

| 1942.   | MORN        |                     | 9 HRS |      | Anemometer. |        | Clouds. |                | Weather.           |                    | RAIN<br>GAUGES |             |       |      |  |  |
|---------|-------------|---------------------|-------|------|-------------|--------|---------|----------------|--------------------|--------------------|----------------|-------------|-------|------|--|--|
| JANUARY | Bar.<br>mb. | Att.<br>Ther.<br>°F | Dry.  | Wet. | Dir.        | Force. | Amount  | Form.          | At time<br>of obs. | Since<br>last obs. | 8 INS<br>INS   | Auto<br>INS | Total | m.m. |  |  |
| 1       | 1016.2      | 42.0                | 45.7  | 43.7 | SSW         | 4      | 9+      | AsAc<br>Sc     | c                  | c                  | 0.03           | 0.03        | 0.03  | 0.7  |  |  |
| 2       | 1016.6      | 44.8                | 47.6  | 46.6 | S'W         | 3      | 10      | As<br>Fm       | o                  | o, d, o            | 0.23           | 0.23        | 0.26  | 5.9  |  |  |
| 3       | 1005.0      | 48.4                | 51.1  | 50.5 | S'W         | 5      | 10      | As<br>Fm<br>Sc | o, o               | q, RR              | 0.16           | 0.17        | 0.43  | 4.3  |  |  |
| 4       | 995.8       | 45.2                | 41.0  | 40.6 | W'N         | 2      | 3       | Fm             | bc                 | o, o, cb           | 0.22           | 0.22        | 0.65  | 5.5  |  |  |
| 5       | 1014.0      | 39.0                | 28.5  | 26.9 | N           | 2      | 1       | Sc             | b                  | b                  | 0.01           | 0.01        | 0.66  | 0.3  |  |  |
| 6       | 1018.7      | 39.6                | 35.7  | 35.5 | SW'S        | 2      | 9+      | As<br>Fm       | c                  | c, r, o            | 0.02           | 0.02        | 0.68  | 0.4  |  |  |
| 7       | 1021.0      | 39.6                | 36.8  | 36.5 | SW          | 2      | 4       | As<br>Sc<br>Ac | cb                 | b                  | 0.02           | 0.02        | 0.70  | 0.4  |  |  |
| 8       | 1018.0      | 40.0                | 37.5  | 37.1 | SW          | 2      | 8       | Sc<br>Ac       | cb                 | c, cb              | 0.02           | 0.02        | 0.72  | 0.6  |  |  |
| 9       | 1009.9      | 40.3                | 36.9  | 35.7 | NNW         | 2      | 5       | Sc             | cb                 | bc                 | —              | —           | —     | —    |  |  |
| 10      | 1016.0      | 35.2                | 26.8  | 25.8 | SSW         | 2      | 0       | —              | b                  | b                  | —              | —           | —     | —    |  |  |
| 11      | 1010.4      | 35.6                | 34.1  | 33.3 | S'W         | 4      | 9+      | As<br>Sc       | cb                 | b, bc, c           | 0.08           | 0.08        | 0.80  | 2.0  |  |  |
| 12      | 1002.0      | 36.3                | 33.7  | 32.5 | S'W         | 3      | 9+      | As<br>Ac       | c                  | o, s, rs           | 0.12           | 0.12        | 0.92  | 3.0  |  |  |
| 13      | 983.7       | 35.8                | 32.5  | 31.6 | SEW         | 3      | 12      | Ac<br>Sc       | b                  | o, cb, bc          | —              | —           | —     | —    |  |  |
| 14      | 994.4       | 35.8                | 30.6  | 30.2 | SSW         | 2      | —       | —              | f                  | b, f               | 0.02           | 0.02        | 0.94  | 0.4  |  |  |
| 15      | 998.8       | 37.0                | 38.1  | 36.3 | SSW         | 6      | 10      | Ns<br>Fm       | o                  | q, c, o            | 0.67           | 0.67        | 1.61  | 17.0 |  |  |
| 16      | 991.2       | 37.2                | 37.9  | 36.6 | SE          | 5      | 10      | Ns<br>Fm       | o, rr              | q, rr              | 0.16           | 0.16        | 1.77  | 4.1  |  |  |
| 17      | 1008.0      | 37.4                | 35.0  | 35.0 | S           | 2      | 9       | Ac             | sf                 | o                  | 0.21           | 0.22        | 1.99  | 5.5  |  |  |
| 18      | 1008.1      | 39.2                | 38.0  | 37.8 | W           | 2      | 2       | Sc             | bc                 | o, cb, c           | 0.04           | 0.04        | 2.03  | 1.0  |  |  |
| 19      | 1001.0      | 42.2                | 44.9  | 43.8 | S'E         | 7      | 10      | Ns<br>Fm       | o, r               | bc, o, r           | 0.35           | 0.35        | 2.38  | 9.0  |  |  |
| 20      | 1005.0      | 39.0                | 36.6  | 34.8 | S'W         | 3      | 10      | Ac             | b                  | bc, b              | —              | —           | —     | —    |  |  |
| 21      | 1003.0      | 42.6                | 43.8  | 42.6 | SSE         | 5      | 10      | As<br>Fm       | o                  | bc, c, o           | 0.31           | 0.32        | 2.70  | 8.0  |  |  |
| 22      | 1007.9      | 40.6                | 36.7  | 35.9 | SSW         | 3      | 9       | Sc             | bc                 | bc, o              | 0.25           | 0.26        | 2.96  | 6.5  |  |  |
| 23      | 991.2       | 45.5                | 49.1  | 48.6 | S'W         | 4      | 10      | Ns<br>Fm       | o, rr              | o, r               | 0.12           | 0.12        | 3.08  | 3.0  |  |  |
| 24      | 991.0       | 42.6                | 41.2  | 40.1 | S           | 3      | 10      | St             | o                  | c, o               | 0.18           | 0.19        | 3.27  | 4.6  |  |  |
| 25      | 984.4       | 41.0                | 39.9  | 39.5 | W'S         | 3      | 1       | Sc             | bc                 | c, cb, bc          | 0.05           | 0.06        | 3.33  | 1.6  |  |  |
| 26      | 1000.2      | 39.2                | 34.3  | 33.1 | N'W         | 1      | 8       | Sc<br>Cu       | gc                 | cb, b              | 0.05           | 0.08        | 3.41  | 2.0  |  |  |
| 27      | 986.6       | 42.2                | 44.6  | 43.8 | S'W         | 6      | 10      | As<br>Fm       | o, r, o            | q, r               | 0.47           | 0.47        | 3.88  | 12.0 |  |  |
| 28      | 986.6       | 39.0                | 35.0  | 34.6 | SW          | 3      | 6       | Sc<br>Fm       | cb                 | cb, p, rs          | 0.22           | 0.22        | 4.10  | 5.3  |  |  |
| 29      | 996.6       | 38.8                | 35.3  | 34.9 | NNW         | 2      | 7       | Ac<br>As<br>Sc | cb                 | c, cb              | 0.09           | 0.09        | 4.19  | 2.4  |  |  |
| 30      | 990.7       | 39.0                | 35.5  | 35.1 | S'W         | 2      | 10      | Ns             | o, rs              | bc, p, r           | 0.31           | 0.32        | 4.51  | 8.0  |  |  |
| 31      | 1007.1      | 39.0                | 33.9  | 33.4 | WNW         | 1      | 9+      | Sc             | c                  | bc, b              | 0.36           | 0.37        | 4.88  | 9.3  |  |  |



| 1942.   | Corrected Barometer |             |                         | Humidity |     |               | IN<br>GROUND |       |            |                                                    |  |
|---------|---------------------|-------------|-------------------------|----------|-----|---------------|--------------|-------|------------|----------------------------------------------------|--|
| JANUARY | Bar<br>in.          | Bar.<br>INS | Attached<br>Thermometer | V.T.     | %   | GRASS<br>MIN. | 1 FT.        | 4 FT. | VISIBILITY | REMARKS:—                                          |  |
| 1       | 1026.0              | 30.297      | 78.6                    | 8.8      | 84  | 41.0          | 40.1         | 45.2  | K          | Breezy cloudy morn, cloudy night:                  |  |
| 2       | 1026.1              | 30.300      | 80.1                    | 10.3     | 92  | 45.6          | 42.0         | 44.8  | K          | Dull night and day, drizzle:                       |  |
| 3       | 1013.8              | 29.938      | 82.1                    | 12.2     | 96  | 47.0          | 43.8         | 44.9  | J          | Dull windy rainy morn and night:                   |  |
| 4       | 1005.3              | 29.686      | 80.3                    | 8.4      | 96  | 37.4          | 44.3         | 44.7  | J          | Rainy night, dull mild morn:                       |  |
| 5       | 1024.3              | 30.248      | 76.9                    | 4.2      | 79  | 21.5          | 42.3         | 45.0  | J          | Clear, cool, frosty night: clear, cool morn:       |  |
| 6       | 1029.8              | 30.410      | 77.2                    | 6.9      | 98  | 31.8          | 40.4         | 45.0  | I          | Cloudy morn and night, cool; slight rain in night: |  |
| 7       | 1030.2              | 30.422      | 77.2                    | 7.2      | 97  | 28.9          | 39.9         | 44.9  | K          | Cool clear night, cool bright sunny morn:          |  |
| 8       | 1028.1              | 30.360      | 77.4                    | 7.3      | 96  | 28.0          | 39.5         | 44.7  | I          | Cool bright morn:                                  |  |
| 9       | 1019.9              | 30.117      | 77.6                    | 6.5      | 87  | 30.2          | 39.8         | 44.6  | K          | Mostly clear night, bright sunny morn:             |  |
| 10      | 1026.8              | 30.321      | 74.8                    | 4.2      | 85  | 22.5          | 35.8         | 44.5  | K          | Cold frosty morn and night:                        |  |
| 11      | 1020.9              | 30.147      | 75.0                    | 6.0      | 92  | 22.4          | 37.2         | 43.9  | K          | Cold dull breezy morn and night:                   |  |
| 12      | 1012.4              | 29.896      | 75.4                    | 5.7      | 87  | 28.0          | 37.0         | 43.9  | K          | Cloudy sleety night; Bright morn tending to cloud: |  |
| 13      | 994.0               | 29.353      | 75.1                    | 5.6      | 90  | 27.5          | 36.8         | 43.6  | K          | Bright clear morn; mostly clear frosty night:      |  |
| 14      | 1004.8              | 29.671      | 75.1                    | 5.5      | 95  | 26.0          | 36.6         | 43.4  | C          | Clear, cool, night: foggy morn:                    |  |
| 15      | 1009.0              | 29.795      | 75.8                    | 6.5      | 83  | 21.9          | 36.1         | 42.8  | I          | Very windy, cold threatening morn:                 |  |
| 16      | 1001.6              | 29.577      | 75.9                    | 7.2      | 96  | 33.8          | 36.9         | 42.7  | J          | High wind at night, rain at night obsn.            |  |
| 17      | 1018.3              | 30.070      | 76.0                    | 6.9      | 100 | 30.0          | 37.7         | 42.5  | E          | Overcast night. Low fog from 21 hrs. Bright morn.  |  |
| 18      | 1018.2              | 30.067      | 77.0                    | 7.6      | 98  | 30.2          | 38.1         | 42.0  | K          | Cool bright morn, rain after 21 hrs, cloudy night: |  |
| 19      | 1010.5              | 29.840      | 78.7                    | 9.3      | 91  | 37.8          | 38.6         | 42.0  | I          | Wild rainy morn:                                   |  |
| 20      | 1015.0              | 29.973      | 76.9                    | 6.1      | 82  | 30.4          | 39.4         | 42.2  | K          | Cool bright sunny morn:                            |  |
| 21      | 1012.6              | 29.902      | 78.9                    | 8.7      | 90  | 39.9          | 39.5         | 42.4  | J          | Cool windy morn:                                   |  |
| 22      | 1017.8              | 30.056      | 77.8                    | 6.8      | 92  | 34.0          | 40.0         | 42.1  | K          | Cool bright morn:                                  |  |
| 23      | 1000.3              | 29.538      | 80.5                    | 11.4     | 76  | 39.5          | 40.8         | 42.5  | J          | Wet morn and night:                                |  |
| 24      | 1000.5              | 29.544      | 78.9                    | 8.0      | 90  | 36.0          | 41.9         | 42.5  | K          | Overcast dull morn:                                |  |
| 25      | 994.1               | 29.358      | 78.0                    | 8.1      | 96  | 36.0          | 40.4         | 42.4  | K          | Bright showery night, breezy morn:                 |  |
| 26      | 1010.2              | 29.831      | 77.0                    | 5.8      | 87  | 26.3          | 39.1         | 42.7  | K          | Cold, clear, windless morn:                        |  |
| 27      | 995.9               | 29.409      | 78.8                    | 9.4      | 93  | 33.0          | 38.8         | 42.8  | J          | Overcast night, windy rainy morn:                  |  |
| 28      | 996.5               | 29.437      | 76.9                    | 6.6      | 96  | 32.5          | 39.0         | 42.7  | K          | Variable sky, showers, rain and snow, cool.        |  |
| 29      | 1001.5              | 29.722      | 76.8                    | 6.7      | 96  | 28.9          | 38.5         | 42.3  | K          | Cool bright morn:                                  |  |
| 30      | 1000.6              | 29.548      | 76.8                    | 6.7      | 96  | 32.0          | 38.1         | 42.4  | I          | Dull night, cold morn, with snow and rain.         |  |
| 31      | 1017.3              | 30.041      | 76.1                    | 6.3      | 95  | 25.0          | 38.0         | 42.2  | K          | Clear frosty night calm morn:                      |  |



| 1942.   | EVEN        |                     | 21 hrs. |      | Anemometer. |        | Clouds. |          | Weather.           |                    | TEMPERATURE |      | January, 1942.                            |
|---------|-------------|---------------------|---------|------|-------------|--------|---------|----------|--------------------|--------------------|-------------|------|-------------------------------------------|
| JANUARY | Bar.<br>mb. | Att.<br>Ther.<br>°F | Dry.    | Wet. | Dir.        | Force. | Amount  | Form.    | At time<br>of obs. | Since<br>last obs. | MAX.        | MIN. |                                           |
| 1       | 1016.7      | 42.8                | 47.2    | 46.8 | SW          | 2      | 10      | Fm<br>Sc | c                  | c, or, o           | 48.1        | 42.3 | Total Rainfall ..... 4.88 inches          |
| 2       | 1012.0      | 45.2                | 48.0    | 46.7 | SSW         | 5      | 10      | Sc<br>Fm | o, o               | o                  | 49.2        | 46.4 | Total Sunshine ..... 59.8 hours           |
| 3       | 1000.0      | 46.8                | 49.2    | 48.5 | S'W         | 2      | 10      | Fm       | o                  | o, o               | 52.6        | 47.8 |                                           |
| 4       | 1006.1      | 42.4                | 35.6    | 34.6 | N'E         | 4      | 9+      | Sc       | c                  | o, or, o           | 54.8        | 34.9 | Max. temp. 54.8°F on 4th January.         |
| 5       | 1017.6      | 40.7                | 34.0    | 32.9 | NNW         | 2      | 10      | Sc       | o                  | b, b, o            | 40.0        | 27.0 | Min. temp. 24.3°F on 10th January.        |
| 6       | 1020.2      | 40.5                | 35.8    | 35.4 | W'S         | 1      | 1       | Sc       | bc                 | cb, b, c           | 42.5        | 32.8 |                                           |
| 7       | 1019.8      | 41.0                | 40.2    | 39.8 | NW'W        | 2      | 10      | Sc<br>Fm | or                 | b, b, b, o         | 46.1        | 34.0 | Lowest max. temp. 33.4°F on 14th Jan.     |
| 8       | 1013.6      | 41.2                | 39.4    | 38.8 | W'S         | 2      | 3       | Fm       | bc                 | cb, o, bc          | 46.2        | 34.0 | Highest min. temp. 47.8°F on 3rd Jan.     |
| 9       | 1012.7      | 39.2                | 31.0    | 29.6 | N           | 1      | 6       | Sc       | b                  | cb, bc             | 40.7        | 30.4 |                                           |
| 10      | 1014.8      | 37.2                | 27.6    | 27.0 | -           | 0      | 0       | -        | b                  | b                  | 38.8        | 24.3 | Average max. temp. 44.2°F                 |
| 11      | 1012.3      | 37.0                | 32.9    | 32.8 | S'W         | 2      | 10      | Ns       | o, s               | c, o, rs           | 37.2        | 27.0 | Average min. temp. 34.5°F                 |
| 12      | 1013.2      | 37.2                | 37.9    | 37.2 | S'W         | 4      | 10      | Ns<br>Fm | o, rs              | o, rs.             | 38.2        | 31.0 |                                           |
| 13      | 986.2       | 37.2                | 32.7    | 31.9 | SSW         | 2      | 0       | -        | b                  | b                  | 39.5        | 30.7 | Mean temp. for month 39.4°F               |
| 14      | 1002.2      | 35.6                | 28.0    | 27.8 | S           | 2      | 9+      | St       | c                  | o, f               | 33.4        | 28.0 |                                           |
| 15      | 990.0       | 37.4                | 37.6    | 26.9 | ESE         | 7      | 10      | Fm       | ORh                | o, or.             | 39.4        | 25.2 | Min. grass temp. 21.6°F on 15th           |
| 16      | 1001.6      | 46.4                | 36.5    | 36.3 | ESE         | 2      | 10      | Fm       | o                  | or, o              | 38.7        | 34.9 |                                           |
| 17      | 999.2       | 41.0                | 43.5    | 42.8 | S           | 5      | 10      | Fm       | o, b               | c, cb, b, o        | 43.8        | 34.9 | Highest Bar. at M.S.L. 1021 mb on 7th     |
| 18      | 1009.0      | 41.2                | 41.0    | 40.2 | S           | 2      | 9+      | Co       | a                  | b, bc, cb          | 49.4        | 37.0 | Lowest Bar. at M.S.L. 983.2 mb on 12th    |
| 19      | 1000.1      | 42.2                | 41.7    | 41.0 | W           | 1      | 7       | Sc       | cb                 | o, or, c           | 45.4        | 39.9 |                                           |
| 20      | 1004.7      | 41.3                | 41.4    | 40.7 | S'E         | 4      | 3       | Fm       | bc                 | cb, c              | 45.6        | 33.6 | Greatest Daily Rainfall 0.67 ins. on 15th |
| 21      | 1004.2      | 42.8                | 43.4    | 42.0 | S'E         | 5      | 10      | AS<br>Fm | o, v, o            | o                  | 45.5        | 41.2 | Greatest Daily Sunshine 6.9 hrs. on 29th  |
| 22      | 1002.5      | 40.5                | 40.1    | 39.8 | S'W         | 4      | 10      | NS<br>Fm | or                 | bc, cb, o, or      | 44.0        | 35.5 | Weather Summary                           |
| 23      | 993.0       | 44.6                | 47.0    | 45.9 | WNW         | 2      | 9+      | Sc       | c                  | cb, o, or, o       | 52.0        | 39.9 | 9h only 24h.                              |
| 24      | 979.0       | 41.8                | 40.2    | 39.8 | WSW         | 4      | 3       | Fm       | bc                 | o, or, o           | 47.6        | 39.4 | Snow or Sleet                             |
| 25      | 991.4       | 41.0                | 36.8    | 35.3 | W           | 4      | 2       | Sc       | bc                 | p, h, ps           | 45.8        | 35.5 | Snow lying                                |
| 26      | 1003.7      | 40.2                | 36.4    | 35.1 | S'E         | 3      | 2       | ci       | bc                 | cb, bc, cb, b      | 44.8        | 32.3 | Hail                                      |
| 27      | 990.5       | 41.0                | 36.7    | 35.8 | SW'S        | 3      | 6       | St       | cb                 | or, b, or          | 47.0        | 34.7 | Thunder heard                             |
| 28      | 983.0       | 39.2                | 37.6    | 37.4 | SW'W        | 4      | 9+      | Fm       | cb                 | c, cb              | 41.4        | 34.2 | Fog.                                      |
| 29      | 1005.1      | 41.0                | 35.2    | 34.7 | W'S         | 2      | 6       | Sc       | b                  | bc, cb             | 46.9        | 34.2 | Ground Frost                              |
| 30      | 992.0       | 39.8                | 36.5    | 35.8 | N'W         | 2      | 9+      | Sc<br>Fm | a                  | bc, b              | 44.0        | 34.0 | Gale (force 3 or more)                    |
| 31      | 1006.1      | 39.4                | 37.9    | 37.5 | S'W         | 3      | 10      | NS<br>Fm | or                 | q, or              | 42.0        | 31.1 | Air Frost                                 |

1370.6

1068.7



1942.

Corrected Barometer

Humidity

| JANUARY | Attached<br>Thermometer | Bar.<br>m.b. | Bar.<br>i.n.s. | V.T. | %  | SUN-<br>SHINE | VISIBILITY | REMARKS:-                                                          |
|---------|-------------------------|--------------|----------------|------|----|---------------|------------|--------------------------------------------------------------------|
| 1       | 79.0                    | 1026.4       | 30.309         | 10.7 | 97 | 0.0           | K          | Dull day, rain in even, overcast night:                            |
| 2       | 80.3                    | 1021.4       | 30.162         | 10.3 | 90 | 0.0           | K          | Dull breezy day, dull night, slight drizzle:                       |
| 3       | 81.2                    | 1009.1       | 29.798         | 11.3 | 95 | 0.4           | K          | Dull, windy, showery day, overcast wet night:                      |
| 4       | 78.8                    | 1015.8       | 29.997         | 6.3  | 90 | 0.0           | K          | Dull rainy day, windy afternoon, improved night:                   |
| 5       | 77.8                    | 1027.6       | 30.345         | 5.9  | 89 | 6.7           | K          | Cool bright sunny day, cool night, some snow lying:                |
| 6       | 77.7                    | 1030.2       | 30.422         | 6.8  | 76 | 0.4           | J          | Cool bright sunny day, bright mild night:                          |
| 7       | 78.0                    | 1029.8       | 30.410         | 8.1  | 96 | 2.6           | J          | Cold sunny day, dull wet night:                                    |
| 8       | 78.1                    | 1023.6       | 30.227         | 7.7  | 94 | 2.6           | K          | Bright sunny cloudy showery day, bright night:                     |
| 9       | 77.0                    | 1023.0       | 30.209         | 5.0  | 84 | 0.6           | K          | Mostly cloudy day, cold frosty night:                              |
| 10      | 76.9                    | 1025.3       | 30.277         | 4.6  | 91 | 4.5           | H          | Clear cold day and night:                                          |
| 11      | 75.8                    | 1022.8       | 30.203         | 6.3  | 99 | 0.0           | I          | Cloudy sleety night, day bright snow tending to cloud:             |
| 12      | 76.9                    | 993.1        | 29.326         | 7.2  | 93 | 0.3           | J          | Overcast day with intermittent snow and sleet, windy.              |
| 13      | 76.9                    | 996.6        | 29.430         | 6.0  | 91 | 6.3           | K          | Bright sunny day, clear night:                                     |
| 14      | 75.0                    | 1012.7       | 29.905         | 5.0  | 96 | 0.0           | E          | Overcast, foggy day, cloudy night:                                 |
| 15      | 76.0                    | 1000.0       | 29.530         | 7.0  | 93 | 0.0           | J          | Cold, windy, day; cold stormy night heavy rain + hail.             |
| 16      | 81.0<br>76.0            | 1010.9       | 29.852         | 7.1  | 98 | 0.0           | K          | Mostly windy, rainy day, overcast night:                           |
| 17      | 78.0                    | 1009.1       | 29.798         | 9.0  | 94 | 3.8           | K          | Foggy morning, cloudy to bright day, windy even, rain from 21 hrs. |
| 18      | 78.1                    | 1018.9       | 30.088         | 8.1  | 93 | 4.6           | K          | Bright sunny day, cloudy night:                                    |
| 19      | 78.7                    | 1009.7       | 29.816         | 8.4  | 94 | 0.0           | K          | Wild rainy day, calm night:                                        |
| 20      | 78.2                    | 1014.6       | 29.961         | 8.3  | 93 | 5.0           | K          | Breezy cool night, cloudy day:                                     |
| 21      | 79.0                    | 1013.9       | 29.740         | 8.5  | 88 | 0.3           | J          | Windy overcast day and night, few drops of rain at obs.            |
| 22      | 77.7                    | 1012.4       | 29.896         | 8.2  | 97 | 0.0           | J          | Mostly cloudy day, breezy wet night:                               |
| 23      | 80.0                    | 1002.2       | 29.595         | 10.0 | 91 | 0.0           | K          | Overcast rainy day, cloudy night:                                  |
| 24      | 78.5                    | 988.4        | 29.187         | 8.1  | 96 | 0.0           | K          | Rainy afternoon, clearing later, breezy night:                     |
| 25      | 78.0                    | 1001.2       | 29.565         | 6.3  | 85 | 4.2           | K          | Windy squally day, showers of rain snow and hail.                  |
| 26      | 77.5                    | 1013.6       | 29.932         | 6.3  | 87 | 5.7           | K          | Bright cool sunny day, cool bright night:                          |
| 27      | 76.0                    | 1000.3       | 29.539         | 6.7  | 91 | 2.5           | K          | Overcast day with showers of hail and rain.                        |
| 28      | 77.0                    | 992.8        | 29.318         | 7.5  | 98 | 1.5           | K          | Overcast day, rain and snow, breezy wet night:                     |
| 29      | 78.0                    | 1015.0       | 29.773         | 6.6  | 95 | 6.9           | K          | Cool bright day and night:                                         |
| 30      | 77.3                    | 1001.9       | 29.586         | 6.7  | 93 | 0.1           | K          | Mostly overcast day rain and snow:                                 |
| 31      | 77.1                    | 1016.2       | 30.008         | 7.5  | 96 | 0.8           | J          | Mostly dull day, dull rainy night:                                 |



[illegible]



[illegible]



| 1942.    | EVEN       | 21 hrs.             |      | Anemometer. |      | Clouds. |        | Weather.          |                    | TEMPERATURE        |              |              |                                          |
|----------|------------|---------------------|------|-------------|------|---------|--------|-------------------|--------------------|--------------------|--------------|--------------|------------------------------------------|
| FEBRUARY | Bar.<br>mb | Att.<br>Ther.<br>°F | Dry. | Wet.        | Dir. | Force.  | Amount | Form.             | At time<br>of obs. | Since<br>last obs. | MAX.         | MIN.         |                                          |
| 1        | 1003.2     | 42.8                | 48.6 | 48.2        | W'N  | 4       | 10     | Sc                | o, do              | o, do              | 48.9         | 37.1         | Total Rainfall ..... 1.19 inches         |
| 2        | 1004.3     | 42.8                | 43.5 | 43.4        | S'W  | 2       | 10     | N <sub>3</sub> Fm | or <sub>o</sub>    | o, or, o           | 49.0         | 40.7         | Total Sunshine ..... 65.6 hours          |
| 3        | 1002.3     | 44.4                | 44.5 | 43.6        | WNW  | 2       | 9+     | Fm                | cb                 | o, or, o           | 52.4         | 43.4         |                                          |
| 4        | 1015.7     | 41.0                | 33.4 | 32.0        | NE   | 2       | 3      | Fm                | bc                 | o, or, o           | 45.0         | 33.1         | Max. temp. 52.4°F on 3rd Feb.            |
| 5        | 1020.2     | 40.6                | 33.7 | 32.3        | NE'N | 1       | 10     | Sc                | os                 | bc, cc             | 40.9         | 28.9         | Min. temp. 20.0°F on 23rd Feb.           |
| 6        | 1011.9     | 40.2                | 40.9 | 40.8        | N'E  | 1       | 10     | St                | o                  | o, do, o           | 41.3         | 32.0         |                                          |
| 7        | 1019.0     | 39.4                | 32.3 | 30.9        | N    | 1       | 6      | Sc                | bc                 | cb, c, b           | 41.8         | 32.0         | Lowest Max. temp. 33.7°F on 22nd         |
| 8        | 1017.1     | 36.0                | 39.9 | 39.7        | SW   | 3       | 9+     | Sc                | c                  | c, o, do           | 40.1         | 29.8         | Highest Min. temp. 43.4°F on 3rd         |
| 9        | 1012.0     | 40.3                | 42.6 | 42.1        | W    | 2       | 4      | Sc                | bc                 | c, cb              | 46.0         | 39.1         |                                          |
| 10       | 1008.6     | 39.6                | 34.5 | 32.6        | W'S  | 1       | 2      | Sc                | bc                 | o, o, c            | 47.3         | 33.1         | Average Max. temp. .... 42.9°F           |
| 11       | 1005.6     | 37.6                | 36.2 | 35.1        | S'W  | 3       | 9+     | Ac As<br>Cu Sc    | o, cb              | cb                 | 39.6<br>37.2 | 30.7<br>28.7 | Average Min. temp. ... 31.7°F            |
| 12       | 1001.5     | 41.0                | 42.1 | 41.4        | W'N  | 2       | 6      | Fm                | bc                 | o, or, c           | 50.0         | 26.2         |                                          |
| 13       | 1017.0     | 39.8                | 35.0 | 33.6        | WNW  | 2       | 9+     | Sc                | c                  | o, or, o           | 43.1         | 34.9         | Mean temp. for month ... 37.3°F          |
| 14       | 1022.8     | 39.2                | 36.9 | 33.8        | S'W  | 2       | 4      | Sc                | bc                 | c                  | 42.0         | 33.7         |                                          |
| 15       | 1023.6     | 41.2                | 41.9 | 39.2        | S'E  | 4       | 10     | Sc                | o                  | bc, b, bc          | 44.9         | 30.7         | Min. grass temp. 16.3°F on 23rd          |
| 16       | 1030.7     | 40.8                | 36.3 | 34.7        | SE   | 2       | 6      | Sc                | b                  | b                  | 44.2         | 35.4         |                                          |
| 17       | 1029.6     | 39.2                | 33.8 | 32.1        | E'N  | 2       | 10     | Sc                | o                  | b, c, o            | 39.4         | 29.4         | Highest Bar. at M.S.L. 1031.0 mb on 17th |
| 18       | 1027.8     | 38.6                | 35.0 | 32.9        | E'N  | 2       | 10     | Sc                | o                  | o                  | 37.3         | 33.0         | Lowest Bar. at M.S.L. 994.5 mb, 27+28    |
| 19       | 1022.8     | 37.4                | 28.9 | 28.6        | E'S  | 2       | 0      | -                 | b                  | o, c               | 37.1         | 28.6         |                                          |
| 20       | 1013.3     | 36.6                | 28.5 | 28.2        | E    | 1       | 6      | -                 | b                  | bc, b              | 42.8         | 24.0         | Greatest daily Rainfall 0.56 in. on 28th |
| 21       | 1004.3     | 35.6                | 30.0 | 29.8        | NE'E | 2       | 10     | Sc                | o                  | os, cb             | 37.1         | 27.2         | Greatest daily Sunshine 8.3 hrs. on 26th |
| 22       | 1000.2     | 34.0                | 25.2 | 24.7        | N    | 1       | 3      | Sc                | bc                 | c, so              | 33.7         | 25.2         | Weather Summary.                         |
| 23       | 997.2      | 36.5                | 32.8 | 31.1        | N'E  | 2       | 10     | Sc<br>Fm          | o                  | bc, c              | 40.9         | 20.0         | 9th only 24.5                            |
| 24       | 999.4      | 37.6                | 33.3 | 31.7        | S'E  | 2       | 9+     | Ac                | c                  | c                  | 43.1         | 30.4         | Snow or Sleet                            |
| 25       | 1005.3     | 37.2                | 33.6 | 31.3        | S    | 2       | 0      | -                 | b                  | c, bc              | 43.0         | 22.6         | Snow lying                               |
| 26       | 1004.1     | 37.2                | 37.9 | 35.3        | S    | 3       | 7      | St                | cb                 | b, bc              | 45.4         | 28.8         | Hail                                     |
| 27       | 994.5      | 39.2                | 36.9 | 34.8        | SSW  | 4       | 2      | Cis               | bc                 | c, c, cb           | 46.9         | 34.4         | Thunder heard                            |
| 28       | 996.8      | 37.4                | 33.6 | 33.5        | NE   | 2       | 10     | Ns                | or                 | os, or             | 37.6         | 32.2         | Fog                                      |
| 29       |            |                     |      |             |      |         |        |                   |                    |                    |              |              |                                          |
| 30       |            |                     |      |             |      |         |        |                   |                    |                    | 1200.8       | 38.6         | Ground Frost                             |
| 31       |            |                     |      |             |      |         |        |                   |                    |                    |              |              | Gale (force 8 or more)                   |
|          |            |                     |      |             |      |         |        |                   |                    |                    |              |              | Air Frost                                |



1942.

