

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU,

CO-OPERATING WITH THE

# MARYLAND STATE WEATHER SERVICE

Established by an Act of the General Assembly of the State of Maryland, 1892,  
and Maintained in Connection with



The Johns Hopkins University and the Maryland Agricultural College.  
CENTRAL OFFICE, JOHNS HOPKINS UNIVERSITY, BALTIMORE, MD.

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VOL. IV, No. 12.

MONTHLY REPORT.

APRIL, 1895.

## Review of the Month—March.

The past March was not a remarkable one, as regards storms, temperature and precipitation, though it varied considerably from the normal in some respects. Ten cyclones, or low areas, passed from west to east across the Atlantic coast states, and the twelve generally rainy days in Maryland were caused by them. Nine anti-cyclones alternated with the cyclones, and the nineteen days of generally fair weather may be attributed to the influence of these areas of high atmospheric pressure. Although the anti-cyclones were outnumbered by the cyclones, the influence of the former was somewhat the stronger, as indicated by the excess of fair days over rainy days, the considerable deficiency in rainfall, and the minus departure of temperature of from 1 to 2 degrees per day.

**Temperature** (degrees).—Monthly mean (for entire territory covered), 39.9, being .3 above the normal; highest monthly mean, 44.4, at Bel Alton; lowest monthly mean, 31.4, at Sunnyside; highest temperature, 74, at Washington, D. C., and at Easton, on the 1st; lowest temperature, —7, at Deer Park, on the 21st; greatest local monthly range, 74, at Deer Park; least local monthly range, 42, at Sharpsburg, Burkittsville, Bachman's Valley, Princess Anne, and Pocomoke City; monthly mean range, 49.2; monthly mean maximum, 49.8; monthly mean minimum, 30.3; highest minimum for the month at any station was 26, at La Plata and Bel Alton, on the 4th and at Pocomoke City, on the 6th and 23rd.

**Precipitation** (in inches).—Average, 3.10, being .70 below the normal; greatest amount, 6.20, at Sunnyside; least amount, 1.10, at Westernport. The greatest fall of snow during the month, in Maryland, 22.2 inches, is reported by the observer at Sunnyside. The next greatest fall, 14 inches, is reported by the observer at Grantsville.

**Wind**.—Prevailing direction, northwest. Total movement in miles, Philadelphia, Pa., 9000; Baltimore, Md., 7070; Washington, D. C., 6890; Norfolk, Va., 7590.

**Thunderstorms**.—At Bachman's Valley, on the 9th; at Burkittsville, on the 9th; at Charlotte Hall, on the 8th, 25th, 31st; at Cherryfields, on the 25th; at Denton, on the 25th; at Easton, on the 25th; at Frederick, on the 9th; at Grantsville, on the 25th, 30th; at Hancock, on the 9th; at Jewell, on the 25th; at Mardela Springs, on the 25th, 27th, 30th; at Milford, Del., on the 25th; at Millsboro, Del., on the 25th; at Mt. St. Mary's, on the 8th; at Pocomoke City, on the 25th; at Seaford, Del., on the 25th; at Solomon's, on the 25th, 30th; at Sunnyside, on the 25th, 27th; at Wilmington, Del., on the 25th.

**Hail**.—At Bachman's Valley, on the 9th, 15th, 24th; at Burkittsville, on the 9th, 15th, 24th, 30th; at Charlotte Hall, on the 19th; at Denton, on the 25th; at Frederick, on the 15th; at Garrison, on the 24th, 30th; at Glyndon, on the 20th; at Jewell, on the 9th, 25th; at Millsboro, Del., on the 3rd; at Milford, Del., on the 9th, 25th; at Mt. St. Mary's, on the 15th, 24th, 30th; at Oakland, on the 15th; at Solomon's, on the 2nd; at Upper Marlboro, on

the 25th; at Wilmington, Del., on the 9th, 15th, 16th, 29th; at Woodstock College, on the 8th.

**Sleet.**—At Bachman's Valley, on the 16th; at Baltimore, on the 2nd, 11th, 15th, 20th; at Boettcherville, on the 15th; at Burkittsville, on the 9th, 24th; at Cumberland, on the 15th; at Denton, on the 25th; at Dover, Del., on the 15th, 16th; at Garrison, on the 2nd, 9th, 15th; at Glyndon, on the 15th; at Grantsville, on the 15th; at Jewell, on the 15th; at Frederick, on the 16th, 24th; at Millsboro, Del., on the 3rd, 11th; at Oakland, on the 15th; at Sharpsburg, on the 14th, 15th; at Sunnyside, on the 15th, 24th; at Upper Marlboro, on the 25th; at Wilmington, Del., on the 15th, 16th; at Woodstock College, on the 15th, 24th.

**Auroras.**—At Charlotte Hall, on the 18th; at Princess Anne, on the 18th, 19th.

**Halos, lunar.**—At Garrison, on the 29th; at Pocomoke City, on the 19th.

**Fogs, dense.**—At Bachman's Valley, on the 1st, 2nd, 13th; at Baltimore, on the 7th; at Burkittsville, on the 11th, 12th, 13th; at Cherryfields, on the 12th; at Garrison, on the 7th; at Jewell, on the 7th, 12th; at Millsboro, Del.,

on the 2nd, 8th, 12th; at Wilmington, Del., on the 1st, 8th, 12th; at Woodstock College, on the 2nd.

**Parhelia.**—At Easton, on the 29th; at Pocomoke City, on the 19th.

### Miscellaneous Notes.

The attention of observers is particularly invited to a comparison of their monthly mean temperatures with those of nearby stations. The wide differences in some cases are well shown by the isotherms. Where such differences exist, it would be well for the observers to find the cause and make any possible corrections in the exposure or faults of instruments. Care should be taken not to omit, on any day, the setting of the instruments.

