

| PAGE #1   |          | Dec 2016       |        | West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz |        |                |        |        |        |           |          |               |         |         |               |          |              |         |         |      |
|-----------|----------|----------------|--------|---|--------|----------------|--------|--------|--------|-----------|----------|---------------|---------|---------|---------------|----------|--------------|---------|---------|------|
| 1         | 2        | 3              | 4      | 5   | 6      | 7              | 8      | 9      | 10     | 11        | 12       | 13            | 14      | 15      | 16            | 17       | 18           | 19      |         |      |
| Dec 2016  | Week Day | TEMPERATURE °F |        |   |        | TEMPERATURE °F |        |        |        | SKY       |          | PRECIPITATION |         |         | FROZ. PRECIP. |          | 1st PERIOD   |         |         |      |
|           |          | MAX.           | Time   | MIN.  | Time   | RANGE          | MEAN   | CHANGE | SOIL   | AM        | PM       | Liquid        | 1 Hr.   | 5 Min.  | NEW           | GROUND   | START        | END     |         |      |
| Dec-01    | Thu      | 68.2           | 0:44   | 37.3  | 23:57  | 30.9           | 52.8   | 13.3   | 56     | 0         | 0        | T             | T       | T       |               |          | 0010         | 0015    |         |      |
| Dec-02    | Fri      | 56.4           | 14:02  | 31.3  | 6:39   | 25.1           | 43.9   | -8.9   | 52     | 0         | 0        |               |         |         |               |          |              |         |         |      |
| Dec-03    | Sat      | 53.2           | 14:36  | 28.7  | 7:06   | 24.5           | 41.0   | -2.9   | 49     | 1         | 1        |               |         |         |               |          |              |         |         |      |
| Dec-04    | Sun      | 43.8           | 13:51  | 31.2  | 2:33   | 12.6           | 37.5   | -3.5   | 48     | 2         | 2        | 0.11          | 0.07    | 0.01    |               |          | 1530         | 1545    |         |      |
| Dec-05    | Mon      | 51.7           | 14:39  | 39.5  | 8:29   | 12.2           | 45.6   | 8.1    | 49     | 2         | 2        | 0.23          | 0.10    | 0.02    |               |          | 0001         | 0425    |         |      |
| Dec-06    | Tue      | 44.5           | 14:54  | 41.4  | 9:09   | 3.1            | 43.0   | -2.7   | 49     | 2         | 2        | 1.53          | 0.56    | 0.09    |               |          | 0445         | 0620    |         |      |
| Dec-07    | Wed      | 57.0           | 13:55  | 37.3  | 7:21   | 19.7           | 47.2   | 4.2    | 49     | 1         | 0        |               |         |         |               |          |              |         |         |      |
| Dec-08    | Thu      | 53.5           | 13:26  | 35.6  | 23:59  | 17.9           | 44.6   | -2.6   | 48     | 2         | 1        |               |         |         |               |          |              |         |         |      |
| Dec-09    | Fri      | 41.9           | 14:37  | 24.0  | 7:12   | 17.9           | 33.0   | -11.6  | 47     | 0         | 0        |               |         |         |               |          |              |         |         |      |
| Dec-10    | Sat      | 40.4           | 14:17  | 18.3  | 7:18   | 22.1           | 29.4   | -3.6   | 44     | 0         | 0        |               |         |         |               |          |              |         |         |      |
| Dec-11    | Sun      | 43.1           | 22:54  | 26.5  | 0:01   | 16.6           | 34.8   | 5.5    | 43     | 2         | 2        | T             | T       | T       |               |          | 2345         | 2400    |         |      |
| Dec-12    | Mon      | 58.2           | 14:43  | 41.4  | 1:01   | 16.8           | 49.8   | 15.0   | 45     | 2         | 1        | 0.48          | 0.18    | 0.03    |               |          | 0001         | 0125    |         |      |
| Dec-13    | Tue      | 49.2           | 14:51  | 38.8  | 7:25   | 10.4           | 44.0   | -5.8   | 46     | 2         | 2        | 0.01          | 0.01    | 0.01    |               |          | 1850         | 2005    |         |      |
