

## **A meteorological journal of the year 1799, kept in London / by William Bent.**

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METEOROLOGICAL JOURNAL

OF THE YEAR 1799,

6<sup>d</sup>

KEPT IN LONDON,

By WILLIAM BENT.

TO WHICH ARE ADDED,

REMARKS ON THE STATE OF THE AIR, VEGETATION, &c.

AND

OBSERVATIONS ON THE DISEASES,

IN THE

CITY AND ITS VICINITY.

L O N D O N:

PRINTED FOR W. BENT, PATERNOSTER ROW.

HYPERBOLOICAL VERBAL

OF THE YEAR 1880

BY H. W. H. H.

BY WILLIAM B. H.

TO WHICH ARE ADDED

REMARKS ON THE STATE OF THE AIR

AND

ON THE STATE OF THE AIR

ON THE STATE OF THE AIR

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ON THE STATE OF THE AIR

## E X P L A N A T I O N.

THE Journal is kept on the south side, and near the middle of Pater-noster row, which is 51 feet higher than the bed of the river Thames. The instruments used are, a perpendicular Barometer with an open cistern, two Fahrenheit's Thermometers, and a De Luc's Hygrometer. The Journal of each month is divided into nine columns, which contain as follow :

1. The Day of the month, with the letter N or F affixed to that on which the moon is new or full.

2. The Hour of observation, morning and afternoon.

3. The height of the Barometer, in inches and 100 parts: it is placed in a room on the ground floor.

4. The degrees of the Thermometer, hung out at a window, up one pair of stairs, facing the north. This instrument when exposed three stories higher, in frosty weather, sinks from 2 to 3 degrees.

5. The degrees of the Thermometer, placed in a passage at the bottom of a staircase, where there is no fire-place.

6. The degrees of the Hygrometer, hung close to an outward door that is constantly open in the daytime.

7. The degrees of Cloudiness; the sun being frequently obscured with 3, and seldom visible with 4; but when *b* is inserted, the atmosphere is so hazy above, and when *f*, so foggy below, that no distinction of clouds is perceptible.

8. The point and force of the Wind; 3 being rather brisk, and 4 blowing strong.

9. Further observations and intermediate alterations of the Weather; in which the period [.] and colon [:] are used to denote a space of time between any change, the latter being a distinction for midday and midnight.

\*.\* The Remarks on Vegetation are obtained from a neighbouring village; the quantity of Rain from the vicinity of Temple-bar; and the Observations on Diseases from a medical friend in the city.

## METEOROLOGICAL JOURNAL, January.

| D. | H. | Baro. | T. out | T. in | H. | C. | Wind. | Weather, &c.                                       |
|----|----|-------|--------|-------|----|----|-------|----------------------------------------------------|
| 1  | 8  | 30,38 | 33     | 40    | 61 | h  | E O   | . foggy                                            |
|    | 2  | 30,40 | 34,5   | 40,5  | 62 | h  | E I   |                                                    |
| 2  | 8  | 30,50 | 33,5   | 40,5  | 60 | f  | E I   |                                                    |
|    | 2  | 30,51 | 34     | 41    | 60 | h  | E I   |                                                    |
| 3  | 8  | 30,49 | 30     | 40    | 64 | f  | ENE I |                                                    |
|    | 2  | 30,43 | 34     | 40    | 62 | f  | ENE I |                                                    |
| 4  | 8  | 30,42 | 32,5   | 40,5  | 62 | h  | NE I  |                                                    |
|    | 2  | 30,39 | 35     | 41,5  | 62 | 5  | NNE I |                                                    |
| 5  | 8  | 30,38 | 33     | 40,5  | 63 | f  | E I   |                                                    |
|    | 2  | 30,30 | 34     | 41    | 62 | f  | E I   |                                                    |
| 6  | 8  | 30,28 | 30     | 40    | 62 | f  | W I   | little fleet, fine                                 |
| N  | 2  | 30,23 | 37     | 41    | 60 | 1  | NW I  | hazy, clear night                                  |
| 7  | 8  | 30,22 | 28     | 40    | 59 | 3  | NW I  | foggy                                              |
|    | 2  | 30,15 | 35,5   | 42    | 62 | 4  | WNW I | foggy, fleet at night, drizzling                   |
| 8  | 8  | 30,04 | 37     | 43,5  | 66 | f  | W O   | . little wet at times                              |
|    | 2  | 30,11 | 39,5   | 44    | 65 | f  | W O   | drizzling, fair night: fine                        |
| 9  | 8  | 30,35 | 34,5   | 42    | 64 | 1  | N I   | hazy, foggy                                        |
|    | 2  | 30,35 | 35,5   | 44    | 67 | f  | N I   | . thick upward at night                            |
| 10 | 8  | 30,29 | 33,5   | 40    | 65 | 2  | N O   | foggy                                              |
|    | 2  | 30,27 | 38,5   | 43,5  | 67 | 4  | W I   | little fog, less cloudy, drizzling night           |
| 11 | 8  | 30,19 | 39,5   | 45    | 70 | f  | S O   | . not cloudy and wind w                            |
|    | 2  | 30,21 | 42     | 46    | 67 | 3  | W I   | foggy, more fog at night                           |
| 12 | 8  | 30,29 | 31     | 41    | 64 | f  | SW O  | very foggy                                         |
|    | 2  | 30,27 | 32,5   | 43,5  | 66 | f  | SW O  | . thick upward at night                            |
| 13 | 8  | 30,26 | 36     | 43    | 65 | h  | WSW I | . not cloudy: thick upward                         |
|    | 2  | 30,23 | 40,5   | 46    | 62 | h  | SW I  |                                                    |
| 14 | 8  | 30,28 | 37     | 43    | 62 | h  | SW I  | . not cloudy                                       |
|    | 2  | 30,32 | 41,5   | 45,5  | 62 | 4  | SW I  | foggy, no fog at night                             |
| 15 | 8  | 30,39 | 40     | 46,5  | 62 | 4  | S I   | . fine                                             |
|    | 2  | 30,36 | 44     | 47    | 58 | 2  | S I   | . cloudless eve, foggy                             |
| 16 | 8  | 30,26 | 33     | 44    | 62 | f  | SSW I | . fine                                             |
|    | 2  | 30,21 | 39     | 46    | 60 | 2  | S I   | little fog                                         |
| 17 | 8  | 30,19 | 33,5   | 44,5  | 59 | f  | SSE I | . not cloudy                                       |
|    | 2  | 30,17 | 36     | 44    | 58 | 2  | SSE I | hazy                                               |
| 18 | 8  | 29,99 | 34     | 43    | 57 | 2  | SSE I | . thick upward and little rain                     |
|    | 2  | 29,96 | 43     | 46    | 65 | 5  | S 2   | . gentle rain at night                             |
| 19 | 8  | 30,03 | 42,5   | 47,5  | 65 | f  | S 2   | . cloudy: fine                                     |
|    | 2  | 30,03 | 42,5   | 48,5  | 64 | 3  | S 2   | . cloudless eve                                    |
| 20 | 8  | 29,89 | 40     | 46    | 61 | 2  | S 2   | . little wet, fine                                 |
|    | 2  | 29,83 | 44     | 48    | 57 | 3  | S 2   | . cloudy eve, rain at times                        |
| 21 | 8  | 29,69 | 44     | 48    | 66 | 5  | S 2   | . gentle rain                                      |
| F  | 2  | 29,68 | 45,5   | 49    | 67 | 5  | SSW I | . fine, cloudless night: little rain               |
| 22 | 8  | 29,85 | 40     | 46,5  | 61 | h  | SSW I | . not cloudy                                       |
|    | 2  | 29,81 | 45,5   | 49    | 62 | h  | SSW 2 | not cloudy, rainy night: windy, less wind          |
| 23 | 8  | 29,34 | 42,5   | 49    | 62 | 5  | SW 3  | . fine, rain at times                              |
|    | 2  | 29,34 | 44,5   | 49,5  | 60 | 3  | SW 2  | . cloudy and little rain, windy night: less [wind] |
| 24 | 8  | 29,58 | 37,5   | 47    | 59 | 2  | WSW 2 |                                                    |
|    | 2  | 29,61 | 44     | 49,5  | 58 | 2  | WSW 2 | . little rain, fine eve                            |
| 25 | 8  | 29,72 | 39     | 49,5  | 59 | f  | W O   |                                                    |
|    | 2  | 29,72 | 43,5   | 49,5  | 61 | f  | WNW I | . fine, cloudless foggy night                      |
| 26 | 8  | 29,89 | 39     | 48    | 59 | 2  | W I   | little fog                                         |
|    | 2  | 29,96 | 45     | 49    | 57 | 3  | WNW 2 | : much rain                                        |
| 27 | 8  | 29,59 | 41,5   | 48    | 63 | h  | S I   | gentle rain at times                               |
|    | 2  | 29,44 | 50,5   | 50,5  | 64 | h  | W I   | . chiefly drizzling: snow                          |
| 28 | 8  | 29,56 | 34     | 48    | 56 | h  | NNW I | . fine                                             |
|    | 2  | 29,71 | 31,5   | 47,5  | 53 | 1  | NW I  | little fog                                         |
| 29 | 8  | 29,77 | 28,5   | 45    | 56 | 1  | W I   | hazy                                               |
|    | 2  | 29,72 | 35,5   | 45    | 56 | 3  | W I   | hazy, cloudy night: much snow                      |
| 30 | 8  | 29,43 | 31,5   | 43,5  | 59 | f  | NE I  | . fine                                             |
|    | 2  | 29,53 | 33     | 44    | 54 | 1  | NNE I | hazy                                               |
| 31 | 8  | 29,59 | 26     | 41    | 59 | f  | ENE I | . more wind and much snow                          |
|    | 2  | 29,30 | 29,5   | 41    | 61 | h  | E 3   | much snow, less wind at night and chiefly fair     |

REMARKS *on the State of the AIR, VEGETATION, &c. in January.*

8. THE frost which commenced on the 24th of December continued till last night, when fleet changed to small rain.—9. Brocoli entirely destroyed by the late frost, and all other kinds of cabbages injured in some degree, except borecole or curled colewort.—31. The coldest day of this month, accompanied with a great fall of snow and a brisk east wind.

Rain 1 inch 2 hundredths.

OBSERVATIONS *on the DISEASES in January.*

ASTHMATIC and consumptive complaints continued to prove very fatal, and the mortality among those much advanced in years was great. Small-pox still continued to decline; and from the bills of mortality it appears that fewer deaths have happened from this disease in the present month, than in any month since May last, the whole amounting to 190. Measles likewise have been very favorable; croup has now and then occurred; and toward the end of the month scarlet fever was met with in some districts, where it seemed likely to prevail. The burials from the 1st to the 29th were 1840.