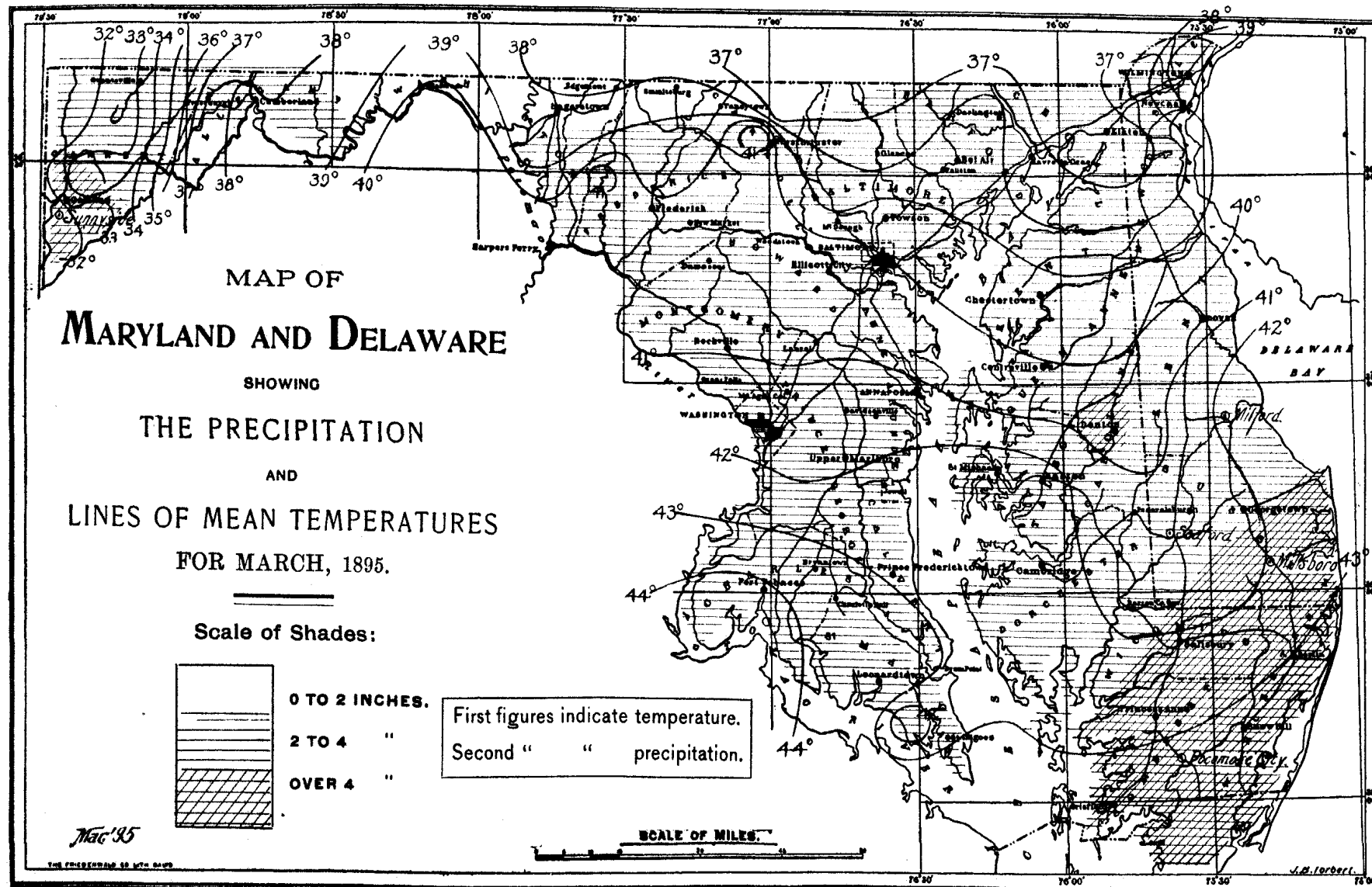
The U. S. Weather Bureau and the Maryland State Weather Service are fortunate in the recent establishment of a voluntary observing station at Hancock, Washington county. This station is an important link in the chain of stations extending from west to east across the State, and its value is already apparent. Dr. J. S. Diehl is the efficient observer.