| Dec-14    | Wed      | 49.8           | 13:00  | 34.1  | 7:20   | 15.7           | 42.0   | -2.1   | 47     | 2         | 2        |               |         |         |               |          |              |         |         |      |
| Dec-15    | Thu      | 41.2           | 0:07   | 14.3  | 23:55  | 26.9           | 27.8   | -14.2  | 46     | 0         | 0        |               |         |         |               |          |              |         |         |      |
| Dec-16    | Fri      | 29.7           | 12:27  | 13.0  | 5:13   | 16.7           | 21.4   | -6.4   | 41     | 2         | 2        |               |         |         |               |          |              |         |         |      |
| Dec-17    | Sat      | 57.3           | 16:02  | 27.7  | 6:08   | 29.6           | 42.5   | 21.2   | 41     | 2         | 1        | 0.01          | 0.01    | T       | T             | None     | 0255         | 0305    |         |      |
| Dec-18    | Sun      | 67.0           | 11:14  | 38.1  | 23:57  | 28.9           | 52.6   | 10.1   | 45     | 2         | 2        | 0.01          | 0.01    | T       |               |          | 1145         | 1155    |         |      |
| Dec-19    | Mon      | 39.9           | 14:14  | 28.9  | 23:51  | 11             | 34.4   | -18.2  | 46     | 1         | 0        |               |         |         |               |          |              |         |         |      |
| Dec-20    | Tue      | 42.6           | 14:32  | 22.4  | 7:28   | 20.2           | 32.5   | -1.9   | 44     | 0         | 0        |               |         |         |               |          |              |         |         |      |
| Dec-21    | Wed      | 54.8           | 13:49  | 22.4  | 7:04   | 32.4           | 38.6   | 6.1    | 42     | 1         | 0        |               |         |         |               |          |              |         |         |      |
| Dec-22    | Thu      | 63.0           | 14:10  | 36.9  | 23:59  | 26.1           | 50.0   | 11.4   | 42     | 0         | 0        |               |         |         |               |          |              |         |         |      |
| Dec-23    | Fri      | 50.1           | 14:36  | 24.1  | 7:16   | 26             | 37.1   | -12.9  | 42     | 2         | 2        |               |         |         |               |          |              |         |         |      |
| Dec-24    | Sat      | 51.1           | 14:31  | 39.6  | 23:59  | 11.5           | 45.4   | 8.3    | 44     | 2         | 2        | 0.53          | 0.29    | 0.02    |               |          | 0440         | 1255    |         |      |
| Dec-25    | Sun      | 48.9           | 13:13  | 32.1  | 7:23   | 16.8           | 40.5   | -4.9   | 44     | 2         | 2        |               |         |         |               |          |              |         |         |      |
| Dec-26    | Mon      | 52.3           | 15:48  | 42.5  | 7:33   | 9.8            | 47.4   | 6.9    | 46     | 2         | 2        |               |         |         |               |          |              |         |         |      |
| Dec-27    | Tue      | 66.5           | 14:44  | 47.6  | 23:58  | 18.9           | 57.1   | 9.7    | 47     | 2         | 2        |               |         |         |               |          |              |         |         |      |
| Dec-28    | Wed      | 55.4           | 14:06  | 36.8  | 7:35   | 18.6           | 46.1   | -11.0  | 47     | 0         | 0        |               |         |         |               |          |              |         |         |      |
| Dec-29    | Thu      | 59.1           | 13:41  | 35.0  | 23:34  | 24.1           | 47.1   | 1.0    | 46     | 2         | 1        | 0.20          | 0.11    | 0.02    |               |          | 0354         | 0755    |         |      |
| Dec-30    | Fri      | 46.5           | 11:48  | 27.2  | 23:49  | 19.3           | 36.9   | -10.2  | 45     | 0         | 2        |               |         |         |               |          |              |         |         |      |
| Dec-31    | Sat      | 49.4           | 13:44  | 24.1  | 6:40   | 25.3           | 36.8   | -0.1   | 42     | 0         | 2        |               |         |         |               |          |              |         |         |      |