## METEOROLOGICAL JOURNAL, February.

| D. | H. | Baro. | T. out | T. in | H. | C. | Wind. | Weather, &c.                                    |
|----|----|-------|--------|-------|----|----|-------|-------------------------------------------------|
| 1  | 8  | 29,30 | 31,5   | 41    | 67 | h  | E I   | little snow at times : small hail               |
|    | 2  | 29,28 | 34     | 42    | 70 | h  | E I   | chiefly gentle rain or sleet : fair             |
| 2  | 8  | 29,15 | 31     | 41    | 63 | h  | E I   | . much snow                                     |
|    | 2  | 29,19 | 33,5   | 42    | 64 | h  | E I   | gentle snow. more wind NW and clear night       |
| 3  | 8  | 29,54 | 24     | 40    | 59 | o  | NW 3  |                                                 |
|    | 2  | 29,56 | 28     | 41    | 56 | o  | WNW 2 | : thick upward                                  |
| 4  | 8  | 29,58 | 24,5   | 38    | 60 | h  | NW 1  | . not cloudy. little snow                       |
| N  | 2  | 29,60 | 30,5   | 38,5  | 60 | 3  | NW 1  | . clear night                                   |
| 5  | 8  | 29,61 | 28     | 37,5  | 62 | f  | N 1   |                                                 |
|    | 2  | 29,61 | 32     | 39    | 63 | h  | ENE 1 | . more wind at eve : less wind                  |
| 6  | 8  | 29,67 | 27,5   | 37    | 59 | h  | ENE 1 |                                                 |
|    | 2  | 29,74 | 31     | 37,5  | 60 | h  | ENE 2 |                                                 |
| 7  | 8  | 29,90 | 27     | 36,5  | 60 | f  | ENE 1 | . chiefly gentle snow                           |
|    | 2  | 29,97 | 30     | 37    | 60 | h  | ENE 1 |                                                 |
| 8  | 8  | 30,12 | 26,5   | 36,5  | 58 | f  | ENE 1 | . wind ESE                                      |
|    | 2  | 30,16 | 29     | 37    | 59 | h  | ESE 1 | : windy. snow and hail and less wind            |
| 9  | 8  | 29,87 | 31     | 37    | 69 | f  | SE 0  | . wind S and not cloudy                         |
|    | 2  | 29,91 | 40     | 38,5  | 67 | I  | WSW 1 | . clear frosty night                            |
| 10 | 8  | 30,29 | 35,5   | 38,5  | 66 | 2  | W 1   | . thick upward                                  |
|    | 2  | 30,29 | 40     | 41,5  | 64 | h  | W 1   | . much rain at night and windy                  |
| 11 | 8  | 29,24 | 41,5   | 42    | 63 | h  | SW 2  | . not cloudy. cloudy : gentle rain              |
|    | 2  | 29,26 | 39,5   | 43    | 64 | h  | S 1   | . rain, little snow at night. very windy. clear |
| 12 | 8  | 29,82 | 32,5   | 41,5  | 58 | o  | N 3   | [and less wind                                  |
|    | 2  | 30,02 | 36     | 44    | 57 | I  | N 2   | . cloudy night and some snow                    |
| 13 | 8  | 29,87 | 34,5   | 41,5  | 63 | f  | S 1   | little wet                                      |
|    | 2  | 29,87 | 40     | 43,5  | 62 | f  | W 1   | . fine. cloudless night                         |
| 14 | 8  | 29,97 | 35     | 43    | 60 | o  | W 1   | hazy                                            |
|    | 2  | 29,92 | 42,5   | 44,5  | 59 | 4  | WSW 1 | hazy: gentle rain and more wind                 |
| 15 | 8  | 29,57 | 44     | 46    | 64 | I  | WSW 2 |                                                 |
|    | 2  | 29,52 | 49     | 48    | 60 | 4  | SSW 2 | . gentle rain. heavy shower. fine night         |
| 16 | 8  | 29,20 | 41     | 46,5  | 62 | f  | WSW 1 | drizzling. fine : cloudy and little rain        |
|    | 2  | 29,21 | 43,5   | 48    | 60 | 5  | WSW 2 | hazy. much small rain. less cloudy : fine       |
| 17 | 8  | 29,47 | 38,5   | 45    | 60 | 2  | WSW 1 |                                                 |
|    | 2  | 29,57 | 43,5   | 48    | 56 | 2  | WNW 1 | . hazy eve. thick upward : rain                 |
| 18 | 8  | 29,74 | 39     | 46    | 65 | h  | S 1   | continual gentle rain and little snow           |
|    | 2  | 29,64 | 42     | 47    | 69 | h  | ESE 1 | chiefly gentle rain                             |
| 19 | 8  | 29,59 | 50     | 51    | 68 | h  | SSW 2 | . chiefly gentle rain                           |
|    | 2  | 29,59 | 51     | 53    | 67 | h  | SSW 2 | . little rain. fine night. cloudy               |
| 20 | 8  | 29,49 | 45     | 50    | 65 | 5  | SSW 0 | . chiefly gentle rain : less cloudy             |
| F  | 2  | 29,52 | 46,5   | 51,5  | 65 | 4  | WSW 1 | . fine eve. more cloudy                         |
| 21 | 8  | 29,50 | 48     | 51    | 66 | h  | WSW 2 | . fine and more wind                            |
|    | 2  | 29,55 | 52,5   | 51    | 59 | 2  | SSW 3 | . rainy eve. hail and more wind. fine : less    |
| 22 | 8  | 29,82 | 47,5   | 51    | 62 | h  | SW 3  | little wet : fine [wind                         |
|    | 2  | 29,94 | 54     | 53    | 62 | 3  | SW 3  | . less wind. cloudy night. fine                 |
| 23 | 8  | 30,04 | 45,5   | 52,5  | 61 | 3  | SW 1  | foggy                                           |
|    | 2  | 30,03 | 57     | 54,5  | 59 | 3  | S 1   |                                                 |
| 24 | 8  | 30,05 | 49     | 52    | 63 | 5  | SSW 1 | . fine : more cloudy                            |
|    | 2  | 30,07 | 54     | 53    | 57 | 4  | SW 2  | . clear night                                   |
| 25 | 8  | 30,22 | 40,5   | 50,5  | 60 | 0  | W 1   | hazy                                            |
|    | 2  | 30,29 | 46,5   | 49    | 63 | 2  | WNW 1 | . clear night                                   |
| 26 | 8  | 30,20 | 42     | 49    | 59 | 5  | WSW 2 | : little wet                                    |
|    | 2  | 30,17 | 49     | 51,5  | 60 | 5  | WSW 2 | continual drizzling                             |
| 27 | 8  | 29,98 | 50     | 52,5  | 65 | 5  | W 2   | little wet : less cloudy                        |
|    | 2  | 29,99 | 55     | 55,5  | 63 | 4  | W 2   | . more cloudy. fine night                       |
| 28 | 8  | 30,17 | 52,5   | 52,5  | 60 | f  | W 0   | . not cloudy but little wet at times            |
|    | 2  | 30,19 | 54     | 54    | 60 | 4  | W 1   | little rain. more cloudy                        |

REMARKS *on the State of the Air, VEGETATION, &c. in February.*

A FROST commenced on the 28th of last month and continued to the 10th, or, with little intermission, to the 14th of this month; the coldest day was the 3d instant, when the thermometer was at 24 and never higher than 28: much snow fell, particularly in the first week, that many roads were rendered impassable; and the snow and rain which fell afterward, caused high floods and much damage in many places toward the end of the month.—15. Snow-drops in open flower.—20. Crocusses open their flower; and peas sown on the 17th of December, begin to appear above ground.—26. Gooseberry bushes begin to open the leaf.

Rain 2 inches 41 hundredths.

OBSERVATIONS *on the DISEASES in February.*

SCARLET fever continued to increase in frequency, as seemed probable in the last month; it was not now confined to any particular district, but met with here and there throughout the whole metropolis; in some families it proved very fatal: the writer of this article, saw two instances in one family, where it proved so within twenty-four hours from the first appearance of disease; one, a child of eight years old, where no eruption ever took place, but where the countenance was pale on the immediate attack, the pulse extremely feeble and frequent. a strong delirium, and almost a total inability to swallow; the other, an infant of two years old, had a slight efflorescence at first, which was of very short duration, the internal fauces became very much swelled, and on every attempt to swallow the child was thrown into fits: in both these cases blisters were applied without any alleviation of the disease, and death took place within the period above stated; four others in the same family recovered from this disease, one of them with difficulty after having been in considerable danger. Peripneumonic diseases continued to prevail; and, if we may credit the bills of mortality, 451 have died from consumption in the course of the month, a number more than equal to the fourth part of the whole mortality. Smallpox still continued rare; the mortality decreasing, being still considerably less than in the last month. Rheumatic affections were very common, and gout severe and obstinate. The burials from the 29th of January to the 26th of February were 1797.

## METEOROLOGICAL JOURNAL, March.

| D. | H. | Baro. | T. out | T. in | H. | C. | Wind. | Weather, &c.                                   |
|----|----|-------|--------|-------|----|----|-------|------------------------------------------------|
| 1  | 7  | 30,07 | 47     | 53    | 62 | h  | sw 1  | . fine                                         |
|    | 2  | 29,92 | 54,5   | 55,5  | 59 | 3  | s 1   | . clear night                                  |
| 2  | 7  | 29,91 | 43,5   | 52    | 59 | 1  | wnw 1 |                                                |
|    | 2  | 30,08 | 49     | 51    | 53 | 2  | nnw 1 | . clear night                                  |
| 3  | 7  | 30,21 | 38     | 48    | 56 | 2  | nnw 1 | . foggy. hazy: fine                            |
|    | 2  | 30,27 | 46     | 50,5  | 52 | 2  | n 1   | . clear night                                  |
| 4  | 7  | 30,27 | 35,5   | 45,5  | 61 | f  | eo    | . fine                                         |
|    | 2  | 30,27 | 47,5   | 49,5  | 56 | 2  | e 1   |                                                |
| 5  | 7  | 30,20 | 38,5   | 47    | 61 | h  | e 2   | . more wind and fine                           |
|    | 2  | 30,22 | 42     | 47    | 57 | 3  | e 4   | . less wind. cloudy eve                        |
| 6  | 7  | 30,26 | 37     | 46    | 56 | h  | ne 1  | little fleet frequently                        |
| N  | 2  | 30,23 | 37     | 46    | 56 | 6  | nnw 1 | . less cloudy. cloudy eve: little snow         |
| 7  | 7  | 30,21 | 33,5   | 44    | 56 | 5  | nnw 1 | chiefly gentle snow but less cloudy at times   |
|    | 2  | 30,21 | 37,5   | 44,5  | 58 | 5  | n 1   | little fleet: snow                             |
| 8  | 7  | 30,10 | 34     | 44    | 59 | h  | nnw 0 | . very thick upward. foggy: not cloudy         |
|    | 2  | 30,01 | 38     | 45    | 57 | 3  | n 1   | hazy. wind e: fleet                            |
| 9  | 7  | 29,96 | 32     | 43    | 60 | 3  | ene 1 | hazy. chiefly gentle snow and fleet            |
|    | 2  | 29,97 | 36     | 44    | 62 | 5  | n 1   | little snow and fleet: fine                    |
| 10 | 7  | 30,11 | 34     | 42    | 60 | 3  | ne 1  | . hazy                                         |
|    | 2  | 30,17 | 41     | 44,5  | 56 | 3  | e 1   | hazy. clear eve. thick upward                  |
| 11 | 7  | 30,08 | 34,5   | 42    | 61 | h  | ne 1  | . little foggy                                 |
|    | 2  | 30,02 | 39     | 44    | 63 | 5  | ne 1  | little foggy                                   |
| 12 | 7  | 30,07 | 37     | 43    | 64 | h  | n 1   | . not cloudy                                   |
|    | 2  | 30,10 | 46,5   | 46    | 62 | 2  | n 1   | hazy. thick upward at eve                      |
| 13 | 7  | 29,87 | 34     | 44    | 58 | h  | n 1   | . not cloudy: thick upward                     |
|    | 2  | 30,09 | 42,5   | 46    | 58 | h  | w 1   | . much gentle rain. windy night and some [snow |
| 14 | 7  | 30,09 | 34     | 46,5  | 58 | h  | n 3   | chiefly gentle snow                            |
|    | 2  | 30,09 | 38     | 46    | 61 | 5  | n 2   | gentle snow. drizzling eve. fair               |
| 15 | 7  | 30,27 | 36,5   | 44    | 60 | 4  | nnw 2 | hazy. less cloudy at times                     |
|    | 2  | 30,32 | 40,5   | 45    | 56 | 5  | nnw 2 | . less cloudy night                            |
| 16 | 7  | 30,35 | 35     | 42,5  | 59 | f  | nnw 3 | . thick upward. fine                           |
|    | 2  | 30,40 | 41     | 44    | 52 | 2  | nnw 2 | . little fog. thick upward                     |
| 17 | 7  | 30,38 | 37     | 42    | 55 | 5  | n 1   |                                                |
|    | 2  | 30,28 | 40     | 44,5  | 52 | 4  | n 1   | little foggy. thick upward at eve              |
| 18 | 7  | 30,23 | 35     | 42    | 54 | h  | n 1   | . fine and wind s                              |
|    | 2  | 30,24 | 43     | 45    | 52 | 4  | ssw 1 | . more cloudy and little rain. fine night      |
| 19 | 7  | 30,33 | 33     | 41,5  | 58 | 0  | wsn 1 | little foggy. fine                             |
|    | 2  | 30,20 | 45     | 46    | 49 | 2  | s 2   | . cloudy eve: gentle rain                      |
| 20 | 7  | 29,87 | 40     | 45    | 62 | 5  | sse 1 | little gentle rain                             |
|    | 2  | 29,92 | 43,5   | 47    | 58 | 5  | ese 1 | . little rain: clear                           |
| 21 | 7  | 30,17 | 35     | 46,5  | 62 | f  | ne 1  | . not cloudy                                   |
| F  | 2  | 30,23 | 45     | 47,5  | 62 | 3  | ene 1 | hazy. thick upward at eve                      |
| 22 | 7  | 30,28 | 38,5   | 45,5  | 65 | h  | ene 1 | . chiefly gentle rain                          |
|    | 2  | 30,27 | 42     | 47,5  | 64 | h  | e 1   | . little gentle rain                           |
| 23 | 7  | 30,23 | 40     | 46,5  | 61 | h  | e 1   | . fog: less fog and not cloudy                 |
|    | 2  | 30,18 | 44,5   | 47,5  | 57 | 3  | se 1  | . thick upward at eve. rain in the night       |
| 24 | 7  | 30,17 | 43     | 47    | 65 | h  | s 1   | . little rain. fine                            |
|    | 2  | 30,08 | 52,5   | 50,5  | 55 | 3  | ese 2 | . chiefly cloudy and wet at times              |
| 25 | 7  | 30,00 | 47     | 49    | 59 | 5  | se 1  | gentle rain. hazy and wind w: not cloudy       |
|    | 2  | 30,12 | 49     | 50    | 59 | 3  | w 1   | hazy. little wet. clear night                  |
| 26 | 7  | 29,85 | 37,5   | 47,5  | 58 | 1  | sw 1  | . more wind. cloudy. gentle rain               |
|    | 2  | 29,73 | 42     | 47    | 60 | 6  | ssw 4 | . gentle rain. fine and less wind. clear night |
| 27 | 7  | 29,71 | 40,5   | 47,5  | 58 | 3  | wsn 2 | . cloudy at times                              |
|    | 2  | 29,69 | 49     | 50    | 52 | 3  | w 2   | . cloudless eve. cloudy                        |
| 28 | 7  | 29,71 | 36     | 46    | 56 | 5  | w 1   | hazy. less cloudy                              |
|    | 2  | 29,77 | 47     | 49    | 54 | 3  | wnw 1 | hazy. cloudless night                          |
| 29 | 7  | 30,04 | 36,5   | 45,5  | 58 | 1  | wnw 1 | hazy. wind n                                   |
|    | 2  | 30,04 | 48     | 49    | 55 | 3  | e 1   | hazy. cloudy and little rain. windy night      |
| 30 | 7  | 30,07 | 34,5   | 44,5  | 57 | 5  | e 3   | . few flakes of snow. fine                     |
|    | 2  | 29,97 | 35     | 43    | 54 | 0  | ene 4 | . cloudy                                       |
| 31 | 7  | 29,83 | 30     | 40    | 53 | 5  | ene 4 | . little snow. fine                            |
|    | 2  | 29,80 | 34     | 42    | 52 | 3  | ene 4 | . cloudy night and less wind                   |

REMARKS *on the State of the Air, VEGETATION, &c. in March.*

8. SINGLE Hyacinths in flower.—12. Apricot begins to blossom.—26 Lilac begins to unfurl the leaf; peach and nectarine to blossom.—28. Horse-chestnut begins to foliate; daffodil to open the flower.—This month has been cold and foggy, though but little rain, which, with the destructive frost in January, has rendered vegetables remarkably scarce and dear: the thermometer between 54,5 and 30, and the mean state 40, the same as last month.