Corrected Barometer

Humidity

| Feb. | Bar.<br>mb.<br>1443 | Bar.<br>INS. | Attached<br>Therm.<br>°F. | V.T. | % | Sun.<br>SHINE | VISIBILITY |
|------|---------------------|--------------|---------------------------|------|---|---------------|------------|
|------|---------------------|--------------|---------------------------|------|---|---------------|------------|

|    |        |        |      |       |      |     |   |                                                               |
|----|--------|--------|------|-------|------|-----|---|---------------------------------------------------------------|
| 1  | 1012.7 | 29.905 | 79.0 | 11.2  | 97   | 0.0 | K | Dull, overcast day and night:                                 |
| 2  | 1014.0 | 29.943 | 79.0 | 9.6   | 99   | 0.0 | J | Mostly wet day, overcast wet night:                           |
| 3  | 1011.6 | 29.873 | 79.9 | 9.3   | 93   | 1.4 | K | Mostly dull day with slight rain, cloudy night:               |
| 4  | 1025.9 | 30.294 | 78.0 | 5.5   | 85   | 0.0 | K | Dull overcast day, slight rain, cool night:                   |
| 5  | 1030.4 | 30.438 | 77.8 | 5.7   | 85   | 4.9 | K | Mostly cool dull day, snow at obsn II.                        |
| 6  | 1022.0 | 30.179 | 77.5 | 8.5   | 99   | 0.0 | J | Dull drizzly day, dark, overcast night:                       |
| 7  | 1029.4 | 30.398 | 77.1 | 5.2   | 85   | 2.7 | K | Cold cloudy day, cool starry night:                           |
| 8  | 1027.7 | 30.348 | 75.2 | 8.2   | 98   | 0.0 | H | Dull day and night:                                           |
| 9  | 1022.0 | 30.179 | 77.6 | 8.9   | 96   | 0.0 | K | Cool cloudy day and night:                                    |
| 10 | 1018.7 | 30.083 | 77.2 | 6.0   | 76   | 0.3 | K | Mostly cloudy day, rain in even, cool night:                  |
| 11 | 1115.9 | 30.000 | 76.1 | 6.4   | 89   | 0.0 | K | Cool bright windy morn: Cold dull day and night               |
| 12 | 1011.4 | 29.867 | 78.0 | 8.5   | 94   | 1.3 | K | Cold morn, showery even, dark night:                          |
| 13 | 1027.1 | 30.330 | 77.3 | 5.9   | 85   | 0.7 | K | Cold morn with showers, cold, cloudy night:                   |
| 14 | 1033.0 | 30.504 | 77.0 | 5.6   | 69   | 0.0 | K | Cool cloudy day, clearing at night:                           |
| 15 | 1033.6 | 30.522 | 78.1 | 6.9   | 77   | 6.0 | K | Overcast night, bright sunny day.                             |
| 16 | 1040.8 | 30.735 | 77.9 | 6.0   | 84   | 7.7 | J | Cool bright sunny day, clear night:                           |
| 17 | 1040.1 | 30.714 | 77.0 | 6.4   | 82   | 4.7 | K | Cool overcast day and night:                                  |
| 18 | 1038.1 | 30.655 | 76.7 | 5.4   | 79   | -   | K | Overcast day and night:                                       |
| 19 | 1033.4 | 30.516 | 76.0 | 5.1   | 75   | -   | I | Cold dull day, bright frosty night:                           |
| 20 | 1023.8 | 30.233 | 75.6 | 5.0   | 94   | 5.5 | G | Bright cool day, clear frosty night:                          |
| 21 | 1014.8 | 29.967 | 75.0 | 5.5   | 96   | 0.5 | J | Overcast day with snow; cold dull night:                      |
| 22 | 1010.9 | 29.852 | 74.1 | 4.1   | 90   | 1.3 | K | Cloudy day, cold, slight intermittent snow: cool cloudy night |
| 23 | 1007.5 | 29.751 | 75.5 | 5.2   | 82   | 6.7 | I | Cloudy cold day and night:                                    |
| 24 | 1009.7 | 29.816 | 76.1 | 5.4   | 83   | 3.4 | K | Bright cloudy mild day and night:                             |
| 25 | 1015.7 | 29.994 | 75.9 | 5.1   | 77   | 6.6 | K | Clear cold day, breezy bright cold night:                     |
| 26 | 1014.1 | 29.946 | 77.0 | 5.8   | 75   | 8.3 | K | Clear cool day, cloudy breezy night:                          |
| 27 | 1004.4 | 29.650 | 77.0 | 5.9   | 79   | 3.6 | K | Cloudy wet morning, breezy day and night:                     |
| 28 | 1007.1 | 29.739 | 76.0 | 6.5   | 99   | 0.0 | I | Overcast day, snow changing to sleet, rainy night:            |
| 29 |        |        |      | 244.2 | 15.6 |     |   |                                                               |
| 30 |        |        |      |       |      |     |   |                                                               |
| 31 |        |        |      |       |      |     |   |                                                               |



1942.

MORN.

9 hrs.

Anemometer.

Clouds.

Weather.

RAIN

194

MARCH

|    | Bar.<br>m.b. | Att.<br>Ther.<br>°F | Dry. | Wet. | Dir. | Force. | Amount | Form.                            | At time<br>of obs. | Since<br>last obs.   | 8 INS<br>INS. | AUTO<br>INS | Total | m.m. |
|----|--------------|---------------------|------|------|------|--------|--------|----------------------------------|--------------------|----------------------|---------------|-------------|-------|------|
| 1  | 1002.3       | 37.4                | 37.0 | 36.8 | E'N  | 3      | 10     | N <sub>3</sub> /F <sub>m</sub>   | 0                  | on, 0                | 0.01          | 0.01        | 0.01  | 0.2  |
| 2  | 1002.2       | 38.3                | 39.0 | 37.8 | SE   | 5      | 10     | N <sub>8</sub>                   | 0                  | 0                    | (0.04)        | 0.04        | 0.05  | 1.0  |
| 3  | 974.9        | 41.8                | 44.5 | 44.5 | ESE  | 6      | 10     | As<br>F <sub>m</sub>             | or                 | o, r <sub>0</sub>    | 0.55          | 0.55        | 0.60  | 13.9 |
| 4  | 988.2        | 43.2                | 45.2 | 44.7 | SSE  | 4      | 9      | N <sub>3</sub><br>F <sub>m</sub> | cb                 | R <sub>0</sub> , cb  | 0.83          | 0.84        | 1.44  | 2.13 |
| 5  | 1000.5       | 39.2                | 33.0 | 32.6 | ENE  | 4      | 10     | F <sub>m</sub>                   | os                 | o, s                 | 0.03          | 0.04        | 1.48  | 0.9  |
| 6  | 999.7        | 37.0                | 30.6 | 30.4 | NNE  | 2      | 10     | As                               | SS <sub>0</sub>    | SS <sub>0</sub>      | 0.22          | 0.22        | 1.70  | 5.5  |
| 7  | 1001.8       | 34.6                | 28.5 | 27.0 | SSW  | 2      | 3      | Co                               | b                  | o, cb                | 0.17          | 0.18        | 1.88  | 4.6  |
| 8  | 995.6        | 37.2                | 38.8 | 36.8 | SW'S | 4      | 0      | -                                | b                  | c, bc                | -             | -           | -     | -    |
| 9  | 1001.9       | 37.0                | 33.0 | 31.9 | S'W  | 1      | 9      | Sc                               | bc                 | bc                   | -             | -           | -     | -    |
| 10 | 1006.0       | 37.6                | 34.4 | 33.7 | NNE  | 2      | 10     | St                               | o, s <sub>0</sub>  | b, bc, c, c          | -             | -           | -     | -    |
| 11 | 1005.3       | 37.8                | 36.0 | 34.7 | NE   | 2      | 10     | Ci                               | b                  | o, c, bc, bc         | 0.11          | 0.11        | 1.99  | 2.7  |
| 12 | 997.8        | 39.8                | 40.0 | 39.4 | S'E  | 2      | 10     | St                               | 0                  | or                   | -             | -           | -     | -    |
| 13 | 989.0        | 40.6                | 39.5 | 38.5 | E'N  | 3      | 10     | Sc                               | 0                  | 0                    | 0.14          | 0.14        | 2.13  | 3.6  |
| 14 | 985.9        | 42.2                | 45.2 | 45.0 | ESE  | 3      | 10     | As<br>F <sub>m</sub>             | o                  | or, 0                | 0.03          | 0.03        | 2.16  | 0.7  |
| 15 | 987.0        | 44.6                | 49.0 | 48.6 | S    | 3      | 9      | Sc                               | c                  | or, bc, c            | 0.10          | 0.10        | 2.26  | 2.6  |
| 16 | 990.0        | 46.4                | 47.8 | 46.1 | SSE  | 5      | 10     | As<br>F <sub>m</sub>             | or                 | o, or                | -             | -           | -     | -    |
| 17 | 986.3        | 48.0                | 51.8 | 49.8 | S'W  | 4      | 9      | Co/As<br>Sc                      | c                  | c, p <sub>0</sub>    | 0.08          | 0.08        | 2.34  | 2.0  |
| 18 | 988.0        | 47.6                | 48.9 | 47.6 | SSE  | 3      | 9      | Sc                               | c                  | c                    | -             | -           | -     | -    |
| 19 | 996.8        | 47.1                | 43.8 | 43.5 | NE   | 2      | 10     | St                               | 0                  | 0                    | 0.04          | 0.04        | 2.38  | 1.0  |
| 20 | 1006.0       | 47.0                | 48.0 | 45.8 | SW   | 3      | 5      | Co<br>Sc<br>an                   | c, p               | cb                   | 0.01          | 0.01        | 2.39  | 0.4  |
| 21 | 1013.1       | 44.8                | 39.7 | 39.6 | SW'S | 2      | -      | -                                | f                  | c, f                 | -             | -           | -     | -    |
| 22 | 1020.7       | 44.6                | 41.1 | 40.4 | NE   | 1      | 0      | -                                | bf                 | bf                   | -             | -           | -     | -    |
| 23 | 1024.0       | 46.0                | 46.8 | 44.8 | N    | 2      | 10     | Co                               | b                  | b                    | -             | -           | -     | -    |
| 24 | 1019.7       | 46.4                | 48.5 | 45.0 | SW   | 2      | 10     | Ci                               | b                  | b                    | -             | -           | -     | -    |
| 25 | 1015.4       | 48.2                | 46.9 | 46.0 | N'W  | 2      | 10     | Sc                               | 0                  | b, bc, cb, 0         | -             | -           | -     | -    |
| 26 | 1011.0       | 45.3                | 40.4 | 38.0 | NNE  | 2      | 9      | Co                               | c                  | b                    | -             | -           | -     | -    |
| 27 | 1003.0       | 46.4                | 42.1 | 39.5 | E'N  | 3      | 10     | Sc                               | 0                  | 0                    | -             | -           | -     | -    |
| 28 | 1007.3       | 44.2                | 40.4 | 38.3 | ESE  | 4      | 9      | As<br>Sa<br>F <sub>m</sub>       | o, cb              | 0                    | -             | -           | -     | -    |
| 29 | 1002.7       | 44.6                | 45.3 | 44.8 | S' E | 2      | 9      | As<br>F <sub>m</sub>             | c                  | 0                    | 0.23          | 0.23        | 2.62  | 6.0  |
| 30 | 996.1        | 47.5                | 49.8 | 49.3 | S    | 4      | 9      | As<br>F <sub>m</sub>             | c, r <sub>0</sub>  | c, o, r <sub>0</sub> | 0.15          | 0.15        | 2.77  | 3.8  |
| 31 | 986.6        | 50.6                | 54.1 | 51.8 | SSW  | 6      | 10     | As<br>Sc<br>F <sub>m</sub>       | 0                  | q, c, 0              | 0.17          | 0.18        | 2.95  | 4.2  |

2.91

2.95



1942.

Corrected Barometer

Humidity

IN GROUND

MARCH

BAR  
mb.BAR.  
INS.attached  
Thermom.  
26.0°

V.T.

%

GRASS  
MIN

1 FT.

4 FT.

VISIBILITY

REMARKS:-

|    |        |        |       |      |     |      |      |      |      |                                                     |
|----|--------|--------|-------|------|-----|------|------|------|------|-----------------------------------------------------|
| 1  | 1012.5 | 29.899 | 276.0 | 7.3  | 98  | 33.4 | 36.1 | 40.3 | I    | Wet night, overcast mom.                            |
| 2  | 1012.2 | 29.890 | 276.5 | 7.2  | 89  |      | 37.1 | 40.3 | I    | Windy mom tending to rain:                          |
| 3  | 1004.5 | 29.663 | 278.5 | 10.0 | 100 | 41.3 | 37.5 | 40.8 | J    | Windy night, windy, overcast squally mom:           |
| 4  | 997.6  | 29.459 | 279.2 | 9.9  | 96  | 42.7 | 40.0 | 40.5 | J    | Overcast night continuous rain, cloudy mom:         |
| 5  | 1010.7 | 29.846 | 277.0 | 6.1  | 96  | 32.0 | 40.8 | 40.7 | I    | Cold overcast breezy snowy mom:                     |
| 6  | 1010.0 | 29.825 | 275.8 | 5.6  | 96  | 25.2 | 38.6 | 41.0 | I    | Cold mom, continuous slight snow:                   |
| 7  | 1012.4 | 29.896 | 274.5 | 4.3  | 80  | 30.0 | 38.0 | 41.2 | K    | Overcast night bright sunny mom:                    |
| 8  | 1005.7 | 29.698 | 275.9 | 6.6  | 81  | 30.0 | 37.2 | 41.0 | L    | Bright sunny cool breezy mom:                       |
| 9  | 1012.2 | 29.890 | 275.8 | 5.6  | 88  | 23.2 | 37.5 | 40.7 | E2   | Cool bright foggy mom:                              |
| 10 | 1016.3 | 30.011 | 276.1 | 6.1  | 93  | 27.5 | 37.8 | 40.8 | I    | Dull overcast mom, slight snow at obsn:             |
| 11 | 1015.3 | 29.982 | 276.2 | 6.2  | 87  | 27.0 | 38.0 | 40.8 | J    | Mostly overcast night, bright sunny mom:            |
| 12 | 1007.8 | 29.760 | 277.3 | 7.9  | 94  | 32.1 | 38.5 | 40.6 | I    | Warm, wet morning:                                  |
| 13 | 998.7  | 29.492 | 277.8 | 6.8  | 91  | 37.9 | 39.5 | 40.7 | J    | Dull overcast day and night:                        |
| 14 | 996.2  | 29.388 | 278.7 | 10.0 | 98  | 41.5 | 40.0 | 40.4 | J    | Overcast <del>the</del> night and mom, slight rain: |
| 15 | 996.2  | 29.418 | 280.0 | 11.5 | 97  | 43.3 | 41.9 | 40.8 | J    | Mild breezy mom, rain at night:                     |
| 16 | 997.0  | 29.500 | 281.0 | 7.9  | 87  | 42.8 | 43.0 | 41.1 | K    | Breezy rainy night and mom:                         |
| 17 | 995.2  | 29.388 | 281.9 | 11.4 | 86  | 44.0 | 44.5 | 41.6 | J    | Bright breezy mom, slight showers:                  |
| 18 | 996.9  | 29.438 | 281.7 | 10.7 | 90  | 41.9 | 45.1 | 41.6 | J    | Mild cloudy night and mom:                          |
| 19 | 1006.0 | 29.707 | 281.4 | 7.6  | 98  | 42.0 | 45.5 | 42.2 | G    | Dull overcast night and mom:                        |
| 20 | 1005.1 | 29.881 | 281.8 | 9.5  | 83  | 41.0 | 45.6 | 42.7 | K    | Bright sunny mom, cloudy night, showers:            |
| 21 | 1022.7 | 30.200 | 280.1 | 8.3  | 99  | 30.5 | 45.0 | 42.9 | A(1) | Mostly cloudy night, bright breezy mom:             |
| 22 | 1030.4 | 30.428 | 280.0 | 8.2  | 94  | 30.1 | 44.5 | 43.0 | H    | Cool bright sunny mom:                              |
| 23 | 1033.3 | 30.513 | 280.8 | 9.3  | 84  | 29.5 | 44.9 | 43.5 | F    | Clear night, bright misty sunny mom:                |
| 24 | 1029.0 | 30.386 | 281.0 | 8.6  | 74  | 31.0 | 45.0 | 43.7 | J    | Bright sunny mom, clear night:                      |
| 25 | 1024.6 | 30.257 | 282.0 | 10.2 | 93  | 39.7 | 45.4 | 43.7 | I    | Mostly clear night, cloudy to overcast:             |
| 26 | 1020.5 | 30.135 | 280.4 | 6.6  | 78  | 26.8 | 45.0 | 44.0 | J    | Clear night, clouding at 7:00 hrs.                  |
| 27 | 1012.6 | 29.902 | 281.0 | 7.0  | 78  | 38.7 | 44.9 | 44.0 | K    | Clear night and mom:                                |
| 28 | 1016.9 | 30.029 | 279.8 | 7.0  | 81  | 36.2 | 44.0 | 44.0 | J    | Cold windy mom, mainly overcast:                    |
| 29 | 1012.0 | 29.884 | 280.0 | 7.9  | 96  | 38.1 | 43.9 | 43.9 | J    | Overcast cool breezy mom:                           |
| 30 | 1005.4 | 29.689 | 280.9 | 11.8 | 96  | 42.5 | 45.0 | 44.0 | J    | Mostly cloudy night, slight rain, [breezy] somewhat |
| 31 | 996.2  | 29.388 | 283.4 | 11.9 | 84  | 47.9 | 46.9 | 44.2 | K    | Cloudy night, overcast day, windy & fresh.          |



| 1942.                  | EVEN.        |                | 21 hrs. |      | Anemometer. |        | Clouds. |          | Weather.           |                    | Temperature |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
|------------------------|--------------|----------------|---------|------|-------------|--------|---------|----------|--------------------|--------------------|-------------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----|------|---------------|--|--|------------|--|--|------|--|--|---------------|--|--|-----|--|--|--------------|--|--|------------------------|--|--|-----------|--|--|
| MARCH.                 | Bar.<br>m.b. | AAtt.<br>Ther. | Dry.    | Wet. | Dir.        | Force. | Amount  | Form.    | At time<br>of obs. | Since<br>last obs. | MAX         | MIN. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| 1                      | 1004.7       | 38.8           | 38.7    | 37.3 |             | 2      | 10      | Fm       | 0                  | 0                  | 40.7        | 33.3 | Total Rainfall ..... 2.95 inches                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| 2                      | 1002.1       | 40.5           | 42.5    | 40.9 | SE'S        | 5      | 10      | Fm       | 0                  | 0                  | 43.0        | 36.7 | Total Sunshine ..... 79.2 hours                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| 3                      | 990.6        | 43.3           | 45.4    | 45.0 | SE          | 6      | 10      | Fm       | 0                  | or, 0              | 45.2        | 42.0 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| 4                      | 992.7        | 40.2           | 42.1    | 40.9 | ESE         | 3      | 10      | Fm       | or                 | 0, or              | 50.1        | 42.0 | Max. temp. ... 62.9°F on 24th March                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| 5                      | 1002.4       | 37.4           | 29.0    | 28.3 | NE          | 2      | 9       | Fm       | cb                 | oss, 0             | 43.0        | 29.0 | Min. temp. 22.0°F on 7th March                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| 6                      | 999.1        | 36.2           | 29.5    | 28.7 | S'W         | 2      | 10      | Ns       | 0                  | oss, 0             | 36.7        | 27.2 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| 7                      | 998.3        | 35.6           | 37.0    | 35.2 | SSW         | 4      | 10      | Fm       | 0                  | cb, os, 0          | 37.6        | 22.0 | Lowest Max. temp. 36.7°F on 6th                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| 8                      | 999.9        | 39.2           | 35.7    | 34.8 | W           | 2      | 0       | -        | b                  | bc, a, cb          | 46.5        | 35.7 | Highest Min. temp. 46.0°F on 16th <sup>31st</sup>                                                                                                                                                                                                                                                                                                                                                                                                                            |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| 9                      | 1004.1       | 39.4           | 34.7    | 34.5 | E'S         | 2      | 6       | Sc       | bc                 | c, cb, bc          | 44.0        | 29.0 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| 10                     | 1006.4       | 39.2           | 37.1    | 36.2 | NE'N        | 2      | 10      | St       | 0                  | 0                  | 42.9        | 31.1 | Average Max. temp. ... 49.4°F.                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| 11                     | 1003.9       | 40.2           | 36.4    | 34.3 | ENE         | 2      | 9+      | Sc       | cb                 | b, bc, c           | 45.0        | 29.6 | Average Min. temp. ... 37.0°F                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| 12                     | 993.7        | 41.0           | 41.9    | 41.0 | S'E         | 3      | 10      | As<br>Fm | 0                  | 0                  | 43.5        | 35.0 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| 13                     | 985.9        | 42.2           | 42.6    | 42.4 | S           | 2      | 10      | Ns<br>Fm | or                 | 0                  | 43.1        | 38.0 | Mean temp. for month ... 43.2°F                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| 14                     | 985.1        | 45.0           | 48.2    | 47.7 | SSE         | 4      | 9+      | Sc       | c                  | o, or, d, c        | 52.6        | 41.9 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| 15                     | 992.7        | 47.8           | 50.1    | 48.5 | S'W         | 4      | 1       | Sc       | bc                 | c, o, cb, p        | 58.1        | 45.5 | Min grass temp. ... 23.2°F on 9th                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| 16                     | 986.5        | 47.6           | 49.8    | 48.8 | S           | 3      | 5       | Fm       | cb                 | or, 0              | 53.0        | 43.9 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| 17                     | 986.3        | 48.2           | 47.3    | 45.0 | S           | 2      | 6       | Sc<br>Fm | bc                 | c, or, p, c        | 57.3        | 46.0 | Highest Bar. at M.S.L. 1024.0 m.b. on 23rd                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| 18                     | 990.8        | 48.2           | 48.3    | 47.3 | E'S         | 2      | 9+      | Sc       | c                  | c                  | 53.0        | 44.8 | Lowest Bar. at M.S.L. 985.0 m.b. on 14th                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| 19                     | 1002.9       | 47.8           | 44.8    | 43.8 | ESE(2)      | 2      | 10      | St<br>Fm | or, 0              | 0                  | 49.0        | 42.0 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| 20                     | 1008.4       | 48.4           | 45.4    | 43.7 | WSW         | 1      | 1       | Sc       | bc                 | c, bc, c           | 53.1        | 42.0 | Greatest Daily Rainfall 0.84 ins on 4th                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| 21                     | 1016.8       | 48.2           | 42.5    | 41.4 | ENE         | 2      | -       | -        | b                  | bc, b              | 55.0        | 33.9 | Greatest Daily Sunshine 11.3 hrs on 24th                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| 22                     | 1023.0       | 48.6           | 43.9    | 43.3 | S           | 1      | 6       | Co       | b                  | b                  | 59.2        | 32.0 | <div>Weather Summary.</div> <table><tr><th></th><th>9th</th><th>24th</th></tr><tr><td>Snow or sleet</td><td></td><td></td></tr><tr><td>Snow lying</td><td></td><td></td></tr><tr><td>Hail</td><td></td><td></td></tr><tr><td>Thunder heard</td><td></td><td></td></tr><tr><td>Fog</td><td></td><td></td></tr><tr><td>Ground frost</td><td></td><td></td></tr><tr><td>Gale (force 8 or more)</td><td></td><td></td></tr><tr><td>Air frost</td><td></td><td></td></tr></table> |  | 9th | 24th | Snow or sleet |  |  | Snow lying |  |  | Hail |  |  | Thunder heard |  |  | Fog |  |  | Ground frost |  |  | Gale (force 8 or more) |  |  | Air frost |  |  |
|                        | 9th          | 24th           |         |      |             |        |         |          |                    |                    |             |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| Snow or sleet          |              |                |         |      |             |        |         |          |                    |                    |             |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| Snow lying             |              |                |         |      |             |        |         |          |                    |                    |             |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| Hail                   |              |                |         |      |             |        |         |          |                    |                    |             |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| Thunder heard          |              |                |         |      |             |        |         |          |                    |                    |             |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| Fog                    |              |                |         |      |             |        |         |          |                    |                    |             |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| Ground frost           |              |                |         |      |             |        |         |          |                    |                    |             |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| Gale (force 8 or more) |              |                |         |      |             |        |         |          |                    |                    |             |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| Air frost              |              |                |         |      |             |        |         |          |                    |                    |             |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| 23                     | 1022.9       | 50.0           | 45.6    | 43.3 | S           | 1      | 0       | -        | b                  | bc, b              | 60.0        | 34.0 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| 24                     | 1016.4       | 49.8           | 44.9    | 43.3 | W'S         | 2      | 6       | ci       | b                  | b                  | 62.9        | 34.3 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| 25                     | 1015.3       | 49.0           | 39.1    | 37.8 | NNE         | 2      | 0       | -        | b                  | o, bc              | 56.2        | 38.7 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| 26                     | 1005.1       | 46.8           | 41.3    | 40.5 | NNE         | 2      | 10      | As       | 0                  | c, 0               | 46.8        | 29.5 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| 27                     | 1005.0       | 45.6           | 41.1    | 39.2 | E'S         | 3      | 10      | Sc       | 0                  | 0                  | 46.1        | 40.5 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| 28                     | 1006.2       | 44.4           | 40.3    | 39.4 | SSE         | 2      | 10      | - Sc     | 0                  | 0                  | 44.2        | 38.0 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| 29                     | 1000.1       | 46.2           | 46.0    | 45.5 | S           | 3      | 9       | Fm       | c                  | o, r, 0            | 48.8        | 40.0 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| 30                     | 995.4        | 50.0           | 53.0    | 51.7 | S           | 3      | 10      | As<br>Fm | 0                  | or, a, cb          | 61.0        | 44.8 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |
| 31                     | 989.5        | 49.8           | 46.0    | 44.5 | WSW         | 2      | 4       | As<br>As | bc                 | o, c, p, c         | 56.1        | 46.0 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |     |      |               |  |  |            |  |  |      |  |  |               |  |  |     |  |  |              |  |  |                        |  |  |           |  |  |



1942. Corrected Barometer

Humidity

| MARCH | BAR<br>mb. | BAR.<br>INS. | Attached<br>Thermometer<br>200°At | V.T. | %  | SUN  | VISIBILITY | REMARKS:-                                                |
|-------|------------|--------------|-----------------------------------|------|----|------|------------|----------------------------------------------------------|
| 1     | 1014.7     | 29.934       | 76.8                              | 7.0  | 87 | 0.0  | H          | Warm dry day, overcast night:                            |
| 2     | 1012.0     | 29.884       | 77.7                              | 8.9  | 95 | 0.0  | I          | Overcast day, windy night:                               |
| 3     | 1000.0     | 29.530       | 79.3                              | 10.0 | 97 | 0.0  | J          | Stormy overcast day and night:                           |
| 4     | 1002.2     | 29.595       | 79.5                              | 8.9  | 98 | 0.0  | I          | Overcast day, dark dull rainy warm night:                |
| 5     | 1012.7     | 29.905       | 76.0                              | 4.9  | 90 | 0.0  | K          | Overcast day, continuous snow, cloudy night:             |
| 6     | 1009.6     | 29.813       | 75.3                              | 5.0  | 90 | 0.0  | K          | Cold day, continuous snow; cold overcast night:          |
| 7     | 1008.8     | 29.784       | 75.0                              | 6.2  | 82 | 0.9  | K          | Cloudy morn, sunny, snow in even, overcast night:        |
| 8     | 1009.9     | 29.822       | 77.0                              | 6.3  | 91 | 7.1  | K          | Variable day, cool clear night:                          |
| 9     | 1014.1     | 29.946       | 77.1                              | 6.6  | 98 | 3.7  | J          | Cool cloudy day, bright night:                           |
| 10    | 1016.5     | 30.017       | 77.0                              | 6.8  | 91 | —    | K          | Overcast day and night:                                  |
| 11    | 1013.9     | 29.940       | 77.5                              | 5.8  | 79 | 6.3  | K          | Bright warm sunny day, cloudy night:                     |
| 12    | 1003.5     | 29.633       | 78.0                              | 8.4  | 92 | —    | J          | Warm overcast day, breezy night:                         |
| 13    | 996.4      | 29.424       | 78.0                              | 8.9  | 98 | —    | J          | Overcast day and night, intermittent rain:               |
| 14    | 994.3      | 29.362       | 80.2                              | 0.8  | 96 | 0.7  | K          | Cloudy morn with drizzle, mild night:                    |
| 15    | 1001.6     | 29.577       | 81.8                              | 10.8 | 88 | 2.1  | L          | Mostly cloudy day with showers, breezy windy night:      |
| 16    | 995.4      | 29.394       | 81.7                              | 11.4 | 93 | 0.1  | K          | Breezy overcast day intermittent rain:                   |
| 17    | 995.2      | 29.388       | 82.0                              | 9.1  | 83 | 2.2  | K          | Mostly cloudy day, showery even:                         |
| 18    | 999.7      | 29.521       | 82.0                              | 10.6 | 92 | —    | K          | Cloudy warm day and night:                               |
| 19    | 1011.9     | 29.881       | 81.8                              | 9.3  | 92 | —    | J          | Mild cloudy day and night:                               |
| 20    | 1017.5     | 30.047       | 82.1                              | 8.9  | 86 | 3.9  | K          | Cloudy mild day, bright stormy night:                    |
| 21    | 1026.1     | 30.300       | 82.0                              | 8.3  | 91 | 6.2  | K          | Warm bright night sunny day:                             |
| 22    | 1032.3     | 30.484       | 82.2                              | 9.4  | 95 | 9.5  | I          | Bright sunny day, clear calm night:                      |
| 23    | 1031.9     | 30.472       | 83.0                              | 8.7  | 82 | 10.0 | K          | Bright sunny day, warm clear bright night:               |
| 24    | 1025.4     | 30.280       | 82.9                              | 8.8  | 87 | 11.3 | J          | Bright warm day and night:                               |
| 25    | 1024.6     | 30.257       | 82.4                              | 7.1  | 88 | 4.6  | K          | Cloudy sunny day, clear cool night:                      |
| 26    | 1014.5     | 29.958       | 81.2                              | 8.1  | 91 | 3.1  | J          | Mostly cloudy day, Bright into early then AS et obsn:    |
| 27    | 1014.3     | 29.952       | 80.6                              | 7.2  | 83 | 1.8  | K          | Cloudy morn, breezy overcast night:                      |
| 28    | 1015.8     | 29.997       | 79.9                              | 7.7  | 92 | 0.2  | K          | Dull day, overcast night, milder:                        |
| 29    | 1009.2     | 29.801       | 80.9                              | 10.1 | 96 | 0.0  | J          | Overcast day, Intermittent rain, clearing slightly some. |
| 30    | 1004.2     | 29.654       | 83.0                              | 12.5 | 91 | 2.7  | K          | Overcast rainy morn, bright warm night:                  |
| 31    | 998.2      | 29.477       | 82.9                              | 9.3  | 88 | 2.8  | K          | Cloudy day occasional heavy showers, cloudy night:       |

250.2

79.2



1942. MORN 9hrs

Anemometer.

Clouds.

Weather.

RAIN

APRIL

|    | Bar.<br>(mb.) | Att.<br>Ther.<br>°F | Dry. | Wet. | Dir. | Force. | Amount | Form.                | At time<br>of obs. | Since<br>last obs. | 8 INS<br>INS | Auto<br>INS | Total | m.m. |
|----|---------------|---------------------|------|------|------|--------|--------|----------------------|--------------------|--------------------|--------------|-------------|-------|------|
| 1  | 988.6         | 46.0                | 42.2 | 40.1 | SW   | 5      | 9      | Ac As<br>Fn          | c                  | c, r               | 0.07         | 0.08        | 0.08  | 1.7  |
| 2  | 1007.3        | 44.8                | 45.6 | 41.8 | W'S  | 3      | 2      | Cu                   | b                  | c, bc              | 0.16         | 0.16        | 0.24  | 4.0  |
| 3  | 994.5         | 46.8                | 45.1 | 44.6 | W'N  | 2      | 10     | Fn                   | c, r               | c, r               | —            | —           | —     | —    |
| 4  | 989.3         | 44.4                | 43.8 | 41.8 | S'E  | 4      | 9+     | Sc<br>Fn<br>Ci Cu    | c, r               | b, bc, cb          | 0.17         | 0.17        | 0.41  | 4.3  |
| 5  | 974.7         | 45.5                | 47.2 | 44.6 | SW   | 4      | 8      | Ac As<br>Fn<br>Cu    | cb                 | c, r, c            | 0.12         | 0.12        | 0.53  | 23.1 |
| 6  | 977.7         | 49.3                | 50.4 | 46.8 | SSW  | 5      | 9      | Ac As<br>Cu          | c                  | c, p               | 0.47         | 0.47        | 0.80  | 12.0 |
| 7  | 971.1         | 47.3                | 48.3 | 46.2 | S    | 2      | 9+     | Sc<br>Cu             | bc                 | bc, c              | 0.13         | 0.14        | 0.94  | 3.6  |
| 8  | 986.4         | 44.2                | 43.1 | 39.6 | SW   | 5      | 7      | Cu                   | bc                 | b                  | 0.24         | 0.24        | 1.18  | 6.1  |
| 9  | 979.8         | 47.0                | 50.2 | 47.4 | S    | 4      | 6      | Ac As<br>Cu<br>Ac Cu | o                  | b, bc, r           | 0.53         | 0.52        | 1.70  | 13.5 |
| 10 | 1002.9        | 46.6                | 51.0 | 46.7 | W'N  | 5      | 6      | Ac Cu                | cb                 | b, bc              | —            | —           | —     | —    |
| 11 | 1010.0        | 51.2                | 54.9 | 53.8 | S    | 5      | 9+     | Sc                   | c                  | c                  | —            | —           | —     | —    |
| 12 | 1001.7        | 51.8                | 53.8 | 50.9 | SE   | 5      | 10     | Ac<br>Fn             | o                  | c, o               | 0.12         | 0.12        | 1.82  | 3.4  |
| 13 | 1002.0        | 50.8                | 48.4 | 47.6 | E'S  | 2      | 10     | Sc                   | o                  | o, r               | 0.20         | 0.20        | 2.02  | 4.9  |
| 14 | 1015.0        | 48.4                | 47.9 | 45.7 | NE   | 4      | 9+     | Sc                   | c                  | o, cb              | —            | —           | —     | —    |
| 15 | 1023.0        | 50.3                | 52.9 | 48.9 | E'S  | 3      | 0      | —                    | b                  | b                  | —            | —           | —     | —    |
| 16 | 1020.7        | 50.0                | 56.2 | 51.2 | NNE  | 2      | 0      | —                    | b                  | b                  | —            | —           | —     | —    |
| 17 | 1013.7        | 52.5                | 56.1 | 49.0 | E'S  | 3      | 0      | —                    | b                  | b                  | —            | —           | —     | —    |
| 18 | 1002.2        | 51.6                | 52.0 | 47.2 | NNE  | 3      | 4      | ci                   | bc                 | b, bc, cb          | —            | —           | —     | —    |
| 19 | 998.2         | 49.5                | 45.5 | 44.5 | NE'E | 2      | 9+     | Sc                   | o                  | cb, c              | —            | —           | —     | —    |
| 20 | 1002.2        | 51.0                | 52.0 | 46.4 | N'W  | 2      | 7      | Sc                   | cb                 | cb                 | —            | —           | —     | —    |
| 21 | 1007.0        | 51.6                | 51.7 | 46.4 | N'W  | 2      | 9+     | Sc                   | c                  | c                  | —            | —           | —     | —    |
| 22 | 1007.0        | 51.8                | 52.0 | 48.7 | SSE  | 1      | 9+     | Sc                   | c                  | o                  | 0.03         | 0.03        | 2.05  | up.7 |
| 23 | 1010.7        | 49.5                | 46.8 | 45.5 | N'E  | 2      | 10     | Sc                   | or                 | o                  | 0.02         | 0.02        | 2.07  | up.6 |
| 24 | 1016.5        | 47.3                | 41.8 | 39.3 | E    | 4      | 10     | Sc                   | o                  | o                  | —            | —           | —     | —    |
| 25 | 1012.7        | 46.8                | 48.8 | 43.3 | E    | 5      | 2      | Cu                   | b                  | b                  | —            | —           | —     | —    |
| 26 | 1009.4        | 45.5                | 44.2 | 40.1 | E    | 4      | 1      | Cu                   | bc                 | b, bc              | —            | —           | —     | —    |
| 27 | 1010.5        | 47.6                | 50.5 | 45.6 | E'N  | 4      | 0      | —                    | b                  | b                  | —            | —           | —     | —    |
| 28 | 1013.0        | 49.2                | 49.7 | 44.5 | ENE  | 5      | 10     | Co                   | b                  | b                  | —            | —           | —     | —    |
| 29 | 1013.9        | 48.6                | 48.8 | 42.9 | E'N  | 5      | 9      | Co<br>Cu             | c                  | bc, c              | —            | —           | —     | —    |
| 30 | 1019.0        | 48.4                | 49.8 | 44.0 | SSE  | 3      | 10     | Co                   | b                  | b                  | —            | —           | —     | —    |
| 31 |               |                     |      |      |      |        |        |                      |                    |                    |              |             |       |      |

2.26 2.27







1942.

