Meteorological tables

Mr. Cary

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Meteorological Journal kept at Walthamstow, Essex, from February 15 to March 15, 1818.

[Usually between the Hours of Seven and Nine A.M. and the Thermometer (a second time) between Noon and Two P.M.]

Date. Therm. Barom. Wind.

February

15	29	29·87	E.—White frost, and very clear; very fine day; cloudy; afterwards rain.
	40		
16	42	29·87	E.—S.—Clear, fine-coloured <i>cirrostratus</i> ; at eight, hazy; fine day; star- and moon-light.
	51		
17	41	29·98	SE.—Gray morn; very fine day; <i>cirrostratus</i> and clear; clear night and windy.
	51		
18	44	29·98	S.—Cloudy early; small rain after 9 A.M.; showers, and wind; rainy evening, and very windy.
	51		
19	40	30·00	SW.—Clear high; hazy low; sun and <i>cirrostratus</i> ; very fine day till after 3 P.M.; stormy, wind and rain.
	53		
20	31	30·00	W by S—SW.—White frost; showers and sun; star-light; some slight showers.
	43		
21	43	29·78	SW.—Cloudy, and windy; sun and wind; great showers and sun; cloudy. Full moon.
	47		
22	39	29·33	SW—N.—Cloudy; rain and <i>stratus</i> ; at noon snowing; at 10 P.M. <i>deep</i> snow; still snowing; after 11 snow ceased.
	39		
23	30	29·76	NW.—Beautiful sun-rise; clear; deep snow five inches thick; fine sun at noon; rapid thaw; lumps of ice and snow fell from the trees; fine sun and wind; rainy evening.
	40		
24	35	29·50	W.—Clear, and wind; some snow still remains; very fine day; sun, and wind; night dark, and rainy and windy.
	42		
25	48	29·54	NW.—Windy, and <i>cirrostratus</i> ; very fine day; night dark and windy.
	53		
26	39	29·40	NW.—Showers and wind; after 9 A.M. a great snow shower; 1 P.M. sun and wind; 2½ P.M. great hail-storm; bright star-light.
	41		
27	36	29·50	S.—Very rainy and calm; rain ceased at noon; showers, and sun after; stars and windy. Moon last quarter.
	48		
28	37	29·60	W.—Clear, and <i>cirrostratus</i> , and wind; a cloudy windy day; rainy night.
	48		

March

Date. Therm. Barom. Wind.

March

1	38 47	29-50	W.—Clear and wind; showers, sun, great wind; great storms; bright star-light night.
2	35 48	29-60	SW.—Clear, and <i>cirrocumuli</i> ; hazy after 8 A.M. and soon after rainy; some sun after 4 P.M.; star-light.
3	34 52	29-71	SW—S.—Clear high; hazy low; very fine day; some slight rain; night dark and windy.
4	34 47	29-27	SW.—Clear high; hazy low; very fine day; night violently stormy; wind and rain; lightning about midnight; then stars appeared, and <i>aurora borealis</i> .
5	42 42	29-90	SW.—Some wind; clear high, and hazy low; great shower at 10 A.M.; sun and shower; fine after 1 P.M.; star-light.
6	39 47	29-20	SW.—Clear high; hazy low; showers, sun, and wind; star-light. New moon.
7	41 45	29-30	S.—Rainy morn; very rainy day; stormy and windy; evening great showers, and stars alternate; bright star-light at 1 A.M.; very clear.
8	39 48	28-90	SW—NW.—Clear, and <i>cirrus</i> ; and wind; showers and sun; the showers <i>not</i> violent; a dark night.
9	33 44	29-34	NW.—Clear, and <i>cirrostratus</i> , and sun; fine day; sun, and <i>cumuli</i> ; snowing and windy.
10	50	29-30	SW.— <i>Cirrostratus</i> , clear and windy; <i>cumuli</i> , and clear; clear moon- and star-light.
11	35 46	29-40	W.—Clear and windy; windy, clear and <i>cumuli</i> ; fine day; calm at 5 P.M.; night windy again; rain and snow.
12	33 47	28-80	W.—Snow on ground and trees; clear and windy; wind and <i>cumuli</i> ; storms after 4 P.M.; 10 P.M. <i>cumuli</i> , moon- and stars.
13	33 43	29-55	N.— <i>Cirrostratus</i> ; orange sun-rise; calm; showers, sun and wind; clear star-light. Moon first quarter.
14	36 47	29-80	W.S.—White frost; clear above; hazy low; fine day; some rain after 3 P.M.; cloudy night; some stars.
15	42 47	29-50	SE.—Windy, and cloudy; gray day; night rainy and windy,