Rain 47 hundredths of an inch.

OBSERVATIONS *on the DISEASES in March.*

SCARLET fever still continued to prevail, with symptoms similar to those of last month: it seemed to be much influenced by the weather; for whenever a mild state of the atmosphere was succeeded by a colder, all the symptoms of the disease were aggravated. Jaundice was very common; and smallpox much on the decline, the mortality being less than at any time within twelve months past. The burials from the 26th of February to the 2d of April were 1768; and during the last three months 5405.

## METEOROLOGICAL JOURNAL, April.

| D. | H. | Baro. | T. out | T. in | H. | C. | Wind. | Weather, &c.                                 |
|----|----|-------|--------|-------|----|----|-------|----------------------------------------------|
| 1  | 7  | 29,83 | 30     | 39    | 54 | 3  | NE 2  | . more wind                                  |
|    | 2  | 29,87 | 39     | 41    | 45 | 2  | ENE 3 | . cloudy eve                                 |
| 2  | 7  | 29,98 | 33     | 40    | 52 | 5  | ENE 2 | . little snow but chiefly fine               |
|    | 2  | 30,02 | 39     | 41    | 49 | 3  | E 2   | . little snow. cloudy night                  |
| 3  | 7  | 29,92 | 32     | 40    | 52 | 5  | E 2   | hazy                                         |
|    | 2  | 29,88 | 36,5   | 41    | 51 | 2  | E 3   | hazy. less wind. clear night                 |
| 4  | 7  | 29,86 | 30,5   | 40    | 54 | 1  | E 1   |                                              |
|    | 2  | 29,79 | 43     | 41,5  | 49 | 2  | SE 2  | . cloudy eve and more wind : rain            |
| 5  | 7  | 29,61 | 42     | 42,5  | 75 | 5  | SSE 3 | rain. less wind. fair : fine                 |
| N  | 2  | 29,61 | 52     | 45    | 65 | 3  | SSE 1 | hazy. cloudy night : little rain             |
| 6  | 7  | 29,62 | 44     | 45    | 72 | h  | NNE 1 |                                              |
|    | 2  | 29,68 | 47     | 46,5  | 66 | 5  | N 1   | hazy                                         |
| 7  | 7  | 29,81 | 37     | 44,5  | 62 | 5  | N 1   |                                              |
|    | 2  | 29,87 | 41     | 45,5  | 58 | 5  | N 1   | : gentle rain                                |
| 8  | 7  | 29,77 | 39,5   | 45    | 65 | h  | N 1   | little rain : not cloudy                     |
|    | 2  | 29,67 | 49,5   | 46,5  | 67 | 3  | WSW 1 | hazy. rain at times but chiefly fine         |
| 9  | 7  | 29,69 | 44,5   | 47    | 63 | 1  | SSW 2 | . more wind. shower.                         |
|    | 2  | 29,69 | 52,5   | 49,5  | 55 | 3  | SW 3  | . shower. cloudy night : rain                |
| 10 | 7  | 29,42 | 46     | 48    | 67 | 5  | S 2   | chiefly gentle rain but less cloudy at times |
|    | 2  | 29,34 | 48,5   | 50,5  | 64 | 5  | WSW 3 | . more wind. fine. less wind. clear night    |
| 11 | 7  | 29,76 | 41,5   | 49    | 60 | 2  | SW 2  |                                              |
|    | 2  | 29,83 | 50,5   | 52    | 53 | 3  | SW 3  | . rain. fine night                           |
| 12 | 7  | 29,85 | 42     | 47,5  | 59 | 3  | WSW 1 | . chiefly cloudy and little rain             |
|    | 2  | 29,97 | 47,5   | 49,5  | 58 | 4  | NNW 1 | . chiefly fine but little rain at times      |
| 13 | 7  | 30,12 | 43     | 47    | 61 | 5  | NNE 1 | . fine. cloudy                               |
|    | 2  | 30,23 | 50     | 50    | 52 | 4  | NNE 2 | . chiefly fine. cloudless night              |
| 14 | 7  | 30,28 | 38     | 40    | 55 | 1  | ENE 2 | . cloudy                                     |
|    | 2  | 30,24 | 47     | 46,5  | 54 | 5  | ENE 2 | . more wind. fine eve. cloudy : little rain  |
| 15 | 7  | 30,01 | 42     | 45    | 63 | 5  | ENE 2 | . fine                                       |
|    | 2  | 29,91 | 54     | 49    | 63 | 1  | E 1   | . rain and fine at night : gentle rain       |
| 16 | 7  | 29,78 | 52     | 49    | 68 | h  | NEO   | little rain : not cloudy                     |
|    | 2  | 29,73 | 52,5   | 52,5  | 64 | 3  | WSW 1 | . chiefly cloudy and rain at times           |
| 17 | 7  | 29,72 | 47     | 51,5  | 68 | 5  | SSE 1 | little rain, more wind : fine                |
|    | 2  | 29,77 | 51     | 43    | 55 | 3  | SSW 3 | . little rain at times                       |
| 18 | 7  | 29,59 | 41     | 48,5  | 59 | 2  | SSW 2 | . little rain at times                       |
|    | 2  | 29,58 | 48     | 50    | 53 | 3  | SSW 2 | . little hail : rain                         |
| 19 | 7  | 29,53 | 43,5   | 49    | 64 | f  | ESE 1 | little rain at times : not cloudy            |
| F  | 2  | 29,65 | 47     | 51    | 59 | 5  | WNW 1 | . chiefly gentle rain                        |
| 20 | 7  | 29,82 | 41     | 48,5  | 61 | 5  | NNW 2 | . fine. little rain at times                 |
|    | 2  | 29,90 | 48,5   | 51    | 56 | 3  | NNW 2 | . cloudy eve and little rain at times        |
| 21 | 7  | 29,97 | 42     | 48    | 60 | 5  | NW 1  | little wet at times and less cloudy          |
|    | 2  | 30,01 | 48,5   | 51    | 56 | 4  | N 1   | . chiefly fine                               |
| 22 | 7  | 30,03 | 41     | 47    | 59 | h  | WSW 2 | not cloudy. cloudy                           |
|    | 2  | 30,00 | 48     | 49    | 54 | 5  | SSW 3 | chiefly gentle rain and less wind            |
| 23 | 7  | 29,90 | 45,5   | 49,5  | 68 | h  | SE 1  | . gentle rain at times                       |
|    | 2  | 29,95 | 51,5   | 52    | 62 | 5  | E 2   | : more wind and little wet at times          |
| 24 | 7  | 30,03 | 41,5   | 49,5  | 62 | 5  | N 3   | little small rain                            |
|    | 2  | 30,08 | 47,5   | 50    | 58 | 5  | N 3   | . little rain at times                       |
| 25 | 7  | 30,14 | 38,5   | 48    | 55 | 5  | N 1   | . fine : cloudy                              |
|    | 2  | 30,14 | 47,5   | 49    | 53 | 5  | NW 1  | . fleet at eve. drizzling                    |
| 26 | 7  | 30,05 | 44,5   | 49    | 66 | 5  | NE 2  | little wet. less cloudy at times             |
|    | 2  | 30,08 | 46,5   | 49,5  | 56 | 5  | NNE 2 | . little wet : less cloudy                   |
| 27 | 7  | 30,11 | 41,5   | 48    | 58 | 4  | N 1   | . more cloudy                                |
|    | 2  | 30,12 | 50     | 49,5  | 53 | 5  | NNW 1 | . little wet                                 |
| 28 | 7  | 30,08 | 49     | 50,5  | 60 | 5  | W 1   | . less cloudy at times                       |
|    | 2  | 30,07 | 54     | 52    | 56 | 4  | NW 1  | . more cloudy. little rain                   |
| 29 | 7  | 30,08 | 41     | 47    | 57 | 5  | NNW 2 | . rain at times but chiefly fine             |
|    | 2  | 30,11 | 48,5   | 48,5  | 57 | 4  | N 3   | . more cloudy and little rain. less wind     |
| 30 | 7  | 30,15 | 42     | 48    | 58 | 5  | N 1   |                                              |
|    | 2  | 30,15 | 48     | 49    | 55 | 5  | N 1   | . cloudless hazy night                       |

REMARKS *on the State of the AIR, VEGETATION, &c. in April.*

5. THE hygrometer at 75, in the morning, five degrees more than on any other day since the 15th of December last.—10. Almond tree begins to blossom, and hawthorn to foliate.—Vegetation has been greatly retarded by the unusual coldness and moisture of this month, in which there has not been above nine days free from hail, snow, sleet, or rain: trees, in general, are as naked as in the depth of winter. The range of the thermometer was from 30 to 54, the same as it was in March; but the temperature has been more equal than in that month, its mean state (44.5) being four and a half degrees warmer: seven and a half degrees is all the increase of mean heat since the month of January. The wind was very unsteady and in all points, but most between the north and east, and least between the south and east. The barometer was also unsteady, varying from 29.34 to 30.28, but giving the mean 29.89.

Rain 1 inch 83 hundredths.

OBSERVATIONS *on the DISEASES in April.*

SCARLET fever, which had been prevalent in the former months, at the beginning of this was on the decline, and toward the end of it was not often met with: the symptoms continued nearly the same as before. A few cases of croup occurred, with a fatal termination. Measles and smallpox were both rare; but hooping cough still very common. Jaundice was prevalent, and with those advanced in life, or with whom it was the consequence of intemperance, very obstinate. Rheumatic fever was often met with, and where evacuations had not been early attended to, was of long duration. The burials, from the 2d to the 30th of April, were 1527; of which 44 only were from smallpox, a number much less than has occurred in the same period within the last twelve months.

## METEOROLOGICAL JOURNAL, May.

| D. | H. | Baro. | T. out | T. in | H. | C. | Wind. | Weather, &c.                                      |
|----|----|-------|--------|-------|----|----|-------|---------------------------------------------------|
| 1  | 7  | 29,99 | 40     | 47    | 58 | 4  | NW 1  | hazy. lcls cloudy                                 |
|    | 2  | 29,98 | 52,5   | 49,5  | 51 | 3  | W 1   | hazy. cloudy. much gentle rain                    |
| 2  | 7  | 29,91 | 43,5   | 49    | 62 | h  | SW 1  | chiefly gentle rain : fine                        |
|    | 2  | 29,87 | 48     | 51    | 60 | 3  | ESE 1 | . cloudy and little rain                          |
| 3  | 7  | 29,93 | 41,5   | 48    | 58 | 5  | NE 1  | . chiefly fine                                    |
|    | 2  | 29,94 | 50     | 49,5  | 54 | 4  | NE 1  | . more cloudy : fine                              |
| 4  | 7  | 29,90 | 41,5   | 48    | 57 | 1  | E 1   | hazy : chiefly cloudy                             |
| N  | 2  | 29,90 | 51,5   | 50    | 53 | 4  | E 2   | . clear night                                     |
| 5  | 7  | 29,84 | 45     | 49    | 61 | 4  | E 2   | . chiefly fine                                    |
|    | 2  | 29,80 | 54     | 51    | 56 | 2  | E 3   | . lcls wind. cloudy night : little rain           |
| 6  | 7  | 29,79 | 50,5   | 51    | 68 | 4  | ENE 1 | . fine                                            |
|    | 2  | 29,78 | 63     | 55,5  | 53 | 2  | E 1   | . cloudy eve. much gentle rain                    |
| 7  | 7  | 29,67 | 43     | 52    | 65 | h  | NNE 1 | gentle rain : not cloudy                          |
|    | 2  | 29,60 | 57     | 54,5  | 63 | 3  | NNE 1 | hazy. chiefly cloudy and little rain              |
| 8  | 7  | 29,62 | 50     | 54    | 68 | h  | NE 1  | : not cloudy. thick upward                        |
|    | 2  | 29,67 | 57,5   | 56    | 64 | h  | NE 1  | . very thick upward. little rain. cloudy          |
| 9  | 7  | 29,69 | 53     | 55,5  | 61 | 5  | NW 1  | foggy. little wet at times                        |
|    | 2  | 29,70 | 55,5   | 57    | 61 | 5  | W 1   | . little wet at times : gentle rain               |
| 10 | 7  | 29,69 | 49     | 55    | 63 | h  | WSW 1 | chiefly gentle rain : chiefly fine                |
|    | 2  | 29,66 | 53     | 56    | 57 | 4  | W 1   | hazy. little wet. lcls cloudy. cloudless          |
| 11 | 7  | 29,66 | 45,5   | 53,5  | 60 | 2  | W 1   | hazy. wind s : cloudy. little rain                |
|    | 2  | 29,65 | 53,5   | 55    | 58 | 5  | SSE 1 | little rain and chiefly cloudy. fine night        |
| 12 | 7  | 29,70 | 47,5   | 52,5  | 59 | 1  | SE 1  | . cloudy. distant thunder : gentle rain           |
|    | 2  | 29,76 | 53     | 54    | 56 | 5  | WNW 1 | little rain. fine : little rain                   |
| 13 | 7  | 29,80 | 50     | 52    | 61 | h  | SW 1  | . little rain at times : fine                     |
|    | 2  | 29,79 | 55,5   | 53,5  | 56 | 3  | SSW 1 | . little rain at times                            |
| 14 | 7  | 29,80 | 48     | 52    | 64 | 5  | N 1   | . little rain at times                            |
|    | 2  | 29,88 | 52     | 54    | 62 | h  | NE 1  | . little rain : fine                              |
| 15 | 7  | 30,06 | 42,5   | 50,5  | 55 | 4  | NNE 1 |                                                   |
|    | 2  | 30,13 | 50,5   | 51    | 51 | 3  | N 2   | . clear night                                     |
| 16 | 7  | 30,45 | 41     | 48    | 57 | 1  | N 1   | hazy                                              |
|    | 2  | 30,49 | 53,5   | 52    | 49 | 3  | N 1   | hazy. cloudless night                             |
| 17 | 7  | 30,45 | 45,5   | 51,5  | 53 | 1  | ESE 1 | hazy. more hazy                                   |
|    | 2  | 30,30 | 56,5   | 53    | 46 | h  | WSW 2 | sun visible. brighter. cloudy night : little rain |
| 18 | 7  | 29,90 | 49,5   | 51    | 64 | 5  | SW 1  | . lcls cloudy at times : fine                     |
|    | 2  | 29,80 | 52,5   | 53    | 56 | 3  | SW 1  | . cloudy. gentle rain from eve to morn            |
| 19 | 7  | 29,56 | 47,5   | 50    | 64 | 5  | W 1   | . lcls cloudy at times : fine                     |
| F  | 2  | 29,66 | 60     | 52,5  | 57 | 3  | WSW 2 | . cloudy. rainy eve and night                     |
| 20 | 7  | 29,42 | 50,5   | 57    | 61 | h  | N 1   | continual rain : rain and fine                    |
|    | 2  | 29,73 | 57     | 57,5  | 56 | 4  | NW 1  | little rain. hail showers. fine eve               |
| 21 | 7  | 29,98 | 50,5   | 56    | 57 | 1  | W 1   | hazy. more wind and cloudy                        |
|    | 2  | 29,86 | 53     | 57    | 54 | 5  | SW 3  | . lcls wind at eve : fine                         |
| 22 | 7  | 30,08 | 50,5   | 55,5  | 55 | 2  | W 2   | hazy                                              |
|    | 2  | 30,18 | 57     | 58,5  | 49 | 3  | W 2   |                                                   |
| 23 | 7  | 30,05 | 57     | 57    | 60 | 4  | WSW 2 | . gentle rain : fine                              |
|    | 2  | 30,06 | 62     | 59,5  | 65 | 3  | WSW 2 | . clear night                                     |
| 24 | 7  | 30,05 | 50     | 55    | 55 | 4  | SW 2  | . little wet. fine and more wind                  |
|    | 2  | 30,16 | 59,5   | 57,5  | 46 | 2  | WSW 4 | . lcls wind. clear night                          |
| 25 | 7  | 30,43 | 49,5   | 53,5  | 53 | 0  | W 1   | hazy                                              |
|    | 2  | 30,37 | 63,5   | 57    | 44 | 2  | W 1   | . clear night                                     |
| 26 | 7  | 30,28 | 51     | 55,5  | 56 | 2  | WSW 1 | . more cloudy                                     |
|    | 2  | 30,20 | 62     | 58,5  | 50 | 4  | WNW 1 | . little rain at night : fine                     |
| 27 | 7  | 30,25 | 51     | 55,5  | 53 | 1  | NW 1  |                                                   |
|    | 2  | 30,28 | 61,5   | 58    | 48 | 4  | NNW 1 | . clear night                                     |
| 28 | 7  | 30,38 | 51     | 56    | 52 | 1  | E 1   | hazy                                              |
|    | 2  | 30,40 | 61     | 58,5  | 47 | 1  | E 1   |                                                   |
| 29 | 7  | 30,17 | 50,5   | 56    | 57 | 1  | E 1   | hazy                                              |
|    | 2  | 30,07 | 59     | 59,5  | 47 | 1  | ESE 1 | . cloudy                                          |
| 30 | 7  | 29,89 | 55     | 58    | 52 | 5  | SW 1  | . chiefly gentle rain                             |
|    | 2  | 29,89 | 56     | 60    | 60 | 5  | NNW 1 | . little rain. fine night                         |
| 31 | 7  | 30,11 | 52     | 57    | 55 | 4  | NW 1  | . lcls cloudy at times                            |
|    | 2  | 30,16 | 61,5   | 59,5  | 51 | 4  | WNW 1 | . lcls cloudy                                     |