EVEN

21 HRS.

Anemometer.

Clouds.

Weather.

TEMPERATURE

APRIL

Bar.  
(mb.)Att.  
Ther.

Dry.

Wet.

Dir.

Force.

Amount

Form.

At time  
of obs.Since  
last obs.

MAX.

MIN.

April, 1942.

| APRIL | Bar.<br>(mb.) | Att.<br>Ther. | Dry. | Wet. | Dir. | Force. | Amount | Form.                | At time<br>of obs. | Since<br>last obs. | MAX.   | MIN.   |                                                             |
|-------|---------------|---------------|------|------|------|--------|--------|----------------------|--------------------|--------------------|--------|--------|-------------------------------------------------------------|
| 1     | 999.0         | 46.4          | 39.7 | 38.7 | W'N  | 3      | 9      | Co                   | c                  | c, p, h            | 48.8   | 37.4   | Total Rainfall ..... <sup>2.26</sup> <del>2.07</del> inches |
| 2     | 1003.0        | 47.8          | 45.5 | 43.4 | SSE  | 3      | 9+     | Fm                   | cr.                | b, bc, c           | 52.2   | 35.0   | Total Sunshine ..... 203.5 hours                            |
| 3     | 993.3         | 47.0          | 43.0 | 40.3 | SSW  | 2      | 1      | Sc                   | bc, c              | b, bc, c           | 52.2   | 35.0   |                                                             |
| 4     | 973.2         | 46.2          | 45.0 | 44.6 | SSE  | 5      | 9      | As<br>Fn             | c                  | o, r               | 49.7   | 36.0   | Max. temp. .... 69.0°F on 16th                              |
| 5     | 982.0         | 48.2          | 46.5 | 44.8 | SSW  | 4      | 3      | So<br>Fn             | bc                 | bc, c              | 53.6   | 43.7   | Min. temp. .... 33.8°F on 25th                              |
| 6     | 974.9         | 46.6          | 44.7 | 43.6 | SSW  | 3      | 9+     | N <sub>3</sub><br>Fn | OR                 | c, p               | 56.4   | 43.4   |                                                             |
| 7     | 980.8         | 47.5          | 44.6 | 43.2 | WSW  | 4      | 5      | Fn                   | c                  | c, p, or, o        | 54.5   | 42.0   | Lowest Max. temp. 45.9°F on 24th                            |
| 8     | 990.3         | 46.5          | 44.0 | 42.5 | SW'N | 3      | 4      | Fn                   | bc                 | op, c              | 47.4   | 36.9   | Highest Min. temp. 49.8°F on 12th                           |
| 9     | 981.0         | 47.0          | 46.1 | 45.7 | W'N  | 3      | 9+     | Sc<br>Fn             | c                  | o, or, c           | 54.0   | 38.0   |                                                             |
| 10    | 1009.1        | 49.8          | 50.1 | 45.8 | SSE  | 2      | 10     | Sc                   | o                  | bc, cp, c          | 57.9   | 41.9   | Average Max. temp. 55.9°F.                                  |
| 11    | 1007.1        | 53.0          | 52.5 | 50.5 | S    | 5      | 8      | Fn                   | c                  | c, bc, bc          | 62.1   | 49.0   | Average Min. temp. .... 40.0°F                              |
| 12    | 999.0         | 52.3          | 54.5 | 50.3 | SSE  | 5      | 10     | As<br>Sc             | O                  | O                  | 58.2   | 49.8   |                                                             |
| 13    | 1007.5        | 50.3          | 47.4 | 47.1 | NE'E | 2      | 10     | Ns                   | O                  | or, o, O           | 54.7   | 46.9   | Mean temp. for month 48.0°F.                                |
| 14    | 1018.8        | 52.0          | 50.4 | 46.9 | ENE  | 2      | 0      | -                    | b                  | bc, b              | 59.5   | 41.8   |                                                             |
| 15    | 1022.8        | 53.6          | 49.5 | 43.4 | SE'S | 2      | 0      | -                    | b                  | b                  | 62.9   | 37.8   | Min. grass temp. 27.9°F on 30th                             |
| 16    | 1017.5        | 55.6          | 54.7 | 50.5 | S    | 1      | 0      | -                    | b                  | b                  | 69.0   | 36.4   |                                                             |
| 17    | 1007.0        | 54.6          | 51.9 | 47.5 | ENE  | 2      | tr     | ci                   | b                  | b                  | 61.7   | 40.6   | Highest Bar. at M.S.L. 1023.0 mb. on 15th                   |
| 18    | 998.1         | 56.0          | 52.0 | 49.0 | SE   | 2      | tr     | Sc                   | bc                 | b, bc              | 61.3   | 40.4   | Lowest Bar. at M.S.L. 971.1 mb. on 7th                      |
| 19    | 1000.9        | 51.6          | 47.8 | 46.4 | N    | 2      | 9      | Co<br>Sc<br>Se<br>Fn | c                  | c, bc, bc, c       | 57.9   | 41.9   |                                                             |
| 20    | 1005.4        | 52.8          | 48.8 | 46.8 | NW'N | 2      | 10     | Fn                   | O                  | bc, c, O           | 59.0   | 41.0   | Greatest Daily Rainfall 0.52 inches on 1th                  |
| 21    | 1006.6        | 53.2          | 49.1 | 46.9 | NNW  | 1      | 10     | Sc                   | O                  | e                  | 57.5   | 42.2   | Greatest Daily Sunshine 13.3 hrs. on 25th                   |
| 22    | 1008.0        | 52.5          | 48.3 | 48.0 | NNW  | 2      | 10     | Fn                   | or                 | O                  | 57.0   | 46.0   |                                                             |
| 23    | 1014.0        | 48.4          | 42.7 | 41.8 | NE   | 2      | 10     | Fn                   | O                  | odd                | 49.6   | 42.0   | Weather Summary                                             |
| 24    | 1014.9        | 47.3          | 39.7 | 38.9 | ENE  | 3      | -      | -                    | b                  | O, cb              | 45.9   | 38.9   | Snow or Sleet                                               |
| 25    | 1010.5        | 48.2          | 42.8 | 39.3 | NE   | 3      | 1      | Sc                   | b                  | b, bc              | 54.0   | 33.8   | Snow lying                                                  |
| 26    | 1009.1        | 48.2          | 43.9 | 42.6 | E'N  | 3      | 0      | -                    | b                  | b                  | 53.2   | 35.0   | Hail                                                        |
| 27    | 1011.5        | 50.3          | 48.0 | 42.9 | E'N  | 3      | 0      | -                    | b                  | b                  | 58.6   | 35.3   | Thunder heard                                               |
| 28    | 1013.5        | 49.8          | 44.9 | 39.8 | ENE  | 4      | 1      | Co                   | b                  | b                  | 57.1   | 38.5   | Fog                                                         |
| 29    | 1024.5        | 50.0          | 46.5 | 40.2 | ENE  | 4      | 1      | Co                   | bc                 | bc, b              | 54.5   | 37.9   | Ground Frost                                                |
| 30    | 1019.0        | 51.6          | 48.0 | 43.7 | E    | 2      | 0      | -                    | b                  | b                  | 56.9   | 36.3   | Gale (force 8 or more)                                      |
| 31    |               |               |      |      |      |        |        |                      |                    |                    | 1677.6 | 1200.6 | Air Frost                                                   |



| 1942. | Corrected Barometer |                  |                              | Humidity |      |      |            | REMARKS:—                                                               |
|-------|---------------------|------------------|------------------------------|----------|------|------|------------|-------------------------------------------------------------------------|
| APRIL | Bar.<br>(inches)    | Bar.<br>(inches) | Attached.<br>Thermom.<br>°F. | V.T.     | %    | SUN. | VISIBILITY |                                                                         |
| 1     | 1008.3              | 29.775           | 81.0                         | 7.6      | 91   | 3.8  | K          | Showery day with bright intervals, hail, Windy at times                 |
| 2     | 1012.0              | 29.884           | 81.8                         | 8.4      | 83   | 10.0 | K          | Bright cloudy sunny day, slight rain in even.                           |
| 3     | 1002.5              | 29.604           | 81.3                         | 7.3      | 707  | 0.9  | K          | Cool overcast day with occasional rain:                                 |
| 4     | 982.0               | 28.998           | 80.9                         | 7.9      | 97   | 0.2  | K          | Overcast windy day, rain 16 hrs - 19.30 Windy night.                    |
| 5     | 990.8               | 29.259           | 82.0                         | 7.3      | 86   | 8.3  | K          | Cloudy sunny breezy day.                                                |
| 6     | 983.7               | 29.049           | 81.1                         | 8.4      | 90   | 5.5  | J          | Cloudy breezy day, showery rainy night:                                 |
| 7     | 989.6               | 29.223           | 81.6                         | 8.7      | 88   | 1.8  | K          | Cloudy showery day, windy night:                                        |
| 8     | 999.5               | 29.515           | 80.5                         | 8.6      | 87   | 5.0  | K          | Overcast windy showery day, breezy night:                               |
| 9     | 989.9               | 29.261           | 81.3                         | 10.2     | 97   | 2.8  | K          | Bright morn, showery even, Thunder 0200.                                |
| 10    | 1018.0              | 30.061           | 82.9                         | 8.6      | 70   | 9.3  | K          | Bright sunny morn, showery afternoon, breezy sunny even, overcast night |
| 11    | 1015.7              | 29.994           | 84.7                         | 11.6     | 86   | 7.0  | K          | Mostly sunny day, cloudy breezy night:                                  |
| 12    | 1007.5              | 29.751           | 84.5                         | 10.5     | 73   | 0.1  | K          | Mostly overcast day, slight intermittent rain, breezy over, mild night  |
| 13    | 1016.4              | 30.014           | 83.2                         | 10.9     | 98   | 0.0  | I          | Overcast day with continuous slight rain, dull overcast night           |
| 14    | 1027.6              | 30.345           | 84.1                         | 9.4      | 75   | 9.5  | J          | Bright warm sunny day, warm clear night:                                |
| 15    | 1031.5              | 30.460           | 85.0                         | 7.0      | 59   | 12.7 | J          | Bright warm sunny day, cool clear night:                                |
| 16    | 1026.0              | 30.297           | 86.1                         | 10.6     | 74   | 13.2 | J          | Warm sunny day, warm clear night:                                       |
| 17    | 1015.4              | 29.985           | 85.6                         | 9.3      | 70   | 13.2 | J          | Warm sunny day clear night:                                             |
| 18    | 1006.4              | 29.719           | 85.8                         | 10.5     | 79   | 10.8 | K          | Bright sunny day, mild & bright night:                                  |
| 19    | 1009.5              | 29.810           | 83.9                         | 10.1     | 89   | 5.8  | K          | Cloudy morn, bright sunny afternoon, cloudy night:                      |
| 20    | 1014.0              | 29.943           | 84.6                         | 10.1     | 85   | 5.1  | K          | Cool breezy cloudy day, overcast night:                                 |
| 21    | 1015.2              | 29.979           | 84.8                         | 9.9      | 84   | 1.5  | K          | Cloudy day and night:                                                   |
| 22    | 1016.7              | 30.023           | 84.4                         | 11.4     | 98   | 0.2  | K          | Mostly overcast day, overcast night with rain 20 hrs.                   |
| 23    | 1023.2              | 30.215           | 82.1                         | 9.6      | 93   | —    | K          | Dull day with continuous slight drizzle, Overcast night, cool:          |
| 24    | 1024.3              | 30.248           | 81.5                         | 7.7      | 93   | 3.0  | K          | Overcast breezy day, clear, cool night:                                 |
| 25    | 1019.7              | 30.112           | 82.0                         | 6.7      | 70   | 13.3 | K          | Windy, cool bright day and night:                                       |
| 26    | 1018.3              | 30.070           | 82.0                         | 8.8      | 89   | 12.9 | K          | Cool, breezy, sunny day: clear night:                                   |
| 27    | 1020.4              | 30.132           | 83.2                         | 7.1      | 62   | 13.0 | K          | Bright sunny breezy day, cool clear night:                              |
| 28    | 1022.4              | 30.191           | 82.9                         | 6.1      | 60   | 13.1 | K          | Breezy sunny day, clear windy night:                                    |
| 29    | 1024.5              | 30.254           | 83.0                         | 5.9      | 52   | 8.3  | K          | Bright breezy night, windy sunny day:                                   |
| 30    | 1027.8              | 30.351           | 83.9                         | 7.8      | 69   | 13.2 | K          | Bright, sunny day; cool, clear night:                                   |
| 31    |                     |                  |                              |          | 2423 |      |            |                                                                         |



| 1942. | MORN         | 9 hrs.              |      | Anemometer. |      | Clouds. |                | Weather.         |                    | RAIN               |              | Total       | m.m.  |      |
|-------|--------------|---------------------|------|-------------|------|---------|----------------|------------------|--------------------|--------------------|--------------|-------------|-------|------|
| MAY   | Bar.<br>(mb) | Att.<br>Ther.<br>°F | Dry. | Wet.        | Dir. | Force.  | Amount         | Form.            | At time<br>of obs. | Since<br>last obs. | 8 INS<br>INS | AUTO<br>INS | Total | m.m. |
| 1     | 1017.6       | 48.6                | 55.8 | 48.5        | NE'N | 3       | 0              | —                | b                  | b                  | —            | —           | —     | —    |
| 2     | 1013.5       | 50.0                | 53.8 | 48.5        | NE'N | 2       | 0              | —                | b                  | b                  | —            | —           | —     | —    |
| 3     | 1014.5       | 48.6                | 51.4 | 47.8        | S'E  | 2       | —              | —                | b                  | b                  | —            | —           | —     | —    |
| 4     | 1018.8       | 51.8                | 58.4 | 49.6        | SW   | 3       | 1              | Co               | b                  | b                  | —            | —           | —     | —    |
| 5     | 1017.5       | 55.8                | 56.1 | 53.0        | WSW  | 2       | 9 <sup>+</sup> | Sc               | bc                 | bc, o              | —            | —           | —     | —    |
| 6     | 1009.3       | 54.0                | 59.2 | 51.0        | SW'W | 5       | 0              | —                | b                  | cb, b              | 0.01         | 0.01        | 0.01  | 0.3  |
| 7     | 1007.5       | 54.0                | 50.3 | 48.4        | WSW  | 2       | 10             | Sc <sup>NS</sup> | obc                | ob                 | 0.10         | 0.10        | 0.11  | 2.6  |
| 8     | 1008.8       | 49.5                | 44.5 | 42.6        | NE'E | 3       | 10             | NS<br>Fm         | or                 | or                 | —            | —           | —     | —    |
| 9     | 1008.1       | 50.2                | 48.7 | 44.5        | E'S  | 4       | 10             | Co               | b                  | c                  | —            | —           | —     | —    |
| 10    | 1005.9       | 48.8                | 48.3 | 43.9        | N    | 4       | 10             | Co               | b                  | bc                 | 0.09         | 0.09        | 0.20  | 2.3  |
| 11    | 997.5        | 48.6                | 41.9 | 41.8        | ENE  | 4       | 10             | Fm               | o                  | o, r               | 0.02         | 0.02        | 0.22  | 0.6  |
| 12    | 996.1        | 48.2                | 44.7 | 42.7        | NE   | 3       | 10             | Sc               | o                  | o, r <sub>o</sub>  | —            | —           | 1     | —    |
| 13    | 1000.9       | 49.0                | 50.5 | 46.4        | N'E  | 3       | 1              | Co               | b                  | c, cb, bc          | —            | —           | —     | —    |
| 14    | 1005.9       | 49.6                | 54.9 | 51.1        | E    | 2       | 1              | Ac<br>Co         | b                  | hf, b              | —            | —           | —     | —    |
| 15    | 1001.3       | 52.2                | 62.2 | 51.2        | SSE  | 4       | 10             | AS<br>St         | o                  | o, r <sub>o</sub>  | 0.17         | 0.17        | 0.39  | 4.4  |
| 16    | 995.4        | 53.6                | 56.9 | 51.8        | S    | 5       | 9              | Co               | c                  | c                  | 0.14         | 0.14        | 0.53  | 3.5  |
| 17    | 998.9        | 63.0                | 55.6 | 52.7        | S    | 4       | 9              | Co               | cb                 | o, or              | 0.84         | 0.88        | 1.41  | 21.4 |
| 18    | 995.9        | 54.3                | 56.0 | 53.7        | W'S  | 3       | 9              | Co<br>Sc         | c                  | o, RR, cb          | 0.62         | 0.62        | 1.43  | 0.5  |
| 19    | 1006.7       | 55.8                | 58.5 | 53.5        | W    | 3       | 9              | Co               | c                  | c, p               | 0.08         | 0.08        | 1.51  | 2.0  |
| 20    | 1008.0       | 54.5                | 55.2 | 53.0        | SW'S | 1       | 10             | Sc               | o                  | o                  | 0.02         | 0.03        | 1.54  | 0.6  |
| 21    | 1004.1       | 54.3                | 52.9 | 51.0        | ENE  | 2       | 9 <sup>+</sup> | Sc               | c                  | c, f               | 0.17         | 0.18        | 1.72  | 4.2  |
| 22    | 1003.8       | 54.8                | 55.2 | 50.0        | WNW  | 2       | 8              | Co<br>Sc         | c                  | c                  | 0.04         | 0.04        | 1.76  | 1.0  |
| 23    | 992.3        | 52.3                | 50.3 | 49.1        | SSE  | 5       | 10             | AS<br>Fm         | o, r               | c, o, r            | 0.17         | 0.17        | 1.93  | 4.4  |
| 24    | 996.6        | 50.3                | 51.0 | 46.7        | WSW  | 3       | 7              | Co               | c                  | c                  | 0.18         | 0.18        | 2.11  | 4.6  |
| 25    | 983.7        | 51.2                | 47.5 | 44.5        | SW'S | 3       | 9              | Co<br>Sc<br>Co   | c                  | c, p               | 0.20         | 0.20        | 2.31  | 5.0  |
| 26    | 981.1        | 50.3                | 51.5 | 46.2        | S    | 4       | 9              | Co<br>Sc<br>Co   | c                  | c                  | 0.19         | 0.19        | 2.50  | 4.8  |
| 27    | 978.8        | 51.2                | 52.3 | 47.6        | SW'S | 5       | 8              | Sc<br>Co         | c                  | c, cb, b, bc       | 0.16         | 0.16        | 2.66  | 4.0  |
| 28    | 980.9        | 51.4                | 55.5 | 51.0        | W'S  | 3       | 6              | Co               | cb                 | cb, or             | 0.29         | 0.29        | 2.95  | 7.4  |
| 29    | 993.2        | 52.5                | 55.2 | 49.8        | W    | 3       | 8              | Co<br>Ac<br>Co   | c                  | c                  | 0.16         | 0.16        | 3.11  | 4.0  |
| 30    | 1001.9       | 51.2                | 58.0 | 51.6        | WNW  | 2       | 7              | Co               | cb                 | b, bc              | 0.06         | 0.06        | 3.17  | 1.4  |
| 31    | 1008.4       | 50.8                | 52.5 | 47.8        | WNW  | 3       | 5              | Co               | c                  | b, bc              | 0.01         | 0.01        | 3.18  | 0.2  |
|       |              |                     |      |             |      |         |                |                  |                    |                    | 3.12         | 3.18        | X     |      |



1942.

Corrected Barometer

Humidity

IN GROUND

| MAY | Bar.<br>(mb) | Attached<br>Thermometer<br>at 200' | Bar.<br>(INS) | V.T  | %  | GRASS<br>MIN. | 1 Ft. | 4 Ft. | VISIBILITY |
|-----|--------------|------------------------------------|---------------|------|----|---------------|-------|-------|------------|
| 1   | 1026.6       | 82.2                               | 30.315        | 9.4  | 56 | 25.2          | 49.7  | 48.2  | K          |
| 2   | 1022.4       | 83.0                               | 30.191        | 9.4  | 66 | 29.9          | 51.0  | 48.3  | K          |
| 3   | 1023.6       | 82.2                               | 30.227        | 9.8  | 75 | 33.0          | 51.8  | 48.2  | K          |
| 4   | 1027.5       | 84.0                               | 30.342        | 8.0  | 49 | —             | —     | —     | K          |
| 5   | 1026.8       | 86.2                               | 30.291        | 12.3 | 81 | 48.0          | 54.1  | 48.8  | K          |
| 6   | 1017.7       | 85.2                               | 30.063        | 9.1  | 53 | 42.1          | 54.0  | 49.2  | K          |
| 7   | 1018.4       | 85.2                               | 29.973        | 10.6 | 86 | 43.4          | 54.1  | 49.2  | K          |
| 8   | 1017.7       | 82.7                               | 30.053        | 8.4  | 85 | —             | —     | —     | J          |
| 9   | 1017.0       | 83.1                               | 30.032        | 7.7  | 65 | 41.5          | 52.0  | 49.8  | K          |
| 10  | 1015.0       | 82.3                               | 29.973        | 7.8  | 68 | 31.5          | 52.0  | 49.6  | K          |
| 11  | 1006.6       | 82.2                               | 29.725        | 7.0  | 99 | 39.1          | 52.0  | 49.7  | K          |
| 12  | 1005.0       | 82.0                               | 29.677        | 8.4  | 84 | 40.8          | 50.8  | 49.8  | K          |
| 13  | 1009.9       | 82.4                               | 29.822        | 8.9  | 71 | 32.8          | 51.1  | 49.9  | K          |
| 14  | 1014.8       | 82.8                               | 29.967        | 11.2 | 75 | 27.8          | 51.9  | 49.7  | K          |
| 15  | 1009.9       | 84.2                               | 29.822        | 12.3 | 93 | 45.1          | 53.0  | 49.7  | J          |
| 16  | 1003.7       | 85.0                               | 29.639        | 10.9 | 69 | 44.0          | 53.0  | 49.9  | L          |
| 17  | 1007.2       | 84.7                               | 29.742        | 12.3 | 82 | 45.1          | 53.1  | 49.9  | K          |
| 18  | 1004.1       | 85.4                               | 29.651        | 13.0 | 85 | 46.0          | 54.7  | 50.0  | L          |
| 19  | 1014.9       | 86.2                               | 29.970        | 11.2 | 70 | 44.9          | 56.2  | 50.4  | L          |
| 20  | 1016.2       | 85.5                               | 30.008        | 12.6 | 86 | 51.0          | 56.1  | 50.5  | K          |
| 21  | 1012.5       | 85.4                               | 29.899        | 11.9 | 87 | 44.6          | 55.8  | 51.0  | K          |
| 22  | 1011.9       | 85.7                               | 29.881        | 9.9  | 66 | 44.2          | 56.0  | 51.2  | K          |
| 23  | 1000.8       | 84.3                               | 29.554        | 11.2 | 91 | 43.7          | 56.8  | 51.4  | J          |
| 24  | 1005.4       | 83.2                               | 29.689        | 9.0  | 70 | 38.6          | 54.9  | 51.5  | L          |
| 25  | 992.2        | 83.7                               | 29.300        | 8.6  | 77 | 42.9          | 54.9  | 51.8  | L          |
| 26  | 989.9        | 83.2                               | 29.232        | 8.3  | 65 | 40.0          | 54.4  | 51.9  | L          |
| 27  | 987.3        | 83.7                               | 29.156        | 9.5  | 69 | 42.1          | 54.0  | 51.8  | L          |
| 28  | 989.2        | 83.8                               | 29.211        | 10.7 | 72 | 37.1          | 54.0  | 51.7  | L          |
| 29  | 1001.3       | 84.4                               | 29.568        | 9.7  | 66 | 42.8          | 55.0  | 51.9  | L          |
| 30  | 1010.4       | 83.7                               | 29.837        | 10.1 | 62 | 33.9          | 55.0  | 51.8  | K          |
| 31  | 1017.1       | 83.5                               | 30.036        | 9.0  | 68 | 31.0          | 56.0  | 51.9  | L          |

REMARKS:-

Warm bright sunny mom, cold clear night:  
 Clear night, bright sunny mom:  
 Warm sunny clear mom, clear night:  
 Warm bright sunny mom, clear night:  
 Warm cloudy mom:  
 Clear night, bright sunny breezy mom:  
 Cool mom inclined to showers:  
 Overcast mom, intermittent rain:  
 Bright fresh mom, cloudy night:  
 Windy night mom, clear cool night:  
 Dull rainy night, overcast mom:  
 Dull night, slight rain, dull mom incl. rain:  
 Bright sunny mom, cloudy early.  
 Bright sunny mom clear night.  
 Dull night and mom, slight int. rain:  
 Bright breezy mom, partly cloudy night.  
 Breezy cloudy showery mom:  
 Heavy rain at night, bright to cloudy mom:  
 Shower at night, bright cloudy mom:  
 Overcast warm night & morning:  
 Cloudy night, fog tending to clear to warm mom:  
 Cloudy night, cloudy mom, inclined to clear:  
 Cloudy night, stormy rainy mom:  
 Cloudy night, bright breezy mom:  
 Showery night; cool, fresh mom:  
 Cloudy night, bright cloudy breezy mom:  
 Cool breezy night & mom, cloudy at obsn:  
 Warm breezy mom, rain during night:  
 Bright warm sunny mom:  
 Bright sunny mom, mostly clear night.  
 Bright warm mom, later cloudy.



| 1942. | EVEN.         |                       | 21 HRS. |      | Anemometer. |        | Clouds. |          | Weather.           |                    | TEMPERATURE. |      | May, 1942                                                   |
|-------|---------------|-----------------------|---------|------|-------------|--------|---------|----------|--------------------|--------------------|--------------|------|-------------------------------------------------------------|
| MAY   | Bar.<br>(mb.) | Att.<br>Ther.<br>(°F) | Dry.    | Wet. | Dir.        | Force. | Amount  | Form.    | At time<br>of obs. | Since<br>last obs. | MAX.         | MIN. |                                                             |
| 1     | 1014.4        | 52.6                  | 47.6    | 41.7 | NNE         | 2      | 0       | —        | b                  | b                  | 66.0         | 32.4 | Total Rainfall ..... <sup>3.12</sup> <del>3.48</del> inches |
| 2     | 1014.0        | 44.8                  | 51.1    | 47.5 | NE          | 2      | 0       | —        | b                  | b                  | 67.2         | 33.9 | Total Sunshine ..... 212.0 hours                            |
| 3     | 1017.5        | 51.2                  | 46.2    | 44.4 | NNE         | 2      | —       | —        | b                  | b                  | 68.2         | 37.0 |                                                             |
| 4     | 1018.0        | 57.0                  | 55.0    | 53.4 | WNW         | 2      | —       | —        | b                  | b, bc, c           | 67.4         | 34.5 | Max. temp. 70.2°F on 6th May                                |
| 5     | 1014.6        | 56.3                  | 55.0    | 47.8 | SSW         | 2      | 8       | Sc       | c                  | c, cb, c           | 64.0         | 50.3 | Min. temp. 32.4°F on 1st May.                               |
| 6     | 1006.8        | 57.0                  | 52.2    | 50.8 | WSW         | 2      | 1       | ci       | bc                 | b                  | 70.2         | 44.8 |                                                             |
| 7     | 1009.0        | 50.3                  | 45.6    | 44.2 | E           | 2      | 10      | Ns<br>Fm | or                 | c, o               | 54.0         | 46.8 | Lowest Max. temp. 47.9°F on 11th May                        |
| 8     | 1007.6        | 50.0                  | 47.3    | 43.3 | E'N         | 2      | 10      | Sc       | o                  | or, o              | 50.0         | 41.9 | Highest Min. temp. 50.3°F on 5th May                        |
| 9     | 1007.6        | 52.6                  | 47.2    | 42.8 | ENE         | 2      | 0       | —        | b                  | bc, b              | 55.3         | 41.9 |                                                             |
| 10    | 1001.5        | 52.6                  | 47.5    | 43.7 | E'N         | 4      | 10      | Ac/Sc    | o                  | b, bc, c           | 54.8         | 34.7 | Average Max. temp. .... 59.9°F                              |
| 11    | 998.0         | 48.4                  | 43.0    | 42.8 | NE          | 3      | 10      | As/Fm    | b, r               | o, r               | 47.9         | 39.0 | Average Min. temp. .... 42.9°F                              |
| 12    | 997.4         | 50.2                  | 46.4    | 43.2 | NE          | 3      | 9       | Ac       | c                  | c, c, cb           | 53.9         | 41.6 |                                                             |
| 13    | 1005.0        | 51.2                  | 43.4    | 42.4 | NE          | 2      | 6       | Ac<br>ci | b                  | bc                 | 51.9         | 47.7 | Mean temp. for month 51.4°F                                 |
| 14    | 1004.7        | 53.6                  | 51.4    | 49.4 | SSE         | 4      | 10      | Ac       | o                  | b, bc              | 62.2         | 34.0 |                                                             |
| 15    | 995.4         | 52.2                  | 51.9    | 50.0 | SSE         | 4      | 10      | As<br>Fm | o                  | or                 | 54.4         | 48.0 | Min. grass temp. 25.2°F on 1st                              |
| 16    | 997.6         | 54.0                  | 51.6    | 49.4 | S'E         | 3      | 10      | ci       | o                  | d, e, p            | 61.5         | 47.9 |                                                             |
| 17    | 998.8         | 54.5                  | 50.6    | 49.7 | S'E         | 3      | 10      | Ns       | o, r               | c, cb, p, or       | 61.8         | 49.0 | Highest Bar. at M.S.L. 1018.0 mb. on 4th                    |
| 18    | 1001.0        | 57.0                  | 55.0    | 52.6 | —           | 0      | 8       | Ac<br>Sc | c                  | c                  | 66.8         | 48.9 | Lowest Bar. at M.S.L. 973.1 mb. on 20th                     |
| 19    | 1010.1        | 55.0                  | 50.5    | 49.7 | —           | 0      | 8       | Sc       | c                  | c, cb, p           | 63.6         | 48.9 |                                                             |
| 20    | 1004.7        | 55.8                  | 53.6    | 51.9 | E'S         | 1      | 9+      | Ac       | c                  | o, r               | 59.7         | 45.9 | Greatest Daily Rainfall 0.88 ins on 17th                    |
| 21    | 1002.4        | 55.6                  | 54.8    | 51.9 | SSE         | 2      | 10      | Ac<br>AS | o, r               | c, o, r            | 62.2         | 44.0 | Greatest Daily Sunshine 14.0 hrs. on 6th                    |
| 22    | 1004.3        | 55.6                  | 50.0    | 47.0 | E'S         | 4      | 8       | Ac<br>Sc | c                  | cb, bc, e          | 62.7         | 49.2 |                                                             |
| 23    | 990.1         | 53.2                  | 47.0    | 44.9 | W'S         | 3      | 4       | Sc       | bc                 | o, r               | 54.1         | 46.9 | Weather Summary                                             |
| 24    | 992.5         | 53.6                  | 51.8    | 48.4 | S'W         | 4      | 10      | Ac<br>Sc | o                  | c, cb, p           | 60.2         | 41.4 | Snow or Sleet                                               |
| 25    | 984.4         | 49.8                  | 43.4    | 41.3 | S'W         | 4      | 4       | Ac<br>Sc | bc                 | cb, h, p           | 56.1         | 41.3 | Snow lying                                                  |
| 26    | 973.5         | 50.2                  | 47.8    | 45.3 | S'W         | 4      | 10      | AS<br>Fm | o, r               | o                  | 56.5         | 42.2 | Hail                                                        |
| 27    | 973.1         | 50.9                  | 47.9    | 46.1 | S'W         | 4      | 9+      | Sc       | o, r               | cb, c, p, or       | 59.8         | 44.5 | Thunder heard                                               |
| 28    | 987.8         | 52.2                  | 48.0    | 47.4 | S'W         | 1      | 10      | AS<br>Sc | o, r               | cb, p, h, h        | 59.9         | 42.8 | Fog                                                         |
| 29    | 997.2         | 53.2                  | 47.1    | 46.2 | S'W         | 2      | 4       | Ac<br>Sc | cb                 | b, bc, p, h        | 59.5         | 44.9 | Ground Frost                                                |
| 30    | 1004.5        | 53.8                  | 48.9    | 47.9 | N'E         | 2      | 9+      | Sc       | c                  | bc, cb, p          | 62.6         | 40.2 | Gale (force 8 or more)                                      |
| 31    | 1012.8        | 54.5                  | 50.7    | 47.7 | SE          | 2      | 10      | Sc       | o                  | cb                 | 61.2         | 40.0 | Air Frost                                                   |



1942.