| TOTAL     |          | 1586           |        | 978   |        | 607.6          | 1281.9 | -2.7   | 1422   | 38        | 35       | 3.11          | 1.34    | 0.20    | T             | 0        | Col.26-27    |         |         |      |
| NUMBER    |          | 31             | 31     | 31  | 31     | 31             | 31     | 31     | 31     | 31        | 31       | 9             | 9       | 7       | 0             | 0        | DAILY AVE RH |         |         |      |
| AVERAGE   |          | 51.15          | 13:27  | 31.55   | 12:01  | 19.60          | 41.35  |        | 45.87  | 1.23      | 1.13     | Ave. Tot.     | Ave.Max | Ave.Max | Ave.Tot.      | Ave.Days | 67.34        | Percent |         |      |
| Normals   |          | 52.64          |        | 33.28   |        | 19.37          | 42.96  |        | 47.2   | 1.10      | 1.17     | 4.72          | 0.91    | 0.10    | 5.2           | 2.3      | 71.3         | Percent |         |      |
| EPARTURES |          | -1.49          |        | -1.72   |        | 0.23           | -1.61  |        | -1.3   | 0.13      | -0.04    | -1.61         | 0.43    | 0.10    | -5.2          | -2.3     | -4.0         | Percent |         |      |
| Max ≥70°F |          | 68.2           |        | 47.6  |        | 32.4           | 57.1   | 21.2   | 56     | Whole Day |          | 1.53          | 0.56    | 0.09    | T             | 0.0      | Precip       | 24 Hr.  |         |      |
| 0 DAYS    |          | 1              | Dec-01 |   | Dec-27 |                | Dec-21 | Dec-27 | Dec-17 | Dec-01    | AVERAGE  | 1.18          |         |         |               |          | Amount       | 1.53    |         |      |
| Departure |          | 2              |        |   |        |                |        |        |        |           | NORMAL   | 0.00          |         |         |               |          | Date         | Dec. 06 |         |      |
| 2.0       |          | 3              |        |   |        |                |        |        |        |           | DEPART.  | 1.18          |         |         |               |          | Date         |         |         |      |
| MINIMUM   |          | 29.7           |        | 13  |        | 3.1            | 21.4   | -18.2  | 41     | SKY       |          | AM            | PM      | ≥ 0.10  | INCHES        | ≥ 1.00   | INCHES       | ≥ 2.00  | INCHES  |      |
| MIN ≥32°F |          | 1              | Dec-16 |   | Dec-16 |                | Dec-06 | Dec-16 | Dec-19 | Dec-16    | CLEAR    | 10            | 11      | 6       | DAYS          | 1        | DAYS         | 0       | DAYS    |      |
| 15        |          | 2              |        |   |        |                |        |        |        |           | PT. CLO. | 4             | 5       | HOTTEST |               | 57.1     | Highest      | Lowest  | COOLEST | 21.4 |
| DAYS      |          | 3              |        |   |        |                |        |        |        |           | CLOUDY   | 17            | 15      | DAY     | 12-27         | Mean     | Mean         | DAY     | 12-16   |      |
| Departure |          | ≤ 32°F         | 1      | ≤32°F   | 16     | MAX.           | ≥ 80   | ≥ 75   | ≥ 70   | ≥ 65      | ≥ 60     | ≥ 55          | ≥ 50    | ≥ 45    | ≥ 40          | ≥ 35     | ≥ 30         | ≥ 25    | ≥ 20    |      |
| -1.8      |          | ≥90°F          | 0      | ≥70°F   | 0      | DAYS           | 0      | 0      | 0      | 3         | 4        | 11            | 18      | 23      | 30            | 30       | 30           | 31      | 31      |      |

| Dec 2016             | 2nd PERIOD    |        | WIND   |        |       | REL. HUMIDITY |        | BAROMETRIC PRESSURE |        |        |         | GLAZE                   | SLEET | SNOW | FOG  | K       | DEW | FROST |
|----------------------|---------------|--------|--------|--------|-------|---------------|--------|---------------------|--------|--------|---------|-------------------------|-------|------|------|---------|-----|-------|
|                      | START         | END    | RUN    | MAX.   | TIME  | MAX.          | MIN.   | MAX.                | MIN.   | AVE.   | CHANGE  |                         |       |      |      |         |     |       |