REMARKS *on the State of the Air, VEGETATION, &c. in May.*

6. THE thermometer 63 at two in the afternoon ; it had never reached 55 before in this year, except on two days so far back as February.—Elm begins to foliate ; and standard green-gage plum to blossom.—8. Pear and May-duke cherry in blossom.—10. Asparagus cut.—18. Apple trees blossom.—22. Vine begins to foliate ; and lily of the valley to flower.—24. Lilac and horse-chestnut in blossom.—30. Laburnum and hawthorn in blossom.—Though the thermometer was never below 40 in this month, its mean state was no more than 52, which is nearly two degrees colder than any preceding May for at least thirteen years.

Rain 1 inch 89 hundredths.

OBSERVATIONS *on the DISEASES in May.*

SMALL aphthous ulcerations of the tongue and fauces were among the most common symptoms of this month ; fever in a slight degree, with head-ach, and its other usual symptoms accompanied them ; much languor and debility, with pains in the legs, were added : all these symptoms were evidently owing to acrid accumulations in the first passages ; for after the use of purgatives, two or three times repeated, they disappeared, and health was restored. Jaundice and rheumatic fever still continued to prevail ; but eruptive fevers, such as measles and smallpox, which usually prevailed much at this season of the year, were not very frequently met with ; the mortality of the latter was still decreasing, the burials in the course of the month being only 36 ; and the whole mortality was 1394.

## METEOROLOGICAL JOURNAL, June.

| D. | H. | Baro. | T. out | T. in | H. | C. | Wind. | Weather, &c.                        |
|----|----|-------|--------|-------|----|----|-------|-------------------------------------|
| 1  | 7  | 30,08 | 51,5   | 57    | 55 | 3  | SW 2  | . cloudy: drizzling                 |
|    | 2  | 29,98 | 51,5   | 56    | 58 | 5  | SSW 1 | little rain. chiefly fine           |
| 2  | 7  | 29,84 | 50     | 56    | 55 | 3  | WSW 1 | . rain at times                     |
|    | 2  | 29,79 | 57     | 58,5  | 53 | 3  | SW 2  |                                     |
| 3  | 7  | 29,64 | 52,5   | 57    | 55 | 3  | SW 1  | . showers of hail and rain          |
| N  | 2  | 29,64 | 58     | 58    | 52 | 3  | WSW 2 | . showers. more wind and showers    |
| 4  | 7  | 29,31 | 52     | 56,5  | 60 | 1  | WSW 3 | . gentle showers                    |
|    | 2  | 29,39 | 57,5   | 58    | 50 | 2  | WSW 4 | . less wind                         |
| 5  | 7  | 29,77 | 51     | 56    | 53 | 1  | SW 1  | . showers                           |
|    | 2  | 29,96 | 58,5   | 58    | 52 | 3  | W 1   | . little wet. clear night           |
| 6  | 7  | 30,27 | 51,5   | 57,5  | 53 | 3  | W 0   | hazy                                |
|    | 2  | 30,32 | 60,5   | 65    | 50 | 3  | W 1   | . cloudy night                      |
| 7  | 7  | 30,44 | 58     | 59,5  | 58 | 4  | SW 0  |                                     |
|    | 2  | 30,49 | 70,5   | 63,5  | 53 | 4  | SW 0  | . less cloudy. clear night          |
| 8  | 7  | 30,50 | 61     | 62    | 57 | 1  | S 1   | . wind E                            |
|    | 2  | 30,47 | 72,5   | 66,5  | 48 | 1  | E 1   |                                     |
| 9  | 7  | 30,30 | 61     | 64    | 55 | 1  | E 1   |                                     |
|    | 2  | 30,24 | 76     | 67,5  | 46 | 1  | E 2   | . calm eve                          |
| 10 | 7  | 30,17 | 60     | 64    | 54 | 2  | NNE 1 |                                     |
|    | 2  | 30,13 | 78     | 70    | 48 | 2  | NNE 1 | . more wind                         |
| 11 | 7  | 30,27 | 51,5   | 60    | 51 | 3  | N 3   |                                     |
|    | 2  | 30,30 | 61,5   | 62    | 47 | 1  | N 3   | . less wind. more cloudy night      |
| 12 | 7  | 30,33 | 50,5   | 56    | 53 | 4  | NNE 1 | . more cloudy. fine                 |
|    | 2  | 30,25 | 64,5   | 60    | 48 | 1  | N 1   | . cloudy night                      |
| 13 | 7  | 30,02 | 54     | 57,5  | 52 | 4  | NW 1  |                                     |
|    | 2  | 29,88 | 61,5   | 60,5  | 54 | 4  | NW 1  | . more cloudy night                 |
| 14 | 7  | 29,95 | 55     | 58,5  | 52 | 4  | NNW 1 |                                     |
|    | 2  | 29,98 | 63     | 60    | 55 | 4  | N 1   | . more cloudy night: fine           |
| 15 | 7  | 30,10 | 51     | 57    | 50 | 1  | ENE 2 | hazy. chiefly cloudy                |
|    | 2  | 30,16 | 60     | 58,5  | 48 | 4  | ENE 1 | . less cloudy                       |
| 16 | 7  | 30,22 | 48     | 55    | 52 | 2  | ENE 1 | . cloudy                            |
|    | 2  | 30,26 | 58     | 56    | 48 | 5  | NE 1  | . less cloudy                       |
| 17 | 7  | 30,25 | 49,5   | 54    | 50 | 4  | ENE 1 | . fine                              |
| F  | 2  | 30,25 | 62     | 57    | 47 | 2  | E 1   | . cloudy                            |
| 18 | 7  | 30,28 | 51     | 55    | 52 | 5  | ENE 1 | . wind N and fine                   |
|    | 2  | 30,30 | 64     | 59    | 50 | 1  | N 2   | . cloudy night                      |
| 19 | 7  | 30,31 | 53,5   | 57    | 55 | 4  | N 1   | . fine                              |
|    | 2  | 30,33 | 68,5   | 62    | 50 | 1  | NNE 2 | . cloudy                            |
| 20 | 7  | 30,34 | 52     | 57,5  | 54 | 5  | NNE 1 | . fine                              |
|    | 2  | 30,33 | 63,5   | 60,5  | 52 | 1  | N 1   | . little rain                       |
| 21 | 7  | 30,31 | 53,5   | 58    | 58 | 5  | N 2   | . fine                              |
|    | 2  | 30,31 | 65,5   | 61    | 53 | 1  | N 2   | . wind E at eve                     |
| 22 | 7  | 30,31 | 54,5   | 58    | 58 | 4  | ENE 1 |                                     |
|    | 2  | 30,21 | 70,5   | 63    | 51 | 2  | E 1   |                                     |
| 23 | 7  | 30,00 | 58,5   | 60,5  | 56 | 2  | E 1   | . cloudy and wind W: little wet     |
|    | 2  | 29,92 | 68     | 65    | 53 | 5  | W 1   | . rain at times. fine eve. wind N E |
| 24 | 7  | 30,09 | 52     | 58,5  | 55 | 1  | N 1   |                                     |
|    | 2  | 30,10 | 64,5   | 60,5  | 45 | 3  | NNE 1 | . cloudy. little rain. fine eve     |
| 25 | 7  | 30,24 | 52     | 57    | 55 | 1  | NNE 1 | hazy                                |
|    | 2  | 30,20 | 66,5   | 61,5  | 51 | 3  | ESE 1 | . wind ssw. hazy: gentle rain       |
| 26 | 7  | 30,09 | 54     | 57    | 56 | h  | SSW 1 | little gentle rain                  |
|    | 2  | 30,04 | 58     | 58,5  | 53 | 5  | SSW 1 |                                     |
| 27 | 7  | 30,09 | 58     | 59,5  | 55 | 4  | W 1   |                                     |
|    | 2  | 30,17 | 66,5   | 62,5  | 51 | 5  | N 1   |                                     |
| 28 | 7  | 30,27 | 59,5   | 61,5  | 53 | 5  | NNW 1 | hazy. sultry: little rain           |
|    | 2  | 30,31 | 66     | 65    | 53 | 5  | NNW 1 | . sultry. gentle rain: fair         |
| 29 | 7  | 30,34 | 57     | 62    | 58 | 5  | N 1   | . less cloudy                       |
|    | 2  | 30,33 | 66     | 63    | 52 | 4  | N 1   | . fine. clear night                 |
| 30 | 7  | 30,24 | 53     | 59    | 56 | 0  | W 1   |                                     |
|    | 2  | 30,15 | 73     | 65    | 46 | 1  | W 1   | . cloudy night: little rain         |

REMARKS *on the State of the AIR, VEGETATION, &c. in June.*

6. PEONY flowers, and mulberry tree foliates.—10. Honeyfuckle and rose de meux flowers.—23. Elder tree flowers.—27. Scarlet strawberries gathered.—Though but little rain fell in this month, the air was not to be deemed dry, the hygrometer being never less than 46, and its mean state 53.

Rain 59 hundredths of an inch.

OBSERVATIONS *on the DISEASES in June.*

APHTHOUS ulcerations of the mouth still continued to prevail; and rheumatic fever became more frequent than in the last month. Inflammation of the eyes was very common; in some instances occasioning extreme pain, which did not abate for two or three days, even where local as well as general bleeding was made use of: small ulcerations of the eyelids were also frequent. Erysipelas was occasionally met with, and, on the whole, severe. Toward the end of the month measles began to spread; but as the weather was moderate the symptoms did not run high, and the cough, which is commonly severe, was soon removed. Smallpox was likewise favorable. The burials from the 28th of May to the 2d of July, were 1404; and from the 2d of April to the 2d of July 4325, being 1080 less than in the former three months.