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{The time of observation, unless otherwise stated, is at 1 P.M.}

1818	Age of the Moon	Thermo- meter.	Baro- meter.	State of the Weather and Modification of the Clouds.
	DAYS.			
Feb. 16	11	43°	30·01	Cloudy
17	12	51°	30·07	Ditto
18	13	50°	29·92	Rain
19	14	47·5	29·99	Very fine
20	15	42·5	30·03	Cloudy
21	full	45°	29·44	Ditto
22	17	43°	29·30	Ditto
23	18	44°	29·83	Very fine—rain in the evening.
24	19	43°	29·86	Cloudy
25	20	47°	29·57	Ditto
26	21	43°	29·65	Very fine
27	22	49°	29·35	Cloudy—snow A.M.
28	23	45°	29·65	Ditto
Mar. 1	24	47°	29·10	Stormy
2	25	48°	29·64	Fine
3	26	47°	29·69	Cloudy
4	27	45°	29·41	Fine—a hurricane at night [P.M.
5	28	31½	28·91	Rain and hail—heavy fall of snow
6	29	49°	29·37	Fine—sharp frost with snow at
7	new	47°	28·90	Rain [night
8	1	47°	29·03	Fine—frost
9	2	41·5	29·40	Ditto ditto—with snow at night
10	3	39°	29·35	Ditto ditto ditto
11	4	42°	29·55	Ditto ditto at night
12	5	41°	28·94	Cloudy—heavy fall of snow A.M. [and frost at night
13	6	40°	29·66	Ditto—frost at night
14	7	44°	29·91	Ditto

The first twelve days in March have been exceedingly tempestuous.
Wind S.E.—E.S.E.—N.W and N.N.W.

METEORO-

METEOROLOGICAL TABLE,
 BY MR. CARY, OF THE STRAND,
 For March, 1818.

Days of Month.	Thermometer.			Height of the Barom. Inches.	Degrees of Dryness by Leslie's Hygrometer.	Weather.
	8 o'Clock, Morning.	Noon.	11 o'Clock, Night.			
Feb. 27	40	50	40	29.25	0	Showery
28	40	47	43	.51	24	Cloudy
Mar. 1	40	52	44	.52	21	Showery
2	40	48	46	.49	20	Stormy
3	42	52	44	.50	22	Fair
4	36	51	46	.20	20	Cloudy in the evening the Bar. fell to 28.55, and a violent storm succeeded
5	44	52	39	28.92	27	Fair
6	40	51	38	29.40	30	Fair
7	44	49	39	28.72	0	Stormy
8	42	46	38	29.00	0	Showery
9	37	45	33	.36	30	Fair
10	33	42	32	.25	0	Showers of sleet
11	36	48	38	.40	28	Cloudy
12	34	47	37	28.85	22	Fair, a storm in the night
13	36	50	40	29.49	27	Fair
14	36	49	40	.80	24	Cloudy
15	37	51	44	.35	20	Cloudy
16	39	47	41	.60	0	Showery
17	47	52	44	.82	26	Cloudy
18	45	54	47	.98	25	Cloudy
19	47	53	47	.88	27	Cloudy
20	47	54	39	.75	33	Fair
21	40	50	41	.85	19	Showery
22	40	47	49	.60	0	Stormy
23	47	50	40	.40	0	Stormy
24	40	49	38	.65	14	Hail storms
25	42	50	40	.51	22	Stormy
26	40	43	38	.15	0	Rain

N.B. The Barometer's height is taken at one o'clock.