| Dec-01               |               |        | 49.2   | 24     | 1:21  | 94            | 38     | 30.01               | 29.59  | 29.80  | 0.04    |                         |       |      |      |         | P   |       |
| Dec-02               |               |        | 25.2   | 15     | 13:05 | 95            | 38     | 30.20               | 30.00  | 30.10  | 0.30    |                         |       |      |      |         |     | 3     |
| Dec-03               |               |        | 30.2   | 14     | 20:10 | 91            | 45     | 30.32               | 30.18  | 30.25  | 0.15    |                         |       |      |      |         |     | 4     |
| Dec-04               | 1800          | 2400   | 7.8    | 7      | 4:37  | 89            | 62     | 30.33               | 30.09  | 30.21  | -0.04   |                         |       |      |      |         | 2   | 2     |
| Dec-05               |               |        | 12.4   | 9      | 1:25  | 98            | 75     | 30.13               | 30.00  | 30.07  | -0.15   |                         |       |      |      |         | P   |       |
| Dec-06               | 0650          | 2055   | 73.9   | 22     | 17:10 | 100           | 86     | 30.13               | 29.73  | 29.93  | -0.13   |                         |       |      |      |         | P   |       |
| Dec-07               |               |        | 19.3   | 11     | 11:27 | 99            | 52     | 30.10               | 29.85  | 29.98  | 0.05    |                         |       |      |      |         | P   |       |
| Dec-08               |               |        | 37.9   | 19     | 14:28 | 95            | 30     | 30.22               | 30.02  | 30.12  | 0.14    |                         |       |      |      |         | 3   |       |
| Dec-09               |               |        | 46.0   | 16     | 12:16 | 73            | 33     | 30.49               | 30.21  | 30.35  | 0.23    |                         |       |      |      |         |     | 1     |
| Dec-10               |               |        | 21.1   | 12     | 11:53 | 87            | 34     | 30.57               | 30.46  | 30.52  | 0.16    |                         |       |      |      |         |     | 4     |
| Dec-11               |               |        | 42.0   | 15     | 20:06 | 69            | 41     | 30.58               | 30.16  | 30.37  | -0.15   |                         |       |      |      |         |     | 1     |
| Dec-12               | 0600          | 1240   | 78.0   | 26     | 7:21  | 100           | 56     | 30.16               | 29.87  | 30.02  | -0.35   |                         |       |      |      |         | P   |       |
| Dec-13               |               |        | 20.7   | 10     | 11:11 | 99            | 68     | 30.22               | 30.01  | 30.12  | 0.10    |                         |       |      |      |         | 4   |       |
| Dec-14               |               |        | 32.9   | 12     | 10:09 | 98            | 55     | 30.16               | 29.98  | 30.07  | -0.05   |                         |       |      |      |         | 3   |       |
| Dec-15               |               |        | 86.8   | 31     | 7:11  | 78            | 20     | 30.43               | 29.91  | 30.17  | 0.10    |                         |       |      |      |         |     | N     |
| Dec-16               |               |        | 15.2   | 13     | 19:14 | 65            | 24     | 30.58               | 30.33  | 30.46  | 0.28    |                         |       |      |      |         |     | 2     |
| Dec-17               | 0530          | 0625   | 120.7  | 28     | 22:15 | 94            | 35     | 30.34               | 29.95  | 30.15  | -0.31   | 1                       | 1     |      |      |         |     | P     |
| Dec-18               | 1545          | 1835   | 166.5  | 33     | 9:24  | 95            | 65     | 30.49               | 29.89  | 30.19  | 0.04    |                         |       |      |      |         | 3   |       |
| Dec-19               |               |        | 113.4  | 23     | 0:29  | 72            | 42     | 30.70               | 30.48  | 30.59  | 0.40    |                         |       |      |      |         | N   |       |