### DAILY PRECIPITATION FOR MARCH, 1895.

| STATIONS.         | 1    | 2    | 3   | 4   | 5   | 6   | 7    | 8    | 9   | 10  | 11  | 12  | 13   | 14   | 15   | 16   | 17  | 18  | 19  | 20   | 21  | 22  | 23  | 24  | 25  | 26  | 27   | 28  | 29  | 30  | 31    | Tot   |
|-------------------|------|------|-----|-----|-----|-----|------|------|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-------|-------|
| Sunnyside         | .02  | .42  | ... | .14 | T   |     | .12  | ...  | .10 | ... | .19 | .06 | .54  | .18  | 1.60 | .40  | ... | .10 | .30 | .50  | ... | ... | .14 | .15 | .07 | †   | 1.15 | ... | ... | ... | 6.20  |       |
| Oakland           | .06  | .41  | ... | .17 | T   |     | T    | ...  | .32 | .01 | .17 | .06 | .37  | .03  | 1.35 | .39  | .03 | .13 | ... | .81  | ... | ... | .14 | .16 | .05 | ... | 1.06 | ... | ... | ... | 5.22  |       |
| Deer Park         | ...  | .30  | .23 | ... | ... | ... | ...  | ...  | .40 | ... | .10 | ... | ...  | 1.20 | .02  | .03  | ... | ... | ... | .06  | ... | ... | .10 | .01 | ... | ... | ...  | ... | ... | ... | 3.25  |       |
| Grantsville       | ...  | .40  | ... | .10 | ... | ... | ...  | ...  | .10 | ... | .30 | ... | .15  | ...  | 1.00 | .10  | ... | ... | ... | .20  | ... | ... | .35 | .40 | ... | ... | ...  | ... | ... | ... | 3.10  |       |
| Westport          | T    | .20  | ... | ... | ... | ... | ...  | ...  | ... | ... | .10 | ... | ...  | ...  | T    | ...  | ... | T   | ... | .20  | ... | ... | T   | .10 | ... | .30 | ...  | .30 | ... | ... | 1.10  |       |
| Boettcherv.       | ...  | .30  | ... | ... | ... | ... | T    | T    | ... | ... | .30 | ... | .30  | ...  | 1.00 | T    | ... | T   | ... | .10  | ... | T   | ... | .10 | ... | ... | 50   | ... | ... | ... | 2.60  |       |
| Cumb. (a)         | ...  | ...  | ... | ... | ... | ... | .06  | ...  | ... | ... | †   | .35 | ...  | ...  | †    | 1.20 | ... | ... | ... | ...  | ... | ... | †   | .40 | ... | .52 | ...  | ... | T   | ... | 2.53  |       |
| Cumb. (b)         | ...  | .30  | ... | ... | ... | ... | .07  | ...  | ... | ... | ... | .84 | .14  | .84  | .60  | ...  | ... | ... | ... | ...  | ... | .08 | ... | ... | ... | ... | .58  | ... | ... | ... | 2.46  |       |
| Hancock           | ...  | .60  | ... | ... | ... | ... | .04  | ...  | ... | ... | †   | .60 | ...  | .39  | .02  | ...  | ... | ... | T   | ...  | ... | ... | .09 | ... | T   | ... | ...  | ... | ... | ... | 1.74  |       |
| Sharpsburg        | †    | .54  | ... | .03 | ... | ... | .07  | ...  | ... | ... | .23 | ... | .54  | †    | .70  | ...  | ... | ... | ... | ...  | ... | ... | .16 | T   | T   | †   | .22  | ... | T   | ... | 2.56  |       |
| Burk'tavle.       | .04  | .36  | ... | .02 | ... | ... | .11  | ...  | .19 | ... | .12 | ... | .25  | .12  | .74  | .01  | ... | ... | ... | ...  | ... | ... | .12 | ... | T   | ... | .15  | ... | .02 | ... | 2.23  |       |
| Mt. St. My's Col. | †    | .57  | ... | T   | ... | ... | .41  | ...  | ... | ... | .29 | ... | .54  | .14  | ...  | ...  | ... | ... | ... | ...  | ... | ... | .04 | ... | T   | ... | ...  | .01 | ... | ... | 1.90  |       |
| Fred'k. (a).      | †    | .57  | ... | .03 | ... | ... | .16  | ...  | .12 | ... | .26 | ... | .40  | ...  | .81  | ...  | ... | ... | ... | ...  | ... | ... | .14 | ... | T   | ... | ...  | ... | ... | ... | 2.49  |       |
| Fred'k. (b).      | ...  | †    | ... | †   | ... | ... | †    | ...  | ... | ... | .25 | ... | .40  | .15  | .70  | ...  | ... | ... | ... | ...  | ... | ... | ... | ... | ... | ... | ...  | ... | ... | ... | *1.50 |       |
| Taneytown         | ...  | ...  | ... | ... | ... | ... | ...  | ...  | ... | ... | ... | ... | ...  | ...  | ...  | ...  | ... | ... | ... | ...  | ... | ... | ... | ... | ... | ... | ...  | ... | ... | ... | ...   | 1.93  |
| Bach. V'y         | ...  | .56  | ... | T   | ... | ... | .11  | ...  | .10 | ... | .25 | T   | .34  | ...  | .40  | .05  | ... | ... | ... | T    | ... | ... | .09 | .02 | .01 | ... | ...  | ... | ... | ... | ...   | *2.74 |
| W'tminst'r        | ...  | .75  | ... | ... | ... | ... | .18  | ...  | .15 | ... | .18 | ... | .63  | ...  | .83  | ...  | ... | ... | ... | ...  | ... | ... | .20 | ... | †   | ... | ...  | ... | ... | ... | ...   | *1.46 |
| Glyndon           | ...  | †    | ... | ... | ... | ... | †    | ...  | ... | ... | .18 | ... | .44  | ...  | .63  | .13  | ... | ... | ... | ...  | ... | ... | .08 | T   | T   | ... | ...  | ... | ... | T   | ...   | 2.47  |
| Garrison          | ...  | .57  | ... | .01 | ... | ... | ...  | ...  | .10 | ... | .38 | ... | .49  | ...  | .88  | ...  | ... | ... | ... | T    | ... | ... | .04 | T   | T   | ... | ...  | ... | ... | T   | ...   | 1.52  |
| Woodst. Col       | ...  | .60  | ... | T   | ... | ... | T    | .25  | ... | ... | .32 | ... | ...  | T    | ...  | .35  | ... | ... | ... | T    | ... | ... | T   | T   | ... | ... | ...  | ... | ... | ... | ...   | 2.94  |
| Baltimore         | ...  | .69  | ... | .02 | ... | ... | .13  | .35  | .10 | ... | .18 | .05 | .45  | .04  | .67  | .14  | ... | ... | ... | T    | ... | ... | .10 | .02 | T   | ... | ...  | .02 | ... | ... | ...   | 2.85  |
| Fallston          | ...  | .60  | ... | T   | ... | ... | .46  | .17  | ... | ... | .18 | ... | .51  | ...  | .84  | T    | ... | ... | ... | ...  | ... | ... | .07 | T   | ... | ... | ...  | ... | ... | ... | ...   | 2.73  |
| Darlington        | ...  | .54  | ... | ... | ... | ... | .30  | ...  | .09 | ... | .26 | ... | .64  | ...  | .84  | ...  | ... | ... | ... | ...  | ... | ... | .06 | ... | ... | ... | ...  | ... | ... | ... | ...   | ...   |
| Great Falls       | ...  | ...  | ... | ... | ... | ... | ...  | ...  | ... | ... | ... | ... | ...  | ...  | ...  | ...  | ... | ... | ... | ...  | ... | ... | ... | ... | ... | ... | ...  | ... | ... | ... | ...   | ...   |
| Annapolis         | ...  | ...  | ... | ... | ... | ... | ...  | ...  | ... | ... | ... | ... | ...  | ...  | ...  | ...  | ... | ... | ... | ...  | ... | ... | ... | ... | ... | ... | ...  | ... | ... | ... | ...   | ...   |
| Jewell            | ...  | .92  | ... | ... | ... | ... | †    | .93  | .12 | ... | .14 | ... | .54  | ...  | .35  | ...  | ... | ... | ... | T    | ... | ... | .08 | .18 | ... | ... | ...  | ... | ... | T   | ...   | 3.26  |
