42.5	29.9	18.6	39.7	32.9	..	..	6.3	2.3	1.3	1	1	..	0.3	0.3	1.3	1	0.3	3.8	4	1.37	
Dr. Fox, M.R.C.P.																												
SIDMOUTH	29.940	0.638	37.3	35.5	33.0	84	55.0	24.5	31.5	42.8	32.3	..	..	4.4	3	4	1	2	..	..	..	..	..	..	1.4	4	1.05	
Dr. Mackenzie, F.M.S.																												
VENTNOR, I. OF WIGHT	29.855	0.516	39.0	37.2	34.8	86	51.8	27.0	24.8	42.1	35.2	..	..	5	5.6	1	3.7	..	..	0.3	0.3	..	1.7	..	4.7	3	0.30	
J. B. Martin, Esq., M.R.C.S.E.																												
WORTHING	29.880	0.393	36.2	34.5	32.0	85	52.0	27.3	24.7	41.9	32.7	76.7	22.4	4.4	1.9	3	0.7	0.3	..	0.3	..	0.7	1.3	0.7	2.3	3	0.31	
W. J. Harris, Esq., M.R.C.S.E.																												

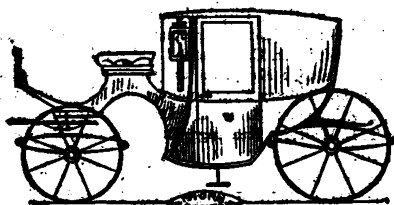
* Mean hourly velocity in miles.

REMARKS.—The mean pressure of the atmosphere during the week has been higher than during the week before—owing chiefly to the very considerable height the barometer attained towards the end of the week. Its range, however, has been more limited, and has extended over the whole week, the lowest reading occurring at most stations on the first day of the week, and the highest on the last. Temperature has undergone a very considerable reduction, all the minima having been below 30 degs., and the mean nowhere attaining to 40 degs. Fahr. The range has been very variable—considerable at some stations: Sidmouth and Bath, and comparatively low at others: Scarborough and Dublin. The degree of humidity, though still high, has been lower than during the preceding week. Winds have been very variable in their direction at some stations, as Dublin and Scarborough, and more steady at others, as Sidmouth and Norwich; N. and N.W. appear to have been the most frequent directions; while their mean force has on the whole been moderate. The amount of clouds has been somewhat less, and ozone has also slightly diminished. Rain has fallen at all stations, and in variable quantities; the greatest fall occurred at Dover. The week commenced with fair and comparatively mild weather; but with the setting in of a Polar wind of some force temperature declined rapidly and considerably, and frosts of considerable severity occurred throughout the country. At the same time snow and hail showers have been frequent at all stations, especially on the 3d and 4th, though in no case of any magnitude. Fogs occurred at Scarborough on the 28th November, and at Norwich on the 30th. An *aerona borealis* was observed on the 30th at Dublin. At Worthing no fresh cases of scarlatina have occurred during the week, and the general state of the public health is stated to be much improved;—the mean amount of ozone at this station for last week, which was omitted, was 1.2. In Dublin scarlatina caused 18 deaths during the week ending November 27th, being an increase of 6 deaths on the previous week, and bronchitis caused 34 deaths. In Kew and the neighbourhood pulmonary disorders, especially in young children, are frequent. Otherwise, the general health continues good.

Kew, December 8th, 1869.

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OF THE
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January 1st, 1870.

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