Corrected Barometer

Humidity

| MAY | Bar.<br>(mb.) | Bar.<br>(ins) | Attached<br>Thermom.<br>°F 200°+ | V.T. | %  | SUN-<br>SHINE | VISIBILITY | REMARKS:—                                                        |
|-----|---------------|---------------|----------------------------------|------|----|---------------|------------|------------------------------------------------------------------|
| 1   | 1023.0        | 30.209        | 84.5                             | 6.4  | 56 | 13.0          | K          | Clear cool night, warm sunny day.                                |
| 2   | 1023.4        | 30.221        | 80.1                             | 9.5  | 75 | 12.9          | K          | Warm sunny clear day, clear night.                               |
| 3   | 1026.3        | 30.306        | 83.7                             | 9.1  | 86 | 13.1          | K          | Bright warm sunny day, clear night.                              |
| 4   | 1026.3        | 30.306        | 86.9                             | 13.2 | 89 | 10.3          | K          | Clear warm morn, cloudy even, clear night.                       |
| 5   | 1022.8        | 30.206        | 86.5                             | 8.1  | 54 | 4.2           | K          | Overcast morn, bright even.                                      |
| 6   | 1015.0        | 29.973        | 86.9                             | 11.9 | 90 | 14.0          | K          | Cool overcast day, cool bright night.                            |
| 7   | 1017.9        | 30.059        | 83.2                             | 9.2  | 89 | 0.0           | K          | Overcast cool day, wet night.                                    |
| 8   | 1016.5        | 30.017        | 83.0                             | 7.8  | 70 | —             | K          | Overcast cool day and night.                                     |
| 9   | 1016.2        | 30.008        | 84.5                             | 7.5  | 68 | 11.4          | K          | Warm bright sunny morn, cool clear night.                        |
| 10  | 1010.0        | 29.825        | 84.5                             | 8.0  | 72 | 10.8          | K          | Mostly bright breezy sunny day, overcast night.                  |
| 11  | 1007.3        | 29.745        | 82.1                             | 9.2  | 98 | —             | K          | Dull day and night, slight intermittent rain.                    |
| 12  | 1006.2        | 29.713        | 83.1                             | 8.1  | 75 | 5.3           | K          | Clearing to fine intervals, cloudy night at obsn.                |
| 13  | 1013.8        | 29.938        | 83.7                             | 8.7  | 92 | 13.6          | K          | Bright sunny morn, cold earlier, warmer.                         |
| 14  | 1013.2        | 29.920        | 85.0                             | 11.1 | 86 | 10.9          | K          | Clear, sunny day: cloudy at even.                                |
| 15  | 1004.0        | 29.648        | 84.2                             | 11.5 | 86 | —             | J          | Dull day, rainy breezy overcast night.                           |
| 16  | 1006.1        | 29.710        | 85.2                             | 11.0 | 85 | 5.8           | K          | Bright sunny morn in morn, Showery day.                          |
| 17  | 1007.3        | 29.745        | 85.5                             | 11.2 | 93 | 6.2           | J          | Bright day, light showers Rain from 17.30.                       |
| 18  | 1009.4        | 29.798        | 86.9                             | 12.5 | 84 | 8.2           | K          | Bright cloudy day, calm night.                                   |
| 19  | 1018.5        | 30.076        | 85.8                             | 11.8 | 94 | 4.4           | K          | Bright sunny periods at obsn. Showery calm night.                |
| 20  | 1013.0        | 29.914        | 86.2                             | 12.4 | 89 | —             | K          | Dull day, intermittent rain, calm night.                         |
| 21  | 1010.9        | 29.881        | 85.7                             | 11.9 | 81 | 2.0           | I          | Mostly dull day, few bright mts. Int. rain.                      |
| 22  | 1012.6        | 29.902        | 86.1                             | 9.6  | 79 | 7.1           | K          | Mostly bright periods, wind rising at obsn.                      |
| 23  | 998.5         | 29.486        | 84.8                             | 9.2  | 83 | 0.2           | K          | Stormy rainy day, clearing slightly 18 hrs.                      |
| 24  | 1000.9        | 29.556        | 85.0                             | 10.1 | 77 | 9.2           | K          | Bright sunny mts, Showers. Thunderstorm 18 hrs.                  |
| 25  | 993.2         | 29.329        | 82.9                             | 8.0  | 82 | 5.8           | K          | Showery breezy day, hail. cool breezy night.                     |
| 26  | 987.0         | 29.155        | 83.7                             | 9.3  | 81 | 6.2           | K          | Bright sunny periods, showers, slight rain from 18 hrs windy.    |
| 27  | 981.6         | 29.987        | 83.5                             | 9.9  | 56 | 6.2           | K          | Long bright intervals; breezy, showers to rain.                  |
| 28  | 996.3         | 29.421        | 84.2                             | 10.0 | 95 | 5.7           | K          | Bright sunny periods, showers, hail, thunder.                    |
| 29  | 1005.7        | 29.447        | 84.8                             | 10.2 | 93 | 4.8           | K          | Sunny morn becoming showery Thunder hail clearing to cool night. |
| 30  | 1013.0        | 29.914        | 85.1                             | 11.0 | 92 | 9.6           | K          | Sunny morn, bright periods in afternoon, later showery.          |
| 31  | 1021.4        | 30.162        | 85.5                             | 10.0 | 79 | 11.1          | K          | Bright sunny warm mts. later cloudy.                             |

252.9

212.0



1942.. MORN 9hrs.

### Anemometer.

Clouds.

Weather.

RAIN

JUNE

Bar.  
(m.b.)

Att.  
Ther.

Dry.

Wet.

Dir.

Force.

Amount

Form.

At time  
of obs.

Since  
last obs.

8 INS.  
105

Auto  
ins

Total

200. 200.

[illegible]



1942

Corrected Barometer

Humidity

IN GROUND

| JUNE | Bar<br>mb. | Attached<br>Thermometer<br>°F 200°+ | Bar.<br>INCH. | V.T. | %  | GRASS<br>MIN. | 1 FT. | 4 FT. | VISIBILITY |
|------|------------|-------------------------------------|---------------|------|----|---------------|-------|-------|------------|
| 1    | 1018.2     | 86.9                                | 30.067        | 14.6 | 91 | 47.0          | 57.0  | 52.0  | K          |
| 2    | 1025.5     | 87.2                                | 30.283        | 14.5 | 82 | 55.5          | 57.1  | 52.2  | L          |
| 3    | 1028.8     | 88.5                                | 30.380        | 14.1 | 66 | 51.5          | 58.2  | 52.4  | L          |
| 4    | 1028.7     | 90.0                                | 30.377        | 17.0 | 76 | 52.2          | 60.2  | 52.6  | K          |
| 5    | 1027.7     | 90.3                                | 30.348        | 20.5 | 77 | 48.0          | 62.0  | 53.0  | K          |
| 6    | 1020.4     | 91.2                                | 30.132        | 16.1 | 82 | 51.0          | 63.5  | 53.5  | J          |
| 7    | 1023.3     | 86.7                                | 30.218        | 9.8  | 71 | 38.9          | 61.0  | 54.0  | K          |
| 8    | 1023.0     | 86.0                                | 30.209        | 10.2 | 81 | 39.0          | 60.1  | 54.7  | K          |
| 9    | 1022.2     | 85.6                                | 30.185        | 9.0  | 76 | 36.2          | 59.4  | 54.7  | K          |
| 10   | 1019.1     | 85.7                                | 30.094        | 9.6  | 75 | 41.6          | 58.7  | 54.8  | K          |
| 11   | 1020.2     | 85.1                                | 30.126        | 9.6  | 62 | 31.2          | 58.3  | 54.8  | K          |
| 12   | 1012.8     | 86.2                                | 29.908        | 8.4  | 58 | 37.2          | 59.5  | 54.9  | L          |
| 13   | 1009.9     | 84.7                                | 29.822        | 9.3  | 71 | 29.2          | 59.0  | 54.9  | K          |
| 14   | 1011.9     | 85.1                                | 29.881        | 10.2 | 83 | 37.7          | 59.3  | 54.9  | K          |
| 15   | 1014.6     | 86.3                                | 29.961        | 9.0  | 62 | 30.9          |       |       | L          |
| 16   | 1015.3     | 85.9                                | 29.982        | 10.3 | 71 | 36.9          | 58.7  | 55.1  | L          |
| 17   | 1011.1     | 86.7                                | 29.858        | 10.8 | 74 |               | 59.1  | 55.1  | L          |
| 18   | 1014.8     | 87.1                                | 29.967        | 10.5 | 66 | 51.0          | 59.0  | 55.1  | K          |
| 19   | 1021.5     | 87.3                                | 30.165        | 13.6 | 64 | 37.1          | 59.9  | 55.3  | K          |
| 20   | 1023.5     | 89.9                                | 30.224        | 16.5 | 69 | 46.0          | 61.5  | 53.4  | K          |
| 21   | 1020.0     | 90.1                                | 30.120        | 16.8 | 80 | 56.2          | 62.2  | 55.4  | K          |
| 22   | 1015.9     | 89.6                                | 30.000        | 15.1 | 74 | 56.0          | 63.4  | 55.9  | K          |
| 23   | 1018.4     | 89.0                                | 30.073        | 11.6 | 63 | 40.8          | 62.2  | 56.2  | L          |
| 24   | 1024.6     | 89.0                                | 30.257        | 11.7 | 70 | 46.9          | 62.6  | 56.5  | L          |
| 25   | 1028.0     | 88.1                                | 30.357        | 11.9 | 65 | 37.7          | 62.0  | 56.6  | K          |
| 26   | 1028.2     | 87.5                                | 30.363        | 12.4 | 76 | 36.5          | 61.7  | 56.8  | L          |
| 27   | 1024.0     | 87.6                                | 30.239        | 12.0 | 64 | 39.4          | 61.0  | 57.0  | L          |
| 28   | 1019.9     | 88.0                                | 30.117        | 12.1 | 77 | 54.1          | 61.0  | 56.8  | K          |
| 29   | 1024.9     | 89.8                                | 30.251        | 14.1 | 83 | 54.9          | 62.8  | 56.9  | L          |
| 30   | 1024.9     | 88.8                                | 30.266        | 10.8 | 65 | 43.6          | 62.0  | 57.0  | L          |
| 31   |            |                                     |               |      |    |               |       |       |            |

REMARKS:—

Cloudy night; slight rain and drizzle, breezy.  
 Warm cloudy breezy night and morn:  
 Clear night, bright warm sunny morn:  
 Clear warm night, bright sunny morn:  
 Warm sunny morn, warm clear night:  
 Clear night cloudy morn, later overcast:  
 Warm cloudy breezy morn:  
 Showery morn, clear intervals, Partly cloudy <sup>night:</sup>  
 Cool, overcast, after variable night:  
 Cloudy night and morn; cool, calm:  
 Cool bright sunny morn:  
 Breezy cloudy night, Bright fresh morn:  
 Bright mild morn: cloudy night:  
 Variable night with slight rain, slight drizzle <sup>obs.</sup> at  
 Cloudy night and morn: tending to clear. Calm.  
 Dull mild morn: cloudy night:  
 Cloudy night + morn threatening showers:  
 Overcast night + morn slight rain at night:  
 Bright warm sunny morn: mostly clear night:  
 Bright sunny morn, tending to cloud. Clear night:  
 Warm cloudy breezy morn, warm night:  
 Mostly cloudy night, overcast breezy morn:  
 Clear night bright morn, tending to cloud.  
 Clear cloudy night: overcast morn:  
 Cool night, bright morn:  
 Clear night, overcast morn:  
 Bright sunny morn, cloudy at obsn:  
 Warm cloudy morn, overcast breezy night:  
 Dull calm morn, overcast night:  
 Overcast night, cloudy morn: calm:



## TEMPERATURE

[illegible]



1942

Corrected Barometer

Humidity

| JUNE | Bar<br>(m.b.) | Attached<br>Therm.<br>at 200' | Bar.<br>ms. | V.T. | %  | SUN<br>SHINE | VISIBILITY |                                                              |
|------|---------------|-------------------------------|-------------|------|----|--------------|------------|--------------------------------------------------------------|
| 1    | 1021.0        | 87.3                          | 30.150      | 13.9 | 84 | 0.9          | K          | Mostly overcast windy day, warm windy night:                 |
| 2    | 1027.0        | 89.1                          | 30.327      | 16.0 | 84 | 5.0          | L          | Dull mom, bright even, warm night:                           |
| 3    | 1027.4        | 92.0                          | 30.339      | 17.4 | 75 | 14.5         | K          | Bright warm sunny day, clear even & night:                   |
| 4    | 1029.4        | 91.2                          | 30.398      | 15.7 | 88 | 14.2         | K          | Warm sunny day, warm night                                   |
| 5    | 1023.6        | 93.9                          | 30.227      | 15.9 | 65 | 10.7         | K          | Warm sunny day, warm clear night:                            |
| 6    | 1023.4        | 88.4                          | 30.221      | 9.0  | 76 | 6.8          | K          | Bright mom, cloudy even, cool.                               |
| 7    | 1024.0        | 87.9                          | 30.239      | 9.7  | 80 | 8.9          | K          | Bright sunny intervals, showers, breezy fresh night.         |
| 8    | 1023.3        | 87.1                          | 30.218      | 8.1  | 72 | 8.7          | K          | Bright sunny ints., cool night, clearing.                    |
| 9    | 1020.9        | 86.0                          | 30.147      | 9.0  | 83 | 1.1          | K          | Mostly overcast, a few short sunny ints:                     |
| 10   | 1020.5        | 86.7                          | 30.135      | 8.9  | 74 | 2.8          | K          | Cloudy day with a few sunny periods, calm cool night:        |
| 11   | 1015.8        | 87.0                          | 29.997      | 10.5 | 86 | 10.2         | K          | Bright & sunny to cloudy overcast even; slight showers.      |
| 12   | 1010.8        | 84.0                          | 29.849      | 8.0  | 81 | 9.8          | K          | Mostly sunny day, slight shower 12:30 Cloudy at obs.         |
| 13   | 1011.3        | 86.6                          | 29.864      | 9.4  | 80 | 11.4         | K          | Mostly bright sunny day, cloudy night:                       |
| 14   | 1013.2        | 85.8                          | 29.920      | 9.8  | 77 | 10.3         | K          | Dull mom, bright sunny afternoon:                            |
| 15   | 1015.5        | 86.2                          | 29.988      | 10.7 | 79 | 1.8          | K          | Few short sunny intervals: calm night, clearing:             |
| 16   | 1012.9        | 87.0                          | 29.911      | 12.0 | 78 | 1.6          | K          | Cloudy mom: bright ints. in afternoon: calm night:           |
| 17   | 1011.0        | 87.0                          | 29.855      | 12.6 | 85 | 0.6          | K          | Mostly overcast day and night:                               |
| 18   | 1019.8        | 87.5                          | 30.115      | 11.1 | 78 | 7.1          | K          | Dull mom, sunny afternoon: scattered clouds, cloudy at obs.  |
| 19   | 1022.2        | 90.0                          | 30.185      | 14.7 | 77 | 10.9         | K          | Bright sunny day:                                            |
| 20   | 1022.3        | 90.9                          | 30.188      | 18.9 | 89 | 5.1          | K          | Sunny periods in mom, clouding: slight drizzle in aft.       |
| 21   | 1019.1        | 91.0                          | 30.094      | 14.7 | 81 | 8.0          | K          | Bright sunny day, calm night:                                |
| 22   | 1017.0        | 89.8                          | 30.032      | 13.3 | 75 | 3.1          | K          | Dull mom, bright warm intervals in aft. Calm night:          |
| 23   | 1021.4        | 90.1                          | 30.162      | 12.8 | 80 | 7.5          | K          | Fine sunny mom, clouding gradually with bright periods:      |
| 24   | 1026.9        | 88.9                          | 30.324      | 10.6 | 77 | 0.7          | K          | Mostly overcast day, few short bright intervals: calm night: |
| 25   | 1028.7        | 88.9                          | 30.377      | 10.5 | 79 | 7.8          | K          | Sunny mom, sunny periods in aft. Clear evening.              |
| 26   | 1027.2        | 88.7                          | 30.333      | 12.9 | 83 | 1.0          | K          | Mostly overcast, light showers, calm night clearing:         |
| 27   | 1019.3        | 88.7                          | 30.100      | 13.2 | 77 | 2.4          | K          | Mostly overcast day, breezy overcast night:                  |
| 28   | 1021.6        | 91.0                          | 30.168      | 16.7 | 82 | 8.0          | K          | Dull mom bright sunny afternoon, cloudy 20 hrs:              |
| 29   | 1025.5        | 89.9                          | 30.283      | 11.9 | 78 | 0.1          | K          | Mostly overcast day, calm <del>windy</del> night:            |
| 30   | 1023.6        | 89.1                          | 30.227      | 11.7 | 80 | 0.2          | K          | " " " " cloudy "                                             |
| 31   |               |                               |             |      |    |              |            |                                                              |

238.3

194.0



| 1942. | MORN         | 9 hrs.                | Anemometer. |      | Clouds. |        | Weather. |          | RAIN               |                    |                          |               |               |      |       |
|-------|--------------|-----------------------|-------------|------|---------|--------|----------|----------|--------------------|--------------------|--------------------------|---------------|---------------|------|-------|
| JULY. | Bar.<br>(mb) | Att.<br>Ther.<br>(°F) | Dry.        | Wet. | Dir.    | Force. | Amount   | Form.    | At time<br>of obs. | Since<br>last obs. | Check:<br>8 INS<br>(INS) | Auto<br>(INS) | Total<br>m.m. | m.m. | ins.  |
| 1     | 1013.0       | 59.6                  | 57.8        | 53.0 | W       | 1      | 9+       | Sc       | C                  | C                  | 0.03                     | 0.03          | 0.7           | 0.7  | .03   |
| 2     | 1006.3       | 59.5                  | 62.0        | 59.3 | SSE     | 2      | 2        | Sc       | bc                 | c, cb, bc          | 0.05                     | 0.05          | 0.9           | 1.2  | .08   |
| 3     | 997.4        | 62.4                  | 63.5        | 61.5 | S'W     | 4      | 10       | As<br>Fm | o, r <sub>o</sub>  | o, r <sub>o</sub>  | 1.0                      | 1.0           | 27.3          | 25.4 | 1.08  |
| 4     | 995.7        | 60.8                  | 61.9        | 57.0 | SSW     | 4      | 3        | Sc       | bc                 | o, r, c, cb        | 0.23                     | 0.23          | 33.1          | 5.8  | 1.31  |
| 5     | 992.1        | 59.6                  | 61.0        | 57.7 | S       | 5      | 7        | Fm       | C                  | o, o, c            | 0.24                     | 0.24          | 39.6          | 6.9  | 1.55  |
| 6     | 993.0        | 58.8                  | 59.9        | 55.6 | SSW     | 5      | 9+       | Sc       | C                  | C                  | 0.04                     | 0.04          | 40.0          | 0.9  | 1.59  |
| 7     | 996.6        | 57.8                  | 52.0        | 53.6 | SW      | 4      | 9+       | As<br>Sc | cb                 | bc, cb             | 0.23                     | 0.23          | 45.9          | 5.9  | 1.82  |
| 8     | 1001.8       | 58.0                  | 58.9        | 56.3 | SW      | 4      | 9+       | As<br>Sc | C                  | C, o               | 0.33                     | 0.34          | 54.6          | 8.7  | 2.15* |
| 9     | 1007.1       | 58.5                  | 61.0        | 56.5 | W       | 4      | 9        | Sc       | C                  | c, cb, bc          | 0.24                     | 0.24          | 60.8          | 6.2  | 2.39  |
| 10    | 1006.0       | 57.8                  | 59.2        | 55.4 | NNW     | 3      | 9+       | Sc       | o, p               | C, p               | 0.10                     | 0.11          | 63.5          | 2.7  | 2.49  |
| 11    | 1007.7       | 57.4                  | 59.9        | 56.4 | NW'W    | 3      | 9+       | Sc       | C                  | C, cb              | -                        | -             | -             | -    | -     |
| 12    | 1011.5       | 57.2                  | 57.9        | 53.9 | W'N     | 2      | 8        | Sc       | C                  | C                  | 0.15                     | 0.15          | 67.3          | 3.8  | 2.64  |
| 13    | 1009.0       | 60.6                  | 60.0        | 57.4 | WNW     | 3      | 9+       | Sc       | C                  | C, P               | -                        | -             | -             | -    | -     |
| 14    | 1009.7       | 59.5                  | 58.9        | 55.4 | W'S     | 4      | 9+       | As<br>Sc | C                  | cb, bc, c          | 0.10                     | 0.10          | 69.8          | 2.5  | 2.74  |
| 15    | 1013.2       | 58.8                  | 56.4        | 53.6 | SW'S    | 3      | 10       | As<br>Sc | o, r <sub>o</sub>  | c, cb, c, o        | 0.41                     | 0.41          | 80.3          | 10.5 | 3.15  |
| 16    | 1004.2       | 59.4                  | 58.5        | 56.6 | W'N     | 4      | 10       | Fm       | o, r <sub>o</sub>  | C, o, r            | -                        | -             | -             | -    | -     |
| 17    | 1010.3       | 58.4                  | 58.0        | 53.4 | NNW     | 5      | 7        | Sc       | cb                 | C, cb              | 0.05                     | 0.05          | 81.5          | 1.2  | 3.20  |
| 18    | 1015.3       | 57.2                  | 55.6        | 51.6 | NNW     | 3      | 9+       | Sc       | C                  | C, p               | 0.15                     | 0.15          | 81.5          | 0.15 | 3.20  |
| 19    | 1015.0       | 57.6                  | 58.0        | 56.8 | W'N     | 2      | 10       | Fm       | o, r <sub>o</sub>  | o, o, o            | 0.02                     | 0.02          | 82.1          | 0.6  | 3.22  |
| 20    | 1014.8       | 60.8                  | 62.6        | 61.0 | W'N     | 1      | 10       | Sc       | o, r <sub>o</sub>  | C, o               | 0.02                     | 0.02          | 82.6          | 0.5  | 3.24  |
| 21    | 1015.0       | 62.0                  | 62.3        | 59.6 | W'N     | 4      | 9+       | As<br>Sc | C                  | C, p               | 0.12                     | 0.12          | 85.6          | 3.0  | 3.36  |
| 22    | 1002.0       | 61.2                  | 59.9        | 59.7 | W'S     | 4      | 10       | Fm       | o, d               | o, r, d            | 0.20                     | 0.22          | 91.7          | 5.5  | 3.56  |
| 23    | 1001.1       | 60.0                  | 59.0        | 56.7 | NW'N    | 4      | 8        | Sc       | C                  | o, o, o, c         | 0.48                     | 0.46          | 102.8         | 11.7 | 4.04  |
| 24    | 996.6        | 60.8                  | 62.0        | 60.3 | W'S     | 5      | 9+       | As<br>Sc | C                  | o, R.              | -                        | -             | -             | -    | -     |
| 25    | 1001.6       | 58.8                  | 58.8        | 54.2 | W       | 3      | 6        | Sc       | cb.                | b, bc              | 0.05                     | 0.05          | 104.1         | 1.3  | 4.09  |
| 26    | 1002.3       | 57.2                  | 55.0        | 52.5 | W'S     | 3      | 9        | Fm       | C, p.              | cb. c.             | 0.17                     | 0.17          | 108.3         | 4.2  | 4.26  |
| 27    | 1003.5       | 59.0                  | 56.3        | 55.7 | N'E     | 1      | 9+       | As<br>Sc | C, d               | o, r, c            | 0.02                     | 0.02          | 112.5         | 0.6  | 4.28  |
| 28    | 1011.5       | 56.8                  | 56.2        | 54.1 | SE'E    | 1      | 10       | As<br>Sc | o                  | b, k, c, o         | 0.07                     | 0.07          | 114.3         | 1.8  | 4.35  |
| 29    | 1008.5       | 58.8                  | 63.5        | 57.6 | WNW     | 3      | 5        | Sc       | cb.                | C, cb, bc.         | -                        | -             | -             | -    | -     |
| 30    | 1016.9       | 57.2                  | 60.6        | 54.9 | WNW     | 2      | 7        | Sc       | b                  | b                  | 0.0                      | 0.0           | -             | 0.0  | -     |
| 31    | 1013.0       | 60.8                  | 66.1        | 62.4 | SSW     | 2      | 9+       | Sc.      | C                  | bc, cb, c.         | 0.0                      | 0.0           | -             | 0.0  | -     |



|    | Bar<br>(mb) | attached<br>thermometer<br>°F | Bar.<br>(ms) | V.T. | %  | Gross<br>min | 1 FT. | 4 FT. | VISIBILITY | REMARKS:-                                                      |
|----|-------------|-------------------------------|--------------|------|----|--------------|-------|-------|------------|----------------------------------------------------------------|
| 1  | 1020.8      | 88.4                          | 30.144       | 11.6 | 71 | 50.9         | 62.0  | 57.2  | L NE       | Calm cloudy night and morn:                                    |
| 2  | 1014.3      | 88.3                          | 29.952       | 17.3 | 84 | 37.0         | 62.1  | 57.2  | K SW       | Calm night, fine sunny day.                                    |
| 3  | 1004.8      | 89.9                          | 29.672       | 17.2 | 89 | 56.8         | 62.5  | 57.5  | K S        | Overcast breezy night. Int. rain from 23 hrs                   |
| 4  | 1003.3      | 89.0                          | 29.627       | 13.7 | 73 | 49.0         | 62.1  | 57.6  | L -        | Rainy night, overcast: Cloudy fresh morn:                      |
| 5  | 999.8       | 88.4                          | 29.524       | 14.8 | 81 | 51.8         | 62.0  | 57.4  | K S        | Overcast breezy night and morn, warm:                          |
| 6  | 1000.7      | 87.9                          | 29.551       | 13.2 | 74 | 49.0         | 61.8  | 57.7  | K SW       | Cloudy breezy night, scattered clouds, fresh morn:             |
| 7  | 1004.7      | 87.3                          | 29.669       | 12.5 | 78 | 49.4         | 61.7  | 57.7  | K SW       | Breezy cloudy morn, cloudy night:                              |
| 8  | 1009.7      | 87.4                          | 29.816       | 14.4 | 84 | 49.0         | 61.6  | 57.7  | L W        | Breezy " " , threatening showers, cloudy night:                |
| 9  | 1015.0      | 87.7                          | 29.973       | 13.6 | 74 | 48.4         | 61.1  | 57.8  | L W        | Clearing at night. Cloudy to " " , Breezy                      |
| 10 | 1013.9      | 87.3                          | 29.940       | 13.2 | 78 | 49.9         | 61.6  | 57.8  | K NW       | Cloudy with passing showers:                                   |
| 11 | 1015.7      | 87.1                          | 29.994       | 13.9 | 79 | 41.9         | 61.4  | 57.8  | L NW       | Variable sky, mostly cloudy, cloudy bright warm morn.          |
| 12 | 1019.5      | 87.0                          | 30.106       | 12.5 | 76 | 46.0         | 61.7  | 57.5  | L NNW      | Bright fresh cloudy morn:                                      |
| 13 | 1016.7      | 88.9                          | 30.023       | 14.9 | 85 | 56.9         | 62.7  | 57.7  | L W        | Heavy shower 5:30 cloudy fresh morn:                           |
| 14 | 1017.5      | 88.8                          | 30.047       | 13.5 | 78 | 48.1         | 62.5  | 57.8  | K SW       | Clearing at night, becoming cloudy. Fresh breezy morn:         |
| 15 | 1021.1      | 87.9                          | 30.153       | 12.8 | 82 | 47.8         | 62.2  | 57.9  | K SW       | Cloudy night - overcast, slight rain at obs:                   |
| 16 | 1012.0      | 88.2                          | 29.884       | 14.7 | 89 | 55.0         | 61.7  | 58.0  | K NNW      | Partly rainy night, overcast, slight rain at obs.              |
| 17 | 1018.3      | 87.6                          | 30.070       | 11.9 | 72 | 44.0         | 61.3  | 58.0  | L N        | Partly cloudy night, fresh breezy morn:                        |
| 18 | 1023.4      | 87.0                          | 30.221       | 11.2 | 75 | 46.4         | 60.9  | 58.9  | L NW       | Slight showers day and night: sky variable.                    |
| 19 | 1023.0      | 87.2                          | 30.209       | 15.2 | 92 | 47.0         | 60.5  | 57.6  | K NW       | Overcast mild morn, slight rain at obs:                        |
| 20 | 1022.5      | 88.0                          | 30.194       | 17.6 | 91 | 55.6         | 62.2  | 57.8  | K W        | mainly overcast, slight intermittent rain before obs.          |
| 21 | 1022.6      | 88.7                          | 30.197       | 16.2 | 85 | 57.2         | 63.0  | 57.9  | L W/N      | mostly cloudy. Shower 6:15: Fresh breezy morn:                 |
| 22 | 1009.6      | 89.2                          | 29.813       | 17.2 | 99 | 56.0         | 62.9  | 58.0  | J WSW      | Overcast rainy drizzly night: Same for morn breezy             |
| 23 | 1008.7      | 88.4                          | 29.787       | 14.7 | 86 | 52.4         | 61.7  | 58.0  | K NW       | Overcast breezy morn. with bright into.                        |
| 24 | 1004.2      | 89.0                          | 29.654       | 17.1 | 91 | 52.0         | 62.0  | 58.1  | L WSW      | Heavy rain during night; fresh windy morn with short into.     |
| 25 | 1009.4      | 89.8                          | 29.807       | 12.2 | 71 | 48.9         | 62.0  | 58.2  | K W        | Clear night, being cloudy in morn.                             |
| 26 | 1010.2      | 87.0                          | 29.831       | 12.2 | 83 | 48.5         | 61.9  | 58.0  | K WNW      | Bright sunny morn. Shower at obs.                              |
| 27 | 1011.3      | 88.0                          | 29.864       | 14.7 | 96 | 53.4         | 62.1  | 58.2  | J N        | Int. rain + drizzle. Some openings at obs:                     |
| 28 | 1019.5      | 86.8                          | 30.106       | 13.1 | 86 | 39.2         | 61.5  | 58.2  | K          | Mostly clear night; cloudy morning.                            |
| 29 | 1016.4      | 87.8                          | 30.014       | 18.5 | 91 | 48.6         | 61.1  | 58.4  | L W/N      | Mostly cloudy night: clearing early morn: becoming more cloudy |
| 30 | 1025.0      | 87.0                          | 30.268       | 12.3 | 69 | 40.0         | 62.0  | 58.2  | K          | Bright sunny, clear night:                                     |
| 31 | 1020.7      | 89.0                          | 30.141       | 17.8 | 80 | 46.0         | 63.5  | 58.4  | K SW       | Night clear, becoming cloudy: warm cloudy morn.                |



1942. EVEN 21 HRS. Anemometer. Clouds. Weather. TEMPERATURE

JULY.

Bar. (m.b.) Att. Ther. (°F)

Dry.

Wet.

Dir.

Force.

Amount

Form.

At time of obs.

Since last obs.

MAX.

MIN.

July, 1942.

|    |        |      |      |      |     |   |    |                      |       |               |      |      |                                           |
|----|--------|------|------|------|-----|---|----|----------------------|-------|---------------|------|------|-------------------------------------------|
| 1  | 1010.0 | 63.3 | 60.0 | 55.9 | S'W | 1 | 9+ | Sc                   | C     | C             | 71.1 | 50.9 | Total Rainfall 4.35 inches                |
| 2  | 1003.4 | 63.8 | 62.9 | 58.7 | S'W | 5 | 9+ | CSm<br>Sc            | C     | C             | 69.8 | 44.6 | Total Sunshine 141.0 hours                |
| 3  | 994.3  | 62.0 | 55.2 | 55.1 | N'E | 2 | 10 | Ns<br>Ac<br>Cu       | O, r, | O, r,         | 64.0 | 55.4 |                                           |
| 4  | 994.2  | 60.8 | 57.0 | 55.6 | S   | 4 | 9  | Ac<br>Cu             | c, p  | bc, d, P      | 66.4 | 52.0 | Max. temp. 74.7°F on 31st July.           |
| 5  | 990.6  | 59.6 | 56.3 | 54.0 | S   | 4 | 5  | Ac<br>Sc             | cb    | cb, P, th, h  | 66.5 | 52.0 | Min. temp. 44.0°F on 28th July.           |
| 6  | 994.9  | 59.0 | 56.9 | 50.8 | SSW | 4 | 10 | Ac<br>Sc<br>Ac<br>Cu | O, r, | c, p          | 65.6 | 51.4 |                                           |
| 7  | 999.4  | 57.6 | 52.9 | 52.1 | SSW | 2 | 9  | Ac<br>Cu             | C     | c, p          | 64.3 | 50.9 | Lowest Max. temp. 58.8°F on 28th          |
| 8  | 1005.1 | 59.0 | 56.7 | 55.2 | W'S | 2 | 8  | Sc<br>Sc             | C     | c, P          | 62.6 | 50.4 | Highest Min. temp. 57.1°F on 21st         |
| 9  | 1008.0 | 59.0 | 54.0 | 53.5 | -   | 0 | 9+ | Sc<br>Fm             | C, r, | c, p          | 64.1 | 50.0 |                                           |
| 10 | 1006.9 | 56.8 | 52.1 | 50.5 | NNW | 2 | 10 | Sc                   | O     | c, p          | 60.9 | 44.9 | Average Max. temp. 65.8°F.                |
| 11 | 1009.6 | 58.6 | 55.6 | 53.6 | -   | 0 | 9  | Sc                   | C     | C             | 63.8 | 46.0 | Average Min. temp. 51.0°F.                |
| 12 | 1010.4 | 61.2 | 61.0 | 58.4 | SSW | 3 | 9+ | Sc                   | C     | C, O, C       | 64.6 | 49.3 |                                           |
| 13 | 1010.0 | 60.0 | 56.7 | 54.2 | W   | 3 | 9+ | Sc                   | C     | c, p          | 66.5 | 52.1 | Mean temp. for month 58.4°F               |
| 14 | 1012.9 | 59.2 | 54.8 | 52.8 | W'N | 3 | 8  | Ac<br>Cu<br>Ac<br>As | C     | c, cb, p      | 65.6 | 52.7 | Min. grass temp. 37.0°F on 2nd            |
| 15 | 1007.0 | 59.8 | 59.8 | 59.4 | WSW | 4 | 9+ | Sc                   | C     | O, r          | 61.5 | 51.0 |                                           |
| 16 | 1008.3 | 59.5 | 53.9 | 50.9 | NW  | 2 | 9+ | Sc                   | C     | c, P, r,      | 64.6 | 53.5 | Highest Bar. at M.S.L. 1022.0 mb. on 19th |
| 17 | 1013.1 | 55.8 | 51.1 | 50.4 | NNW | 3 | 9+ | Sc<br>Fm             | C, p  | C, p          | 62.8 | 48.9 | Lowest Bar. at M.S.L. 990.6 mb. on 5th    |
| 18 | 1016.2 | 58.8 | 53.2 | 50.8 | N'W | 1 | 2  | Ac<br>Cu             | bc    | c, cb         | 63.9 | 49.0 |                                           |
| 19 | 1022.0 | 62.2 | 61.1 | 59.7 | WNW | 3 | 9+ | Ac<br>St             | C     | O, r, O, C    | 73.2 | 50.9 | Greatest Daily Rainfall 1.00 ins. on 3rd  |
| 20 | 1015.3 | 62.4 | 60.5 | 59.8 | W'N | 3 | 10 | St                   | O     | O, p,         | 68.9 | 56.9 | Greatest Daily Sunshine 13.2 hrs. on 30th |
| 21 | 1011.1 | 62.6 | 59.1 | 57.8 | W'N | 3 | 10 | Ac<br>Fm             | O     | C, O, d,      | 68.1 | 57.1 |                                           |
| 22 | 994.8  | 61.0 | 57.0 | 55.4 | W'N | 5 | 8  | Ns<br>Fm             | C     | O, r, d, C    | 61.6 | 56.4 | Weather Summary                           |
| 23 | 1005.1 | 60.6 | 56.7 | 53.6 | SSW | 1 | 10 | Ac<br>St             | O, r, | C, O, r,      | 64.7 | 53.8 | Snow or sleet                             |
| 24 | 998.6  | 60.0 | 55.5 | 52.0 | W   | 4 | 4  | Sc<br>Cu             | bc    | C, bc, d,     | 67.1 | 52.0 | Snow lying                                |
| 25 | 1002.5 | 59.4 | 54.5 | 52.6 | SW  | 2 | 8  | Sc                   | C     | bc, b, bc, p. | 65.7 | 50.5 | Hail                                      |
| 26 | 1000.6 | 58.8 | 54.2 | 53.8 | SSW | 2 | 10 | Ns                   | O, r  | cb, O, r      | 66.2 | 48.8 | Thunder heard                             |
| 27 | 1010.6 | 57.0 | 51.9 | 50.8 | -   | 0 | 10 | Ac                   | b.    | c, cb, bc.    | 64.9 | 51.9 | Fog                                       |
| 28 | 1007.0 | 58.2 | 55.1 | 53.7 | SW  | 2 | 5  | Sc                   | cb.   | C, O, r.      | 58.8 | 44.0 | Ground frost                              |
| 29 | 1014.5 | 58.8 | 53.8 | 52.3 | NW  | 1 | 2  | Sc                   | bc    | bc, bc.       | 68.5 | 52.9 | Gale (force 8 or more)                    |
| 30 | 1016.0 | 60.6 | 57.0 | 54.8 | .   | . | 2  | Ac                   | b     | b             | 70.2 | 45.0 | Air frost.                                |
| 31 | 1009.5 | 63.0 | 60.0 | 57.5 | .   | 0 | 8  | Ac<br>Sc<br>Cu       | cb.   | C, cb, bc.    | 74.7 | 49.8 |                                           |

2041.2 1581.0



1942.