| Dist. R. D.C      | ...  | ...  | ... | ... | ... | ... | ...  | ...  | ... | ... | ... | ... | ...  | ...  | ...  | ...  | ... | ... | ... | ...  | ... | ... | ... | ... | ... | ... | ...  | ... | ... | ... | ...   | ...   |
| Rec. R. D.C       | ...  | ...  | ... | ... | ... | ... | ...  | ...  | ... | ... | ... | ... | ...  | ...  | ...  | ...  | ... | ... | ... | ...  | ... | ... | ... | ... | ... | ... | ...  | ... | ... | ... | ...   | ...   |
| Wash., D.C        | ...  | .83  | ... | .01 | ... | ... | .06  | .35  | .17 | ... | .22 | T   | .47  | .04  | .22  | .07  | ... | ... | ... | T    | ... | ... | .11 | .01 | T   | ... | ...  | ... | ... | .02 | .01   | 2.59  |
| Col. Park         | ...  | .73  | ... | ... | ... | ... | .08  | .40  | .16 | ... | .13 | ... | .55  | ...  | .35  | .09  | ... | ... | ... | ...  | ... | ... | .10 | .05 | ... | ... | ...  | ... | .09 | ... | ...   | 2.73  |
| Up. Marl.         | ...  | 1.40 | ... | ... | ... | ... | .30  | .42  | .18 | ... | .20 | ... | .51  | .06  | .22  | .10  | T   | ... | ... | T    | ... | ... | .11 | T   | T   | ... | ...  | ... | ... | .20 | .10   | 3.50  |
| La Plata          | ...  | .95  | .20 | ... | ... | ... | .60  | .20  | .20 | ... | ... | ... | .50  | .20  | ...  | .45  | ... | ... | ... | ...  | ... | ... | ... | ... | ... | ... | ...  | ... | ... | .15 | .10   | 3.15  |
| Bel Alton         | ...  | .40  | .50 | ... | ... | ... | .80  | ...  | .25 | ... | ... | ... | .20  | ...  | .45  | ...  | ... | ... | ... | ...  | ... | ... | ... | ... | ... | ... | ...  | ... | ... | ... | ...   | 2.85  |
| Pope's Cr'k       | ...  | ...  | ... | ... | ... | ... | ...  | ...  | ... | ... | ... | ... | ...  | ...  | ...  | ...  | ... | ... | ... | ...  | ... | ... | ... | ... | ... | ... | ...  | ... | ... | ... | ...   | ...   |
| Solomon's         | ...  | 1.13 | ... | ... | ... | ... | .86  | .12  | ... | ... | .11 | ... | .62  | ...  | .13  | .10  | ... | ... | ... | ...  | ... | ... | .01 | T   | T   | ... | ...  | ... | ... | .14 | ...   | 3.29  |
| Charl. Hall       | ...  | 1.40 | ... | ... | ... | ... | .85  | ...  | ... | ... | .16 | ... | .10  | .39  | .10  | ...  | ... | ... | ... | T    | T   | ... | T   | T   | ... | ... | ...  | ... | ... | .28 | ...   | 3.28  |
| Cherryfields      | ...  | .52  | .32 | ... | ... | ... | 1.06 | .27  | ... | ... | .09 | ... | .55  | ...  | †    | .22  | ... | ... | ... | .30  | ... | ... | .03 | T   | T   | ... | ...  | ... | ... | .22 | ...   | 3.55  |
| Chestert'n.       | ...  | ...  | ... | ... | ... | ... | .85  | .15  | ... | ... | .30 | .05 | .79  | ...  | †    | ...  | ... | ... | ... | ...  | ... | ... | .03 | T   | T   | ... | ...  | ... | ... | ... | ...   | *2.17 |
| Denton            | ...  | 1.06 | ... | ... | ... | ... | .50  | .60  | .50 | .05 | ... | .23 | .56  | T    | ...  | .45  | ... | ... | ... | ...  | ... | ... | .11 | ... | ... | ... | ...  | ... | ... | ... | ...   | 4.05  |
| Easton            | †    | 1.04 | ... | ... | ... | ... | 1.17 | ...  | ... | ... | †   | ... | .71  | ...  | †    | .33  | ... | ... | ... | ...  | ... | ... | .02 | .18 | ... | ... | ...  | ... | ... | ... | ...   | 3.45  |
| Mardela Sp.       | ...  | .82  | .10 | ... | ... | ... | †    | 1.17 | T   | ... | .12 | ... | .74  | .72  | ...  | .11  | .32 | ... | ... | ...  | ... | ... | ... | ... | ... | ... | ...  | ... | ... | ... | ...   | 3.30  |
| Pr'cess An.       | ...  | .70  | .35 | ... | ... | ... | .35  | 1.13 | .30 | ... | .14 | ... | .74  | ...  | .14  | .11  | ... | ... | ... | .32  | ... | ... | ... | ... | ... | ... | ...  | ... | ... | ... | ...   | 4.28  |
| Poc'm'k Cit       | ...  | .50  | †   | .60 | ... | ... | .08  | 1.08 | .32 | ... | .10 | ... | .53  | .10  | .25  | .13  | ... | ... | ... | †    | .48 | ... | T   | .26 | ... | ... | ...  | ... | ... | ... | ...   | 4.43  |
| Wilm't. Del.      | T    | .43  | ... | .01 | ... | ... | .27  | .40  | .12 | ... | T   | .04 | ...  | .63  | 1.50 | .18  | ... | ... | ... | ...  | ... | ... | T   | .03 | T   | ... | ...  | ... | ... | ... | ...   | 3.61  |
| Newark, Del.      | ...  | .58  | ... | .02 | ... | ... | .34  | .37  | .06 | ... | .08 | ... | .72  | ...  | .88  | ...  | ... | ... | ... | ...  | ... | ... | .04 | ... | ... | ... | ...  | ... | ... | ... | ...   | 3.09  |
| Dover, Del.       | ...  | .77  | ... | ... | ... | ... | †    | 1.27 | ... | ... | †   | ... | 1.15 | ...  | ...  | .60  | ... | ... | ... | ...  | ... | ... | ... | ... | ... | ... | ...  | ... | ... | ... | ...   | 3.79  |
| Milford, Del.     | †    | .23  | ... | ... | ... | ... | †    | 1.13 | .49 | ... | ... | .03 | ...  | ...  | ...  | .49  | ... | ... | ... | ...  | ... | ... | .01 | .31 | ... | ... | ...  | ... | ... | ... | ...   | 2.69  |
| Seaford, Del      | ...  | .70  | .02 | ... | ... | ... | †    | 1.49 | .14 | ... | .10 | ... | .81  | ...  | ...  | .29  | ... | ... | ... | ...  | ... | ... | .02 | .27 | ... | ... | ...  | ... | ... | ... | ...   | 3.84  |
| Millsb'o, Del     | ...  | .69  | .30 | T   | ... | ... | .52  | .96  | .16 | ... | .11 | ... | .90  | ...  | .30  | ...  | ... | ... | ... | .05  | ... | ... | .02 | .77 | ... | ... | ...  | ... | ... | ... | ...   | 4.66  |
| B'dsn't. Va.      | ...  | 1.55 | .20 | T   | ... | ... | †    | .90  | .15 | ... | .06 | ... | .95  | ...  | .05  | .55  | ... | ... | ... | ...  | ... | ... | ... | ... | ... | ... | ...  | ... | ... | ... | ...   | 5.00  |
| Norfolk, Va.      | ...  | .40  | .81 | T   | T   | ... | .05  | .87  | .48 | ... | .03 | T   | ...  | .36  | .03  | .07  | .50 | .02 | ... | 1.73 | .20 | ... | T   | ... | .06 | ... | ...  | ... | ... | ... | ...   | 5.36  |
| Warsaw, Va        | 1.02 | .15  | ... | ... | ... | ... | .26  | .27  | ... | ... | .11 | ... | .51  | .12  | .09  | ...  | ... | ... | ... | ...  | ... | ... | ... | ... | ... | ... | ...  | ... | ... | ... | ...   | 8.72  |
| Phila. Pa.        | T    | .33  | ... | T   | ... | ... | .29  | .44  | .18 | ... | .05 | .06 | .31  | .26  | .39  | .26  | ... | ... | ... | ...  | ... | ... | .04 | .01 | T   | ... | T    | ... | T   | ... | ...   | 2.61  |