## METEOROLOGICAL JOURNAL, July.

| D. | H. | Baro. | T. out | T. in | H. | C. | Wind. | Weather, &c.                           |
|----|----|-------|--------|-------|----|----|-------|----------------------------------------|
| 1  | 7  | 30,01 | 59     | 63    | 58 | 5  | SW 1  |                                        |
|    | 2  | 29,95 | 66,5   | 64    | 59 | 4  | SW 1  | . more cloudy. thick upward at night   |
| 2  | 7  | 29,95 | 60     | 63,5  | 63 | n  | SW 1  | drizzling and gentle rain : fine       |
|    | 2  | 29,97 | 68     | 63    | 55 | 3  | WSW 1 | . cloudy night : little rain           |
| 3  | 7  | 30,08 | 60     | 64,5  | 59 | 5  | WSW 1 | . fine                                 |
| N  | 2  | 30,17 | 69,5   | 67    | 53 | 3  | WNW 1 |                                        |
| 4  | 7  | 30,26 | 61,5   | 65    | 57 | 3  | W 1   |                                        |
|    | 2  | 30,24 | 71     | 67,5  | 51 | 3  | WSW 2 | . cloudy eve                           |
| 5  | 7  | 30,29 | 62     | 64,5  | 57 | 4  | WSW 1 |                                        |
|    | 2  | 30,34 | 70,5   | 67    | 53 | 4  | WSW 1 | . cloudless hazy night                 |
| 6  | 7  | 30,34 | 61,5   | 66    | 57 | h  | WSW 1 | . fine                                 |
|    | 2  | 30,34 | 73     | 69    | 52 | 3  | WSW 2 |                                        |
| 7  | 7  | 30,27 | 62,5   | 66,5  | 57 | 4  | WSW 1 | . shower : fine                        |
|    | 2  | 30,27 | 73     | 69    | 52 | 3  | SW 1  |                                        |
| 8  | 7  | 30,25 | 61     | 64,5  | 56 | 2  | W 1   | hazy                                   |
|    | 2  | 30,18 | 72,5   | 68    | 49 | 3  | SW 2  | hazy. cloudy. much rain in the night   |
| 9  | 7  | 30,16 | 61,5   | 66,5  | 62 | 5  | SW 1  | continual gentle rain : wind NW. fine  |
|    | 2  | 30,12 | 65     | 68    | 62 | 5  | N 1   | . little rain. less cloudy             |
| 10 | 7  | 30,20 | 58,5   | 65    | 62 | 3  | N 1   | hazy. wind E                           |
|    | 2  | 30,20 | 69,5   | 66,5  | 45 | 3  | E 2   | hazy                                   |
| 11 | 7  | 30,08 | 59     | 63    | 52 | 1  | S 1   | hazy. cloudy                           |
|    | 2  | 29,99 | 67,5   | 65,5  | 50 | 5  | SSE 1 | . much gentle rain : chiefly fair      |
| 12 | 7  | 29,71 | 62     | 65    | 64 | 4  | SSW 1 | hazy                                   |
|    | 2  | 29,69 | 69     | 66,5  | 59 | 3  | SSW 1 | . thunder and showers. cloudless night |
| 13 | 7  | 29,84 | 57     | 63    | 56 | 1  | W 2   | hazy                                   |
|    | 2  | 29,84 | 67     | 65    | 53 | 3  | WSW 2 | . frequent showers. fine night         |
| 14 | 7  | 30,02 | 55     | 60    | 56 | 2  | WSW 2 | . more cloudy                          |
|    | 2  | 30,06 | 67     | 64    | 49 | 3  | WSW 2 | . cloudy. little rain at times         |
| 15 | 7  | 29,67 | 59     | 62    | 58 | 5  | SW 1  | . chiefly cloudy and more wind         |
|    | 2  | 29,69 | 62     | 63    | 53 | 3  | W 3   | . little wet at night. less wind       |
| 16 | 7  | 29,96 | 55     | 60,5  | 55 | 3  | W 1   | . showers                              |
|    | 2  | 30,02 | 59     | 62    | 52 | 4  | NW 1  | . fine : clear                         |
| 17 | 7  | 30,06 | 52     | 60    | 55 | 0  | W 1   | hazy. cloudy. fine                     |
| F  | 2  | 29,96 | 65     | 62    | 47 | 2  | SSW 2 | hazy. cloudy eve : gentle rain         |
| 18 | 7  | 29,44 | 56     | 61    | 63 | 6  | SE 2  | drizzling at times : fine. cloudy      |
|    | 2  | 29,32 | 66,5   | 64    | 60 | 5  | SW 2  | . gentle rain in the night             |
| 19 | 7  | 29,46 | 60     | 63    | 61 | 4  | WNW 1 | . chiefly cloudy and gentle rain       |
|    | 2  | 29,57 | 61     | 64    | 60 | 5  | WNW 1 | . little wet but chiefly fair          |
| 20 | 7  | 29,84 | 55     | 62    | 58 | 5  | WNW 1 | . less cloudy : fine                   |
|    | 2  | 29,91 | 63,5   | 63    | 50 | 3  | W 1   | . more cloudy. thick upward at night   |
| 21 | 7  | 29,94 | 56     | 61,5  | 57 | 5  | W 1   | . little wet : fine                    |
|    | 2  | 29,94 | 66,5   | 64,5  | 52 | 3  | W 1   | . cloudy at times. cloudless night     |
| 22 | 7  | 29,99 | 55     | 61    | 59 | 0  | W 0   | hazy. thick upward. chiefly cloudy     |
|    | 2  | 29,92 | 64,5   | 61    | 53 | 4  | SSE 1 | . rainy night                          |
| 23 | 7  | 29,62 | 60,5   | 63    | 60 | 4  | SSW 1 | . little rain. fine                    |
|    | 2  | 29,68 | 68     | 64,5  | 52 | 3  | SW 2  | . little wet at times : gentle rain    |
| 24 | 7  | 29,62 | 57,5   | 62,5  | 61 | 6  | S 1   | gentle rain : fine                     |
|    | 2  | 29,59 | 59,5   | 62    | 59 | 3  | SSW 2 | . little wet at times                  |
| 25 | 7  | 29,64 | 57,5   | 62    | 58 | 2  | SW 1  | . little rain at times                 |
|    | 2  | 29,76 | 65,5   | 63,5  | 55 | 3  | W 2   | . showers at night                     |
| 26 | 7  | 30,02 | 57     | 61    | 59 | 2  | W 1   | . cloudy. fine                         |
|    | 2  | 30,05 | 65,5   | 62,5  | 53 | 2  | N 1   | . wind E : cloudy                      |
| 27 | 7  | 29,92 | 58     | 61    | 64 | 5  | E 1   | . less cloudy : little rain            |
|    | 2  | 29,81 | 65     | 63    | 60 | 4  | E 2   | . little rain. fine. rainy night       |
| 28 | 7  | 29,64 | 59     | 62    | 76 | h  | ESE 1 | chiefly gentle rain. fine              |
|    | 2  | 29,73 | 63     | 64    | 65 | 5  | N 2   | . fine morn                            |
| 29 | 7  | 29,97 | 53,5   | 59    | 58 | 2  | NNW 1 | . cloudy                               |
|    | 2  | 30,00 | 62     | 62    | 53 | 5  | NW 1  |                                        |
| 30 | 7  | 30,10 | 56     | 60,5  | 53 | 5  | WNW 1 |                                        |
|    | 2  | 30,15 | 64     | 62    | 50 | 5  | WNW 1 | . less cloudy at times                 |
| 31 | 7  | 30,10 | 52,5   | 61    | 59 | h  | WNW 1 | . little rain. wind S and cloudy       |
|    | 2  | 30,02 | 61,5   | 62    | 53 | 4  | S 2   | . little wet at times                  |

REMARKS *on the State of the Air, VEGETATION, &c. in July.*

2. CURRANTS begin to turn red.—4. Portugal laurel in blossom.—10. Raspberries begin to ripen.—14. White lily in flower.—30. Rye cut.—This month has been remarkably rainy : after the 6th, there was only six days fair, and they for the most part hazy or cloudy ; and the 28th was the moistest day hitherto of the present year. The range of the barometer was little more than an inch ; never lower than 29,32, and its mean state was 29,95. The greatest height of the thermometer was 73, five degrees lower than last month ; but the mean height, 62,5, was nearly four degrees higher.

Rain 3 inches 14 hundredths.

OBSERVATIONS *on the DISEASES in July.*

MEASLES, which began to spread in the last month, continued to prevail ; but the symptoms were mild, and the mortality small, considering the number afflicted. Smallpox did not prove quite so favorable ; malignant symptoms, and a confluent eruption, being rather frequent. Scarlet fever, toward the end of the month, was often met with ; the inflammatory kind was most prevalent, seldom attended with a low pulse, or with symptoms of *typhus* ; the patients of course required little attention, and soon recovered. No other disease occurred, worthy of notice. The burials from the 2d to the 30th were 1055, which is considerably less than in any preceding month of the year.

## METEOROLOGICAL JOURNAL, August.

| D. | H. | Baro. | T. out | T. in | H. | C. | Wind. | Weather, &c.                               |
|----|----|-------|--------|-------|----|----|-------|--------------------------------------------|
| 1  | 7  | 29,88 | 60     | 62    | 59 | 5  | sw 1  | . fine                                     |
| N  | 2  | 29,99 | 69,5   | 64    | 51 | 2  | ws 2  | . stormy shower. fine: cloudy              |
| 2  | 7  | 30,05 | 57,5   | 62    | 59 | 5  | ws 1  | . fine: cloudy. little wet                 |
|    | 2  | 30,02 | 65     | 64    | 53 | 5  | sw 2  | . little rain. rainy night                 |
| 3  | 7  | 29,74 | 61,5   | 64    | 67 | h  | ssw 2 | . little rain. showers and fine            |
|    | 2  | 29,72 | 67,5   | 65,5  | 52 | 3  | w 2   | . clear night                              |
| 4  | 7  | 29,83 | 58     | 52    | 58 | 2  | ws 2  | . cloudy night: rain                       |
|    | 2  | 29,83 | 67,5   | 64,5  | 52 | 3  | sw 2  | . little rain. more wind and fine: shower  |
| 5  | 7  | 29,47 | 58     | 63    | 65 | 5  | s 2   | . cloudy at times. lefts wind: cloudy      |
|    | 2  | 29,50 | 65     | 64,5  | 56 | 3  | sw 4  | : much rain                                |
| 6  | 7  | 29,86 | 57     | 62    | 59 | 5  | ws 1  | . much rain: chiefly fair                  |
|    | 2  | 29,87 | 62     | 63    | 60 | h  | sw 2  | . little wet at times                      |
| 7  | 7  | 29,80 | 53,5   | 64,5  | 73 | 5  | ssw 1 | . little wet. hazy but not cloudy. wind n  |
|    | 2  | 29,99 | 63     | 65    | 67 | 5  | w 2   | : gentle rain                              |
| 8  | 7  | 30,17 | 57     | 61,5  | 72 | h  | E 1   | . chiefly gentle rain                      |
|    | 2  | 30,05 | 60     | 62,5  | 67 | h  | E 1   | . cloudy. much rain                        |
| 9  | 7  | 29,84 | 58,5   | 61    | 66 | 3  | ssw 2 | . hazy                                     |
|    | 2  | 29,78 | 59,5   | 61,5  | 64 | 3  | NW 1  | . more cloudy at times                     |
| 10 | 7  | 29,99 | 56     | 61    | 63 | 2  | w 1   | . little wet                               |
|    | 2  | 30,03 | 67     | 64    | 55 | 4  | w 1   | : cloudy                                   |
| 11 | 7  | 29,96 | 59     | 62    | 61 | 2  | s 2   | . much rain. fair night                    |
|    | 2  | 29,91 | 67,5   | 65    | 57 | 3  | s 2   |                                            |
| 12 | 7  | 29,99 | 54,5   | 59,5  | 62 | 2  | w 1   | . slight shower. fine night                |
|    | 2  | 30,02 | 65,5   | 64    | 51 | 3  | w 1   |                                            |
| 13 | 7  | 30,11 | 52,5   | 59    | 60 | 2  | w 1   |                                            |
|    | 2  | 30,12 | 67     | 67    | 51 | 2  | ws 1  |                                            |
| 14 | 7  | 30,07 | 55     | 59    | 59 | 3  | ws 1  | . fine. cloudy night                       |
|    | 2  | 29,94 | 68     | 63,5  | 54 | 4  | s 1   | . little rain and more wind                |
| 15 | 7  | 29,48 | 64,5   | 63,5  | 59 | 2  | s 3   | . lefts wind: rain. fine                   |
| F  | 2  | 29,61 | 63,5   | 64    | 55 | 3  | sw 4  | : slight shower. fine                      |
| 16 | 7  | 29,78 | 56     | 61,5  | 60 | 3  | ws 2  | . calm. rainy night: wind and rain         |
|    | 2  | 29,85 | 64,5   | 62,5  | 50 | 3  | sw 2  | . little rain. more wind and fine at times |
| 17 | 7  | 29,37 | 57,5   | 61    | 67 | h  | SE 3  | . lefts wind. showers and fine             |
|    | 2  | 29,51 | 62,5   | 61,5  | 55 | 3  | ws 3  | . showers and windy                        |
| 18 | 7  | 29,59 | 56,5   | 60    | 63 | 4  | sw 2  | . lefts wind and hazy eve. rain            |
|    | 2  | 29,59 | 63     | 61,5  | 58 | 3  | sw 4  | . hazy. fine. showers                      |
| 19 | 7  | 29,67 | 57     | 61    | 61 | 5  | sw 2  | . calm eve                                 |
|    | 2  | 29,72 | 65     | 62,5  | 54 | 3  | ws 2  | . cloudy at times                          |
| 20 | 7  | 29,81 | 52     | 59,5  | 59 | 0  | sw 0  |                                            |
|    | 2  | 29,84 | 65     | 62    | 53 | 3  | ws 1  | . hazy                                     |
| 21 | 7  | 30,00 | 53     | 60    | 59 | 3  | ws 1  | . hazy: little wet                         |
|    | 2  | 30,10 | 65     | 62    | 51 | 2  | w 1   | . drizzling. more wind                     |
| 22 | 7  | 30,09 | 58,5   | 61    | 62 | h  | ssw 1 | . chiefly gentle rain: fine                |
|    | 2  | 30,06 | 63     | 63    | 63 | 5  | ssw 2 | . hazy. cloudy                             |
| 23 | 7  | 30,11 | 56     | 61    | 62 | 2  | sw 1  | . much rain                                |
|    | 2  | 30,11 | 65     | 63    | 53 | 5  | w 2   | . fine                                     |
| 24 | 7  | 30,05 | 56     | 60,5  | 63 | 5  | w 1   | . clear night                              |
|    | 2  | 30,07 | 64     | 63    | 54 | 3  | WNW 1 | : cloudy                                   |
| 25 | 7  | 30,16 | 51     | 60    | 57 | 0  | w 1   |                                            |
|    | 2  | 30,24 | 63,5   | 63    | 52 | 4  | WNW 1 | . lefts cloudy at times                    |
| 26 | 7  | 30,28 | 52,5   | 58    | 58 | 4  | WNW 0 | . thick upward at night: rain              |
|    | 2  | 30,22 | 61     | 63    | 53 | 4  | ssw 1 | : little small rain                        |
| 27 | 7  | 30,02 | 57,5   | 61    | 60 | 5  | s 2   | . little rain. fine eve. chiefly cloudy    |
|    | 2  | 29,94 | 63,5   | 63    | 65 | 5  | s 2   | . lefts cloudy                             |
| 28 | 7  | 29,88 | 57,5   | 62,5  | 63 | 5  | sw 1  | . rain. fine eve. clear                    |
|    | 2  | 29,84 | 66     | 64    | 57 | 4  | sw 2  |                                            |
| 29 | 7  | 30,03 | 53,5   | 60    | 62 | 1  | ws 1  |                                            |
|    | 2  | 30,16 | 65     | 63    | 53 | 3  | WNW 1 | : cloudy                                   |
| 30 | 7  | 30,16 | 55     | 60    | 58 | 5  | w 1   | . clear night: little rain                 |
| N  | 2  | 30,08 | 62     | 62,5  | 57 | 5  | sw 2  | . fine and more wind                       |
| 31 |    | 29,78 | 58     | 62    | 61 | 5  | ws 2  | . lefts wind. clear night                  |
|    |    | 29,78 | 62     | 62,5  | 55 | 3  | ws 3  |                                            |