Corrected Barometer

Humidity

| July. | Bar.<br>(corr.)<br>(mb) | Bar<br>(ins.) | attached<br>Therm.<br>(°F.) | V.T. | %  | SUN-<br>SHINE | VISIBILITY | DIRN.<br>CLOUD. | REMARKS.                                                                          |
|-------|-------------------------|---------------|-----------------------------|------|----|---------------|------------|-----------------|-----------------------------------------------------------------------------------|
| 1     | 1017.5                  | 30.047        | 90.4                        | 13.4 | 76 | 8.1           | L          | W               | mostly fine sunny day, calm night:                                                |
| 2     | 1010.7                  | 29.846        | 90.7                        | 14.7 | 76 | 2.5           | K          | SW              | Bright sunny periods, breezy night:                                               |
| 3     | 1001.7                  | 29.580        | 89.7                        | 14.7 | 99 | 4.7           | I          | NE              | Continuous rain all day and at obsn:                                              |
| 4     | 1001.7                  | 29.580        | 89.0                        | 14.5 | 91 | 4.7           | K          | SE              | Bright sunny morn, heavy showers 16.30-18 hrs: 20 hrs.                            |
| 5     | 998.3                   | 29.480        | 88.4                        | 13.2 | 86 | 6.8           | K          | SW              | Heavy showers, thunder 14 <sup>th</sup> Hail, squally wild night:                 |
| 6     | 1002.6                  | 29.607        | 88.0                        | 10.1 | 63 | 8.0           | K          | SW              | Bright warm periods between showers:                                              |
| 7     | 1007.5                  | 29.751        | 87.2                        | 13.0 | 94 | 8.6           | K          | SW              | Bright sunny periods, passing showers:                                            |
| 8     | 1013.0                  | 29.914        | 88.0                        | 14.3 | 90 | 2.8           | L          | SW              | Heavy showers 11.30-14.30 Breezy day, calm night:                                 |
| 9     | 1016.0                  | 30.002        | 88.0                        | 13.7 | 96 | 6.5           | K          | NW              | Sunny periods, passing showers, calm night:                                       |
| 10    | 1014.9                  | 29.970        | 86.8                        | 11.7 | 89 | 4.9           | K          | NW              | Passing showers, with short sunny intervals.                                      |
| 11    | 1017.5                  | 30.047        | 87.8                        | 13.1 | 87 | 3.3           | K          | SW              | Cloudy day, few sunny intervals, calm night:                                      |
| 12    | 1018.1                  | 30.063        | 89.2                        | 15.5 | 85 | 4.1           | K          | SW              | Bright periods in morn, becoming cloudy - overcast:                               |
| 13    | 1017.7                  | 30.060        | 88.6                        | 13.2 | 85 | 1.6           | K          | W               | Cloudy day, few sunny intervals slight shower 15 <sup>th</sup>                    |
| 14    | 1020.9                  | 30.147        | 88.1                        | 12.7 | 87 | 6.1           | K          | NW              | Bright sunny periods between passing showers:                                     |
| 15    | 1014.7                  | 29.964        | 88.5                        | 17.1 | 98 | 0.1           | J          | WSW             | Rain mostly of the day tending to clear at obsn:                                  |
| 16    | 1016.3                  | 30.011        | 88.3                        | 11.4 | 79 | 0.9           | K          | NNW             | Cloudy with showers or into rain, breezy night:                                   |
| 17    | 1022.5                  | 30.165        | 87.2                        | 12.1 | 95 | 5.1           | K          | N               | Mostly cloudy with bright sunny periods                                           |
| 18    | 1024.3                  | 30.248        | 87.9                        | 11.6 | 84 | 4.7           | K          | N               | Mostly cloudy with bright intervals, calm night:                                  |
| 19    | 1022.0                  | 30.179        | 89.8                        | 17.9 | 98 | 4.0           | K          | NNW             | Overcast morn, slight rain 12 <sup>th</sup> 13 <sup>th</sup> . Bright sunny aftn. |
| 20    | 1022.9                  | 30.206        | 89.9                        | 17.2 | 96 | 0.7           | K          | NW              | Overcast, very light passing showers:                                             |
| 21    | 1018.6                  | 30.079        | 90.0                        | 15.7 | 92 | 2.6           | K          | W               | Mostly overcast, bright into in morn. Int slight drizzle:                         |
| 22    | 1002.3                  | 29.598        | 89.1                        | 14.3 | 90 | 0.4           | K          | W/N             | Rain until 13 hrs. After which drizzle; windy                                     |
| 23    | 1013.0                  | 29.914        | 88.9                        | 13.5 | 93 | 2.8           | K          | SW              | Sunny periods: morning being overcast: rain from 2030 hrs.                        |
| 24    | 1006.1                  | 29.710        | 88.6                        | 11.9 | 78 | 5.3           | L          | W               | Dull morn. being fine clear into. breezy & fresh.                                 |
| 25    | 1010.4                  | 29.837        | 88.2                        | 12.7 | 88 | 9.4           | K          | SW              | Mostly fine sunny day. Shower 14 and 18 hrs.                                      |
| 26    | 1008.5                  | 29.782        | 87.8                        | 13.8 | 97 | 5.1           | K          | S/E             | Bright sunny periods. Int. rain from 17 hrs.                                      |
| 27    | 1018.8                  | 30.085        | 86.9                        | 12.0 | 91 | 2.4           | K          | -               | Mostly cloudy but with bright sunny periods; calm clear night.                    |
| 28    | 1015.0                  | 29.973        | 87.5                        | 13.2 | 90 | 0.0           | K          | SW              | Cloudy overcast: Rain 14 & 16 hrs: clearing at obs.                               |
| 29    | 1022.9                  | 30.206        | 87.9                        | 12.8 | 91 | 8.4           | L          | W/N             | Mostly cloudy night; clearing to bright sunny morn: becoming overcast             |
| 30    | 1023.8                  | 30.233        | 88.9                        | 13.1 | 83 | 13.2          | L          | -               | Bright sunny day.                                                                 |
| 31    | 1016.9                  | 30.029        | 88.0                        | 15.0 | 86 | 7.9           | K          | S?              | Bright sunny day; scattered clouds.                                               |

272.3

141.0



| 1942.  | MORN.         | 9 HRS.                 |      | Anemometer.     |      | Clouds. |        | Weather.            |                    | RAIN.              |                  | TOTAL          |        |       |
|--------|---------------|------------------------|------|-----------------|------|---------|--------|---------------------|--------------------|--------------------|------------------|----------------|--------|-------|
| AUGUST | Bar.<br>(mb.) | Att.<br>Ther.<br>(°F.) | Dry. | Wet.<br>(corr.) | Dir. | Force.  | Amount | Form.               | At time<br>of obs. | Since<br>last obs. | 8 INS.<br>(INS.) | AUTO<br>(INS.) | (INS.) | (mm.) |
| 1      | 1005.7        | 61.5                   | 64.1 | 62.0            | S'E  | 1       | 10     | Sc.                 | o.                 | cb, o              | 0.23             | 0.24           | 0.243  | 6.0   |
| 2      | 1000.5        | 60.8                   | 58.5 | 58.3            | —    | 0       | 10     | NS<br>Fn            | o                  | c, o, rr, o        | 0.46             | 0.43           | 0.679  | 11.0  |
| 3      | 1006.3        | 42.1                   | 56.8 | 54.7            | N'E  | 3       | 9+     | Sc<br>Ac. Ms        | c                  | o                  | 0.0              | 0.0            | 0.67   | 0.0   |
| 4      | 1014.0        | 58.8                   | 57.0 | 53.6            | N'W  | 2       | 9+     | Sc<br>Cu.           | c, b               | c.                 | 0.0              | 0.0            | 0.67   | 0.0   |
| 5      | 1016.4        | 58.4                   | 59.6 | 55.8            | NW'W | 3       | 10     | Sc<br>Cu            | o                  | c, o.              | 0.0              | 0.0            | 0.67   | 0.0   |
| 6      | 1013.9        | 59.4                   | 62.2 | 53.8            | S'W  | 3       | 9+     | cu Sc<br>Ac.        | bc                 | c, cb              | 0.04             | 0.04           | 0.713  | 1.0   |
| 7      | 1008.8        | 61.4                   | 63.2 | 61.4            | SSW  | 4       | 9+     | Sc.                 | c                  | c, b.              | 0.69             | 0.69           | 1.402  | 17.6  |
| 8      | 993.6         | 61.6                   | 58.8 | 58.1            | SSW  | 4       | 10     | AS<br>Fn            | o                  | o, RR              | 0.17             | 0.17           | 1.570  | 4.4   |
| 9      | 999.9         | 59.4                   | 58.5 | 56.9            | S'W  | 3       | 9+     | Fn                  | c                  | o, c               | 0.13             | 0.13           | 1.702  | 3.4   |
| 10     | 987.4         | 61.0                   | 61.2 | 60.2            | S'W  | 5       | 10     | Fn                  | o, d.              | o, r, d.           | 0.42             | 0.43           | 2.134  | 11.0  |
| 11     | 996.0         | 60.6                   | 60.0 | 57.3            | W'S  | 4       | 9      | cu Fo.<br>No As Cs. | c                  | o, r, d, c         | 0.10             | 0.10           | 2.234  | 2.5   |
| 12     | 1001.8        | 59.2                   | 56.9 | 55.0            | W'N  | 3       | 9+     | cu<br>Fn            | c                  | o, r, c            | 0.09             | 0.09           | 2.323  | 2.3   |
| 13     | 1004.0        | 58.8                   | 57.8 | 56.5            | WSW  | 3       | 10     | Sc<br>Fn            | o                  | o, rr              | 0.17             | 0.17           | 2.490  | 4.3   |
| 14     | 1005.5        | 59.0                   | 60.0 | 57.4            | W'N  | 2       | 9+     | Sc<br>Cu.           | c                  | b, bc, c.          | 0.06             | 0.06           | 2.556  | 1.5   |
| 15     | 998.5         | 60.8                   | 60.8 | 59.8            | S'W  | 4       | 10     | NS<br>Fn            | o, r.              | c, o               | 0.06             | 0.06           | 2.612  | 1.5   |
| 16     | 1010.9        | 58.2                   | 56.5 | 53.7            | W    | 3       | 9      | cu Sc<br>Cu Fn      | c                  | b, bc              | 0                | 0              | 2.612  | 0     |
| 17     | 1006.3        | 59.6                   | 59.8 | 56.5            | SW   | 6       | 10     | Fn.                 | o                  | o                  | 0.02             | 0.02           | 2.634  | 0.4   |
| 18     | 1000.7        | 59.0                   | 58.8 | 55.9            | S'W  | 4       | 10     | Sc.<br>Ns.          | o, r.              | o, r.              | 0.07             | 0.07           | 2.70   | 1.75  |
| 19     | 993.2         | 58.4                   | 58.2 | 53.8            | SSW  | 4       | 9      | Cu.                 | bc.                | bc.                | 0.02             | 0.02           | 3      | 0.5   |
| 20     |               |                        |      |                 |      |         |        |                     |                    |                    | 0.10             | 0.10           | 2.80   | 2.5   |
| 21     | 995.9         | 57.4                   | 57.2 | 55.9            | ESE  | 4       | 10     | Fn.<br>Ns.          | o                  | o, r.              | 0.08             | 0.08           | 2.88   | 2.0   |
| 22     | 996.1         | 58.6                   | 57.6 | 54.8            | WSW  | 3       | 10     | Fn.                 | o                  | o, r, d.           | —                | —              | —      | —     |
| 23     | 1009.4        | 58.2                   | 57.3 | 54.0            | N'W  | 2       | 7      | Sc<br>Cu            | cb                 | b, bc              | bc               | bc             | bc     | bc    |
| 24     | 1001.3        | 58.6                   | 57.9 | 54.8            | S'E  | 3       | 10     | NS<br>Fn            | o                  | o,                 | 0.63             | 0.63           | 3.51   | 416.0 |
| 25     | 994.3         | 59.0                   | 60.0 | 59.6            | E'N  | 2       | 10     | Fn.<br>Ns.          | o                  | or.                | —                | —              | —      | —     |
| 26     | 1003.8        | 60.2                   | 63.0 | 58.6            | ESE  | 2       | 9      | Sc<br>Cu            | bc                 | o, bc              | —                | —              | —      | —     |
| 27     | 1012.5        | 59.0                   | 57.5 | 57.3            | —    | 0       | —      | —                   | f                  | f                  | —                | —              | —      | —     |
| 28     | 1009.2        | 59.8                   | 62.5 | 59.8            | N'W  | 2       | 3      | Cs.                 | b                  | bc, b              | 0.01             | 0.01           | 3.52   | 5 0.2 |
| 29     | 1006.6        | 61.6                   | 59.0 | 57.6            | N'W  | 2 to    | 10     | Sc                  | o, bc              | c, o, bc           | 0.59             | 0.59           | 4.11   | 416.0 |
| 30     | 1005.1        | 59.0                   | 54.2 | 51.3            | NE'E | 3       | 10     | Sc<br>Fn            | o                  | o                  | 0.09             | 0.09           | 4.20   | 5 2.2 |
| 31     | 998.7         | 58.0                   | 55.0 | 54.9            | NE'E | 1       | 10     | St.                 | od.                | o.                 | 0.04             | 0.04           | 4.24   | 7 1.0 |
|        |               |                        |      |                 |      |         |        |                     |                    |                    | 4.27             | 4.26           |        |       |



| 1942. | Corrected Barometer |               |                       | Humidity |    |               | IN GROUND. |       |       |                                                            |
|-------|---------------------|---------------|-----------------------|----------|----|---------------|------------|-------|-------|------------------------------------------------------------|
| AUG.  | BAR.<br>(mb)        | BAR.<br>(INS) | ATTD.<br>THER.<br>OA. | V.T.     | %  | GRASS<br>MIN. | 1 FT.      | 4 FT. | DIRN. | REMARKS:-                                                  |
| 1     | 1013.3              | 29.926        | 89.4                  | 18.0     | 89 | 47.1          | 64.0       | 58.4  | SW    | Warm overcast morn:                                        |
| 2     | 1008.1              | 29.769        | 89.0                  | 16.5     | 99 | 51.5          | 64.0       | 58.5  | S     | Heavy rain in early morn, overcast calm at obs             |
| 3     | 1014.0              | 29.946        | 88.7                  | 13.8     | 87 | 54.0          | 63.0       | 58.8  | NNE   | Cloudy, tending to calm: overcast night.                   |
| 4     | 1021.9              | 30.176        | 87.8                  | 12.5     | 79 | 40.9          | 62.0       | 58.8  | NNE   | Cloudy night: few drops of rain at obs: sunny periods.     |
| 5     | 1024.4              | 30.252        | 87.6                  | 13.3     | 77 | 50.2          | 61.8       | 58.8  | N'W   | Cloudy night: overcast morn.                               |
| 6     | 1021.8              | 30.176        | 88.2                  | 9.8      | 54 | 52.6          | 62.2       | 58.8  | SW    | Cloudy night: mild cloudy morn. (bs)                       |
| 7     | 1016.5              | 30.017        | 89.3                  | 17.5     | 89 | 58.5          | 63.0       | 58.8  | SSW   | Cloudy night: rain 4 <sup>h</sup> -5 <sup>h</sup> .        |
| 8     | 993.6               | 29.341        | 89.5                  | 16.3     | 96 | 56.0          |            | 58.8  | W     | Thunder 22 hrs, heavy rain during night, overc. morn.      |
| 9     | 1007.7              | 29.757        | 88.2                  | 15.2     | 90 | 51.0          | 62.6       | 58.8  | SSW   | Cloudy breezy morn:                                        |
| 10    | 994.9               | 29.379        | 89.1                  | 16.4     | 93 | 56.0          | 63.0       | 59.0  | SSW   | Overcast: slight rain & drizzle: windy morn.               |
| 11    | 1003.6              | 29.636        | 88.9                  | 14.8     | 84 | 54.9          | 62.8       | 59.0  | WS    | Rain 2 <sup>h</sup> -7 <sup>h</sup> Windy fresh morn.      |
| 12    | 1009.6              | 29.813        | 88.1                  | 13.8     | 87 | 51.1          | 62.5       | 59.0  | W     | Mainly overcast: slight rain.                              |
| 13    | 1012.9              | 29.890        | 87.9                  | 15.1     | 91 | 47.5          | 61.7       | 59.0  | W     | Mainly overcast night. Rain from 4 hrs - 9 hrs. Dull morn. |
| 14    | 1013.4              | 29.926        | 88.0                  | 14.7     | 83 | 44.9          | 61.8       | 59.0  | SW    | Mainly clear night: Bright mild morn.                      |
| 15    | 1006.1              | 29.710        | 89.0                  | 17.1     | 94 | 57.8          | 63.7       | 58.7  | S'W   | Cloudy night, overcast breezy rainy morn:                  |
| 16    | 1018.8              | 30.085        | 87.5                  | 13.0     | 82 | 46.1          | 62.2       | 58.8  | WSW   | Cloudy breezy cool morn:                                   |
| 17    | 1014.2              | 29.949        | 88.3                  | 13.9     | 79 | 54.8          | 62.0       | 58.8  | SSW   | Overcast, cool: very breezy.                               |
| 18    | 1008.5              | 29.781        | 88.0                  | 13.9     | 82 | 54.0          | 61.2       | 58.8  | WSW   | Breezy, overcast, cool, drizzle.                           |
| 19    | 1000.9              | 29.556        | 87.6                  | 11.9     | 72 | 50.0          | 61.6       | 58.8  | SW    | Breezy, cool, partly cloudy.                               |
| 20    |                     |               |                       |          |    |               |            |       |       |                                                            |
| 21    | 1003.8              | 29.642        | 87.1                  | 14.6     | 91 | 49.0          | 60.5       | 58.5  | SE    | Cool, breezy with rain at intervals.                       |
| 22    | 1003.9              | 29.645        | 87.8                  | 13.2     | 82 | 51.0          | 60.2       | 58.5  | WSW   | Cool, dull, breezy.                                        |
| 23    | 1017.3              | 30.041        | 87.5                  | 12.7     | 80 | 39.0          | 59.6       | 58.3  | N     | Cool bright cloudless morn, later cloudy:                  |
| 24    | 1010.1              | 30.056        | 87.8                  | 13.3     | 81 | 45.9          | 60.0       | 58.2  | ESE   | Changeable cool slight rain in night:                      |
| 25    | 1002.0              | 29.589        | 88.0                  | 17.0     | 96 | 56.0          | 60.2       | 58.2  | E'S   | Extremely heavy rains at night: threateningly warm.        |
| 26    | 1011.4              | 29.867        | 88.8                  | 14.9     | 75 | 52.0          | 60.9       | 58.0  | S'E   | Warm bright intervals:                                     |
| 27    | 1020.4              | 30.132        | 88.0                  | 16.0     | 99 | 45.0          | 60.8       | 58.0  | SSW   | Foggy during night, calm foggy morn:                       |
| 28    | 1016.9              | 30.029        | 88.5                  | 16.6     | 86 | 49.5          | 61.8       | 59.0  | (-)   | Foggy morn clear mild night:                               |
| 29    | 1014.3              | 29.952        | 89.5                  | 15.6     | 91 | 55.6          | 62.8       | 58.2  | (-)   | Mainly cloudy, later overcast, dull morn. Thunder Showers. |
| 30    | 1013.1              | 29.917        | 88.0                  | 11.5     | 81 | 53.8          | 61.5       | 58.3  | (E)   | Overcast cool morn and night:                              |
| 31    | 1006.8              | 29.733        | 87.4                  | 14.5     | 98 | 54.0          | 60.5       | 58.4  | ?     | Cool overcast morn: slight drizzle at obs.                 |



| 1942.   | EVEN.         |                     | 21 HRS. |      | Anemometer. |        | Clouds. |             | Weather.           |                    | TEMP. |      | August, 1942.                             |
|---------|---------------|---------------------|---------|------|-------------|--------|---------|-------------|--------------------|--------------------|-------|------|-------------------------------------------|
| AUGUST. | Bar.<br>(mb.) | Att.<br>Ther.<br>°F | Dry.    | Wet. | Dir.        | Force. | Amount  | Form.       | At time<br>of obs. | Since<br>last obs. | MAX.  | MIN. |                                           |
| 1       | 1003.0        | 62.0                | 60.0    | 59.7 | SSW         | 1      | 9+      | Sc<br>Ac As | c, r.              | c, cb, p, c        | 71.1  | 49.8 | Total Rainfall ..... 4.24 inches          |
| 2       | 1001.1        | 61.1                | 57.6    | 57.6 | N'E         | 2      | 10      | Fn<br>Ns.   | o                  | o, RR.             | 60.8  | 56.6 | Total Sunshine ..... 82.8 hours           |
| 3       | 1010.6        | 60.0                | 53.1    | 51.8 | N'W         | 2      | 9       | Sc.         | c                  | o, c               | 59.7  | 52.9 |                                           |
| 4       | 1015.9        | 58.0                | 54.0    | 52.8 | N'W         | 2      | 9+      | Sc          | c                  | c, o, o.           | 60.1  | 46.4 | Max. temp. 75.2°F on 28th August.         |
| 5       | 1016.5        | 59.4                | 56.2    | 55.0 | -           | 0      | 10      | Sc<br>Fn    | o                  | o, c, o            | 62.4  | 50.2 | Min. temp. 44.2°F on 23rd August          |
| 6       | 1011.0        | 61.6                | 62.1    | 60.6 | S           | 3      | 10      | No.         | o, r.              | h, c, o, b         | 64.7  | 52.9 |                                           |
| 7       | 1003.8        | 65.8                | 66.8    | 65.2 | S'W         | 2      | 9+      | Sc          | c, r.              | c, cb, k, c        | 73.1  | 59.2 | Lowest Max. temp. 57.5°F on 30th          |
| 8       | 998.2         | 60.8                | 55.0    | 54.0 | W           | 1      | 7       | Sc          | cb                 | o, RR, c           | 66.8  | 54.8 | Highest Min. temp. 59.2°F on 7th          |
| 9       | 1001.6        | 61.0                | 59.2    | 57.2 | SSW         | 3      | 10      | Sc.         | o                  | c, cb, p, c        | 67.1  | 53.0 |                                           |
| 10      | 989.1         | 59.8                | 56.2    | 56.2 | SW          | 5      | 10      | Fn          | o, r.              | o, r.              | 66.6  | 55.9 | Average Max. temp. 65.5°F                 |
| 11      | 1001.0        | 60.6                | 56.1    | 54.7 | W'N         | 3      | 10      | Fn<br>Ac.   | o                  | o, p, c, o.        | 64.9  | 54.6 | Average Min. temp. 52.5°F                 |
| 12      | 1004.0        | 59.0                | 54.0    | 52.8 | W           | 3      | 3       | Sc          | bc                 | c, p, cb           | 61.7  | 52.7 |                                           |
| 13      | 1006.2        | 60.2                | 57.1    | 56.9 | WSW         | 1      | 2       | Sc          | b                  | o, r, cb, k.       | 64.0  | 50.4 | Mean temp. for month 59.0°F               |
| 14      | 1004.1        | 61.2                | 59.2    | 56.7 | S'E         | 1      | 9       | Sc<br>Ns    | c                  | c, cb              | 68.8  | 49.9 |                                           |
| 15      | 1001.8        | 62.2                | 58.5    | 57.8 | WSW         | 3      | 10      | Fn          | ovr                | c, o, r            | 69.2  | 58.2 | Min. grass temp. 39.0°F on 23rd.          |
| 16      | 1008.5        | 59.8                | 57.5    | 53.0 | WSW         | 5      | 10      | Fn.         | o                  | c, cb, o.          | 65.6  | 48.2 |                                           |
| 17      | 1005.4        | 60.0                | 59.8    | 57.5 | SSW         | 4      | 10      | Fn.         | o                  | o                  | 62.2  | 56.4 | Highest Bar. at M.S.L. 1016.5 mb. on 5th  |
| 18      | 993.0         | 58.4                | 56.5    | 54.2 | SSW         | 4      | 10      | Fn.         | ovr.               | o                  | 65.3  | 55.8 | Lowest Bar. at M.S.L. 989.1 mb on 10th    |
| 19      | 994.5         | 60.2                | 55.0    | 51.3 | S'W         | 3      | 2       | Sc          | bc                 | c                  | 67.0  | 52.9 |                                           |
| 20      | 999.9         | 58.8                | 54.1    | 52.3 | SSW         | 3      | 9+      | Fn.         | c                  | c, r.              | 63.2  | 51.0 | Greatest Daily Rainfall 0.69 ins. on 7th  |
| 21      | 994.5         | 59.0                | 56.9    | 52.9 | SSW         | 3      | 5       | Fn.         | cb                 | op, c              | 64.0  | 50.8 | Greatest Daily Sunshine 11.5 hrs. on 28th |
| 22      | 1006.0        | 59.0                | 51.8    | 49.9 | NW'N        | 2      | 5       | Ac<br>Sc    | bc                 | c, cb, c           | 63.5  | 51.6 | Weather Summary.                          |
| 23      | 1009.0        | 59.8                | 54.3    | 53.1 | W'N         | 1      | 1       | Cn          | bc                 | h, bc, c           | 64.7  | 44.2 |                                           |
| 24      | 997.0         | 58.2                | 57.4    | 56.8 | SSW         | 4      | 10      | No.<br>Fn.  | ovr.               | c, o, o.           | 61.0  | 49.3 | Snow or Sleet                             |
| 25      | 998.2         | 60.4                | 58.5    | 58.0 | S'E         | 2      | 3       | Fn          | bc                 | c, o, c            | 69.2  | 56.8 | Snow lying                                |
| 26      | 1009.2        | 61.6                | 57.3    | 56.8 | S'W         | 3      | 6       | St          | bc                 | bc, c, cb          | 69.0  | 56.0 | Hail                                      |
| 27      | 1011.8        | 63.8                | 59.7    | 57.4 | SSW         | 2      | 1       | St          | b                  | h, bc, b           | 75.0  | 47.5 | Thunder heard.                            |
| 28      | 1007.1        | 62.8                | 57.8    | 51.7 | NNE         | 2      | 8       | Sc          | cb                 | f, k, b            | 75.2  | 50.0 | Fog                                       |
| 29      | 1005.4        | 61.2                | 56.9    | 56.7 | N'E         | 3      | 10      | St.         | o                  | o, p, e.           | 63.1  | 54.8 | Ground Frost.                             |
| 30      | 1002.5        | 58.8                | 52.3    | 51.9 | N'E         | 2      | 10      | Sc.         | o, do.             | o, r.              | 57.5  | 51.5 | Gale (force 8 or more)                    |
| 31      | 995.9         | 59.8                | 57.7    | 56.2 | SSW         | 2      | 4       | Ac.<br>Sc.  | bc.                | o, p, o            | 62.9  | 51.8 | Ris Frost.                                |

2029.4 1626.1



1942.

Corrected Barometer

Humidity

AUG.

BAR.  
(mb)BAR.  
(INS.)ATTD.  
THER.  
°A

V.T.

%

SUN  
SHNE.

VISIBILITY DIRN.

REMARKS:-

|    |        |        |      |      |     |      |   |      |                                                                                            |
|----|--------|--------|------|------|-----|------|---|------|--------------------------------------------------------------------------------------------|
| 1  | 1010.4 | 29.837 | 89.7 | 17.3 | 98  | 2.4  | K | SW   | Mostly warm cloudy day <sup>from 12.30</sup> with sunny periods. Int. rain. slight shower. |
| 2  | 1008.7 | 29.787 | 89.2 | 16.3 | 100 | 0.0  | I | N    | Rain except from 14.5 - 17.5 and at obs. Dull heavy day.                                   |
| 3  | 1018.3 | 30.070 | 88.6 | 12.5 | 91  | 0.1  | K | NNE  | Mostly overcast day: cloudy night.                                                         |
| 4  | 1024.2 | 30.255 | 87.4 | 12.9 | 91  | 1.5  | L | NW'W | Cloudy overcast day: Mild cloudy night.                                                    |
| 5  | 1024.5 | 30.256 | 88.2 | 13.9 | 91  | 0.5  | K | NE   | Mostly overcast with cloudy periods: calm night.                                           |
| 6  | 1018.7 | 30.082 | 89.3 | 17.1 | 90  | 3.0  | J | SW   | Sunny morning: slight drizzle 17.5 Rain from 16.20.5.                                      |
| 7  | 1010.7 | 29.846 | 91.8 | 20.7 | 91  | 2.4  | K | S'W  | mostly cloudy, sunny 11-13 hrs warm, sultry:                                               |
| 8  | 1006.0 | 29.707 | 89.0 | 13.8 | 93  | 1.7  | K | W    | Cont. rain 11hrs-15hrs. mostly overcast - cloudy.                                          |
| 9  | 1009.2 | 29.825 | 89.1 | 14.8 | 87  | 3.7  | K | SW   | Bright sunny periods: light passing showers.                                               |
| 10 | 996.8  | 29.442 | 88.4 | 15.3 | 100 | 2.3  | J | WSW  | Overcast mostly with int. rain, windy.                                                     |
| 11 | 1008.6 | 29.784 | 88.9 | 13.7 | 90  | 2.9  | K | NW   | Shower day: Fine sunny periods: overcast night.                                            |
| 12 | 1011.9 | 29.881 | 88.0 | 13.1 | 72  | 1.2  | K | W    | Mostly cloudy, clearing 12hrs Slight showers 17.30.                                        |
| 13 | 1014.1 | 29.946 | 88.7 | 15.7 | 99  | 0.1  | K | W    | Overcast. rain 18.5-19.5. damp night.                                                      |
| 14 | 1011.7 | 29.876 | 89.2 | 14.6 | 85  | 3.7  | K | S'W  | Mainly cloudy cool even, bright ints. Calm cloudy night.                                   |
| 15 | 1009.2 | 29.825 | 89.8 | 16.0 | 96  | 1.3  | J | WSW  | mainly cloudy with warm sunny ints. breezy wet int.                                        |
| 16 | 1016.4 | 30.010 | 88.4 | 11.3 | 71  | 4.8  | J | SSW  | Overcast breezy night: cloudy breezy day.                                                  |
| 17 | 1013.1 | 29.917 | 88.6 | 15.0 | 86  | 0.0  | K | SW'W | Mostly overcast day: warm overcast breezy night.                                           |
| 18 | 1000.7 | 29.551 | 88.1 | 13.3 | 84  | 1.3  | J | WSW  | Mostly overcast day: cool breezy night: overcast & slight rain at obs.                     |
| 19 | 1002.2 | 29.595 | 94.5 | 11.2 | 76  | 7.5  | K | WSW  | Clear moonlit night: cloudy day.                                                           |
| 20 | 1007.8 | 29.760 | 87.9 | 12.4 | 87  | 5.1  | K | WSW  | Mostly overcast day with showers: breezy cloudy night.                                     |
| 21 | 1002.1 | 29.592 | 88.0 | 11.6 | 74  | 1.5  | K | W'S  | Cool, bright night, cloudy breezy day.                                                     |
| 22 | 1014.0 | 29.943 | 88.0 | 11.5 | 87  | 1.5  | K |      | Cool bright night, cloudy day threatening at times.                                        |
| 23 | 1016.9 | 30.029 | 88.5 | 13.1 | 92  | 6.1  | K |      | Bright sunny ints: cool calm night.                                                        |
| 24 | 1004.8 | 29.789 | 87.5 | 15.3 | 96  | 0.6  | J |      | Well breezy day and night.                                                                 |
| 25 | 1005.8 | 29.819 | 88.8 | 16.2 | 97  | 1.3  | K |      | Cloudy during day clearing towards night.                                                  |
| 26 | 1016.7 | 30.023 | 89.5 | 14.5 | 90  | 7.4  | K |      | mild bright night warm sunny day.                                                          |
| 27 | 1019.2 | 30.097 | 90.7 | 15.1 | 86  | 8.4  | K |      | Foggy morn clearing later, warm bright sunny day: cool night.                              |
| 28 | 1014.6 | 29.961 | 90.1 | 10.6 | 64  | 11.5 | K |      | " " " " " " " " " " " "                                                                    |
| 29 | 1013.1 | 29.917 | 89.2 | 15.4 | 97  | 0.0  | K |      | Heavy shower 12.5-13.30: occasional thunder: wind at obs. freshening.                      |
| 30 | 1010.3 | 29.834 | 87.9 | 13.0 | 96  | 0.0  | J |      | Overcast day: rain 10.5-17.5: slight drizzle at obs.                                       |
| 31 | 1003.7 | 29.639 | 88.4 | 14.0 | 89  | 0.0  | K |      | Cool overcast day with slight showers: slight breeze.                                      |