NOTE.—"T" indicates a trace of rain or melted snow. † Dates on which rain fell, but not measured until next observation.

\* Record incomplete.



# Meteorological and Weather Signal Display Stations of the Maryland State Weather Service.

| Stations.                          | County.              | Meteorological Observer.                                                                                                                | Displayman.                                 |
|------------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| Annapolis .....                    | Anne Arundel .....   | J. E. Abbott.....                                                                                                                       | W. M. Abbott.                               |
| Appleton .....                     | Cecil .....          |                                                                                                                                         | W. C. Henderson.                            |
| Bachman's Valley.....              | Carroll .....        | J. M. Myers.                                                                                                                            |                                             |
| Baltimore .....                    |                      | G. N. Wilson.<br>J. H. Donaldson.<br>A. T. Brewer.<br>Ass't Editor of Monthly Report.<br>R. C. New.<br>Ass't Editor of Weekly Bulletin. |                                             |
| Bel Air .....                      | Harford .....        |                                                                                                                                         | N. N. Nock.                                 |
| Bel Alton .....                    | Charles .....        | Walter Cox.                                                                                                                             |                                             |
| Boettcherville .....               | Allegany.....        | F. F. Brown.                                                                                                                            |                                             |
| Bradshaw.....                      | Baltimore .....      |                                                                                                                                         | B. F. Taylor.                               |
| Buckeystown .....                  | Frederick .....      |                                                                                                                                         | A. W. Nicodemus.                            |
| Burkittsville .....                | Frederick .....      | J. P. Siifer.                                                                                                                           |                                             |
| Cambridge .....                    | Dorchester.....      |                                                                                                                                         | Samuel Lehman.                              |
| Charlotte Hall .....               | St. Mary's .....     | J. Francis Coad.                                                                                                                        |                                             |
| Cherryfields.....                  | St. Mary's .....     | J. Edwin Coad.                                                                                                                          |                                             |
| Chestertown .....                  | Kent .....           | Hon. M. deK. Smith.                                                                                                                     |                                             |
| Cumberland.....                    | Allegany .....       | Howard Shriver.<br>E. T. Shriver.                                                                                                       |                                             |
| Darlington .....                   | Harford .....        | Prof. A. F. Galbreath.                                                                                                                  |                                             |
| Deer Park .....                    | Garrett .....        | S. P. Specht.                                                                                                                           |                                             |
| Delaware City, Del. ....           | New Castle.....      |                                                                                                                                         | W. E. Reybold.                              |
| Denton .....                       | Caroline .....       | F. C. Ramsdell.                                                                                                                         |                                             |
| Dickerson .....                    | Montgomery .....     |                                                                                                                                         | W. H. Dickerson.                            |
| Distributing Reservoir, D. C. .... |                      | Maj. J. G. D. Knight.                                                                                                                   |                                             |
| Dover, Del.....                    | Kent.....            | Jno. S. Jester .....                                                                                                                    | Philip Burnet.                              |
| Easton .....                       | Talbot .....         | Henry Shreve.....                                                                                                                       | Henry Shreve.                               |
| Fallston .....                     | Harford.....         | G. G. Curtiss, A. M.                                                                                                                    |                                             |
| Flintstone .....                   | Allegany.....        |                                                                                                                                         | N. T. Downes.                               |
| Frederick .....                    | Frederick.....       | McClintock Young, {<br>W. A. Lantz, {                                                                                                   | "The News."                                 |
| Frederica, Del .....               | Kent.....            |                                                                                                                                         | { Miss E. V. Newnom.<br>Miss L. T. Frazier. |
| Garey P. O.....                    | Howard .....         |                                                                                                                                         | Walter Dorsey.                              |
| Garrison.....                      | Baltimore .....      | A. W. Nyce.                                                                                                                             |                                             |
| Glyndon .....                      | Baltimore .....      | J. E. Henry .....                                                                                                                       | J. J. Dyer.                                 |
| Grantsville .....                  | Garrett .....        | J. S. Miller .....                                                                                                                      | T. H. Bittinger.                            |
| Great Falls.....                   | Montgomery .....     | Maj. J. G. D. Knight.                                                                                                                   |                                             |
| Hampstead .....                    | Carroll .....        |                                                                                                                                         | H. H. Meals.                                |
| Hancock .....                      | Washington.....      | Dr. J. S. Diehl.                                                                                                                        |                                             |
| Hartly, Del.....                   | Kent.....            |                                                                                                                                         | Miss C. A. Forde.                           |
| Havre de Grace .....               | Harford .....        |                                                                                                                                         | W. S. McCombs.                              |
| Johns Hopkins Hospital .....       |                      | W. L. Woods.                                                                                                                            |                                             |
| Kenton, Del.....                   | Kent.....            |                                                                                                                                         | W. S. Arthurs.                              |
| Kirkwood, Del.....                 | New Castle.....      | J. S. Carnagy.                                                                                                                          |                                             |
| La Plata.....                      | Charles .....        | J. S. Turner.....                                                                                                                       | J. S. Turner.                               |
| Laurel, Del.....                   | Sussex .....         |                                                                                                                                         | E. D. C. Hegeman.                           |
| Lonaconing .....                   | Allegany .....       |                                                                                                                                         | J. J. Robinson.                             |
| Mardela Springs .....              | Wicomico.....        | A. E. Acworth .....                                                                                                                     | L. A. Wilson.                               |
| Marshall Hall .....                | Charles .....        | F. H. Dea                                                                                                                               |                                             |
| McDonogh.....                      | Baltimore .....      | H. Pender.                                                                                                                              |                                             |
| Middletown .....                   | Frederick.....       |                                                                                                                                         | G. C. Rhoderick, Jr.                        |
| Milford, Del.....                  | Kent.....            | J. Y. Foulk .....                                                                                                                       | J. Y. Foulk.                                |
| Millsboro, Del.....                | Sussex .....         | Rev. L. W. Wells.                                                                                                                       |                                             |
| Mt. St. Mary's.....                | Frederick .....      | J. A. Mitchell, Ph. D. ....                                                                                                             | Jos. H. Martin.                             |
| Newark, Del.....                   | New Castle.....      | Prof. Wm. H. Bishop.                                                                                                                    |                                             |
| Oakland .....                      | Garrett .....        | J. Lee McComas, M. D.....                                                                                                               | J. L. McComas, M. D.                        |
| Odenton.....                       | Anne Arundel .....   |                                                                                                                                         | E. B. Watts.                                |
| Princess Anne.....                 | Somerset.....        | Jas. R. Stewart.....                                                                                                                    | L. F. Wilson.                               |
| Pocomoke City .....                | Worcester.....       | R. M. Stevenson .....                                                                                                                   | R. M. Stevenson.                            |
| Pope's Creek .....                 | Charles.....         | George Dent.                                                                                                                            |                                             |
| Receiving Reservoir, D. C. ....    |                      | Maj. J. G. D. Knight.                                                                                                                   |                                             |
| Rising Sun.....                    | Cecil .....          |                                                                                                                                         | Dr. L. R. Kirk.                             |
| Rockville.....                     | Montgomery .....     |                                                                                                                                         | Virgil T. Poole.                            |
| Salisbury .....                    | Wicomico.....        |                                                                                                                                         | L. W. Gunby.                                |
| Seaford, Del.....                  | Sussex .....         | H. L. Wallace .....                                                                                                                     | H. L. Wallace.                              |
| Sharpsburg .....                   | Washington.....      | R. L. Hiberger.                                                                                                                         |                                             |
| Smyrna, Del.....                   | Kent.....            |                                                                                                                                         | A. D. Yocum.                                |
| Snow Hill.....                     | Worcester.....       |                                                                                                                                         | Purnell & Vincent.                          |
| Solomon's .....                    | Calvert .....        | W. H. Marsh, M. D.                                                                                                                      |                                             |
| †Sparrow's Point .....             | Baltimore .....      |                                                                                                                                         | Md. Steel Co.                               |
| Sunnyside.....                     | Garrett .....        | John G. Knauer.                                                                                                                         |                                             |
| Sykesville .....                   | Carroll .....        |                                                                                                                                         | J. S. Hyatt.                                |
| Upper Marlboro.....                | Prince George's..... | J. B. Perrie.                                                                                                                           |                                             |
| Washington, D. C. ....             |                      | S. W. Beall.                                                                                                                            |                                             |
| Western Port .....                 | Allegany .....       | Prof. O. H. Bruce.                                                                                                                      |                                             |
| West Friendship.....               | Howard .....         |                                                                                                                                         | Postmaster.                                 |
| Westminster .....                  | Carroll .....        | Prof. Roland Watts.                                                                                                                     |                                             |
| Westover .....                     | Somerset .....       |                                                                                                                                         | E. D. Long.                                 |
| Wilmington, Del.....               | New Castle.....      | F. C. D. McKay .....                                                                                                                    | Wm. Lawton.                                 |
| Woodsboro .....                    | Frederick .....      |                                                                                                                                         | G. F. Smith.                                |
| Woodstock College .....            | Baltimore .....      | T. J. A. Freeman, S. J.                                                                                                                 |                                             |
| *Birdsneat, Va. ....               | Northampton .....    | C. R. Moore.                                                                                                                            |                                             |
| *Norfolk, Va. ....                 | Norfolk.....         | Jas. J. Gray.                                                                                                                           |                                             |
| *Warsaw, Va. ....                  | Richmond .....       | C. H. Constable.                                                                                                                        |                                             |

\*Stations of the Virginia State Weather Service. †Whistle signals only.