REMARKS *on the State of the Air, VEGETATION, &c. in August.*

19. AMERICAN lilac begins to flower.—21. Wheat harvest commences. This month was rainy, and very cold for the season. The rain was not so considerable here as in the last month; but 150 miles northward it has been greater, and done much damage by floods. The range of the barometer was only nine tenths of an inch, and its mean state 29.91: the thermometer was never higher than 69.5; its mean state two degrees lower than last month, and not two degrees more than the mean heat of June.

Rain 2 inches 32 hundredths.

OBSERVATIONS *on the DISEASES in August.*

INFLAMMATION of the eyes was the most prevailing disease of this month; the pain was not in general great, though the enlargement of the vessels of the *cornea* was very considerable; it was not unusual for it to pass from one eye to the other, and to continue for some time. Pains in the stomach were very common, and generally severe; they were often attended by irritations of the bowels and evacuations of acrid bilious matter, and now and then by *diarrhœa*; the spirits were very much depressed, the heat of the skin considerable, particularly of the hands, though the pulse was very little altered from the natural state: warm purgatives were the best medicines, though it was necessary to repeat them frequently to procure permanent relief. Smallpox was not so common as in the last month, and at the end of this was seldom met with. Measles was more frequent, but still continued mild. Scarlet fever was more prevalent, and attended with more mortality than in any preceding portion of the year. Many instances occurred of sudden death. The burials from the 30th of July to the 3d of September, were 1304.

## METEOROLOGICAL JOURNAL, September.

| D. | H. | Baro. | T. out | T. in | H. | C. | Wind. | Weather, &c.                                   |
|----|----|-------|--------|-------|----|----|-------|------------------------------------------------|
| 1  | 7  | 30,13 | 53     | 60    | 53 | 0  | NW 1  |                                                |
|    | 2  | 30,24 | 62     | 61    | 49 | 3  | NNW 1 |                                                |
| 2  | 7  | 30,40 | 50,5   | 57,5  | 57 | 1  | NW 1  |                                                |
|    | 2  | 30,42 | 62,5   | 60,5  | 52 | 3  | W 0   | hazy                                           |
| 3  | 7  | 30,42 | 49     | 57    | 57 | 1  | W 0   | hazy                                           |
|    | 2  | 30,39 | 65     | 60,5  | 53 | 1  | W 1   |                                                |
| 4  | 7  | 30,40 | 49,5   | 57    | 58 | 1  | W 1   |                                                |
|    | 2  | 30,41 | 64,5   | 60,5  | 54 | 0  | W 1   | hazy                                           |
| 5  | 7  | 30,44 | 53     | 59    | 60 | 2  | W 0   | hazy. foggy. wind N and fine                   |
|    | 2  | 30,45 | 68     | 65    | 58 | 2  | E 1   | . thick upward at eve                          |
| 6  | 7  | 30,49 | 60     | 62,5  | 70 | h  | E 1   | : fine                                         |
|    | 2  | 30,48 | 67     | 64    | 57 | 1  | E 2   |                                                |
| 7  | 7  | 30,43 | 56     | 62    | 67 | 2  | E 1   |                                                |
|    | 2  | 30,36 | 64     | 62,5  | 55 | 1  | E 2   |                                                |
| 8  | 7  | 30,28 | 53     | 60,5  | 62 | 1  | E 1   | . more wind                                    |
|    | 2  | 30,25 | 63,5   | 63    | 49 | 1  | E 2   |                                                |
| 9  | 7  | 30,09 | 52     | 59    | 64 | 2  | E 1   | hazy                                           |
|    | 2  | 30,06 | 65     | 62    | 52 | 3  | E 1   | . rain in the night                            |
| 10 | 7  | 30,14 | 48,5   | 57    | 62 | h  | E 1   | . cloudy                                       |
|    | 2  | 30,15 | 61,5   | 60    | 63 | 4  | E 1   | . fine. hazy night                             |
| 11 | 7  | 30,05 | 53,5   | 59    | 70 | h  | ENE 1 | . cloudy                                       |
|    | 2  | 29,94 | 61     | 61    | 60 | 5  | E 1   | . rain. fair night                             |
| 12 | 7  | 29,57 | 58     | 60,5  | 79 | h  | E 2   | drizzling. much rain                           |
|    | 2  | 29,53 | 64     | 62,5  | 72 | 5  | E 2   | . showers. much rain at night                  |
| 13 | 7  | 29,72 | 55,5   | 61    | 67 | 4  | W 2   | . showers                                      |
|    | 2  | 29,75 | 61     | 62    | 62 | 3  | W 2   |                                                |
| 14 | 7  | 29,70 | 52,5   | 58    | 67 | 5  | WSW 2 | drizzling                                      |
| F  | 2  | 29,79 | 59,5   | 60    | 63 | 5  | W 3   |                                                |
| 15 | 7  | 29,96 | 50     | 56    | 65 | 4  | W 1   | . rain                                         |
|    | 2  | 29,97 | 59     | 60,5  | 67 | 5  | WSW 1 | . fine night                                   |
| 16 | 7  | 29,97 | 48     | 56    | 60 | 2  | W 1   |                                                |
|    | 2  | 29,98 | 59     | 60    | 58 | 2  | W 1   | . cloudy at times                              |
| 17 | 7  | 29,86 | 56,5   | 59,5  | 70 | 4  | S 1   | little wet                                     |
|    | 2  | 29,75 | 60     | 61,5  | 64 | 5  | S 2   | much rain. fair night                          |
| 18 | 7  | 29,73 | 52     | 60    | 65 | 2  | WSW 1 | . cloudy. much rain                            |
|    | 2  | 29,74 | 64     | 62    | 59 | 3  | SSW 2 | . heavy showers. fair night: showers           |
| 19 | 7  | 29,44 | 56     | 60    | 63 | 2  | SW 3  | . heavy showers                                |
|    | 2  | 29,36 | 61,5   | 62    | 60 | 4  | SW 4  | . fine. more wind at night: less wind          |
| 20 | 7  | 29,42 | 52,5   | 59    | 65 | 3  | SW 2  | . showery                                      |
|    | 2  | 29,47 | 57,5   | 60,5  | 63 | 5  | SW 3  | . rain. fair night                             |
| 21 | 7  | 29,73 | 53     | 57    | 64 | h  | W 1   | . cloudy                                       |
|    | 2  | 29,73 | 60,5   | 60    | 57 | 3  | SSW 2 | . cloudy: much rain                            |
| 22 | 7  | 29,21 | 55,5   | 59    | 82 | 5  | E 2   | . showery: windy                               |
|    | 2  | 29,17 | 64     | 62    | 62 | 4  | S 4   | . rain and more wind. fair night and less wind |
| 23 | 7  | 29,31 | 56     | 60    | 67 | 3  | S 1   |                                                |
|    | 2  | 29,63 | 57,5   | 60    | 61 | 4  | N 2   | . chiefly cloudy. fine night                   |
| 24 | 7  | 29,90 | 50     | 56    | 62 | 4  | SW 2  |                                                |
|    | 2  | 29,92 | 59     | 59    | 60 | 4  | SW 1  | . clear night                                  |
| 25 | 7  | 30,06 | 54     | 58    | 65 | 3  | SSW 3 |                                                |
|    | 2  | 30,09 | 61,5   | 60,5  | 59 | 3  | SW 2  |                                                |
| 26 | 7  | 29,90 | 54     | 58    | 64 | 2  | S 1   | : little rain                                  |
|    | 2  | 29,75 | 61,5   | 60,5  | 70 | 5  | S 2   | rain. fair night: rain                         |
| 27 | 7  | 29,63 | 54     | 59    | 66 | 4  | WSW 2 | . fine                                         |
|    | 2  | 29,84 | 56,5   | 59    | 56 | 3  | SW 2  | . clear night: rain                            |
| 28 | 7  | 29,68 | 52,5   | 57    | 68 | h  | S 1   | rain. wind E and continued rain                |
|    | 2  | 29,24 | 53     | 58,5  | 77 | 5  | N 1   | rain. fair eve. clear                          |
| 29 | 7  | 29,55 | 47     | 57    | 66 | 2  | SW 1  | . thick upward and much rain                   |
| N  | 2  | 29,23 | 52,5   | 57    | 72 | h  | SSW 1 | rain. more wind W and fine. clear night        |
| 30 | 7  | 29,41 | 49     | 55    | 62 | 2  | W 1   | . cloudy at times: hazy                        |
|    | 2  | 29,62 | 56,5   | 58    | 58 | 3  | W 1   | hazy. shower. cloudy night. little rain        |

## REMARKS on the State of the AIR, VEGETATION, &amp;c. in September.

10. PEACHES, nectarines, and mulberries begin to ripen.—17. Black cluster grapes begin to change colour.—The former part of the month (for ten days) was fine seasonable weather; but the rest was exceedingly rainy, though a fine day now and then intervened: the hygrometer was at 82 on the 22d day; its mean state for the rainy period was 65, and for the other 57.

Rain 3 inches 5 hundredths.

## OBSERVATIONS on the DISEASES in September.

DIARRHŒA, which commonly prevails at this season of the year, was not much met with; but complaints of the stomach, such as were noticed in the last month, still continued to prevail: calomel, assisted by warm purgatives, now seemed the best remedies. A low kind of fever now and then occurred toward the close of the month; none of the symptoms seemed to run high, the pulse was not very frequent, the tongue not dry, little or no delirium, yet it frequently proved fatal when no danger was suspected. Acute rheumatism was pretty common, and in general obstinate; as were likewise gouty affections. Smallpox rather more prevalent, particularly at the end of the month. The mortality was still lessening; the burials from the 3d of September to the 1st of October were 994; and from the 2d of July to the 1st of October 3353, being 972 less than in the preceding three months, and 2052 less than in the first three months of the year.

1799.