274.6

83.8



| 1942.     | MORN.  | g hrs.              |      | Anemometer. |      | Clouds. |        | Weather.                 |                    | RAIN.              |                 |                 |                  |        |            |  |
|-----------|--------|---------------------|------|-------------|------|---------|--------|--------------------------|--------------------|--------------------|-----------------|-----------------|------------------|--------|------------|--|
| SEPTEMBER | Bar.   | Att.<br>Ther.<br>F° | Dry. | Wet.        | Dir. | Force.  | Amount | Form.                    | At time<br>of obs. | Since<br>last obs. | 8/15.<br>(ins.) | Auto.<br>(ins.) | Total.<br>(ins.) | m.m.   | VISIBILITY |  |
| 1         | 998.1  | 57.8                | 58.2 | 54.9        | SSW  | 3       | 7      | ci<br>sc.                | cl.                | cl, bc, c.         | 0.06            | 0.06            | 0.06             | 1.5    | K          |  |
| 2         | 998.6  | 56.8                | 56.4 | 53.3        | S'W  | 4       | 4      | Cu                       | bc                 | or, o, c           | 0.35            | 0.32            | 0.38             | 8.5    | K          |  |
| 3         | 988.9  | 59.2                | 57.0 | 54.8        | WSW  | 3       | 7      | sc<br>Cu                 | cl                 | o, or, o           | h               | h               | 0.38             | h      | K          |  |
| 4         | 1001.2 | 56.0                | 56.3 | 52.1        | SSW  | 5       | 4      | Cu                       | bc                 | b, bc              | 0.68            | 0.68            | 1.06             | 17.3   | K          |  |
| 5         | 994.4  | 58.0                | 58.1 | 53.8        | SW   | 5       | 3      | ci<br>Cu<br>Fn           | bc                 | or, o              | 0.09            | 0.09            | 1.15             | 2.3    | K          |  |
| 6         | 1009.4 | 55.2                | 51.5 | 50.5        | WSW  | 2       | 2      | Cu.                      | bc.                | c, cl, R.          | 0.12            | 0.12            | 1.27             | 30 3.1 | K          |  |
| 7         | 1011.1 | 56.4                | 54.7 | 53.8        | S'W  | 5       | 10     | Fn.<br>Ac.               | o, rr.             | o, r.              | 0.02            | 0.02            | 1.29             | 32 0.5 | I          |  |
| 8         | 1012.4 | 59.0                | 58.8 | 57.7        | SSW  | 4       | 10     | St                       | o                  | o, d               | h.              | h.              | 1.29             | 32 h.  | I          |  |
| 9         | 1019.1 | 57.8                | 58.2 | 54.1        | SW   | 3       | 6      | ci.<br>sc.               | cl.                | c, cl, o.          | -               | -               | -                | -      | K          |  |
| 10        | 1020.1 | 56.6                | 57.0 | 53.9        | S'E  | 3       | 7      | ci<br>Ac<br>Ac           | cl                 | o, c               | -               | -               | -                | -      | K          |  |
| 11        | 1015.1 | 58.5                | 59.6 | 53.8        | W'N  | 3       | 4      | sc<br>Cu                 | bc                 | b                  | -               | -               | -                | -      | K          |  |
| 12        | 1018.7 | 58.5                | 55.8 | 51.8        | N'E  | 2       | 9      | ci<br>Ac<br>Ac           | cl                 | o, c               | -               | -               | -                | -      | K          |  |
| 13        | 1016.0 | 59.8                | 57.8 | 55.4        | ESE  | 3       | 10     | sc                       | o                  | cl, bc, o          | 0.0             | 0.0             | -                | -      | K          |  |
| 14        | 1011.2 | 59.0                | 58.9 | 56.2        | S'W  | 3       | 9+     | sc.                      | c                  | o, d.              | 0.08            | 0.08            | 1.37             | 2.4    | K          |  |
| 15        | 1011.5 | 57.0                | 56.8 | 52.0        | NW'W | 4       | 3      | Cu                       | bc                 | c, cl              | 0.04            | 0.04            | 1.41             | 0.9    | K          |  |
| 16        | 1014.1 | 56.0                | 56.6 | 53.5        | W'N  | 3       | 9+     | Ac<br>Ac<br>sc           | c                  | h, b, bc           | 0.02            | 0.02            | 1.43             | 0.4    | K          |  |
| 17        | 1011.7 | 57.2                | 54.9 | 53.5        | W    | 2       | 10     | Fn<br>Ns                 | o                  | o, or, o           | 0.04            | 0.04            | 1.47             | 1.0    | L          |  |
| 18        | 1005.7 | 57.8                | 56.7 | 56.0        | W'N  | 3       | 10     | Fn                       | o, d               | o, r, d            | 0.02            | 0.02            | 1.49             | 0.4    | I          |  |
| 19        | 1005.5 | 55.2                | 52.9 | 49.8        | S    | 1       | 9+     | sc                       | c                  | cl, c              | 0.20            | 0.21            | 1.70             | 5.2    | K          |  |
| 20        | 993.4  | 55.8                | 54.4 | 54.2        | NNE  | 2       | 10     | Ns                       | or                 | or, o, or          | 0.68            | 0.67            | 2.37             | 17.0   | H          |  |
| 21        | 985.4  | 55.2                | 52.3 | 51.7        | WNW  | 3       | 10     | Fn                       | or                 | or                 | 0.12            | 0.12            | 2.49             | 3.1    | I          |  |
| 22        | 989.6  | 54.2                | 54.5 | 53.2        | NW'W | 3       | 9+     | sc                       | c, d.              | c, p               | 0.02            | 0.02            | 2.54             | 0.4    | K          |  |
| 23        | 978.5  | 50.5                | 51.2 | 47.2        | WSW  | 5       | 9      | ci<br>Ac<br>Ac           | c                  | h, cl, c           | 0.20            | 0.19            | 2.74             | 4.9    | K          |  |
| 24        | 987.7  | 51.8                | 54.0 | 50.8        | NNE  | 3       | 8      | sc<br>Cu                 | c                  | cl, c, o           | 0.13            | 0.13            | 2.87             | 3.2    | K          |  |
| 25        | 993.3  | 48.0                | 40.4 | 38.9        | NNW  | 2       | 10     | Fn                       | o, r               | cl, c, r           | 0.09            | 0.10            | 2.98             | 2.5    | K          |  |
| 26        | 1004.7 | 42.8                | 46.8 | 42.7        | S'E  | 2       | 4      | ci<br>Cu                 | bc                 | b                  | 0.0             | 0.0             | 2.93             | 0.0    | K          |  |
| 27        | 1000.3 | 48.4                | 50.2 | 45.5        | S    | 3       | 9+     | Ac.<br>sc.               | c                  | cl, bc, cl.        | 0.26            | 0.26            | 3.19             | 6.5    | K          |  |
| 28        | 988.0  | 51.8                | 51.6 | 51.0        | S'E  | 3       | 10     | Fn.<br>Ac.               | o, rr.             | o, d, rr.          | 0.71            | 0.71            | 3.90             | 18.0   | J          |  |
| 29        | 989.3  | 51.8                | 51.7 | 50.6        | NNE  | 2       | 9+     | Co.                      | c                  | o, rr.             | 0.26            | 0.26            | 4.16             | 6.6    | J          |  |
| 30        | 996.4  | 52.8                | 54.1 | 51.1        | ESE  | 4       | 5      | Ac.<br>Ac.<br>Cu.<br>sc. | cl.                | o, rr.             | 0.02            | 0.02            | 4.18             | 0.6    | K          |  |
| 31        |        |                     |      |             |      |         |        |                          |                    |                    | 4.18            | 4.18            |                  |        |            |  |



[illegible]



1942. EVEN

21 hrs.

Anemometer.

Clouds.

Weather.

TEMP.

1942. 1942. 1942. 1942.

SEPTEMBER

Bar.  
(m.b.)Att.  
Ther.  
(°F)

Dry.

Wet.

Dir.

Force.

Amount

Form.

At time  
of obs.Since  
last obs.

MAX.

MIN.

September, 1942.

|    |        |      |      |      |      |   |    |            |         |             |        |        |                                           |
|----|--------|------|------|------|------|---|----|------------|---------|-------------|--------|--------|-------------------------------------------|
| 1  | 998.5  | 58.6 | 54.9 | 53.1 | SW'S | 3 | 10 | St<br>Fn   | 0       | C, 0        | 64.2   | 48.4   | Total Rainfall..... 4.18 inches           |
| 2  | 993.9  | 60.2 | 57.9 | 56.7 | S    | 4 | 10 | PS<br>Fn   | 0       | bc, C, 0    | 66.0   | 49.5   | Total Sunshine..... 114.6 hours           |
| 3  | 996.0  | 57.8 | 52.1 | 49.7 | SW'S | 4 | 10 | Sc         | bc      | C, C, bc    | 64.3   | 52.0   |                                           |
| 4  | 995.8  | 57.2 | 56.5 | 54.6 | S'W  | 6 | 10 | NS<br>Fn   | 0       | C, 0, 0     | 61.2   | 49.1   | Max. temp. 68.1°F on 10th Sept.           |
| 5  | 1002.8 | 58.3 | 52.0 | 49.8 | WSW  | 3 | 4  | SS<br>Fn   | bc      | C, 0, C     | 64.0   | 51.6   | Min. temp. 31.3°F on 26th Sept.           |
| 6  | 1014.1 | 58.6 | 52.7 | 50.4 | W    | 3 | 10 | Sc. Co.    | 0       | cb, p, C    | 63.1   | 49.0   |                                           |
| 7  | 1011.8 | 58.8 | 59.6 | 56.3 | SW   | 5 | 9+ | Sc         | C       | C, C, C     | 61.7   | 51.0   | Lowest max. temp. 50.8°F on 25th          |
| 8  | 1011.4 | 61.2 | 62.5 | 61.9 | SSW  | 4 | 10 | Sc.        | 0, d, 0 | 0           | 66.2   | 56.5   | Highest min. temp. 54.5°F on 14th         |
| 9  | 1022.6 | 58.8 | 50.3 | 49.2 | —    | 0 | 1  | Sc         | bc      | b, bc       | 65.8   | 47.8   |                                           |
| 10 | 1015.4 | 60.6 | 57.5 | 54.3 | SSW  | 3 | 0  | —          | b       | bc          | 68.1   | 46.0   | Average max. temp. 60.7°F.                |
| 11 | 1017.6 | 57.8 | 64.6 | 53.5 | SW'S | 2 | 10 | Sc         | 0       | cb, 0       | 63.5   | 50.0   | Average min. temp. 48.1°F                 |
| 12 | 1017.5 | 59.8 | 53.6 | 51.7 | —    | 0 | 10 | Sc         | 0       | cb, bc, C   | 61.6   | 51.0   |                                           |
| 13 | 1014.9 | 59.7 | 58.8 | 57.0 | S'E  | 2 | 10 | Sc         | 0       | 0           | 60.7   | 52.9   | Mean temp. for month 54.4°F               |
| 14 | 1005.8 | 59.7 | 54.5 | 54.0 | SW   | 5 | 10 | Cu         | 0, P    | C           | 66.1   | 54.5   |                                           |
| 15 | 1015.1 | 57.0 | 50.6 | 47.6 | WSW  | 4 | 3  | Sc         | bc      | bc, p       | 60.9   | 47.8   | Min. grass temp. 28.2°F on 26th           |
| 16 | 1011.2 | 58.6 | 58.5 | 56.9 | WSW  | 4 | 10 | Sc         | 0       | 0, C        | 60.8   | 45.0   |                                           |
| 17 | 1010.8 | 58.6 | 56.2 | 55.3 | SW   | 3 | 10 | Sc         | 0       | 0           | 59.9   | 53.9   | Highest Bar. at H.S.L. 1022.6 m.b. on 9th |
| 18 | 1006.3 | 56.3 | 49.5 | 47.3 | SW   | 2 | 9+ | Sc         | C       | 0, d, C, cb | 62.6   | 48.5   | Lowest Bar. at H.S.L. 975.8 m.b. on 23rd  |
| 19 | 1002.3 | 56.8 | 51.8 | 49.6 | E'N  | 1 | 10 | Sc         | 0       | C           | 59.8   | 45.7   |                                           |
| 20 | 986.3  | 57.0 | 54.1 | 53.7 | S    | 2 | 10 | PS<br>Fn   | 0       | 0, RR.      | 58.6   | 50.6   | Greatest daily rainfall 0.71 ins. on 28th |
| 21 | 993.7  | 55.0 | 51.2 | 49.7 | NW   | 4 | 10 | Fn         | 0       | 0, RR, 0    | 54.8   | 50.4   | Greatest daily sunshine 10.3 hrs. on 9th  |
| 22 | 985.6  | 51.4 | 49.6 | 46.9 | SW   | 5 | 7  | Ac<br>Sc   | cb      | 0, C, p     | 56.4   | 47.5   | Weather Summary                           |
| 23 | 975.8  | 51.6 | 49.2 | 47.4 | SSW  | 4 | 9+ | Sc         | C       | C, bc, d    | 56.9   | 44.5   | 9h 24h.                                   |
| 24 | 997.9  | 52.6 | 44.0 | 42.5 | NNW  | 2 | 9+ | Sc         | C       | 0, C, cb    | 57.9   | 44.0   | Snow or Sleet                             |
| 25 | 1003.5 | 45.6 | 36.4 | 34.8 | N'E  | 1 | 10 | Sc         | b       | 0, p        | 50.8   | 34.5   | Snow lying                                |
| 26 | 1001.8 | 47.4 | 45.4 | 42.3 | S    | 4 | 9+ | Sc.<br>Co. | C       | b, bc, d, 0 | 54.7   | 31.3   | Hail                                      |
| 27 | 996.0  | 53.2 | 51.6 | 49.9 | S'W  | 5 | 10 | Ac.        | 0       | 0, C, C     | 59.8   | 44.8   | Thunder heard                             |
| 28 | 985.5  | 52.0 | 50.6 | 50.5 | N'E  | 1 | 10 | Fn.<br>No. | 0, RR.  | 0, RR.      | 54.8   | 48.9   | Fog                                       |
| 29 | 992.7  | 53.8 | 50.8 | 50.5 | N'E  | 3 | 10 | Fn.<br>No. | 0, RR.  | C, 0, RR.   | 58.9   | 48.7   | Ground Frost                              |
| 30 | 996.4  | 53.4 | 52.2 | 50.8 | S'E  | 4 | 10 | Sc.        | b       | bc, C, 0, p | 58.1   | 47.9   | Gale (force 8 or more)                    |
| 31 |        |      |      |      |      |   |    |            |         |             | 1822.2 | 1443.3 | Air Frost.                                |



| 1942. | Corrected Barometer |                |                        | Humidity |    |               |            |                           |                       |                                                                                                                   |  |  |
|-------|---------------------|----------------|------------------------|----------|----|---------------|------------|---------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------|--|--|
| SEPT. | BAR.<br>(m.b.)      | BAR.<br>(INS.) | readed<br>therm.<br>°F | V. P.    | %  | SUN.<br>SHINE | VISIBILITY | DIRN.<br>Whence<br>Coming | State<br>of<br>Ground | REMARKS:—                                                                                                         |  |  |
| 1     | 1006.4              | 29.719         | 287.8                  | 13.0     | 88 | 3.9           | K          | SW                        | 1                     | mostly overcast day with occasional sunny ints. <sup>int rain at obs.</sup>                                       |  |  |
| 2     | 1001.4              | 29.571         | 288.7                  | 15.2     | 92 | 7.7           | K          | SW                        | 1                     | Cloudy day with warm sunny ints. wet windy nt.                                                                    |  |  |
| 3     | 1004.1              | 29.651         | 287.3                  | 11.0     | 83 | 6.8           | K          | SSW                       | 0                     | Warm sunny stormy day, cool breezy night:                                                                         |  |  |
| 4     | 1003.7              | 29.639         | 287.0                  | 13.7     | 88 | 4.3           | K          | SSW                       | 1                     | Overcast day, occasional rain, bright ints, breezy:                                                               |  |  |
| 5     | 1010.7              | 29.846         | 287.6                  | 11.2     | 85 | 7.6           | K          | W                         | 1                     | Overcast day, showery, sunny ints, windy:                                                                         |  |  |
| 6     | 1022.1              | 30.182         | 287.7                  | 11.2     | 83 | 6.2           | K          | SW                        | 0                     | Bright sunny intervals: Breezy: Very light showers.                                                               |  |  |
| 7     | 1019.7              | 30.112         | 287.9                  | 14.0     | 81 | 0.0           | K          | SW                        | 1                     | Overcast with int. rain clearing somewhat 15 hrs windy nt.                                                        |  |  |
| 8     | 1019.1              | 30.094         | 289.2                  | 18.7     | 95 | 0.3           | J          | SW                        | 1                     | Overcast day: warm sunny: slight drizzle at obs.                                                                  |  |  |
| 9     | 1030.7              | 30.437         | 287.9                  | 11.4     | 92 | 10.3          | K          | W                         | 0                     | Bright sunny day, calm night:                                                                                     |  |  |
| 10    | 1023.2              | 30.215         | 288.9                  | 13.0     | 80 | 9.6           | K          | W                         | 0                     | Bright sunny day, clear night:                                                                                    |  |  |
| 11    | 1025.9              | 30.294         | 287.3                  | 13.5     | 93 | 4.0           | K          | -                         | 0                     | cloudy day mainly with bright warm ints. overc. nt.                                                               |  |  |
| 12    | 1025.5              | 30.283         | 288.5                  | 12.2     | 88 | 4.2           | K          | ?                         | 0                     | Mainly bright sunny day, cloudy to overc. calm nt.                                                                |  |  |
| 13    | 1022.8              | 30.203         | 288.4                  | 15.1     | 89 | 0.0           | I          | SSW?                      | 0                     | Dull overcast mild day. night ditto:                                                                              |  |  |
| 14    | 1013.8              | 29.938         | 288.4                  | 14.0     | 96 | 1.9           | J          | SW                        | 1                     | Cloudy day, few bright ints. Rain at obs: Windy.                                                                  |  |  |
| 15    | 1023.4              | 30.221         | 286.9                  | 9.9      | 79 | 9.2           | K          | W                         | 0                     | Breezy fresh day with part showers + long sunny ints.                                                             |  |  |
| 16    | 1019.1              | 30.094         | 287.8                  | 15.1     | 90 | 2.1           | K          | W                         | 0                     | mainly overcast breezy day. overcast breezy night:                                                                |  |  |
| 17    | 1018.7              | 30.087         | 287.8                  | 14.5     | 94 | 0.0           | K          | W                         | 0                     | Overcast day and night:                                                                                           |  |  |
| 18    | 1014.8              | 29.967         | 286.5                  | 10.1     | 84 | 3.1           | K          | W                         | 0                     | Overcast mom, drizzle. Bright sunny ints. Cloudy nt.                                                              |  |  |
| 19    | 1010.4              | 29.837         | 286.8                  | 11.1     | 85 | 1.0           | K          | SSE                       | 0                     | Cloudy day, mild calm overcast night:                                                                             |  |  |
| 20    | 994.3               | 29.362         | 286.9                  | 13.8     | 97 | 0.0           | I          | W                         | 2                     | Cont. slight rain to 17h. <sup>sudden rear E-W ~ 19 hrs.</sup> heavy rain 17-20.30 <sup>overc. of wind obs.</sup> |  |  |
| 21    | 1001.9              | 29.586         | 285.8                  | 11.5     | 89 | 0.0           | K          | W                         | 0                     | Continuous light rain ~ 13 hrs. overcast since.                                                                   |  |  |
| 22    | 994.1               | 29.356         | 283.8                  | 9.7      | 80 | 0.9           | K          | W'S                       | 0                     | mostly overcast with a few bright ints, light showers.                                                            |  |  |
| 23    | 994.2               | 29.063         | 283.9                  | 10.4     | 87 | 7.0           | K          | SW                        | 0                     | mostly clear sunny breezy day. Breezy night:                                                                      |  |  |
| 24    | 1006.5              | 29.722         | 284.5                  | 8.6      | 87 | 4.8           | K          | NW                        | 0                     | Bright sunny periods, breezy at times:                                                                            |  |  |
| 25    | 1012.8              | 29.908         | 280.6                  | 6.4      | 86 | 3.1           | K          | stat.                     | 0                     | Showery mom: snow + rain 11 hrs. <sup>cool calm.</sup> Bright ints aft.                                           |  |  |
| 26    | 1010.9              | 29.852         | 281.5                  | 7.7      | 74 | 5.3           | K          | N                         | 0                     | Bright sunny pre-mom: cloudy to overcast: cloudy breezy at obs.                                                   |  |  |
| 27    | 1006.5              | 29.663         | 284.8                  | 11.3     | 86 | 2.0           | K          | ?                         | 1                     | Mainly overcast. Bright ints. Breezy. Slight drizzle at obs.                                                      |  |  |
| 28    | 994.1               | 29.356         | 284.1                  | 12.0     | 97 | 0.0           | H          | SSE?                      | 2                     | Cool: slight-mod. rain all day + at obs.                                                                          |  |  |
| 29    | 1000.9              | 29.556         | 285.0                  | 12.3     | 97 | 2.7           | J          | ENE                       | 1                     | Cloudy overcast: rain from 19 hrs.                                                                                |  |  |
| 30    | 1004.7              | 29.668         | 284.9                  | 11.7     | 89 | 6.6           | K          | NE                        | 0                     | Mainly fresh sunny day: cloudy afternoon: over night.                                                             |  |  |
| 31    |                     |                |                        |          |    |               |            |                           |                       |                                                                                                                   |  |  |



| 1942.                                            | Morn.  | ghrs.      |      | Anemometer. |      | Clouds. |         | Weather.       |                 | Rain.           |            |            |              | Visibility. |    |
|--------------------------------------------------|--------|------------|------|-------------|------|---------|---------|----------------|-----------------|-----------------|------------|------------|--------------|-------------|----|
| October.                                         | Bar.   | Att. Ther. | Dry. | Wet.        | Dir. | Force.  | Amount. | Form.          | At time of obs. | Since last obs. | gins. INS. | Auto. INS. | (INS) Total. | m.m.        |    |
| 1                                                | 1003.7 | 52.0       | 53.0 | 50.1        | WSW  | 3       | h       | Cu             | b               | c, cb, bc       | .02        | .02        | 0.02         | 0.4         | L  |
| 2                                                | 1017.5 | 48.8       | 46.7 | 45.3        | SSW  | 2       | 9+      | Ac. Sc.        | c               | o, c            | .03        | .03        | 0.05         | 0.8         | K  |
| 3                                                | 1015.0 | 51.2       | 49.8 | 48.5        | SSW  | 1       | 10      | St. No.        | o               | o, r.           | .06        | .06        | 0.11         | 1.6         | H  |
| 4                                                | 1002.4 | 52.7       | 52.0 | 51.2        | SSW  | 3       | 10      | Fn. Sc.        | ov.             | c, o, d, or.    | .20        | .20        | 0.31         | 5.0         | K  |
| 5                                                | 1003.8 | 50.5       | 50.0 | 47.5        | WSW  | 4       | 3       | Cu Sc.         | cb              | o, r, cb        | .10        | .0         | 0.31         | 6.          | K  |
| 6                                                | 1016.6 | 48.4       | 47.9 | 45.8        | S'W  | 2       | 9       | Ac. Sc. Ci     | c               | b, bc, cb       | .0         | .0         | 0.31         | 0           | K  |
| 7                                                | 1004.0 | 49.8       | 52.2 | 48.9        | SSW  | 4       | 8       | Ac Ci          | c               | bc, cb.         | .11        | .11        | 0.42         | 2.8         | K  |
| 8                                                | 999.3  | 47.4       | 46.3 | 43.4        | WSW  | 4       | 1       | Cu Sc.         | bc              | ov, cb.         | .05        | .05        | 0.47         | 1.3         | K  |
| 9                                                | 1002.2 | 49.8       | 53.0 | 51.3        | SW   | 6       | 10      | Fn. Sc.        | o, do.          | b, bc, c, do.   | .26        | .27        | 0.743        | 7.0         | J  |
| 10                                               | 999.2  | 50.4       | 52.0 | 49.4        | SW'W | 5       | 4       | Cu.            | bc.             | o, r, c         | .04        | .04        | 0.787        | 1.0         | K  |
| 11                                               | 1009.6 | 45.7       | 45.3 | 43.2        | WSW  | 2       | 2       | Ci             | b               | bc, cb, b.      | .03        | .03        | 0.810        | 0.7         | K  |
| 12                                               | 1004.5 | 50.2       | 50.9 | 49.8        | SSW  | 4       | 10      | Fn. No. Ac.    | o, r.           | bc, c, o, r.    | .10        | .10        | 0.90         | 2.6         | K  |
| 13                                               | 1012.7 | 46.2       | 46.3 | 44.0        | SW   | 3       | 9+      | Ac. No.        | cb,             | cb, bc.         | .08        | .08        | 0.98         | 2.0         | K  |
| 14                                               | 1002.4 | 54.6       | 59.1 | 57.4        | S'W  | 6       | 9+      | Sc. Cu         | c               | o, t, o.        | .08        | .08        | 1.016        | 2.0         | J  |
| 15                                               | 1007.2 | 50.8       | 51.8 | 47.6        | W'N  | 5       | 5       | Sc.            | bc.             | ov, cb.         | .08        | .08        | 1.14         | 1.9         | K  |
| 16                                               | 1013.1 | 52.2       | 53.1 | 51.7        | W'S  | 5       | 10      | Sc.            | o, do.          | o, r, do.       | .04        | .04        | 1.288        | 12.0        | K. |
| 17                                               | 1008.8 | 54.6       | 56.8 | 55.9        | SW   | 4       | 10      | Sc.            | o               | o, r.           | .15        | .16        | 1.333        | 4.0         | K  |
| 18                                               | 1007.3 | 55.4       | 56.3 | 55.8        | WSW  | 3       | 10      | Sc.            | o               | ov, o           | .07        | .07        | 1.400        | 0.2         | J  |
| 19                                               | 1009.0 | 55.2       | 54.1 | 52.5        | SW   | 3       | 9       | Sc. Ac.        | cb.             | o               | .15        | .16        | 1.586        | 4.0         | K  |
| 20                                               | 1004.7 | 53.0       | 49.0 | 48.6        | W'N  | 1       | 6       | Cu. Sc. Ac. Ci | cb.             | bc, ov.         | .004       | .004       | 1.584        | 0.1         | K  |
| 21                                               | 1008.7 | 48.2       | 47.1 | 45.5        | SW   | 3       | 10      | Sc. No.        | ov.             | c, bc.          | .019       | .019       | 1.774        | 4.8         | K  |
| 22                                               | 1001.7 | 55.4       | 57.1 | 56.4        | SW   | 4       | 10      | Sc. No.        | ov.             | ov.             | .004       | .004       | 1.778        | 0.1         | K  |
| 23                                               | 1001.1 | 50.8       | 50.9 | 48.9        | SW   | 2       | 10      | Sc. Ac.        | do              | o, bc           | 0          | 0          | 1.778        | 0           | K  |
| * 24                                             | 988.8  | 46.0       | 44.7 | 42.9        | SW   | 4       | 7       | Sc. Ac. Ac.    | c.              | cb, c.          | .06        | .06        | 1.838        | 1.4         | K  |
| 25                                               | 987.5  | 42.0       | 37.0 | 36.3        | S    | 1       | 8       | Sc. Ac. Ci     | b, bc, cb.      | cb              | .014       | .016       | 1.854        | 0.4         | I  |
| 26                                               | 982.3  | 41.6       | 37.0 | 36.3        | WSW  | 1       | 7       | Sc. Ac.        | cb, bc.         | cb.             | .033       | .33        | 2.184        | 8.4         | K  |
| 27                                               | 980.5  | 43.6       | 41.8 | 41.5        | WSW  | 1       | 10      | Fn. Sc. Ac.    | o, r.           | ov, o           | .002       | .02        | 2.204        | 0.5         | J  |
| 28                                               | 992.3  | 44.4       | 46.7 | 45.4        | SSW  | 1       | 2       | Sc.            | b               | c, cb, bc.      | 0          | 0          | 2.204        | 0           | I  |
| 29                                               | 997.2  | 42.4       | 38.8 | 38.4        | NE   | 1       | 1       | Sc. Ac.        | f, bc.          | f               | .0186      | .016       | 2.220        | 0.4         | G  |
| 30                                               | 999.5  | 41.6       | 43.7 | 40.2        | N'E  | 2       | 6.      | Co.            | b               | b               | 0          | 0          | 2.2218       | 0           | K  |
| 31                                               | 999.5  | 39.6       | 37.1 | 35.5        | N'W  | 2       | 2       | Sc.            | b               | o, c, cb        | 0          | 0          | 2.2218       | 0           | K  |
| * The readings entered, were taken at 09.30 hrs. |        |            |      |             |      |         |         |                |                 |                 | 2.22       | 2.18       |              |             |    |



| 1942 | Corrected Barometer |              |                       | Humidity |    | In Ground.    |       |       |       |                       |                                                                          |
|------|---------------------|--------------|-----------------------|----------|----|---------------|-------|-------|-------|-----------------------|--------------------------------------------------------------------------|
| Oct. | Bar.<br>(mb.)       | Bar.<br>(ms) | Alt.<br>Zion.<br>O.A. | V.P.     | %  | Grass<br>Min. | 1.Ft. | 4.Ft. | Dirn. | State<br>of<br>Ground | Remarks:-                                                                |
| 1    | 1012.2              | 29.890       | 84.1                  | 11.0     | 81 | 47.4          | 54.4  | 54.9  | W?    | 0                     | Bright cool, occ. lightning. cloudy fresh morn.                          |
| 2    | 1026.7              | 30.318       | 82.3                  | 9.8      | 89 | 36.0          | 53.8  | 54.8  | SW    | 0                     | Cloudy cool morn: overcast night.                                        |
| 3    | 1023.7              | 30.230       | 83.7                  | 10.7     | 90 | 39.1          | 53.7  | 54.8  | W     | 1                     | Wet morn: occ night, brightening.                                        |
| 4    | 1010.9              | 29.852       | 84.5                  | 12.5     | 94 | 50.0          | 54.0  | 54.5  | SW    | 1                     | Cloudy night, later overcast. cloudy morn.                               |
| 5    | 1012.6              | 29.902       | 50.5                  | 10.1     | 83 | 42.9          | 53.8  | 54.6  | WSW   | 1                     | Rainy night. Clearing, breezy.                                           |
| 6    | 1025.8              | 30.296       | 82.1                  | 9.6      | 83 | 35.5          | 52.9  | 54.6  | W     | 0                     | Clear night becoming cloudy 6 <sup>h</sup> : Bright                      |
| 7    | 1012.8              | 29.616       | 82.9                  | 10.4     | 98 | 40.9          | 52.7  | 54.6  | SW    | 0                     | Clear night; bright fresh morning.                                       |
| 8    | 1008.6              | 30.079       | 81.5                  | 8.3      | 77 | 37.9          | 52.3  | 54.2  | W     | 1                     | Showerly night. Cold breezy morning.                                     |
| 9    | 1011.0              | 29.855       | 82.9                  | 12.1     | 89 | 38.5          | 51.5  | 54.0  | SW    | 1                     | Clear night becoming occ. Int. dr. windy                                 |
| 10   | 1000.9              | 29.556       | 83.2                  | 10.9     | 83 | 44.9          | 52.0  | 54.0  | W'S   | 1                     | Int. rain: windy. Bright windy morn.                                     |
| 11   | 1018.8              | 30.085       | 80.6                  | 8.4      | 81 | 36.4          | 50.7  | 53.5  | -     | 1                     | Clear - partly cloudy night: cold: bright sunny cool                     |
| 12   | 1013.3              | 29.923       | 83.1                  | 11.7     | 91 | 44.0          | 51.0  | 53.5  | W     | 1                     | Partly cloudy: overcast. int rain from 6 hrs                             |
| 13   | 1021.9              | 30.176       | 80.9                  | 8.8      | 81 | 36.2          | 50.3  | 53.2  | W?    | 0                     | Cold clear night: Clear - cloudy morn.                                   |
| 14   | 1010.6              | 29.843       | 85.5                  | 15.6     | 92 | 45.3          | 51.4  | 53.1  | SW    | 1                     | Rain at until 0 <sup>h</sup> : warm windy morn.                          |
| 15   | 1016.1              | 30.005       | 83.5                  | 9.4      | 71 | 43.5          | 52.2  | 53.0  | W     | 1                     | Warm windy night; rain; breezy morning.                                  |
| 16   | 1021.8              | 30.173       | 84.2                  | 12.4     | 91 | 49.9          | 52.1  | 52.9  | W     | 1                     | Warm night. Int. drizzle. Rain 0 <sup>h</sup> 45 <sup>h</sup> slight at  |
| 17   | 1017.1              | 30.035       | 85.5                  | 13.9     | 94 | 49.9          | 52.2  | 52.8  | WSW   | 1                     | Warm drizzly night: warm threatening morn.                               |
| 18   | 1015.3              | 29.982       | 86.0                  | 14.9     | 96 | 54.5          | 53.5  | 52.6  | SW    | 1                     | Breezy overcast night: rain 1 <sup>h</sup> . Mild breezy over. morn.     |
| 19   | 1017.4              | 30.044       | 85.9                  | 12.7     | 89 | 52.9          | 54.2  | 52.8  | SW    | 0                     | Overcast night: cool morning: clearing.                                  |
| 20   | 1013.2              | 29.920       | 84.7                  | 11.5     | 97 | 48.2          | 54.2  | 53.0  | W     | 1                     | Partly clear night: heavy rain early morn: clearing later: cool          |
| 21   | 1017.8              | 30.055       | 82.0                  | 8.8      | 88 | 39.5          | 52.4  | 53.1  | W     | 1                     | Bright clear night; cool rainy morning.                                  |
| 22   | 1009.9              | 29.819       | 86.0                  | 15.2     | 95 | 54.3          | 53.0  | 53.1  | SW    | 1                     | Hard rains during night: warm drizzly morn.                              |
| 23   | 1009.9              | 29.823       | 83.5                  | 10.9     | 86 | 44.2          | 53.0  | 52.8  | SW    | 1                     | Cool cloudy night and morning: do.                                       |
| 24   | 997.8               | 29.465       | 80.8                  | 8.7      | 85 | -             | -     | -     | -     | 0                     |                                                                          |
| 25   | 997.0               | 29.441       | 78.6                  | 7.1      | 94 | 33.5          | 49.5  | 52.9  | -     | 0                     | Clear - slightly cloudy cool night: cool cloudy morn.                    |
| 26   | 991.9               | 29.291       | 78.3                  | 6.9      | 92 | 32.8          | 48.6  | 52.6  | N'W   | 1                     | Cloudy - partly cloudy cold night: cold partly cloudy                    |
| 27   | 989.8               | 29.229       | 79.5                  | 8.9      | 90 | 40.2          | 48.3  | 52.3  | N'E   | 1                     | Occ. night & morn: Cont. mod rain 2-8 hrs.                               |
| 28   | 1001.5              | 29.574       | 79.9                  | 9.8      | 89 | 31.9          | 48.6  | 52.1  | SE    | 1                     | Cloudy night. Clearing to fine morn: Calm.                               |
| 29   | 1006.8              | 29.730       | 78.8                  | 7.9      | 96 | 29.2          | 47.3  | 51.8  | E?    | 0                     | Wld clear night: cold foggy morning.                                     |
| 30   | 1009.3              | 29.804       | 78.3                  | 7.0      | 92 | 26.6          | 46.9  | 51.6  | -     | 1                     | Mainly clear night. Bright sunny morn.                                   |
| 31   | 1009.5              | 29.810       | 77.2                  | 6.3      | 83 | 28.1          | 46.1  | 51.4  | NNE   | 0                     | Occ - cloudy night: clearing about 18 <sup>h</sup> Bright sunny morning. |