## MONTHLY SUMMARY OF REPORTS FOR MARCH, 1895.

| STATIONS.                            | COUNTIES.               | Altitude above sea in ft. | Latitude. | Longitude. | TEMPERATURE.  |              |              |         |       |         |            |                |       |      | Total Precipitation. | Total Snow-fall. | Clear Days. | Fair Days. | Cloudy Days. | Rainy Days. (0.01 in. or more) | Prevailing Winds. |
|--------------------------------------|-------------------------|---------------------------|-----------|------------|---------------|--------------|--------------|---------|-------|---------|------------|----------------|-------|------|----------------------|------------------|-------------|------------|--------------|--------------------------------|-------------------|
|                                      |                         |                           |           |            | Monthly Mean. | Mean of Max. | Mean of Min. | Max.    |       | Min.    |            | Monthly Range. |       |      |                      |                  |             |            |              |                                |                   |
|                                      |                         |                           |           |            |               |              |              | Degrees | Date. | Degrees | Date.      |                |       |      |                      |                  |             |            |              |                                |                   |
| WESTERN MARYLAND.                    |                         |                           |           |            |               |              |              |         |       |         |            |                |       |      |                      |                  |             |            |              |                                |                   |
| Sunnyside.....                       | Garrett.....            | 2440                      | 39°20'    | 79°21'     | 31.4          | 40.3         | 22.5         | 69      | 29    | 2       | 21, 22     | 67             | 6.20  | 22.2 | 8                    | 6                | 17          | 16         | S. W.        |                                |                   |
| Oakland.....                         | Garrett.....            | 2380                      | 39 24     | 79 18      | 33.2          | 43.5         | 23.0         | 66      | 29    | -3      | 21         | 69             | 5.22  | ...  | 11                   | 8                | 12          | 18         | S. W.        |                                |                   |
| Deer Park.....                       | Garrett.....            | 2457                      | 39 25     | 79 13      | 33.0          | 45.6         | 20.6         | 67      | 30    | -7      | 21         | 74             | 3.25  | 9.2  | ...                  | ...              | ...         | ...        | ...          |                                |                   |
| Grantsville.....                     | Garrett.....            | ...                       | 39 45     | 79 10      | 33.8          | 42.0         | 25.5         | 67      | 12    | 9       | 20         | 58             | 3.10  | 14.0 | 10                   | 6                | 14          | 10         | W.           |                                |                   |
| Westernport.....                     | Allegany.....           | ...                       | 39 28     | 78 2       | 37.0          | 46.5         | 27.4         | 60      | 1     | 12      | 20         | 48             | 1.10  | 5.0  | ...                  | ...              | ...         | ...        | ...          |                                |                   |
| Boettcherville <sup>1</sup> ...      | Allegany.....           | ...                       | 39 39     | 78 48      | 38.2          | ...          | ...          | 66      | 1     | 18      | 3          | 48             | 2.60  | 6.0  | ...                  | ...              | ...         | ...        | ...          |                                |                   |
| Cumberland (a)...                    | Allegany.....           | 650                       | 39 39     | 78 46      | 41.8          | 52.0         | 31.5         | 69      | 24    | 21      | 4          | 48             | 2.53  | 0.0  | ...                  | ...              | ...         | ...        | ...          |                                |                   |
| Cumberland (b)...                    | Allegany.....           | 700                       | 39 39     | 78 45      | 37.8          | 45.2         | 30.3         | 65      | 1     | 22      | 2, 3, 5, 6 | 43             | 2.45  | 3.0  | 12                   | 7                | 12          | 8          | W.           |                                |                   |
| Hancock.....                         | Washington...           | ...                       | 39 40     | 78 10      | 40.0          | 51.6         | 28.4         | 70      | 1     | 17      | 16         | 53             | 1.74  | 1.0  | 12                   | 12               | 7           | 6          | W.           |                                |                   |
| Sharpsburg.....                      | Washington...           | ...                       | 39 25     | 77 45      | 39.2          | 47.2         | 31.3         | 64      | 1     | 22      | 5          | 42             | 2.56  | 0.8  | 13                   | 9                | 9           | 11         | N. W.        |                                |                   |
| NORTHERN-CENTRAL MD.                 |                         |                           |           |            |               |              |              |         |       |         |            |                |       |      |                      |                  |             |            |              |                                |                   |
| Burkittsville.....                   | Frederick.....          | ...                       | 39 25     | 77 35      | 41.9          | 51.4         | 32.4         | 63      | 1     | 21      | 5          | 42             | 2.23  | 4.8  | ...                  | ...              | ...         | ...        | W.           |                                |                   |
| Mt. St. Mary's Col. <sup>1</sup> ... | Frederick.....          | 720                       | 39 43     | 77 20      | 38.6          | ...          | 26.5         | *61     | 1     | 14      | 5          | 47             | 1.80  | ...  | 7                    | 11               | 13          | 7          | N. W.        |                                |                   |
| Frederick (a).....                   | Frederick.....          | 280                       | 39 24     | 77 18      | 40.0          | 47.9         | 32.0         | 69      | 1     | 21      | 5          | 48             | 2.49  | 0.5  | ...                  | ...              | ...         | ...        | ...          |                                |                   |
| Frederick (b).....                   | Frederick.....          | 280                       | 39 24     | 77 18      | 41.0          | 49.7         | 32.2         | 66      | 1     | 22      | 5          | 44             | 1.50  | ...  | 16                   | 10               | 5           | ...        | N. W.        |                                |                   |
| Taneytown.....                       | Carroll.....            | ...                       | 39 40     | 77 9       | ...           | ...          | ...          | ...     | ...   | ...     | ...        | ...            | ...   | ...  | ...                  | ...              | ...         | ...        | ...          |                                |                   |
| Bachman's Val. <sup>1</sup> ...      | Carroll.....            | ...                       | 39 37     | 76 55      | 36.2          | ...          | ...          | 62      | 1     | 20      | 5, 6       | 42             | 1.93  | 1.6  | 16                   | 6                | 9           | 10         | N. W.        |                                |                   |
| Westminster.....                     | Carroll.....            | ...                       | 39 25     | 77 0       | 41.0          | 51.0         | 31.1         | 69      | 1, 2  | 17      | 5          | 52             | 12.74 | ...  | 18                   | 11               | 2           | 7          | ...          |                                |                   |
| †Glyndon.....                        | Baltimore...            | 660                       | 39 27     | 76 41      | 36.4          | 147.2        | 25.6         | 62      | 25    | 16      | 26         | 46             | 1.46  | ...  | ...                  | ...              | ...         | ...        | ...          |                                |                   |
| McDonogh.....                        | Baltimore...            | 535                       | 39 23     | 76 44      | 39.8          | 47.9         | 33.1         | 67      | 1     | 19      | 5          | 47             | ...   | ...  | ...                  | ...              | ...         | ...        | ...          |                                |                   |