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## METEOROLOGICAL JOURNAL, October.

| D. | H. | Baro. | T. out | T. in | H. | C. | Wind. | Weather, &c.                                   |
|----|----|-------|--------|-------|----|----|-------|------------------------------------------------|
| 1  | 7  | 29,58 | 43     | 55    | 62 | 2  | W 1   | hazy                                           |
|    | 2  | 29,66 | 55     | 56    | 57 | 3  | NNW 1 | hazy. cloudy eve. clear                        |
| 2  | 7  | 29,85 | 42     | 52    | 59 | 1  | W 1   | hazy. cloudy at times                          |
|    | 2  | 29,86 | 55     | 55    | 59 | 3  | SW 2  | . clear and calm night                         |
| 3  | 7  | 29,82 | 50     | 54    | 61 | 3  | SW 1  |                                                |
|    | 2  | 29,79 | 59     | 57    | 57 | 3  | WSW 2 | . rain. more wind. showers                     |
| 4  | 7  | 29,59 | 48     | 55    | 65 | 2  | SW 3  | : showery                                      |
|    | 2  | 29,59 | 56     | 56,5  | 56 | 4  | W 3   | . showers with hail. less wind and clear night |
| 5  | 7  | 29,98 | 46     | 53    | 59 | 3  | W 1   | . hazy. cloudy                                 |
|    | 2  | 30,09 | 54     | 55,5  | 58 | 5  | W 1   | hazy. less cloudy. thick upward at night: rain |
| 6  | 7  | 29,97 | 54     | 56,5  | 67 | h  | S 0   | . little rain at times                         |
|    | 2  | 29,99 | 62     | 60    | 70 | 5  | W 1   | hazy                                           |
| 7  | 7  | 29,99 | 57,5   | 59    | 67 | 5  | SW 1  | little rain. wet at times                      |
|    | 2  | 29,94 | 61,5   | 61    | 66 | 5  | SW 2  | . much gentle rain                             |
| 8  | 7  | 29,58 | 58     | 60,5  | 68 | 5  | SW 2  | drizzling. fine                                |
|    | 2  | 29,47 | 58     | 60    | 60 | 3  | SSW 2 | . cloudy. little rain at times                 |
| 9  | 7  | 29,63 | 51     | 57    | 61 | 4  | WSW 1 | hazy. little rain at times                     |
|    | 2  | 29,81 | 54     | 58    | 60 | 4  | WSW 1 | hazy. less cloudy                              |
| 10 | 7  | 30,02 | 44     | 52    | 60 | 1  | W 1   |                                                |
|    | 2  | 30,07 | 54,5   | 55    | 56 | 3  | WSW 2 | . little rain at night. clear                  |
| 11 | 7  | 30,19 | 46,5   | 54    | 62 | 2  | SW 1  | hazy                                           |
|    | 2  | 30,21 | 57     | 56    | 58 | 3  | SW 2  | . calm eve                                     |
| 12 | 7  | 29,99 | 49,5   | 55    | 65 | 3  | S 0   | . cloudy. rain                                 |
|    | 2  | 29,82 | 53     | 58    | 72 | 5  | S 1   | . rain at times and less cloudy                |
| 13 | 7  | 29,81 | 52     | 57,5  | 65 | 4  | WSW 1 | hazy: less cloudy                              |
| F  | 2  | 29,82 | 56     | 58    | 61 | 3  | WSW 1 | . thick upward at night: little rain           |
| 14 | 7  | 29,78 | 45     | 53,5  | 61 | 1  | WSW 1 |                                                |
|    | 2  | 29,93 | 53     | 55    | 56 | 3  | W 2   | . clear night                                  |
| 15 | 7  | 30,12 | 43     | 51    | 60 | 2  | WSW 1 |                                                |
|    | 2  | 30,09 | 55     | 54,5  | 57 | 2  | SSW 1 | hazy: cloudy                                   |
| 16 | 7  | 30,08 | 46     | 52,5  | 65 | f  | S 0   | . fine                                         |
|    | 2  | 30,04 | 52,5   | 53    | 60 | 4  | SSW 1 | . foggy eve. gentle rain at times              |
| 17 | 7  | 29,98 | 45     | 52    | 62 | h  | NNW 1 | gentle rain at times                           |
|    | 2  | 29,98 | 42,5   | 53    | 62 | h  | NNW 1 | little rain. chiefly cloudy                    |
| 18 | 7  | 29,99 | 49     | 51,5  | 63 | f  | WNW 1 | : fine                                         |
|    | 2  | 29,91 | 50     | 53    | 60 | 3  | SSW 1 | hazy. much rain at night                       |
| 19 | 7  | 29,73 | 49,5   | 53    | 68 | 6  | SE 1  | continual rain                                 |
|    | 2  | 29,76 | 50     | 54    | 67 | h  | SSW 1 | much rain. fine night                          |
| 20 | 7  | 29,87 | 46     | 52    | 67 | 5  | ESE 0 |                                                |
|    | 2  | 29,91 | 49,5   | 53    | 63 | 5  | SE 1  | . fine. hazy: much rain                        |
| 21 | 7  | 29,64 | 48     | 52,5  | 68 | 6  | SE 1  | much rain: wind w and fine. cloudy             |
|    | 2  | 29,60 | 50     | 53,5  | 66 | 4  | W 2   | . cloudless eve: cloudy. little rain           |
| 22 | 7  | 29,72 | 47     | 52    | 60 | 6  | SSW 1 | rain at times and less cloudy                  |
|    | 2  | 29,70 | 51,5   | 54    | 65 | 3  | S 2   | hazy. cloudy. rain                             |
| 23 | 7  | 29,72 | 48,5   | 53    | 68 | 6  | S 1   | rain. fine but hazy                            |
|    | 2  | 29,72 | 53,5   | 55    | 63 | 1  | S 1   | hazy. little rain. cloudless night: cloudy     |
| 24 | 7  | 29,54 | 46     | 52    | 65 | 5  | N 2   | : little small rain                            |
|    | 2  | 29,50 | 48,5   | 52,5  | 65 | h  | NW 2  | drizzling at times. fine night                 |
| 25 | 7  | 29,77 | 40     | 51    | 62 | 1  | WNW 1 | : cloudy                                       |
|    | 2  | 29,84 | 50     | 52    | 62 | 5  | NNW 2 | . gentle rain. fair night: fine                |
| 26 | 7  | 30,19 | 42,5   | 50    | 61 | 1  | N 1   | hazy                                           |
|    | 2  | 30,31 | 49     | 51    | 60 | 2  | N 1   | hazy                                           |
| 27 | 7  | 30,48 | 36     | 48    | 58 | f  | NO    | . brighter and sun visible                     |
|    | 2  | 30,44 | 43,5   | 49    | 61 | h  | NO    | not cloudy. foggy eve. thick upward            |
| 28 | 7  | 30,38 | 40     | 48    | 63 | 2  | N 1   | hazy: thick upward                             |
| N  | 2  | 30,41 | 51     | 51,5  | 65 | h  | W 1   | . drizzling night. not cloudy                  |
| 29 | 7  | 30,22 | 48     | 52,5  | 67 | h  | W 0   | . fine but hazy                                |
|    | 2  | 30,18 | 52     | 53    | 61 | 1  | S 1   | hazy. clear night                              |
| 30 | 7  | 29,80 | 45     | 51    | 68 | f  | ESE 0 |                                                |
|    | 2  | 29,69 | 55     | 53,5  | 71 | 4  | S 1   | hazy. much gentle rain. fair night: fine       |
| 31 | 7  | 29,55 | 51     | 53    | 71 | 1  | S 1   | : more cloudy                                  |
|    | 2  | 29,42 | 56     | 56    | 67 | 4  | S 1   | . fine. rainy night                            |

## REMARKS on the State of the AIR, VEGETATION, &amp;c. in October.

1. HORSE-CHESTNUTS begin to slip the hull.—8. Black cluster grapes gathered.—28. Chrysanthemum Indicum in flower.—This month was more uniformly rainy than the last, but the quantity which fell was nearly three quarters of an inch less. In the course of this and the three preceding months, the fall of rain has been almost eleven inches; and the mean state of the barometer was pretty equal in all of them, not a tenth short of thirty inches.

Rain 2 inches 37 hundredths.

## OBSERVATIONS on the DISEASES in October.

THE low fever of last month degenerated into *typhus*, and proved rather fatal: its progress was slow; seldom terminating fatally before the fourteenth day, and frequently going on to the twenty-first before any crisis took place: the symptoms at its commencement were similar to those before observed, which were succeeded by comatose affections and a strong propensity to sleep; in many instances a diarrhæa took place, in which the stools were dark and offensive. Febrile diseases of all kinds seemed to put on the same general tendency, particularly smallpox, which proved more fatal than at any period since March last. Dysenteric complaints were very common, and particularly obstinate, not yielding to the usual remedies, but going on to a considerable length, having now and then a fatal termination. Measles and whooping cough were very frequent but rather mild. At the end of the month, scarlet fever began to prevail. The burials from the 1st of October to the 29th, were 1314.

## METEOROLOGICAL JOURNAL, November.

| D. | H. | Baro. | T. out | T. in | H. | C. | Wind. | Weather, &c.                                   |
|----|----|-------|--------|-------|----|----|-------|------------------------------------------------|
| 1  | 8  | 28,98 | 54     | 55    | 67 | 3  | S 1   | . more wind : cloudy                           |
|    | 2  | 28,94 | 58     | 56,5  | 63 | 4  | ESE 2 | little wet. shower. thick upward at night and  |
| 2  | 8  | 29,32 | 52     | 56    | 67 | 3  | W 1   | . cloudy [barometer 28,89]                     |
|    | 2  | 29,57 | 53,5   | 56,5  | 64 | 5  | W 1   | . fine night : rain                            |
| 3  | 8  | 29,81 | 53,5   | 55    | 72 | 3  | SW 1  | . cloudy and little wet at times               |
|    | 2  | 29,75 | 57     | 57    | 72 | 5  | SSW 2 | . drizzling. windy. fine night and less wind   |
| 4  | 8  | 29,75 | 47     | 54    | 64 | 2  | SW 1  | . cloudy. rainy                                |
|    | 2  | 29,59 | 49     | 53,5  | 67 | 5  | SSW 1 | . little rain. fine night                      |
| 5  | 8  | 30,05 | 41     | 49    | 63 | h  | WSW 1 | . much rain                                    |
|    | 2  | 29,81 | 48     | 51,5  | 68 | 6  | SW 2  | rain. windy and much rain : fair morn          |
| 6  | 8  | 29,45 | 52     | 54,5  | 69 | 5  | SSW 4 | . little wet. fine and less wind               |
|    | 2  | 29,41 | 55     | 56    | 61 | 5  | W 2   | little rain. fine eve                          |
| 7  | 8  | 29,48 | 42     | 52,5  | 60 | 1  | WSW 2 | . more cloudy                                  |
|    | 2  | 29,51 | 48     | 52,5  | 57 | 4  | W 3   | . less wind and fine : rain                    |
| 8  | 8  | 29,48 | 39,5   | 49    | 62 | f  | W 1   | drizzling. fine                                |
|    | 2  | 29,56 | 45,5   | 50,5  | 61 | 3  | W 2   | hazy. little rain at eve. cloudless            |
| 9  | 8  | 29,82 | 38,5   | 48    | 62 | 2  | W 1   | foggy. little rain. fine                       |
|    | 2  | 29,78 | 44,5   | 49    | 63 | 2  | W 1   | hazy. cloudless night                          |
| 10 | 8  | 30,08 | 35     | 46    | 63 | 0  | W 1   | foggy : thick upward                           |
|    | 2  | 30,08 | 43     | 48    | 61 | h  | WSW 1 | . drizzling. brighter eve. rain                |
| 11 | 8  | 29,77 | 47     | 50    | 65 | f  | NW 1  |                                                |
|    | 2  | 29,80 | 48     | 51    | 61 | h  | W 1   | . chiefly small rain                           |
| 12 | 8  | 29,70 | 53,5   | 52,5  | 75 | f  | WSW 1 | . little wet at times and more wind            |
| F  | 2  | 29,61 | 56,5   | 55    | 74 | 5  | SW 3  | . fine night                                   |
| 13 | 8  | 29,75 | 49     | 52,5  | 64 | 0  | SW 2  | hazy : cloudy and little wet                   |
|    | 2  | 29,72 | 53     | 54    | 63 | 4  | SW 3  | . chiefly cloudy : less wind and little rain   |
| 14 | 8  | 29,69 | 49,5   | 54    | 69 | 5  | S 1   | hazy. little wet at times                      |
|    | 2  | 29,77 | 52     | 54,5  | 65 | 5  | S 1   | . little rain. less cloudy night : little rain |
| 15 | 8  | 30,05 | 49     | 53    | 71 | f  | S 1   | little rain                                    |
|    | 2  | 30,02 | 51,5   | 54    | 71 | 5  | ESE 1 | hazy. little wet at times : much rain          |
| 16 | 8  | 30,13 | 42,5   | 52    | 69 | f  | NNW 1 | rain. fair : not cloudy                        |
|    | 2  | 30,19 | 48,5   | 53    | 67 | 2  | NNW 1 | foggy. thick upward. foggy night               |
| 17 | 8  | 30,36 | 40     | 49,5  | 72 | f  | N 1   | drizzling fog. brighter                        |
|    | 2  | 30,39 | 49     | 51    | 69 | 4  | ENE 1 | hazy. less cloudy                              |
| 18 | 8  | 30,38 | 42,5   | 49    | 66 | f  | NE 1  |                                                |
|    | 2  | 30,36 | 48     | 50    | 65 | h  | ENE 1 |                                                |
| 19 | 8  | 30,38 | 45,5   | 50    | 66 | f  | E 1   |                                                |
|    | 2  | 30,37 | 49     | 50,5  | 64 | 4  | E 1   | hazy. thick upward : not cloudy                |
| 20 | 8  | 30,49 | 42     | 50    | 68 | f  | E 1   | not cloudy. brighter and cloudless             |
|    | 2  | 30,49 | 47,5   | 50    | 63 | 1  | E 1   | hazy. foggy eve. low fog                       |
| 21 | 8  | 30,50 | 37     | 47,5  | 67 | f  | E 1   | not cloudy. more foggy                         |
|    | 2  | 30,47 | 42,5   | 49    | 70 | f  | E 1   | . thick upward at night                        |
| 22 | 8  | 30,47 | 40,5   | 47,5  | 74 | f  | NE 1  | drizzling fog. cloudy                          |
|    | 2  | 30,41 | 45     | 49    | 70 | 5  | NE 1  | foggy. drizzling night : fair                  |
| 23 | 8  | 30,38 | 44,5   | 48,5  | 69 | f  | E 1   |                                                |
|    | 2  | 30,34 | 45     | 49    | 66 | 5  | E 1   | hazy                                           |
| 24 | 8  | 30,13 | 39,5   | 47    | 67 | 5  | ESE 1 | . thick upward                                 |
|    | 2  | 30,04 | 41     | 48    | 64 | h  | SSE 1 |                                                |
| 25 | 8  | 29,97 | 42     | 47,5  | 68 | f  | S 1   | . thick upward                                 |
|    | 2  | 30,01 | 46,5   | 49    | 73 | f  | S 1   | . thick upward at night                        |
| 26 | 8  | 30,23 | 46     | 48,5  | 75 | f  | NNE 1 |                                                |
|    | 2  | 30,23 | 48     | 50    | 72 | h  | E 1   | : clear                                        |
| 27 | 8  | 30,26 | 44,5   | 48,5  | 72 | 1  | E 2   | little foggy. fine                             |
| N  | 2  | 30,27 | 47,5   | 50,5  | 66 | 1  | E 2   | : foggy                                        |
| 28 | 8  | 30,35 | 44,5   | 49    | 68 | f  | E 1   | . brighter and rather cloudy                   |
|    | 2  | 30,32 | 45     | 50    | 67 | 4  | ENE 1 | hazy. thick upward at night                    |
| 29 | 8  | 30,28 | 34     | 53    | 66 | f  | WSW 1 | . fine                                         |
|    | 2  | 30,18 | 41     | 46    | 69 | 3  | WSW 1 | hazy. clear night. hazy                        |
| 30 | 8  | 29,98 | 45     | 48    | 72 | f  | WSW 1 | not cloudy. thick upward                       |
|    | 2  | 29,91 | 50,5   | 49,5  | 73 | h  | SW 1  | . fine night. thick upward                     |

REMARKS on the State of the Air, VEGETATION, &c. in November.