| 1942. | Even.       |                     | 2, hrs. |      | Anemometer. |        | Clouds. |         | Weather.           |                    | Temp. |      | October, 1942.                           |
|-------|-------------|---------------------|---------|------|-------------|--------|---------|---------|--------------------|--------------------|-------|------|------------------------------------------|
| Oct.  | Bar.<br>mb. | Att.<br>Ther.<br>°F | Dry.    | Wet. | Dir.        | Force. | Amount  | Form.   | At time<br>of obs. | Since<br>last obs. | Max.  | Min. |                                          |
| 1     | 1014.2      | 54.2                | 50.3    | 49.6 | NW          | 2      | 10      | Fm.     | 0                  | c, or, 0           | 58.2  | 49.5 | Total Rainfall 2.2 inches.               |
| 2     | 1018.0      | 53.8                | 48.9    | 47.7 | —           | 0      | 3       | Sc.     | b                  | c, cb.             | 59.3  | 39.0 | Total Sunshine 80.5 hours.               |
| 3     | 1006.2      | 53.8                | 54.8    | 52.7 | SW          | 4      | 10      | Sc.     | or.                | 0, or, 0           | 55.8  | 44.4 |                                          |
| 4     | 1003.2      | 52.7                | 48.7    | 48.5 | N'E         | 1      | 10      | Sc. Fm. | or.                | 0, or, 0           | 55.1  | 48.1 | Max. temp. 63.8°F on 14th                |
| 5     | 1013.2      | 50.7                | 43.1    | 41.4 | W'S         | 1      | 0       | —       | b                  | b                  | 58.7  | 42.8 | Min. temp. 30.1°F on 31st Oct.           |
| 6     | 1011.2      | 50.0                | 48.0    | 45.8 | S'W         | 3      | 4       | Sc.     | b                  | c, cb, b.          | 57.6  | 39.3 |                                          |
| 7     | 998.7       | 53.0                | 50.3    | 49.8 | S'W         | 2      | 10      | Sc.     | or.                | c, cb, o.          | 56.1  | 43.1 | Lowest Max. temp. 43.3°F on 26th         |
| 8     | 1004.8      | 47.0                | 42.7    | 40.8 | SW          | 4      | 1       | Sc.     | b.                 | b, cb, p.          | 51.1  | 40.9 | Highest Min. temp. 54.8°F on 18th        |
| 9     | 990.8       | 53.0                | 54.6    | 53.8 | WSW         | 6      | 10      | Fm.     | or, d, r.          | or.                | 55.2  | 41.6 |                                          |
| 10    | 1000.4      | 50.2                | 45.0    | 43.2 | W'S         | 3      | 2       | Sc.     | b, p.              | b, cb, c, p.       | 56.8  | 44.7 | Average Max. temp. 54.6°F                |
| 11    | 1010.0      | 50.0                | 48.9    | 46.6 | SSW         | 4      | 4       | Sc.     | b.                 | b, b, cb.          | 54.4  | 39.2 | Average Min. temp. 42.7°F                |
| 12    | 1011.3      | 48.0                | 43.9    | 42.4 | SW          | 2      | 9+      | Sc.     | or, r, c, p.       | c.                 | 57.8  | 43.1 |                                          |
| 13    | 1006.5      | 48.2                | 46.6    | 45.5 | SW          | 5      | 10      | No.     | or.                | c, or.             | 54.1  | 40.0 | Mean temp for month 48.4°F               |
| 14    | 999.9       | 56.2                | 52.3    | 51.7 | SSW         | 5      | 10      | Fm.     | or.                | or, b, d.          | 63.8  | 46.1 |                                          |
| 15    | 1010.1      | 52.2                | 51.8    | 49.7 | WSW         | 6      | 10      | Sc.     | or, d.             | c.                 | 54.5  | 46.5 | Min. grass temp. 26.6°F on 30th.         |
| 16    | 1014.4      | 52.8                | 52.2    | 50.3 | W'S         | 3      | 9+      | Sc.     | c.                 | or, c, d.          | 53.8  | 50.6 |                                          |
| 17    | 1007.1      | 56.8                | 57.9    | 57.6 | WSW         | 4      | 10      | Sc.     | or, d.             | or, r, d.          | 59.4  | 50.6 | Highest Bar. at M.S.L. 1018.0 mb on 2nd  |
| 18    | 1010.9      | 56.8                | 56.1    | 55.8 | SW          | 4      | 10      | St.     | 0                  | 0                  | 60.2  | 54.8 | Lowest Bar. at M.S.L. 980.0 mb on 26th   |
| 19    | 1007.6      | 54.8                | 53.9    | 52.9 | S'W         | 3      | 10      | Sc.     | 0                  | or, c.             | 57.2  | 52.5 |                                          |
| 20    | 1007.1      | 50.8                | 44.7    | 43.5 | SW          | 2      | 2       | Sc.     | b.                 | c, b, p.           | 57.4  | 44.0 | Greatest Daily Rainfall 0.33 ins on 26th |
| 21    | 1003.5      | 54.2                | 55.6    | 55.0 | SW          | 4      | 10      | Fm.     | or, 0              | or, r, d.          | 55.9  | 42.9 | Greatest Daily Sunshine 7.7 hrs. on 5th  |
| 22    | 1002.1      | 52.6                | 50.3    | 48.4 | SSW         | 1      | 5       | Sc.     | b.                 | 0.                 | 58.8  | 50.1 | Weather Summary                          |
| 23    | 994.9       | 50.0                | 46.8    | 45.6 | SSW         | 1      | 4       | Sc.     | b                  | c, r.              | 54.7  | 46.8 | 9h 24h                                   |
| 24    | 990.1       | 44.6                | 41.9    | 40.0 | WSW         | 2      | 1       | Sc.     | b                  | cb, r, b.          | 49.5  | 39.3 | Snow or Sleet                            |
| 25    | 981.8       | 44.6                | 40.3    | 39.7 | —           | 0      | 10      | Sc.     | c, p, o            | 0                  | 44.2  | 36.2 | Snow lying                               |
| 26    | 980.0       | 44.0                | 41.5    | 40.1 | WNW         | 1      | 10      | Sc. Aa  | 0                  | or, c.             | 43.3  | 34.7 | Hail                                     |
| 27    | 987.8       | 45.6                | 42.8    | 42.6 | SSW         | 2      | 9+      | Sc.     | c, d.              | or, c, r.          | 49.8  | 39.9 | Thunder heard                            |
| 28    | 996.1       | 46.0                | 41.6    | 40.7 | E'S         | 2      | 5.      | Sc.     | b                  | b                  | 54.5  | 38.0 | Fog                                      |
| 29    | 997.5       | 41.8                | 41.0    | 40.5 | N'E         | 1      | 9+      | Sc.     | c                  | b, c, b.           | 51.1  | 31.8 | Ground Frost                             |
| 30    | 1000.0      | 44.2                | 40.2    | 38.6 | —           | 0      | 10      | Sc.     | 0                  | b, b, c            | 48.2  | 33.0 | Gale (force 8 or more)                   |
| 31    | 999.1       | 39.2                | 50.2    | 29.6 | —           | 0      | 5       | Sc.     | b                  | b                  | 47.8  | 30.1 | Alt. Frost                               |

1694 3 1323 6



194.2

Corrected Barometer

Humidity

|    | Bar.<br>mb. | Bar.<br>INS. | Att.<br>Ther.<br>°A | V. P. | %  | SUN-<br>-shine | Vis. | Dirn.<br>winds<br>COMING | State<br>of<br>Ground | Remarks:—                                                                                        |
|----|-------------|--------------|---------------------|-------|----|----------------|------|--------------------------|-----------------------|--------------------------------------------------------------------------------------------------|
| 1  | 1022.8      | 30.203       | 85.3                | 11.6  | 93 | 2.9            | K    | -                        | 1                     | Cloudy later overcast; with cont. light rain.                                                    |
| 2  | 1026.7      | 30.318       | 85.1                | 11.2  | 91 | 3.7            | K    | NW                       | 0                     | Cloudy with bright sunny periods. Calm night grad. clearing.                                     |
| 3  | 1041.8      | 29.967       | 85.1                | 12.6  | 87 | 0              | K    | W                        | 0                     | Overcast-cloudy day: overcast breezy night.                                                      |
| 4  | 1011.0      | 29.855       | 52.7                | 10.7  | 98 | 0              | H    | ENE?                     | 2                     | Cont. light rain & drizzle all day.                                                              |
| 5  | 1022.3      | 30.189       | 83.4                | 8.7   | 85 | 7.7            | K    | -                        | 0                     | Mainly clear - partly c. mild day. Calm clear night.                                             |
| 6  | 1020.1      | 30.123       | 83.0                | 9.5   | 83 | 4.0            | K    | W                        | 0                     | 2 blinding bar. increasing sunny periods. becoming bright sunny day.                             |
| 7  | 1007.2      | 29.742       | 84.7                | 11.7  | 94 | 1.9            | J    | SW?                      | 1                     | Fine noon: Clouding to overcast: breezy. Rain from 20 <sup>h</sup>                               |
| 8  | 1014.1      | 29.946       | 81.3                | 7.9   | 84 | 7.2            | K    | W                        | 1                     | Bright sunshine: Rain 13 <sup>h</sup> -17 <sup>h</sup> : clouded over at 8 <sup>h</sup>          |
| 9  | 999.2       | 29.506       | 84.7                | 13.8  | 95 | 0              | I    | WSW                      | 1                     | Int. rain during day: windy throughout. Drizzle - to obs.                                        |
| 10 | 1009.2      | 29.801       | 83.1                | 8.7   | 85 | 6.3            | K    | W                        | 1                     | Bright sunny into. Windy. Passing showers: slight shower at obs.                                 |
| 11 | 1018.9      | 30.088       | 83.0                | 9.9   | 82 | 6.5            | K    | SW                       | 1                     | Fine sunny fore-noon: Bright sunny into after <sup>n</sup> . Breezy night.                       |
| 12 | 1020.5      | 30.135       | 81.9                | 8.6   | 87 | 1.5            | K    | W?                       | 1                     | Rain forenoon. Changing to showers with bright sunny into.                                       |
| 13 | 1015.6      | 29.695       | 82.0                | 9.9   | 92 | 2.0            | J    | SW?                      | 1                     | Cloudy - overcast: Rain from 20 <sup>h</sup> . Gusty and windy.                                  |
| 14 | 1008.2      | 29.772       | 86.4                | 12.6  | 94 | 0.3            | J    | SW?                      | 1                     | Int. slight rain - drizzle. Heavier at 20 <sup>h</sup> . High wind.                              |
| 15 | 1018.8      | 30.085       | 84.2                | 11.2  | 86 | 2.1            | K    | WSW                      | 1                     | Cloudy - overcast. High wind: windy at obs. all day. do.                                         |
| 16 | 1023.0      | 30.209       | 84.6                | 11.6  | 87 | 0              | K    | W                        | 0                     | Overcast-cloudy. Slight-much drizzle. Windy day.                                                 |
| 17 | 1015.1      | 29.976       | 86.8                | 16.0  | 98 | 0              | J    | WSW                      | 1                     | Overc. day & night with int. slight rain & drizzle.                                              |
| 18 | 1018.9      | 30.088       | 86.8                | 15.0  | 97 | 0              | -    | SW                       | 1                     | Overc. day & night. low st. cloud 500'.                                                          |
| 19 | 1016.0      | 30.002       | 85.7                | 13.3  | 93 | 0.8            | K    | SW                       | 0                     | Overc.-cloudy day. Few about sunny into. Overcast night.                                         |
| 20 | 1015.8      | 29.997       | 83.5                | 9.1   | 90 | 3.6            | -    | NW                       | 0                     | Fresh partly cloudy day with <sup>clear night</sup> sunny into: Slight shower <sup>at 5.30</sup> |
| 21 | 1011.8      | 29.879       | 85.3                | 14.5  | 96 | 0              | J    | SW                       | 1                     | Overcast day: Int. slight rain - drizzle.                                                        |
| 22 | 1010.6      | 29.843       | 84.5                | 10.7  | 86 | 0.2            | J    | W                        | 1                     | Mainly overcast day: Partly cloudy cool night.                                                   |
| 23 | 1002.6      | 29.607       | 83.0                | 9.9   | 91 | 0.9            | K    | S'W                      | 1                     | Cool night: Partly cloudy - cloudy day.                                                          |
| 24 | 999.5       | 29.515       | 80.0                | 7.6   | 84 | 1.5            | K    | ?                        | 1                     | Mostly overc. day with sunny into: Clear cool night.                                             |
| 25 | 991.1       | 29.267       | 80.0                | 8.0   | 94 | 0              | -    | -                        | 0                     | Mainly overc. day & night. Cool.                                                                 |
| 26 | 989.3       | 29.214       | 79.7                | 7.9   | 88 | 0.4            | K    | N                        | 1                     | Cloudy - overc. day: cold. Over cool night.                                                      |
| 27 | 997.2       | 29.447       | 80.5                | 9.4   | 98 | 0.3            | J    | S'E                      | 1                     | Cloudy - overc. with int. rain. Slight drizzle at obs.                                           |
| 28 | 1005.4      | 29.689       | 80.8                | 8.4   | 91 | 8.7            | K    | S                        | 0                     | Bright sunny day. Clear night with dist. lightning. & Aurora a.                                  |
| 29 | 1007.0      | 29.736       | 80.4                | 7.3   | 84 | 5.3            | K    | NNE                      | 0                     | Few bright sunny into: cloudy at obs: Dist. lightning.                                           |
| 30 | 1009.5      | 29.810       | 79.8                | 7.3   | 86 | 6.6            | K    | N?                       | 0                     | Mainly bright sunny day: cloudy in evening. Dist lightning.                                      |
| 31 | 1009.3      | 29.804       | 77.0                | 5.3   | 92 | 6.1            | K    | E                        | 0                     | Bright sunny day: Cool calm clear night.                                                         |

27.91

80.8



| 1942.     | Morn.       |                  | g.h. |      | Anemometer. |        | Clouds. |             | Weather.           |                    | Rain           |                |                     |              | Visibility |
|-----------|-------------|------------------|------|------|-------------|--------|---------|-------------|--------------------|--------------------|----------------|----------------|---------------------|--------------|------------|
| November. | Bar.<br>mb. | Of Att.<br>Ther. | Dry. | Wet. | Dir.        | Force. | Amount  | Form.       | At time<br>of obs. | Since<br>last obs. | 8 ins<br>(ins) | Auto.<br>(ins) | Total.<br>(ins)     | Rain<br>(mm) |            |
| Sum. 1    | 1000.0      | 37.4             | 33.8 | 32.4 | S'E         | 2      | 0       | -           | b                  | cb, bc.            | 0              | 0              | 0                   | 0            | K          |
| 2         | 1002.6      | 37.4             | 31.4 | 30.6 | S'W         | 1      | 3       | Co.         | bc                 | c, bc, bc.         | 0              | 0              | 0                   | 0            | H          |
| 3         | 1006.3      | 36.4             | 34.5 | 33.2 | SSW         | 2      | 5.      | Sc.         | b                  | cb.                | 0              | 0              | 0                   | 0            | K          |
| 4         | 1006.3      | 37.4             | 39.4 | 37.6 | S'W         | 2      | 3       | Cl          | b                  | b                  | 0              | 0              | 0                   | 0            | K          |
| 5         | 996.8       | 40.0             | 36.9 | 36.3 | S           | 1      | 10      | St.         | or.                | o, r.              | .035           | .035           | .035                | 0.9          | H          |
| 6         | 991.7       | 41.2             | 42.8 | 41.4 | S'E         | 5      | 10      | Fn. Ao.     | o                  | o, o, b.           | .13            | .13            | .165                | 3.3          | J          |
| 7         | 992.3       | 41.8             | 43.6 | 41.1 | SSW         | 5      | 2       | cu. Fr. Ac. | b                  | b, bc.             | .012           | .016           | .181                | 0.4          | K          |
| Sum. 8    | 1008.8      | 41.6             | 41.7 | 40.6 | SSW         | 2      | 6       | Sc. Ac.     | cb.                | cb, c, p, bc.      | bc.            | bc.            | <del>bc.</del> .181 | ta           | K          |
| 9         | 1013.9      | 44.6             | 46.9 | 44.4 | SSW         | 3      | 9+      | Sc. Ac.     | c                  | b, bc, cb, c.      | .07            | .07            | .251                | 1.8          | K          |
| 10        | 1011.2      | 47.8             | 47.9 | 47.4 | SW          | 2      | 10      | Fn.         | or.                | cb, or.            | .04            | .04            | .291                | 1.1          | I          |
| 11        | 1016.1      | 37.8             | 32.5 | 31.3 | -           | 0      | 3       | Cl          | bc                 | b                  | .07            | .07            | .361                | 1.6          | H          |
| 12        | 1013.6      | 40.2             | 38.5 | 36.8 | SW          | 1      | 5.      | cu. Ac.     | or, bc.            | bc                 | 0              | 0              | .361                | 0.0          | J          |
| 13        | 1026.2      | 38.2             | 39.6 | 37.8 | S'W         | 2      | 3       | cu. Ac.     | bc.                | b, bc.             | 0              | 0              | .361                | 0.0          | K          |
| 14        | 1029.0      | 43.4             | 44.5 | 44.2 | SSW         | 1      | 10      | Sc          | or, d.             | o, c, b, o         | .004           | .004           | .365                | 0.1          | H          |
| Sum. 15   | 1023.9      | 44.8             | 45.8 | 44.8 | SW'W        | 1      | 10      | Sc. Ao.     | o                  | cb, c, o.          | bc.            | bc.            | .365                | bc.          | K          |
| 16        | 1028.0      | 42.4             | 44.5 | 42.4 | NW'N        | 1      | 6       | Sc.         | c                  | b                  | 0              | 0              | .365                | 0.0          | K          |
| 17        | 1028.8      | 39.0             | 37.0 | 36.1 | SSW         | 2      | 9+      | Sc.         | cb.                | cb, b, bc.         | 0              | 0              | .365                | 0.0          | K          |
| 18        | 1023.8      | 43.2             | 45.2 | 43.7 | NW          | 2      | 9+      | Sc. (Fn)    | cb.                | o.                 | 0              | 0              | .365                | 0.0          | K          |
| 19        | 1021.9      | 42.8             | 42.3 | 41.3 | W'N         | 1      | 10      | Sc.         | o                  | o                  | 0              | 0              | .365                | 0.0          | K          |
| 20        | 1019.9      | 43.6             | 45.5 | 44.6 | SW          | 2      | 10      | Sc.         | or.                | cb.                | .01            | .02            | .385                | 0.4          | I          |
| 21        | 1023.1      | 41.8             | 38.9 | 38.1 | N'E         | 1      | 9+      | Sc.         | cb.                | o, d, cb.          | bc.            | bc.            | .385                | bc.          | K          |
| Sum. 22   | 1027.0      | 37.8             | 35.0 | 34.0 | N'W         | 1.     | 9+      | Sc.         | cb                 | o, cb.             | 0              | 0              | .385                | 0.0          | E          |
| 23        | 1027.1      | 38.6             | 39.8 | 38.7 | SW          | 1      | 9+      | Ac. Cl.     | c                  | c                  | .008           | .008           | .393                | 0.2          | J          |
| 24        | 1030.8      | 42.4             | 42.9 | 42.1 | SSW         | 2      | 10      | Sc.         | o                  | o                  | 0              | 0              | .393                | 0.0          | K          |
| 25        | 1030.8      | 43.0             | 41.8 | 41.3 | E           | 1      | 9+      | Sc.         | c                  | o, c.              | 0              | 0              | .393                | 0.0          | I          |
| 26        | 1029.0      | 42.6             | 41.5 | 39.6 | NE          | 1      | 10      | Sc.         | o                  | o                  | .01608         | .01608         | .407                | 0.22         | K          |
| 27        | 1021.8      | 41.2             | 38.5 | 38.3 | NE          | 1      | 1       | Sc.         | b.                 | b, bc.             | .024           | .024           | .425                | 0.6          | .          |
| 28        | 1015.1      | 42.0             | 42.0 | 41.8 | -           | 0      | 10      | Sc.         | o                  | o                  | .004           | .004           | .429                | 0.1          | J          |
| Sum. 29   | 1008.0      | 41.0             | 41.6 | 40.9 | SW'W        | 2      | 6       | Sc.         | cb.                | b, c, cb.          | bc.            | bc.            | .429                | bc.          | K          |
| 30        | 1008.9      | 39.2             | 34.8 | 34.4 | S'W         | 1      | 9       | Sc.         | c                  | b, c, cb, bc.      | .08            | .08            | .509                | 2.0          | K          |
| 31        |             |                  |      |      |             |        |         |             |                    |                    |                |                |                     |              |            |

0.495  
5.67

0.509



| 1942 | Corrected Barometer |            |            | Humidity |    |            | IN Ground. |       | Cloud. | State of | Date | Remarks:                                                 |
|------|---------------------|------------|------------|----------|----|------------|------------|-------|--------|----------|------|----------------------------------------------------------|
|      | Bar. (mt)           | Bar. (INS) | Alt. J. °A | V.P.     | %  | Grass Min. | 1 Ft.      | 4 Ft. | Dirn.  | Ground   |      |                                                          |
| 1    | 1010.2              | 29.831     | 76.0       | 5.9      | 85 | 25.2       | 44.6       | 50.8  | -      | 0        | 1    | Cold calm clear night: Morning similar.                  |
| 2    | 1012.9              | 29.911     | 76.0       | 5.6      | 94 | 22.2       | 44.2       | 50.5  | N      | 0        | 2    | Cloudy / clear night: cold frosty morn.                  |
| 3    | 1016.7              | 30.023     | 75.4       | 5.8      | 84 | 26.4       | 43.3       | 50.1  | SW??   | 0        | 3    | Cloudy frosty night and morning.                         |
| 4    | 1016.6              | 30.020     | 76.0       | 7.0      | 84 | 22.9       | 42.8       | 49.8  | S      | 0        | 4    | Fine frosty night: fine sunny morn.                      |
| 5    | 1006.8              | 29.730     | 77.4       | 7.0      | 94 | 34.0       | 42.2       | 49.2  | ?      | 1        | 5    | Cold partly cloudy night: cold drizzly morn.             |
| 6    | 1001.4              | 29.571     | 78.1       | 8.3      | 88 | 36.5       | 43.1       | 49.0  | S'W    | 1        | 6    | Slight int. rain: mainly overcast morn.                  |
| 7    | 1001.9              | 29.586     | 78.5       | 7.6      | 80 | 37.2       | 44.0       | 48.8  | SW     | 0        | 7    | Clear night mainly: clear windy morn: cool.              |
| 8    | 1018.7              | 30.082     | 78.3       | 8.0      | 91 | 35.7       | 43.4       | 48.3  | W'N    | 1        | 8    | Partly cloudy cool night: similar morn: clouding late.   |
| 9    | 1023.3              | 30.218     | 80.0       | 8.9      | 80 | 35.9       | 44.2       | 48.4  | SW     | 0        | 9    | Early night clear: cloudy after midnight: cloudy at obs. |
| 10   | 1020.3              | 30.129     | 81.8       | 11.0     | 95 | 46.1       | 45.2       | 48.0  | SW?    | 1        | 10   | Windy night: quiet rainy morning.                        |
| 11   | 1026.6              | 30.315     | 76.2       | 5.4      | 87 | 22.8       | 43.8       | 48.1  | -      | 0        | 11   | Cold clear night, clear morn: heavy frost.               |
| 12   | 1023.6              | 30.227     | 77.5       | 6.6      | 85 | 28.9       | 43.7       | 48.0  | SW     | 1        | 12   | Cold windy night: rain: clear cool quiet morn.           |
| 13   | 1036.5              | 30.608     | 76.4       | 6.9      | 83 | 25.9       | 42.3       | 48.0  | NNW    | 1        | 13   | Clear cool night. Bright sunny morn.                     |
| 14   | 1038.7              | 30.673     | 79.3       | 9.8      | 97 | 31.8       | 42.5       | 47.7  | -      | 0        | 14   | Occ. night, clearing: cloudy just before obs.            |
| 15   | 1033.4              | 30.516     | 80.1       | 9.6      | 92 | 43.2       | 43.8       | 47.3  | WNW    | 0        | 15   | Mainly occ. night: overcast calm morn.                   |
| 16   | 1037.8              | 30.646     | 78.8       | 8.3      | 84 | 29.4       | 43.6       | 47.4  | N      | 0        | 16   | Clear night: Variable morn: Bright sunny periods.        |
| 17   | 1039.1              | 30.684     | 76.9       | 6.8      | 91 | 26.1       | 42.3       | 47.2  | W      | 0        | 17   | Cold clear night, light frost: partly cloudy morn.       |
| 18   | 1033.6              | 30.522     | 79.2       | 8.9      | 87 | 38.8       | 42.3       | 47.1  | W      | 0        | 18   | Warm cloudy night: clear earlier: warm dety morn.        |
| 19   | 1031.8              | 30.469     | 79.0       | 7.9      | 84 | 33.2       | 43.0       | 46.9  | W?     | 0        | 19   | Cloudy night and morning.                                |
| 20   | 1029.6              | 30.404     | 79.4       | 9.6      | 92 | 37.3       | 43.2       | 46.7  | W      | 0        | 20   | Mainly occ. clearing around 10 <sup>hrs</sup> (c. below) |
| 21   | 1033.7              | 30.525     | 78.5       | 7.5      | 92 | 31.0       | 43.2       | 46.8  | N      | 1        |      | Cool overcast night: slight drizzle in early morn.       |
| 22   | 1037.5              | 30.637     | 76.2       | 6.2      | 90 | 33.4       | 42.6       | 46.6  | -      | 0        |      | Mainly occ. cool calm night: cloudy cool calm morn.      |
| 23   | 1037.5              | 30.637     | 76.7       | 7.4      | 89 | 27.9       | 41.8       | 46.7  | N      | 0        |      | Mainly cloudy night: calm bright cloudy morn.            |
| 24   | 1040.8              | 30.735     | 78.8       | 8.8      | 93 | 39.5       | 42.3       | 46.4  | S'E?   | 0        |      | Overcast warm night and morning.                         |
| 25   | 1040.8              | 30.735     | 79.1       | 8.6      | 97 | 39.4       | 43.3       | 46.4  | E      | 0        |      | Overcast / cloudy calm night and morn.                   |
| 26   | 1039.0              | 30.681     | 78.9       | 7.4      | 83 | 39.3       | 43.3       | 46.2  | ENE    | 0        |      | Overcast night and morning.                              |
| 27   | 1038.8              | 30.675     | 78.1       | 7.7      | 98 | 31.8       | 43.1       | 46.3  | ENE    | 0        |      | Mainly overcast mild day and night.                      |
| 28   | 1025.0              | 30.268     | 78.6       | 9.0      | 98 | 30.8       | 42.8       | 46.4  | -      | 1        |      | Mainly cloudy / occ. night: Dull damp occ. calm morn.    |
| 29   | 1017.9              | 30.058     | 78.0       | 8.2      | 93 | 35.1       | 42.4       | 46.1  | NNW    | 1        |      | Partly cloudy night: cold partly cloudy morn.            |
| 30   | 1019.0              | 30.091     | 77.0       | 6.6      | 96 | 25.9       | 42.4       | 46.2  | WNW    | 1        |      | Early night cloudy: clearing later: cloudy at obs.       |
| 31   |                     |            |            |          |    |            |            |       |        |          |      |                                                          |

1026.6 cloudy night. SE 11.0: 1.1



| 1942. | Even.       | 21 <sup>hrs</sup> |      | Anemometer. |      | Clouds. |        | Weather.       |                    | Temp.              |               |        |                 |                                          |
|-------|-------------|-------------------|------|-------------|------|---------|--------|----------------|--------------------|--------------------|---------------|--------|-----------------|------------------------------------------|
| Nov.  | Bar.<br>mb. | Att.<br>Ther.     | Dry. | Wet.        | Dir. | Force.  | Amount | Form.          | At time<br>of obs. | Since<br>last obs. | Max.          | Min.   | November, 1942. |                                          |
| Sun.  | 1           | 1001.9            | 43.0 | 38.2        | 37.2 | —       | 0      | 9              | Sc.                | c                  | b, bc.        | 49.7   | 29.1            | Total Rainfall ... 0.509 inches          |
|       | 2           | 1003.3            | 40.6 | 35.9        | 35.4 | —       | 0      | 9 <sup>+</sup> | Sc.                | c                  | bc, c.        | 41.3   | 27.9            | Total Sunshine ... 68.5 hours            |
|       | 3           | 1008.8            | 39.6 | 34.8        | 34.3 | —       | 0      | 0              | —                  | b                  | b             | 50.2   | 29.4            |                                          |
|       | 4           | 1000.3            | 38.8 | 38.0        | 36.6 | S'W     | 3      | 0              | —                  | b                  | b             | 46.2   | 28.8            | max. temp. 56.2°F on 16th                |
|       | 5           | 997.0             | 41.0 | 39.6        | 38.8 | —       | 0      | 9 <sup>+</sup> | Sc.                | c                  | o, c, r.      | 47.1   | 35.5            | min. temp. 27.9°F on 2nd                 |
|       | 6           | 987.2             | 46.6 | 45.5        | 44.5 | SW      | 4      | br.            | Fn.                | b                  | o, r, r.      | 54.1   | 36.8            |                                          |
|       | 7           | 999.1             | 43.6 | 41.8        | 40.8 | SW      | 3      | br.            | Sc.                | b                  | b, bc, r.     | 49.0   | 39.0            | Lowest max. temp. 41.3°F on 2nd          |
| Sun.  | 8           | 1013.9            | 45.4 | 44.8        | 43.4 | SSW     | 2      | br.            | Sc.                | b                  | c             | 50.5   | 37.9            | Highest min. temp. 41.9°F on 9th         |
|       | 9           | 1011.0            | 48.4 | 48.6        | 46.6 | SSW     | 4      | 10             | Sc.                | o                  | c, bc, c.     | 54.2   | 41.9            |                                          |
|       | 10          | 1018.9            | 41.8 | 34.9        | 34.3 | —       | 0      | 0              | —                  | b                  | o, r, bc, c.  | 49.6   | 34.4            | Average max. temp. 48.4°F on             |
|       | 11          | 1007.0            | 46.2 | 47.2        | 45.7 | S       | 4      | 10             | Sc.                | o                  | bc, c, o.     | 47.9   | 28.2            | Average min. temp. 35.6°F.               |
|       | 12          | 1022.1            | 40.8 | 33.7        | 32.7 | —       | 0      | 0              | —                  | b                  | b, bc, b.     | 47.9   | 33.6            |                                          |
|       | 13          | 1028.7            | 42.8 | 42.2        | 41.7 | SSW     | 1      | 10             | Sc.                | o                  | b, bc, c.     | 49.1   | 31.6            | mean temp. for month 42.0°F              |
|       | 14          | 1027.1            | 45.0 | 46.8        | 46.2 | W       | 1      | 10             | Sc.                | o                  | o, d.         | 47.8   | 38.6            |                                          |
| Sun.  | 15          | 1025.6            | 44.2 | 39.7        | 38.7 | —       | 0      | 0              | —                  | b                  | c, o, bc, b.  | 53.9   | 39.4            | Min. grass temp. 22.2°F on 2nd.          |
|       | 16          | 1029.0            | 42.2 | 37.9        | 36.8 | —       | 0      | 2              | Co.                | b                  | c             | 56.2   | 37.0            |                                          |
|       | 17          | 1027.1            | 42.4 | 40.7        | 39.8 | W'N     | 1      | 9 <sup>+</sup> | Sc.                | c                  | c, bc, b.     | 48.8   | 31.0            | Highest Bar. at M.S.L. 1031.0 mb. on 24  |
|       | 18          | 1022.3            | 43.6 | 40.0        | 39.6 | NNW     | 1      | 9 <sup>+</sup> | Sc.                | c                  | c             | 48.2   | 39.9            | Lowest Bar. at M.S.L. 987.2 mb. on 6th   |
|       | 19          | 1020.9            | 44.2 | 42.7        | 41.3 | SW      | 3      | 1              | Sc.                | b                  | o, bc.        | 45.9   | 39.0            |                                          |
|       | 20          | 1020.7            | 43.8 | 40.2        | 39.5 | W       | 1      | 2              | Ac.                | b                  | o, c, bc.     | 50.0   | 40.0            | Greatest Daily Rainfall 0.13 ins. on 6th |
|       | 21          | 1025.5            | 41.0 | 37.0        | 34.9 | —       | 0      | 10             | Sc.                | o                  | o, c, o.      | 43.7   | 36.8            | Greatest Daily Sunshine 7.3 hrs. on 3rd. |
| Sun.  | 22          | 1026.8            | 37.8 | 32.6        | 30.6 | —       | 0      | 3              | Ci.                | b                  | o, bc, b.     | 47.9   | 31.6            |                                          |
|       | 23          | 1028.8            | 42.8 | 44.5        | 43.5 | —       | 0      | 10             | Sc.                | o                  | c, o          | 47.6   | 31.2            | Weather Summary                          |
|       | 24          | 1031.0            | 44.0 | 43.8        | 42.9 | —       | 0      | 10             | Sc.                | o                  | o             | 48.3   | 41.7            | Snow or Sleet                            |
|       | 25          | 1030.6            | 43.6 | 42.1        | 39.6 | —       | 0      | 10             | Sc.                | o                  | o             | 46.5   | 40.9            | Snow lying                               |
|       | 26          | 1024.7            | 42.8 | 41.7        | 40.3 | NE      | 1      | 9              | —                  | c                  | o, c.         | 42.9   | 40.0            | Hail                                     |
|       | 27          | 1018.1            | 42.0 | 38.9        | 38.7 | NNE     | 1      | 8              | Sc.                | bc                 | bc, o, c.     | 48.7   | 38.4            | Thunder heard                            |
|       | 28          | 1012.1            | 42.4 | 39.3        | 38.6 | SW      | 2      | 1              | Sc.                | b                  | o, bc, c, bc. | 47.7   | 36.9            | Fog                                      |
| Sun.  | 29          | 1009.0            | 59.8 | 41.0        | 40.5 | W       | 1      | 10             | Sc.                | o, r.              | o, bc, c.     | 47.9   | 37.6            | Ground Frost.                            |
|       | 30          | 1000.8            | 42.2 | 41.8        | 41.0 | SW      | 4      | 6              | Sc. Co.            | bc.                | o, d, o, c.   | 42.8   | 32.6            | Gale (force 8 or more)                   |
|       | 31          |                   |      |             |      |         |        |                |                    |                    |               | 1451.6 | 1066.7          | Air Frost.                               |