| Garrison.....                        | Baltimore...            | ...                       | 39 23     | 76 49      | 39.0          | 49.0         | 28.9         | 66      | 1     | 19      | 5          | 47             | 2.47  | 3.0  | 13                   | 12               | 6           | 7          | W.           |                                |                   |
| Woodstock Col....                    | Baltimore...            | 392                       | 39 20     | 76 49      | 39.8          | 50.2         | 29.5         | 69      | 1     | 18      | 5          | 51             | 1.52  | 3.2  | 11                   | 10               | 10          | 4          | W.           |                                |                   |
| Baltimore.....                       | Baltimore...            | 179                       | 39 17     | 76 36      | 40.6          | 48.2         | 32.9         | 72      | 1     | 21      | 5          | 51             | 2.94  | 0.8  | 11                   | 15               | 5           | 13         | N. W.        |                                |                   |
| Johns Hopkins Hos                    | ...                     | ...                       | 39 17     | 76 36      | 39.8          | 48.3         | 31.3         | 70      | 1     | 21      | 5          | 49             | ...   | ...  | ...                  | ...              | ...         | ...        | ...          |                                |                   |
| Fallston <sup>1</sup> .....          | Harford.....            | 450                       | 39 31     | 76 24      | 38.2          | ...          | ...          | 64      | 1     | 20      | 5          | 44             | 2.85  | 0.7  | 9                    | 13               | 9           | 8          | N. W.        |                                |                   |
| Darlington.....                      | Harford.....            | 300                       | 39 39     | 76 14      | 38.4          | 46.8         | 29.5         | 66      | 1     | 19      | 5          | 47             | 2.73  | 1.5  | 19                   | 4                | 8           | 7          | N. W.        |                                |                   |
| †Great Falls <sup>2</sup> ...        | Montgomery...           | ...                       | 39 0      | 77 14      | 40.8          | ...          | ...          | 70      | 1     | 24      | 5          | 46             | 2.86  | ...  | ...                  | ...              | ...         | ...        | ...          |                                |                   |
| SOUTHERN MARYLAND.                   |                         |                           |           |            |               |              |              |         |       |         |            |                |       |      |                      |                  |             |            |              |                                |                   |
| Annapolis.....                       | Anne Arund <sup>1</sup> | 20                        | 39 58     | 76 30      | ...           | ...          | ...          | ...     | ...   | ...     | ...        | ...            | ...   | ...  | ...                  | ...              | ...         | ...        | ...          |                                |                   |
| Jewell.....                          | Anne Arund <sup>1</sup> | ...                       | 38 44     | 76 36      | 42.8          | 51.9         | 33.8         | 71      | 1     | 22      | 5          | 49             | 3.26  | ...  | ...                  | ...              | ...         | ...        | ...          |                                |                   |
| †Dist. Res., D. C. <sup>2</sup> ...  | ...                     | ...                       | 38 52     | 77 0       | 41.8          | ...          | ...          | 67      | 1     | 26      | 5          | 41             | 2.63  | ...  | ...                  | ...              | ...         | ...        | ...          |                                |                   |
| †Rec. Res., D. C. <sup>2</sup> ...   | ...                     | ...                       | 38 52     | 77 0       | 40.8          | ...          | ...          | 68      | 1     | 22      | 5, 22      | 46             | 2.50  | ...  | ...                  | ...              | ...         | ...        | ...          |                                |                   |
| Washington, D. C.                    | ...                     | 112                       | 38 52     | 77 0       | 41.8          | 50.0         | 33.5         | 74      | 1     | 22      | 5          | 52             | 2.59  | ...  | 12                   | 10               | 9           | 14         | N. W.        |                                |                   |
| College Park.....                    | Pr. George's...         | ...                       | 38 58     | 76 56      | 41.4          | 51.4         | 31.4         | 72      | 1     | 20      | 6          | 52             | 2.73  | ...  | ...                  | ...              | ...         | ...        | ...          |                                |                   |
| Upper Marlboro...                    | Pr. George's...         | ...                       | 38 47     | 76 45      | 41.3          | 51.0         | 31.5         | 73      | 1     | 22      | 5          | 51             | 3.50  | T    | 16                   | 7                | 8           | 10         | S. W.        |                                |                   |
| Marshall Hall.....                   | Charles.....            | ...                       | 38 42     | 77 8       | ...           | ...          | ...          | ...     | ...   | ...     | ...        | ...            | ...   | ...  | ...                  | ...              | ...         | ...        | ...          |                                |                   |
| La Plata.....                        | Charles.....            | ...                       | 38 32     | 77 0       | 43.2          | 52.5         | 34.0         | 70      | 1     | 26      | 4          | 44             | 3.15  | ...  | ...                  | ...              | ...         | ...        | ...          |                                |                   |
| Bel Alton.....                       | Charles.....            | ...                       | 38 26     | 77 1       | 44.4          | 54.3         | 34.6         | 73      | 1     | 26      | 4          | 47             | 2.85  | ...  | ...                  | ...              | ...         | ...        | ...          |                                |                   |
| Charles.....                         | Charles.....            | ...                       | 38 22     | 77 1       | ...           | ...          | ...          | ...     | ...   | ...     | ...        | ...            | ...   | ...  | ...                  | ...              | ...         | ...        | ...          |                                |                   |
| Pope's Creek.....                    | Calvert.....            | 20                        | 38 22     | 77 1       | ...           | ...          | ...          | ...     | ...   | ...     | ...        | ...            | ...   | ...  | ...                  | ...              | ...         | ...        | ...          |                                |                   |
| Solomon's.....                       | Calvert.....            | 20                        | 38 19     | 76 27      | 43.2          | 51.6         | 34.8         | 69      | 1     | 25      | 5          | 44             | 3.29  | 1.0  | 7                    | 7                | 17          | 10         | N. W.        |                                |                   |
| Charlotte Hall...                    | St. Mary's...           | ...                       | 38 28     | 76 48      | 43.2          | 53.5         | 33.0         | 70      | 1     | 22      | 6          | 48             | 3.28  | T    | 12                   | 11               | 8           | 7          | N. E.        |                                |                   |
| Cherryfields <sup>2</sup> ...        | St. Mary's...           | ...                       | 38 11     | 76 24      | 41.8          | ...          | ...          | ...     | ...   | ...     | ...        | ...            | 3.55  | 3.5  | 9                    | 16               | 6           | 9          | N. W.        |                                |                   |
| EASTERN MD. AND DELAWARE.            |                         |                           |           |            |               |              |              |         |       |         |            |                |       |      |                      |                  |             |            |              |                                |                   |
| Chestertown.....                     | Kent.....               | 80                        | 39 13     | 76 4       | 39.2          | 47.1         | 31.4         | 66      | 1     | 22      | 5          | 44             | 12.17 | ...  | 15                   | 9                | 7           | 7          | N. W.        |                                |                   |
| Denton.....                          | Caroline.....           | 42                        | 38 47     | 75 41      | 40.6          | 49.5         | 31.6         | 71      | 1     | 23      | 22         | 48             | 4.05  | 0.5  | ...                  | ...              | ...         | ...        | ...          |                                |                   |