12. THE air warmer out of door than in the house the whole of the day.—  
25. Provence rose and polyanthus continue to flower. Black cluster grapes, noticed last month, proved finer than ever remembered; but the sweet water kind only grew to a very small size, and did not ripen.—30. Mulberry tree not parted with all its leaves till now.—This month was mild, the mean state of the thermometer being 46,5, and, except three mornings, was never lower than 38,5. It was also moist, the mean state of the hygrometer being 67; but the rain that fell was almost wholly in the former half of it, and the latter part was tolerably fine, accompanied with slighter fogs than usual at this season.

Rain 1 inch 71 hundredths.

OBSERVATIONS on the DISEASES in November.

THE fever of last month continued to prevail, with similar symptoms. Dysentery became still more frequent, and in many instances, after seeming to give way to different remedies, returned with considerable violence: the most successful mode of treatment appeared to be purgatives of calomel, assisted by rhubarb, giving afterward testaceous medicines and opium, keeping the body warm, assisting perspiration, abstaining from vegetables and fruit, and diluting plentifully with broths made from animal food. Lying-in women suffered much by fever, as well as by dysenteric complaints: these seemed to prevail as much among those in comfortable situations of life, as among the poor. Measles and smallpox were still very frequent, and more severe than during the preceding month. Scarlet fever, although frequent, did not prevail so much as seemed probable at the latter part of last month. The burials from the 30th of October to the 3d of December were 1717.

## METEOROLOGICAL JOURNAL, December.

| D. | H. | Baro. | T. out | T. in | H. | C. | Wind. | Weather, &c.                              |
|----|----|-------|--------|-------|----|----|-------|-------------------------------------------|
| 1  | 8  | 29,63 | 49     | 51    | 73 | f  | SSW 1 | . little rain                             |
|    | 2  | 29,53 | 50,5   | 52    | 72 | h  | SSW 1 | . gentle rain                             |
| 2  | 8  | 29,28 | 46,5   | 51    | 73 | f  | NO    | . little rain : very thick upward         |
|    | 2  | 29,31 | 46     | 51,5  | 70 | h  | NO    | . chiefly drizzling                       |
| 3  | 8  | 29,46 | 41,5   | 51    | 73 | f  | NO    | . fine                                    |
|    | 2  | 29,43 | 49     | 52    | 68 | 2  | NNE 1 | hazy. drizzling night. not cloudy         |
| 4  | 8  | 29,54 | 43,5   | 50    | 70 | f  | NE 1  | drizzling fog. fair                       |
|    | 2  | 29,54 | 44,5   | 50,5  | 67 | h  | NE 1  | drizzling fog. thick upward : little rain |
| 5  | 8  | 29,69 | 42     | 48,5  | 72 | f  | NNE 1 | chiefly gentle or drizzling rain          |
|    | 2  | 29,77 | 44     | 50    | 72 | h  | NNE 1 | drizzling at times. cloudy night          |
| 6  | 8  | 30,10 | 44,5   | 49    | 71 | f  | NE 1  | little wet. brighter                      |
|    | 2  | 30,12 | 47     | 50    | 70 | 4  | N 2   | . more cloudy. drizzling : little rain    |
| 7  | 8  | 30,11 | 43,5   | 49    | 71 | f  | NE 1  | chiefly gentle rain                       |
|    | 2  | 30,08 | 41     | 50,5  | 71 | 5  | NE 2  |                                           |
| 8  | 8  | 29,88 | 39,5   | 47    | 67 | h  | NE 1  | . foggy. drizzling : little rain          |
|    | 2  | 29,81 | 41     | 49    | 68 | h  | ENE 1 | drizzling. thick upward and fair eve      |
| 9  | 8  | 29,77 | 41     | 48,5  | 68 | f  | E 1   |                                           |
|    | 2  | 29,85 | 45,5   | 50,5  | 70 | h  | E 1   | . not cloudy. cloudy. fine night          |
| 10 | 8  | 30,03 | 43     | 48,5  | 70 | h  | ENE 1 | . thicker upward                          |
|    | 2  | 30,10 | 44,5   | 48,5  | 67 | h  | ENE 1 | . little wet at night                     |
| 11 | 8  | 30,09 | 41,5   | 46,5  | 69 | f  | ENE 1 |                                           |
|    | 2  | 30,07 | 43     | 48    | 67 | h  | ENE 1 | . fine night but rather cloudy            |
| 12 | 8  | 30,16 | 38,5   | 46    | 67 | f  | NNE 1 | not cloudy                                |
| F  | 2  | 30,19 | 41,5   | 46,5  | 66 | 2  | NE 1  | hazy. more cloudy night                   |
| 13 | 8  | 30,23 | 37     | 45,5  | 65 | h  | NE 1  |                                           |
|    | 2  | 30,18 | 36     | 45,5  | 66 | h  | NE 1  |                                           |
| 14 | 8  | 30,09 | 34     | 44    | 63 | f  | NE 1  |                                           |
|    | 2  | 30,04 | 37,5   | 44,5  | 65 | h  | NE 1  |                                           |
| 15 | 8  | 29,92 | 38,5   | 45    | 67 | f  | E 1   |                                           |
|    | 2  | 29,89 | 36,5   | 45,5  | 66 | h  | E 1   |                                           |
| 16 | 8  | 29,76 | 35     | 43    | 65 | h  | E 1   |                                           |
|    | 2  | 29,76 | 35     | 41,5  | 64 | h  | E 1   |                                           |
| 17 | 8  | 29,71 | 34     | 45,5  | 63 | h  | NE 1  |                                           |
|    | 2  | 29,67 | 34,5   | 42    | 63 | h  | NE 1  | : little snow                             |
| 18 | 8  | 29,72 | 35     | 43,5  | 63 | 3  | NNE 2 | . slight fog : snow and sleet             |
|    | 2  | 29,76 | 38,5   | 43,5  | 65 | h  | NNE 2 | little snow. fine eve. snow : fine        |
| 19 | 8  | 30,23 | 25,5   | 40,5  | 62 | f  | N 1   | . little snow at times                    |
|    | 2  | 30,30 | 29,5   | 41,5  | 64 | 1  | NNE 2 | little snow at times                      |
| 20 | 8  | 30,40 | 25     | 38    | 64 | h  | NNE 1 | little snow. fine                         |
|    | 2  | 30,39 | 28     | 38,5  | 59 | 2  | NNE 2 | cloudy eve. clear                         |
| 21 | 8  | 30,37 | 27     | 38    | 62 | h  | NNE 1 |                                           |
|    | 2  | 30,32 | 31,5   | 38    | 62 | h  | NNE 2 | . more wind and cloudy night              |
| 22 | 8  | 30,26 | 33     | 38    | 61 | 5  | NE 2  | . fine                                    |
|    | 2  | 30,26 | 33     | 39    | 60 | 3  | NE 2  | . more cloudy : fine                      |
| 23 | 8  | 30,23 | 27,5   | 38    | 62 | 2  | NE 2  |                                           |
|    | 2  | 30,24 | 32     | 38    | 61 | 1  | NE 1  |                                           |
| 24 | 8  | 30,17 | 33,5   | 39    | 60 | f  | NE 1  | : little snow. not cloudy                 |
|    | 2  | 30,10 | 35     | 39,5  | 63 | h  | NE 1  | not cloudy. thick upward                  |
| 25 | 8  | 30,02 | 30,5   | 40    | 61 | f  | W 1   |                                           |
|    | 2  | 30,03 | 34,5   | 40,5  | 61 | f  | WNW 1 | . little snow at times                    |
| 26 | 8  | 30,03 | 33     | 40    | 67 | 2  | NNW 1 | hazy                                      |
| N  | 2  | 30,09 | 37     | 42    | 65 | 2  | N 1   | hazy : thick upward                       |
| 27 | 8  | 30,28 | 31     | 40    | 64 | f  | N 1   | not cloudy                                |
|    | 2  | 30,39 | 34     | 42    | 63 | 3  | ENE 2 | . clear night and morn                    |
| 28 | 8  | 30,44 | 23     | 38    | 60 | f  | ENE 1 | . fine                                    |
|    | 2  | 30,39 | 28     | 39    | 59 | 1  | ENE 1 | hazy : snow                               |
| 29 | 8  | 30,22 | 29,5   | 37    | 64 | f  | W 1   | not cloudy. fine                          |
|    | 2  | 30,26 | 33,5   | 38    | 62 | 3  | NNW 1 | . little snow. cloudy night               |
| 30 | 8  | 30,37 | 31     | 38,5  | 62 | f  | NNW 1 | . drizzling at times                      |
|    | 2  | 30,41 | 33     | 39    | 63 | f  | NNW 1 | . fine night. clear                       |
| 31 | 8  | 30,62 | 20,5   | 35,5  | 63 | f  | E 1   | not cloudy. fine                          |
|    | 2  | 30,65 | 26     | 36,5  | 60 | 1  | E 1   | hazy                                      |

REMARKS *on the State of the Air, VEGETATION, &c. in December.*

THE first six days were similar to the latter part of last month, after which colder winds commenced, and elms and other trees became wholly divested of their remaining leaves. A severe frost commenced early on the 19th, and continued to remain at the end of the month, the last day of which was the coldest day of the year. Little rain or snow fell, but the moisture of the atmosphere was considerable, and more equably humid than in any other month of the year.

Rain 38 hundredths of an inch.

OBSERVATIONS *on the DISEASES in December.*

SCARLET fever, which appeared to languish during the last month, revived again, and became not only a very frequent but a very dangerous disease; its progress (particularly at the west end of the town) being marked by the worst symptoms, and being attended by a considerable mortality. Smallpox likewise proved proportionably fatal. Measles prevailed very generally, and were attended with great mortality, sixty-nine being reported, by the bills of mortality, to have died of this disease in the course of the month. Rheumatism was likewise frequent. Dysenteric complaints were still met with, but were neither so frequent nor obstinate as during the last month. The burials from the 3d to the 31st were 1739; and for the last three months 4765, being 430 more than in any quarter of the present year. The number of burials for the whole year is 17,848, being 1129 less than last year, of which 1000 are reported to have died of the smallpox, fewer than the former year by 1385. The general bill of mortality is made up from December 11, 1798, to December 10, 1799, by which there appears a diminution of 21 only in the burials of the present year.

*Greatest, least, and mean State of the Barometer, Thermometer, and Hygrometer, and the Quantity of Rain, in the Year 1799.*

| 1799        | Barometer |       |       | Therm. out |      |      | Therm. in |      |      | Hygrometer |    |    | Rain  |
|-------------|-----------|-------|-------|------------|------|------|-----------|------|------|------------|----|----|-------|
|             | Great.    | Least | Mean  | G.         | L.   | M.   | G.        | L.   | M.   | G.         | L. | M. | Inch. |
| Jan.        | 30,51     | 29,34 | 30,02 | 50,5       | 26   | 37   | 50,5      | 40   | 44,5 | 70         | 53 | 62 | 1,02  |
| Feb.        | 30,29     | 29,15 | 29,76 | 57         | 24   | 40   | 54,5      | 36,5 | 45   | 70         | 56 | 62 | 2,41  |
| Mar.        | 30,40     | 29,69 | 30,09 | 54,5       | 30   | 40   | 55,5      | 40   | 46   | 65         | 49 | 58 | 0,47  |
| April       | 30,28     | 29,34 | 29,89 | 54         | 30   | 44,5 | 52,5      | 39   | 47   | 75         | 45 | 59 | 1,83  |
| May         | 30,49     | 29,42 | 29,63 | 63,5       | 40   | 52   | 60        | 47   | 54   | 68         | 44 | 57 | 1,89  |
| June        | 30,50     | 29,31 | 30,14 | 78         | 48   | 59   | 70        | 54   | 60   | 60         | 46 | 53 | 0,59  |
| July        | 30,34     | 29,32 | 29,95 | 73         | 52   | 62,5 | 69        | 59   | 65   | 76         | 45 | 56 | 3,14  |
| Aug.        | 30,28     | 29,37 | 29,91 | 69,5       | 51   | 60,5 | 67        | 52   | 63,5 | 73         | 51 | 55 | 2,32  |
| Sept.       | 30,49     | 29,17 | 29,89 | 68         | 47   | 56,5 | 65        | 55   | 59,5 | 82         | 49 | 63 | 3,05  |
| Oct.        | 30,48     | 29,42 | 29,89 | 62         | 36   | 50   | 61        | 48   | 54   | 72         | 56 | 63 | 2,37  |
| Nov.        | 30,50     | 28,94 | 29,97 | 58         | 34   | 46,5 | 57        | 46   | 51   | 75         | 57 | 67 | 1,71  |
| Dec.        | 30,65     | 29,28 | 30,01 | 50,5       | 20,5 | 36,5 | 52        | 35,5 | 44   | 73         | 59 | 66 | 0,38  |
| Who'e Year. |           |       | 29,85 |            |      | 48,8 |           |      | 52,8 |            |    | 60 | 21,18 |

GENERAL REMARKS *on the* WEATHER *in* 1799.

THE distinguishing character of this year is its coldness, the mean temperature being a little short of 49 degrees. There was little appearance of spring at the end of April, and the following month was the coldest May for, at least, thirteen years past. From the 8th of July to the 16th of November was a rainy period, except the first ten days in September, which were fine and seasonable.