194.2

Corrected Barometer

Humidity

|    | Bar.<br>(mb) | Bar.<br>(ins) | Air-T.<br>°A | V.P. | %    | Sum-<br>-Shine | Vis. | Dirn.<br>Coming | State<br>fromd. | Remarks.                                                                               |
|----|--------------|---------------|--------------|------|------|----------------|------|-----------------|-----------------|----------------------------------------------------------------------------------------|
| 1  | 1011.5       | 29.870        | 79.1         | 7.1  | 91   | 7.1            | K    | E               | 0               | 1 Bright sunny day: cloudy in evening: calm night.                                     |
| 2  | 1013.2       | 29.920        | 77.7         | 6.8  | 94   | 1.3            | J    | S'W             | 0               | 2 Bright morn: cloudy afternoon: calm cloudy night.                                    |
| 3  | 1018.9       | 30.088        | 77.2         | 6.4  | 90   | 7.3            | K    | -               | 0               | 3 Bright sunny day: calm clear night.                                                  |
| 4  | 1010.3       | 29.840        | 77.3         | 6.8  | 87   | 7.0            | K    | -               | 0               | 4 Fine sunny day: clear cool night.                                                    |
| 5  | 1006.9       | 29.733        | 78.0         | 7.6  | 93   | 0.0            | H    | SW?             | 1               | 5 Occ./cloudy with slight int. rain: calm cloudy night.                                |
| 6  | 996.2        | 29.418        | 81.1         | 9.5  | 92   | 0.0            | K    | SSW             | 1               | 6 Windy night: slight int. rain. Mod int. rain 17-19h. Clearing before obs.            |
| 7  | 1008.6       | 29.784        | 79.5         | 8.3  | 91   | 6.7            | K    | W               | 1               | 7 Fine sunny day: cloudy evening: light passing shower.                                |
| 8  | 1023.3       | 30.218        | 80.4         | 9.2  | 92   | 0.9            | K    | SW              | 0               | 8 Cloudy day: clearing late evening.                                                   |
| 9  | 1020.1       | 30.123        | 82.1         | 7.9  | 85   | 2.2            | K    | SW?             | 0               | 9 Mainly cloudy: sunny periods 11-15h. Breezy night.                                   |
| 10 | 1028.9       | 30.383        | 78.5         | 6.4  | 94   | 0.9            | K    | -               | 1               | 10 Mainly occ. Rain 10-12h. Clearing 15h. Calm cool night.                             |
| 11 | 1016.2       | 30.008        | 80.9         | 9.7  | 87   | 2.9            | K    | SSW             | 0               | 11 Bright morn. Cloudy/occ. fore noon. Mild breezy night.                              |
| 12 | 1032.1       | 30.478        | 77.9         | 5.8  | 90   | 6.3            | J    | -               | 0               | 12 Mainly bright sunny day. Cool calm clear night.                                     |
| 13 | 1038.7       | 30.673        | 79.0         | 8.7  | 95   | 5.1            | J    | SW?             | 0               | 13 Mainly bright sunny day: Occ. at obs: calm: warm.                                   |
| 14 | 1036.7       | 30.614        | 80.2         | 10.3 | 95   | 0.0            | J    | NW              | 0               | 14 Occ. dull day. Very slight drizzle. Overcast night.                                 |
| 15 | 1035.6       | 30.581        | 79.8         | 11.5 | 91   | 1.7            | K    | -               | 1               | 15 Cloudy/occ. Bright sunny into after: Cloudy around 17h. Cool clear night after obs. |
| 16 | 1039.1       | 30.684        | 78.7         | 6.9  | 91   | 2.6            | K    | N               | 1               | 16 Mainly cldy. + some sunny into: cool calm night. Becoming cldy after obs.           |
| 17 | 1037.2       | 30.628        | 78.8         | 8.1  | 91   | 3.6            | K    | NNW             | 1               | 17 Cloudy morn: Sunny after: Clouding at 20h. Cldy mild night.                         |
| 18 | 1032.2       | 30.481        | 79.4         | 8.1  | 96   | 0.0            | J    | NNW             | 0               | 18 Cloudy day and night.                                                               |
| 19 | 1030.6       | 30.434        | 79.8         | 8.2  | 88   | 0.0            | K    | N               | 0               | 19 Mainly occ. clearing around 19 hrs.                                                 |
| 20 | 1030.4       | 30.428        | 79.6         | 7.9  | 93   | 0.5            | K    | N               | 0               | 20 Mainly occ. clearing about 18h. Calm clear night.                                   |
| 21 | 1035.6       | 30.581        | 78.0         | 5.9  | 79   | 0.6            | K    | N               | 0               | 21 Mainly occ. cool day: overcast calm night.                                          |
| 22 | 1037.5       | 30.637        | 76.2         | 4.9  | 79   | 3.9            | K    | N               | 4               | 22 Cloudy morn: clear after: Clouding 6 in evening.                                    |
| 23 | 1038.6       | 30.670        | 79.0         | 9.2  | 92   | 0.9            | K    | NE              | 0               | 23 Cloudy/overcast day: calm cold overcast night.                                      |
| 24 | 1040.8       | 30.735        | 79.7         | 9.0  | 92   | 0.0            | I    | E?              | 0               | 24 Overcast day: calm overcast mild night.                                             |
| 25 | 1039.6       | 30.699        | 79.4         | 7.1  | 79   | 0.0            | K    | E?              | 0               | 25 Overcast day: calm overcast night.                                                  |
| 26 | 1034.6       | 30.552        | 79.0         | 7.9  | 88   | 0.0            | .    | .               | 0               | 26 Mainly occ. mild day & night.                                                       |
| 27 | 1028.0       | 30.357        | 78.6         | 8.0  | 98   | 4.4            | I    | N               | 1               | 27 Bright sunny morn: cloudy after: Shower 19 hrs.                                     |
| 28 | 1022.0       | 30.179        | 78.8         | 7.6  | 94   | 1.3            | K    | E               | 1               | 28 Cloudy/overcast: Sunny period 12-13 hrs: Clouding before obs.                       |
| 29 | 1018.9       | 30.088        | 88.4         | 8.3  | 95   | 1.0            | J    | W               | 1               | Mainly cloudy: clearing 17 hrs: slight rain from 19h.                                  |
| 30 | 1010.4       | 29.837        | 78.7         | 8.3  | 93   | 0.3            | K    | W               | 1               | Overcast: slight drizzle int: Wind backing.                                            |
| 31 |              |               |              |      | 27.5 |                |      |                 |                 |                                                                                        |

68-5



| 1942.   | Morn.       |                               | gln. | Anemometer. |      | Clouds. |        | Weather.                  |                    | Rain.              |                |               |                |              |      |
|---------|-------------|-------------------------------|------|-------------|------|---------|--------|---------------------------|--------------------|--------------------|----------------|---------------|----------------|--------------|------|
| Dec.    | Bar.<br>mb. | 9 <sup>th</sup> Att.<br>Ther. | Dry. | Wet.        | Dir. | Force.  | Amount | Form.                     | At time<br>of obs. | Since<br>last obs. | 8 ins<br>(ins) | Auto<br>(ins) | Total<br>(ins) | Rain<br>(mm) | Vis. |
| 1       | 998.0       | 42.4                          | 43.9 | 43.1        | NNW  | 1       | 10     | Fm.<br>No.                | or                 | or                 | .05            | .04           | .04            | 1.1          | .    |
| 2       | 1007.0      | 37.4                          | 31.9 | 31.1        | SW   | 1       | 3      | Ac. Ci.                   | bc                 | bc                 | .028           | .028          | .068           | 0.68         | H    |
| 3       | 1008.1      | 39.2                          | 38.5 | 38.2        | —    | 0       | 10     | St.                       | or                 | or                 | tr.            | tr.           | .068           | tr.          | G.5. |
| 4       | 1003.4      | 41.0                          | 45.0 | 43.4        | S'E  | 3       | 10     | Sc. Ac                    | o                  | o, cl.             | .34            | .34           | .338           | 6.8          | K    |
| 5       | 985.9       | 40.7                          | 41.9 | 39.7        | W'N  | 5       | 10     | Fm.                       | o                  | o, r, cl.          | .012           | .012          | .350           | 0.3          | K    |
| Sum. 6  | 1000.8      | 43.8                          | 46.0 | 45.9        | SSW  | 3       | 10     | Fm.                       | o, d.              | o, d, o            | .13            | .13           | .48            | 3.3          | J    |
| 7       | 997.7       | 51.2                          | 53.8 | 51.6        | SW   | 6       | 9+     | Fm. Ac.<br>No.            | c                  | o, r.              | o              | o             | .48            | 0.0          | K    |
| 8       | 1005.6      | 50.7                          | 47.9 | 46.7        | S'W  | 3       | 10     | Fm. No.                   | o                  | cl, o.             | .09            | .09           | .57            | 2.3          | J    |
| 9       | 993.6       | 51.5                          | 52.7 | 49.8        | S'W  | 7       | 10     | Fm. Ac. No.               | o                  | o, c.              | .41            | .41           | .98            | 10.4         | K    |
| 10      | 982.9       | 47.0                          | 49.3 | 48.6        | S'E  | 6       | 10     | Fm.                       | or                 | o, r.              | .33            | .34           | 1.32           | 8.5          | I    |
| 11      | 981.5       | 43.7                          | 42.4 | 41.1        | SSW  | 3       | 8      | Ac. Co.                   | cl.                | cl.                | .008           | .008          | 1.328          | 0.2          | K    |
| 12      | 997.8       | 39.6                          | 37.3 | 36.3        | S'W  | 3       | 1      | Co.                       | b                  | b                  | .32            | .32           | 1.648          | 8.1          | K    |
| Sum. 13 | 973.9       | 48.2                          | 51.2 | 48.6        | S    | 7       | 10     | Fm. No.                   | orr                | orr, cl, orr.      | .028           | .028          | 1.676          | 0.7          | J    |
| 14      | 987.4       | 44.0                          | 42.9 | 41.6        | SE   | 2       | 9+     | Ac. An.                   | cl                 | bc.                | .10            | .10           | 1.776          | 2.6          | K    |
| 15      | 980.1       | 45.6                          | 45.9 | 43.8        | S'E  | 9       | 9      | Ac. Ci.<br>Ac. Ci.<br>Sc. | c                  | c, o, r.           | .37            | .37           | 2.146          | 9.5          | K    |
| 16      | 969.8       | 47.7                          | 49.9 | 48.8        | SSE  | 7       | 10     | No.                       | or.                | cl, or.            | .07            | .07           | 2.216          | 1.6          | I    |
| 17      | 975.8       | 47.0                          | 48.5 | 46.6        | S'E  | 5       | 5      | Sc. Ci.<br>Ac. As.        | bc                 | bc.                | .008           | .008          | 2.224          | 0.2          | J    |
| 18      | 986.9       | 44.2                          | 43.0 | 42.4        | SSW  | 3       | 9+     | Sc.                       | cl                 | bc, c.             | .16            | .16           | 2.384          | 4.1          | J    |
| 19      | 985.7       | 42.8                          | 44.8 | 43.9        | S'E  | 2       | 10     | Fm.                       | or.                | or.                | .03            | .03           | 2.414          | 0.8          | J    |
| Sum. 20 | 997.0       | 41.8                          | 44.4 | 42.8        | SSW  | 3       | 9      | Sc. Ac.<br>An.            | c                  | b, bc, c.          | .45            | .45           | 2.864          | 11.3         | J    |
| 21      | 996.3       | 47.6                          | 48.8 | 46.8        | SSW  | 5       | 9+     | Ac. As. Sc.<br>Co.        | c                  | o, RR, c.          | .024           | .024          | 2.888          | 0.6          | J    |
| 22      | 1001.7      | 45.0                          | 41.8 | 40.6        | SW'W | 3       | tr.    | Co.                       | b                  | c, r, cl.          | o              | o             | 2.888          | o            | K    |
| 23      | 1014.1      | 46.0                          | 47.6 | 45.9        | SW'W | 4       | 9+     | Sc. Ac.<br>Ci.            | c                  | b, bc, cl.         | .04            | .04           | 2.928          | 1.0          | K    |
| 24      | 1010.9      | 48.2                          | 46.8 | 46.2        | SW   | 3       | 10     | Sc. An.                   | o                  | o, r, d.           | o              | o             | 2.928          | o            | K    |
| 25      | 1014.3      | 39.2                          | 35.5 | 34.9        | SW   | 1       | tr.    | Ac. Co.                   | b                  | bc, b.             | .004           | .004          | 2.932          | 0.1          | K    |
| 26      | 1013.3      | 46.0                          | 48.9 | 48.0        | S'E  | 3       | 10     | Sc.                       | o                  | c, o, d.           | .11            | .11           | 3.042          | 2.8          | J    |
| 27      | 1018.0      | 41.8                          | 35.7 | 35.7        | SW'W | 2       | ?      | Sc.                       | f                  | f                  | .05            | .05           | 3.092          | 1.3          | D.2  |
| 28      | 1006.8      | 46.0                          | 45.2 | 44.8        | WSW  | 3       | 9+     | Sc.                       | c.                 | c, o, d.           | .10            | .10           | 3.192          | 2.6          | K    |
| 29      | 1008.9      | 37.5                          | 33.2 | 32.6        | NW'N | 3       | 6      | Sc.                       | cl                 | b, bc, b.          | .008           | .008          | 3.200          | 0.2          | K    |
| 30      | 1018.0      | 37.0                          | 33.7 | 32.6        | SSW  | 2       | 10     | Sc. Ac.<br>Co.            | o                  | c, o               | .25            | .25           | 3.45           | 6.3          | K    |
| 31      | 1004.7      | 41.8                          | 40.8 | 39.4        | W    | 2       | 2      | St. Ac.<br>No.            | b                  | o, c, cl           | .39            | .39           | 3.84           | 9.9          | K    |
|         |             |                               |      |             |      |         |        |                           |                    |                    | 3.84           | 3.84          |                |              |      |



| 194.2 | Corrected Barometer |               |               | Humidity |    |               | IN<br>Ground. |      | Cloud<br>Direct. | State<br>of. |    |                                                                                                 |
|-------|---------------------|---------------|---------------|----------|----|---------------|---------------|------|------------------|--------------|----|-------------------------------------------------------------------------------------------------|
| Dec.  | Bar.<br>mb.         | Bar.<br>(ins) | Ath. T.<br>°A | V.P.     | %  | Grass<br>Min. | 1 Ft          | 4 Ft |                  | Ground.      | #. | Remarks:—                                                                                       |
| 1     | 1007.6              | 29.754        | 78.8          | 9.2      | 93 | 32.3          | 42.3          | 46.0 | N                | 1            |    | Overcast; showery night; rainy morning.                                                         |
| 2     | 1017.4              | 30.044        | 76.0          | 5.5      | 91 | 27.0          | 41.8          | 45.9 | ?                | 0            |    | Cold frosty night and morn.                                                                     |
| 3     | 1018.2              | 30.067        | 77.0          | 7.6      | 96 | 33.2          | 41.2          | 45.8 | ?                | 1            |    | Cold drizzly night and morn.                                                                    |
| 4     | 1011.3              | 29.864        | 78.0          | 8.8      | 87 | 31.0          | 41.5          | 45.6 | WSW              | 0            |    | Cold night; gusty; breezy warm morning.                                                         |
| 5     | 995.6               | 29.400        | 77.8          | 7.3      | 81 | 34.0          | 42.5          | 45.7 | W'N              | 1            |    | Rain during night, ceasing 2:30 <sup>hrs</sup> ; windy bright morn. <sup>overcast at abn.</sup> |
| 6     | 1010.2              | 29.831        | 79.6          | 10.5     | 98 | 38.9          | 42.4          | 45.4 | SW               | 1            |    | Overcast night and morn: slight drizzle after abn.                                              |
| 7     | 1006.4              | 29.719        | 83.7          | 12.1     | 85 | 51.9          | 44.8          | 45.3 | W                | 1            |    | Windy partly rainy night: windy morn.                                                           |
| 8     | 1014.7              | 29.964        | 81.4          | 10.3     | 91 | 43.7          | 45.3          | 45.5 | S'W              | 0            |    | Windy night: warm: quiet morning.                                                               |
| 9     | 1002.1              | 29.592        | 83.8          | 10.9     | 80 | 50.4          | 46.4          | 45.8 | SSW              | 0            |    | Windy night and morn: overcast: mild.                                                           |
| 10    | 991.8               | 29.288        | 81.3          | 11.4     | 94 | 41.8          | 46.3          | 46.0 | S'W              | 1            |    | Wild stormy night & morning.                                                                    |
| 11    | 990.9               | 29.261        | 79.5          | 7.8      | 88 | 37.7          | 46.1          | 46.1 | ?                | 0            |    | Wild rainy night to clearing: cool quiet morn.                                                  |
| 12    | 1007.8              | 29.760        | 77.2          | 6.9      | 92 | 30.7          | 44.2          | 46.5 | S                | 0            |    | Clear night. Bright clear cool morn.                                                            |
| 13    | 982.6               | 29.016        | 82.0          | 10.4     | 82 | 44.9          | 44.1          | 46.3 | S                | 1            |    | Wild gusty rainy night: similar morning.                                                        |
| 14    | 996.8               | 29.435        | 79.7          | 8.4      | 88 | 39.1          | 44.3          | 46.2 | S'W              | 0            |    | Windy wild night: quiet night & clearing: cool morning.                                         |
| 15    | 989.1               | 29.208        | 80.5          | 8.8      | 84 | 41.0          | 44.8          | 46.3 | SSE              | 1            |    | Cloudy night: overcast: overcast morn.                                                          |
| 16    | 978.5               | 28.895        | 81.7          | 11.3     | 92 | 41.8          | 44.7          | 46.2 | SSE              | 1            |    | Wild windy night: Rain 1 <sup>hr</sup> 30: Windy rainy wild morn:                               |
| 17    | 984.7               | 29.078        | 81.3          | 10.0     | 86 | 42.0          | 45.0          | 46.2 | S?               | 0            |    | Mainly fair windy night and morn: drizzle.                                                      |
| 18    | 996.3               | 29.421        | 79.8          | 8.9      | 95 | 38.2          | 44.3          | 46.2 | S                | 0            |    | Cold clear night, cloudy later: morn mainly clear & light                                       |
| 19    | 995.7               | 29.403        | 79.0          | 9.4      | 92 | 34.9          | 43.2          | 46.2 | S'W              | 1            |    | Cold variable night: wild windy rainy morning.                                                  |
| 20    | 1006.5              | 29.722        | 78.5          | 8.6      | 87 | 34.7          | 42.6          | 46.0 | W                | 1            |    | Early night clear, later clouding: cloudy bright cold morn:                                     |
| 21    | 1005.3              | 29.686        | 81.7          | 10.0     | 85 | 44.0          | 44.0          | 46.0 | SW               | 1            |    | Rainy night. Breezy fresh morn: clouds increasing.                                              |
| 22    | 1011.2              | 29.861        | 80.2          | 8.0      | 90 | 38.6          | 45.2          | 46.0 | W                | 1            |    | Windy cloudy nt. Rain 5-8 <sup>hrs</sup> . Clear bright cool morn.                              |
| 23    | 1023.3              | 30.218        | 80.8          | 9.7      | 87 | 36.1          | 43.9          | 46.0 | SW               | 0            |    | Early nt. clear: clouding c. 23 <sup>hrs</sup> partly cloudy/dy.                                |
| 24    | 1020.0              | 30.120        | 82.0          | 10.3     | 95 | 45.8          | 45.0          | 46.0 | W                | 1            |    | Overcast night. Rain circa 7 <sup>hrs</sup> Slight drizzle.                                     |
| 25    | 1026.4              | 30.251        | 82.0          | 6.5      | 94 | 24.4          | 43.6          | 46.0 | -                | 1            |    | Clear frosty night. Clear calm cool morning.                                                    |
| 26    | 1022.5              | 30.194        | 80.8          | 11.1     | 93 | 41.9          | 43.4          | 46.0 | SSW              | 1            |    | Cloudy night. Dull overcast morn: Slight drizzle 19 <sup>hrs</sup> .                            |
| 27    | 1027.8              | 30.351        | 78.5          | 7.1      | 98 | 31.0          | 44.0          | 45.9 | -                | 1            |    | Very early morn foggy: later slightly foggy, cold, and calm.                                    |
| 28    | 1016.0              | 30.002        | 80.8          | 9.9      | 97 | 43.0          | 44.0          | 45.9 | W                | 1            |    | Partly clearing c. 22 <sup>hrs</sup> Breezy night. Cloudy morn.                                 |
| 29    | 1019.3              | 30.100        | 76.0          | 6.0      | 94 | 28.1          | 43.8          | 45.9 | NW'W             | 1            |    | Clear/partly cloudy. Slight hail showers (soft.)                                                |
| 30    | 1028.6              | 30.375        | 75.8          | 5.7      | 88 | 26.7          | 40.8          | 45.8 | N                | 1            |    | Cloudy/overcast night. Overcast morn.                                                           |
| 31    | 1014.4              | 29.955        | 78.5          | 7.6      | 87 | 33.0          | 40.6          | 45.6 | NNW              | 1            |    | Mainly overcast/cloudy. Clearing c. 18 <sup>hrs</sup> Cool clear morn.                          |



1942.

Even.

21<sup>h</sup>

Anemometer.

Clouds.

Weather.

Temp.

Total Rainfall 1942 - 33.79

December, 1942.

| Dec. | Bar.<br>mb. | Att.<br>Ther. | Dry. | Wet. | Dir. | Force. | Amount         | Form.   | At time<br>of obs. | Since<br>last obs.       | Max  | Min  |
|------|-------------|---------------|------|------|------|--------|----------------|---------|--------------------|--------------------------|------|------|
| 1    | 1002.3      | 40.6          | 35.6 | 34.9 | N    | 1      | 10             | Sc. Ao. | 0                  | 0, 1, 0, 1, 0            | 45.2 | 35.1 |
| 2    | 1007.1      | 39.4          | 35.7 | 34.5 | —    | 0      | 9 <sup>+</sup> | Sc.     | c, d <sub>0</sub>  | b, c, c, d <sub>0</sub>  | 43.6 | 31.5 |
| 3    | 1007.8      | 40.8          | 42.8 | 40.0 | SSE  | 3      | 10             | Sc.     | 0                  | 0                        | 42.9 | 34.7 |
| 4    | 988.1       | 45.8          | 48.5 | 47.8 | S'W  | 4      | 10             | Fn.     | orr                | 0, rr                    | 48.8 | 37.7 |
| 5    | 997.1       | 43.7          | 45.5 | 44.8 | W    | 1      | 10             | Sc (Fn) | od <sub>0</sub>    | c, 0                     | 49.2 | 36.9 |
| 6    | 999.3       | 51.6          | 53.2 | 52.5 | SW   | 6      | 10             | Fn.     | 0                  | 0, d <sub>0</sub>        | 53.5 | 41.9 |
| 7    | 997.7       | 50.6          | 50.5 | 47.9 | SW   | 6      | 6              | Fo.     | b                  | 0, 0, c, d <sub>0</sub>  | 55.8 | 50.0 |
| 8    | 1000.0      | 51.2          | 53.8 | 51.8 | SSW  | 6      | 9 <sup>+</sup> | Fo.     | c                  | 0, rr, c                 | 54.6 | 45.7 |
| 9    | 984.0       | 51.5          | 53.0 | 50.6 | SSW  | 7      | 9 <sup>+</sup> | Fn.     | c, r               | 0, r, c                  | 54.3 | 51.0 |
| 10   | 976.1       | 49.2          | 45.3 | 44.2 | SSW  | 6      | 10             | Fn.     | 0, rr.             | 0, rr.                   | 54.9 | 43.9 |
| 11   | 991.1       | 43.8          | 40.4 | 39.8 | SSW  | 3      | 2              | ci      | b                  | b.                       | 47.6 | 40.2 |
| 12   | 988.7       | 43.8          | 46.7 | 45.9 | E'S  | 6      | 10             | Fn: No. | 0, r <sub>0</sub>  | b, c, c, r               | 46.8 | 35.4 |
| 13   | 982.9       | 47.8          | 47.4 | 44.2 | SSW  | 5      | 6              | ci.     | b                  | 0, rr, c, d <sub>0</sub> | 53.2 | 46.2 |
| 14   | 981.3       | 48.0          | 47.1 | 46.3 | SE   | 3      | 9 <sup>+</sup> | Fat.    | c, r <sub>0</sub>  | c, r.                    | 57.9 | 41.8 |
| 15   | 979.9       | 45.8          | 45.5 | 44.0 | SSE  | 4      | 0              | —       | b                  | c, b, b                  | 50.0 | 44.7 |
| 16   | 973.6       | 46.3          | 48.0 | 45.5 | S'E  | 6      | 2              | Ac.     | b                  | c, b.                    | 53.7 | 44.4 |
| 17   | 979.6       | 46.4          | 45.8 | 45.0 | S'W  | 3      | 6              | Ac. Sc. | b                  | b, c, b.                 | 51.3 | 45.3 |
| 18   | 993.1       | 42.8          | 40.0 | 39.5 | S    | 2      | 6              | Ac. Sc. | b                  | c, d, b.                 | 47.8 | 39.7 |
| 19   | 996.1       | 40.5          | 39.9 | 38.6 | SW   | 4      | 2              | Ac. ci. | b                  | 0, c, p, d, b            | 46.5 | 37.3 |
| 20   | 986.6       | 47.4          | 50.7 | 50.0 | SSW  | 5      | 9 <sup>+</sup> | Fo. Ac. | c                  | 0, RR, r, c              | 51.0 | 38.2 |
| 21   | 990.3       | 51.2          | 53.6 | 51.6 | S    | 6      | 9              | Fo. ci. | c                  | c, 0, d <sub>0</sub>     | 54.8 | 46.0 |
| 22   | 1015.0      | 44.2          | 39.9 | 38.7 | SSW  | 2      | 6              | ci.     | b                  | b.                       | 54.8 | 39.8 |
| 23   | 1011.1      | 49.8          | 51.0 | 49.6 | S'W  | 5      | 10             | Sc.     | 0                  | c                        | 52.7 | 39.4 |
| 24   | 1015.8      | 44.6          | 40.3 | 39.8 | S'W  | 1      | 9 <sup>+</sup> | Ac. Ci. | c                  | c                        | 56.6 | 40.0 |
| 25   | 1014.9      | 43.8          | 44.7 | 43.6 | S'W  | 3      | 9 <sup>+</sup> | Sc.     | c                  | 0                        | 45.7 | 28.9 |
| 26   | 1015.1      | 48.0          | 46.0 | 45.8 | —    | 0      | 10             | Sc.     | 0, d <sub>0</sub>  | 0, c, b, c               | 52.1 | 43.7 |
| 27   | 1012.4      | 45.8          | 45.8 | 45.0 | SW   | 4      | 10             | St.     | 0                  | 0, f, d <sub>0</sub>     | 46.9 | 36.8 |
| 28   | 1013.5      | 40.6          | 37.0 | 36.5 | SW   | 2      | 6              | Sc.     | b                  | 0, p, h, c               | 46.9 | 36.1 |
| 29   | 1017.8      | 38.4          | 34.6 | 32.8 | NNW  | 2      | 9 <sup>+</sup> | Sc.     | c                  | c, d, b, h               | 38.1 | 33.0 |
| 30   | 997.7       | 39.2          | 42.8 | 42.7 | SSW  | 4      | 10             | Fn. No. | 0, r <sub>0</sub>  | 0, rr, h, r.             | 42.9 | 32.9 |
| 31   | 999.6       | 41.4          | 41.4 | 41.0 | SSW  | 1      | 10             | No.     | orr                | b, c, 0, r <sub>0</sub>  | 46.8 | 39.6 |

Total Rainfall ..... 3.84 inches

Total Sunshine ..... 28.4 hours

Max. temp. .... 56.6°F on 24th

Min. temp. .... 28.9°F on 25th

Lowest Max. temp. 38.1°F on 29th

Highest Min. temp. 51.0° on 9th

Average Max. temp. 49.7°F

Average min. temp. 39.9°F

Mean temp. for month 44.8°F

Min. grass temp. 24.4°F on 25th

Highest Bar. at M.S.L. 1028.6 mb. on 30th

Lowest Bar. at M.S.L. 969.8 mb. on 16th

Greatest Daily Rainfall 0.45 in. on 20th

Greatest Daily Sunshine 4.6 hrs. on 22nd

Weather Summary

|                        | 9 <sup>h</sup> | 24 <sup>h</sup> |
|------------------------|----------------|-----------------|
| Snow or sleet          |                |                 |
| Snow lying             |                |                 |
| Hail                   |                |                 |
| Thunder heard          |                |                 |
| Fog                    |                |                 |
| Ground frost           |                |                 |
| Gale (force 8 or more) |                |                 |
| Air frost              |                |                 |

15408 125.9

T T T



| 1942 | Corrected Barometer |              |              | Humidity |    |               |     |                  |                 |                                                                                                       |  |
|------|---------------------|--------------|--------------|----------|----|---------------|-----|------------------|-----------------|-------------------------------------------------------------------------------------------------------|--|
| Dec. | Bar.<br>mb.         | Bar.<br>(ms) | A.H.T.<br>°A | V.P.     | %  | Sun-<br>Shine | Vis | Direct<br>coming | State<br>Ground | Remarks:                                                                                              |  |
| 1    | 1012.2              | 29.888       | 77.8         | 6.4      | 94 | 0             | K   | NE?              | 1               | Rain 12-13 <sup>h</sup> overcast: slight int. rain: calm night.                                       |  |
| 2    | 1017.2              | 30.038       | 77.1         | 6.1      | 88 | 2.9           | J   | ?                | 1               | Bright morn: becoming cloudy/occ. Very slight int drizzle <sup>calm night</sup>                       |  |
| 3    | 1017.7              | 30.053       | 77.9         | 7.2      | 76 | 0             | K   | SE?              | 0               | Overcast day & night.                                                                                 |  |
| 4    | 997.2               | 29.447       | 80.7         | 11.0     | 95 | 0             | I   | SSW              | 1               | Int. rain from 16 <sup>h</sup> 30: windy from 15 <sup>h</sup> 30                                      |  |
| 5    | 1006.3              | 29.716       | 79.5         | 9.7      | 94 | 0.9           | H   | ?                | 1               | Mainly overcast day: overcast night: light drizzle at obs.                                            |  |
| 6    | 1007.9              | 29.763       | 83.9         | 13.0     | 95 | 0             | K   | SW?              | 1               | Overcast day, slight int. drizzle: windy.                                                             |  |
| 7    | 1006.1              | 29.710       | 83.4         | 10.2     | 81 | 0             | K   | SW               | 0               | Overcast, windy, slight rain: Windy clear night.                                                      |  |
| 8    | 1008.7              | 29.786       | 83.7         | 12.3     | 87 | 0             | K   | SW               | 1               | Overcast: rain 13 <sup>h</sup> -18 <sup>h</sup> Windy [Aurora seen]                                   |  |
| 9    | 992.4               | 29.306       | 83.8         | 11.5     | 84 | 0             | I   | S'W              | 1               | High wind: int rain: very gusty. Stormy night. 20 <sup>h</sup> 1                                      |  |
| 10   | 984.8               | 29.081       | 82.5         | 9.5      | 91 | 0             | I   | W                | 1               | Windy rainy day. High wind & rain at obs.                                                             |  |
| 11   | 1000.6              | 29.548       | 79.5         | 8.0      | 94 | 2.8           | K   | S?               | 1               | Bright day: sunny periods: clear cool night.                                                          |  |
| 12   | 998.0               | 29.471       | 79.6         | 10.0     | 94 | 2.3           | J   | E                | 1               | Bright sunny morning: cloudy/occ aft. <sup>n</sup> <sup>Wind rising</sup> Rain from 19 <sup>h</sup> . |  |
| 13   | 991.7               | 29.285       | 81.8         | 8.4      | 76 | 0             | K   | W                | 0               | Mainly cloudy: rainy morning: stormy, clearing c. 18 <sup>h</sup> 40                                  |  |
| 14   | 990.1               | 29.238       | 81.9         | 10.3     | 94 | 0             | J   | SSE              | 1               | Cloudy day: High wind. Rain from 20 <sup>h</sup> 30 to 23 <sup>h</sup>                                |  |
| 15   | 988.8               | 29.119       | 80.7         | 9.1      | 89 | 3.3           | K   | -                | 0               | Cloudy day: sunny period 10 <sup>h</sup> to 13 <sup>h</sup> 40 clear night.                           |  |
| 16   | 982.4               | 29.010       | 81.0         | 9.3      | 82 | 1.4           | J   | SSE?             | 0               | Mainly p. cldy. day: Fair breezy clear night: dist. lightning.                                        |  |
| 17   | 988.5               | 29.190       | 81.0         | 9.8      | 94 | 2.0           | J   | S?               | 0               | Bright day: day & night p. cloudy: <del>dist. lightning</del>                                         |  |
| 18   | 1002.6              | 29.607       | 79.0         | 8.0      | 95 | 0.6           | J   | S'W?             | 0               | Mainly cldy/partially cldy day: clear cool night.                                                     |  |
| 19   | 1006.0              | 29.707       | 77.7         | 7.4      | 87 | 0.1           | K   | W'S              | 1               | Overcast morn: partly cloudy night, later clearing: cold.                                             |  |
| 20   | 995.5               | 29.397       | 81.5         | 11.8     | 95 | 0             | J   | SW               | 1               | Cont. mod/heavy rain for greater part of day: Windy cloudy nt.                                        |  |
| 21   | 998.9               | 29.497       | 83.7         | 12.1     | 87 | 0             | K   | SSW              | 0               | Windy day. Slight drizzle. mainly cloudy: Windy night.                                                |  |
| 22   | 1024.7              | 30.260       | 79.8         | 7.5      | 89 | 4.6           | K   | W                | 0               | Bright sunny day: clear night.                                                                        |  |
| 23   | 1020.0              | 30.120       | 82.9         | 11.5     | 90 | 0             | K   | SSW              | 0               | Cloudy day: breezy. Cloudy breezy night.                                                              |  |
| 24   | 1025.5              | 30.283       | 80.0         | 8.0      | 94 | 0.7           | K   | SSW              | 1               | Mainly cloudy day. Calm cloudy night.                                                                 |  |
| 25   | 1024.4              | 30.251       | 79.6         | 9.2      | 91 | 3.1           | K   | SSW              | 0               | Bright sunny morn: cloudy aft. <sup>n</sup> Cloudy mild night.                                        |  |
| 26   | 1024.2              | 30.245       | 81.9         | 10.4     | 98 | 1.1           | I   | SSW              | 1               | Dec/cloudy. Bright periods: calm morn: slight drizzle.                                                |  |
| 27   | 1023.5              | 30.224       | 80.7         | 9.4      | 94 | 0             | I   | -?               | 1               | Foggy day: Drizzle: Dec night. Fog lifting & wind rising.                                             |  |
| 28   | 1023.5              | 30.224       | 77.8         | 7.1      | 95 | 0             | K   | W                | 1               | Dec./cloudy. Passing showers. Squally. Hail 18 <sup>h</sup> 40. Clear night.                          |  |
| 29   | 1028.1              | 30.360       | 76.5         | 5.3      | 81 | 1.7           | K   | W                | 1               | Passing light showers snow, soft hail. Bright sunny in to. <sup>nt</sup> Cloudy                       |  |
| 30   | 1007.6              | 29.754       | 77.0         | 9.2      | 98 | 0             | J   | W'S              | 1               | Rain, sleet, and snow - from 14.30 <sup>hrs</sup> Rainy day.                                          |  |
| 31   | 1009.5              | 29.810       | 78.2         | 8.6      | 97 | 0.9           | J   | W?               | 1               | Mainly cloudy day: Rain from 20 <sup>hrs</sup>                                                        |  |