| Easton.....                          | Talbot.....             | 35                        | 38 42     | 76 6       | 42.8          | 51.6         | 34.1         | 74      | 1     | 23      | 5          | 51             | 3.45  | 0.0  | 11                   | 8                | 12          | 10         | N. W.        |                                |                   |
| Mardela Spr.....                     | Wicomico.....           | 25                        | 38 30     | 75 39      | 41.9          | 50.8         | 33.0         | 68      | 1     | 23      | 6          | 45             | 3.30  | 1.5  | 11                   | 9                | 11          | 11         | N. W.        |                                |                   |
| Princess Anne.....                   | Somerset.....           | ...                       | 38 10     | 75 35      | 42.3          | 51.7         | 32.9         | 65      | 1     | 23      | 6, 23      | 42             | 4.28  | 3.2  | 11                   | 12               | 8           | 10         | N. W.        |                                |                   |
| Pocomoke City.....                   | Worcester.....          | 37                        | 38 5      | 75 38      | 43.9          | 52.7         | 35.1         | 68      | 1     | 26      | 6, 17      | 42             | 4.43  | ...  | 16                   | 6                | 9           | 12         | N. W.        |                                |                   |
| Wilmington, Del...                   | Newcastle.....          | 115                       | 39 44     | 75 33      | 40.7          | 51.0         | 30.4         | 67      | 1     | 19      | 5          | 48             | 3.61  | 1.2  | 9                    | 16               | 6           | 10         | W.           |                                |                   |
| Newark, Del.....                     | Newcastle.....          | ...                       | 39 40     | 75 37      | 37.9          | 46.9         | 28.9         | 63      | 1     | 19      | 5          | 44             | 3.09  | 0.5  | 13                   | 8                | 10          | 8          | N. W.        |                                |                   |
| Kirkwood, Del. <sup>2</sup> ...      | Newcastle.....          | ...                       | 39 35     | 75 41      | 36.4          | ...          | ...          | ...     | ...   | ...     | ...        | ...            | ...   | ...  | ...                  | ...              | ...         | ...        | ...          |                                |                   |
| Dover, Del.....                      | Kent.....               | 40                        | 39 10     | 75 30      | 40.6          | 48.6         | 32.7         | 67      | 1     | 23      | 5          | 44             | 3.79  | ...  | 17                   | 6                | 8           | 9          | N. W.        |                                |                   |
| Milford, Del.....                    | Kent.....               | ...                       | 38 45     | 75 25      | 42.4          | 51.8         | 32.9         | 69      | 1     | 24      | 5, 6       | 45             | 2.69  | ...  | 19                   | 4                | 8           | 7          | S. W.        |                                |                   |
| Seaford, Del.....                    | Sussex.....             | ...                       | 38 40     | 75 35      | 41.8          | 51.8         | 31.9         | 67      | 1     | 22      | 5          | 45             | 3.84  | ...  | ...                  | ...              | ...         | ...        | ...          |                                |                   |
| Millsboro, Del....                   | Sussex.....             | ...                       | 38 44     | 75 15      | 42.0          | 51.2         | 32.7         | 68      | 1     | 22      | 6          | 46             | 4.66  | 2.0  | 17                   | 6                | 8           | 10         | N.           |                                |                   |
| †VIRGINIA.                           |                         |                           |           |            |               |              |              |         |       |         |            |                |       |      |                      |                  |             |            |              |                                |                   |
| Birdsne <sup>1</sup> .....           | Northampton             | ...                       | ...       | ...        | 44.2          | ...          | ...          | 72      | 1     | 30      | 3, 5, 17   | 42             | 5.00  | 2.6  | 8                    | 7                | 16          | 10         | N. W.        |                                |                   |
| Norfolk.....                         | ...                     | ...                       | ...       | ...        | 46.8          | 56.0         | 37.6         | 76      | 30    | 29      | 17         | 47             | 5.36  | 1.5  | 16                   | 7                | 8           | 14         | N.           |                                |                   |
| Warsaw.....                          | Richmond.....           | ...                       | ...       | ...        | 43.6          | 53.3         | 34.0         | 72      | 1     | 22      | 17         | 50             | 3.72  | 1.5  | 12                   | 13               | 6           | 11         | N.           |                                |                   |
| †PENNSYLVANIA.                       |                         |                           |           |            |               |              |              |         |       |         |            |                |       |      |                      |                  |             |            |              |                                |                   |
| Philadelphia.....                    | ...                     | ...                       | ...       | ...        | 38.0          | 45.7         | 30.2         | 64      | 1     | 18      | 5          | 46             | 2.61  | 3.8  | 18                   | 7                | 11          | 12         | N. W.        |                                |                   |
| AVERAGES                             |                         |                           |           |            |               |              |              |         |       |         |            |                |       |      |                      |                  |             |            |              |                                |                   |
| Western Maryland.....                |                         | ...                       | ...       | ...        | 36.5          | 46.0         | 26.7         | ...     | ...   | ...     | ...        | 55.0           | 3.08  | 6.8  | 10.6                 | 7.4              | 12.4        | 11.6       | ...          | S. W.                          |                   |
| Northern-Cent'l Md.                  |                         | ...                       | ...       | ...        | 39.5          | 49.0         | 29.0         | ...     | ...   | ...     | ...        | 47.9           | 2.44  | 2.0  | 13.3                 | 10.2             | 7.4         | 7.9        | ...          | N. W.                          |                   |
| Southern Maryland...                 |                         | ...                       | ...       | ...        | 42.6          | 52.0         | 33.3         | ...     | ...   | ...     | ...        | 48.4           | 3.13  | 1.1  | 11.2                 | 10.2             | 9.6         | 10.2       | ...          | N. W.                          |                   |
| East. Md. and Del.                   |                         | ...                       | ...       | ...        | 41.0          | 50.4         | 32.3         | ...     | ...   | ...     | ...        | 45.3           | 3.74  | 1.3  | 13.9                 | 8.4              | 8.7         | 9.4        | ...          | N. W.                          |                   |
| Entire territory.....                |                         | ...                       | ...       | ...        | 39.9          | 49.4         | 30.3         | ...     | ...   | ...     | ...        | 49.2           | 3.10  | 2.8  | 12.5                 | 9.3              | 9.5         | 9.8        | ...          | N. W.                          |                   |

\* Extremes of temperature from observed readings of dry thermometer. A numeral following the name of a station indicates the hours of observation from which the mean temperature was obtained, thus:

† Mean of 7 a. m. + 2 p. m. + 9 p. m. + 9 p. m. + 4. \* Mean of 8 a. m. + 8 p. m. + 2. \* Mean of 7 a. m. + 2 p. m. + 2. The absence of a numeral indicates that the mean temperature has been obtained from daily readings of the maximum and minimum thermometers. Letters of the alphabet are used to denote the number of days that are missing from record; for instance, "a" denotes 1 day missing. An italic letter following the name of a station indicates that two or more observers, as the case may be, are reporting from the same station. † Omitted in computing averages. ‡ Received after report had gone to press and therefore omitted in computing averages and in preparing map.