| Dec-20               |               |        | 28.0   | 9      | 1:47  | 85            | 41     | 30.65               | 30.24  | 30.45  | -0.15   |                         |       |      |      |         |     | 3     |
| Dec-21               |               |        | 9.6    | 10     | 23:42 | 92            | 23     | 30.31               | 30.19  | 30.25  | -0.20   |                         |       |      |      |         |     | 5     |
| Dec-22               |               |        | 107.6  | 25     | 18:15 | 62            | 27     | 30.38               | 29.99  | 30.19  | -0.07   |                         |       |      |      |         | N   |       |
| Dec-23               |               |        | 15.4   | 10     | 21:40 | 93            | 39     | 30.57               | 30.37  | 30.47  | 0.29    |                         |       |      |      |         |     | 4     |
| Dec-24               |               |        | 43.7   | 17     | 10:21 | 99            | 58     | 30.40               | 30.17  | 30.29  | -0.18   |                         |       |      | 1    |         | P   |       |
| Dec-25               |               |        | 13.8   | 14     | 11:38 | 100           | 74     | 30.63               | 30.34  | 30.49  | 0.20    |                         |       |      | 2    |         | 3   | 3     |
| Dec-26               |               |        | 27.3   | 16     | 23:32 | 88            | 70     | 30.64               | 30.25  | 30.45  | -0.04   |                         |       |      |      |         | N   |       |
| Dec-27               |               |        | 137.9  | 30     | 6:07  | 96            | 66     | 30.26               | 29.92  | 30.09  | -0.35   |                         |       |      |      |         | N   |       |
| Dec-28               |               |        | 25.2   | 12     | 9:47  | 84            | 38     | 30.22               | 30.01  | 30.12  | 0.02    |                         |       |      |      |         | 2   |       |
| Dec-29               | 1408          | 1417   | 72.7   | 24     | 14:12 | 98            | 33     | 30.08               | 29.64  | 29.86  | -0.26   |                         |       |      |      |         | P   |       |
| Dec-30               |               |        | 61.8   | 20     | 12:00 | 73            | 34     | 30.19               | 29.80  | 30.00  | 0.14    |                         |       |      |      |         | N   |       |
| Dec-31               |               |        | 119.6  | 32     | 12:23 | 81            | 31     | 30.23               | 30.04  | 30.14  | 0.14    |                         |       |      |      |         |     | 3     |
| TOTAL NUMBER AVERAGE | Column 23     |        | 1661.8 | 559    |       | 2742          | 1433   | 940.72              | 931.67 | 936.20 | TOTAL   | 1                       | 1     | 0    | 2    | 0       | 7   | 12    |
|                      | Max. Wind Run |        | 31     | 31     | 31    | 31            | 31     | 31                  | 31     | 31     | Normal  | 0.4                     | 1.0   | 1.8  | 3.5  | 0.5     | 4.3 | 10.3  |
| Normals              | Total Miles   | 1661.8 | 53.61  | 18.03  | 12:16 | 88.45         | 46.23  | 30.35               | 30.05  | 30.20  | Depart. | 0.6                     | 0.0   | -1.8 | -1.5 | -0.5    | 2.8 | 1.8   |
| DEPARTURES           | Miles         | 1538.2 | 49.9   | 17.6   |       | 91.2          | 51.3   | 30.24               | 29.98  | 30.10  | DAYS    |                         |       |      |      |         |     |       |
| MAXIMUM DATES        | Dates         | 123.6  | 1611.9 | 0.5    |       | -2.8          | -5.1   | 0.11                | 0.08   | 0.10   | OF ►    |                         |       |      |      |         |     |       |
|                      |               | 1      | 166.5  | 33     | NNE   | 100           | 86     | 30.70               | 30.48  | 30.59  | 0.40    |                         |       |      |      |         |     |       |
|                      |               | 2      | Dec-18 | Dec-18 | 9:24  | Dec-06        | Dec-06 | Dec-19              | Dec-19 | Dec-19 | Dec-19  | 5. Very Heavy           |       |      |      | N- None |     |       |
|                      |               | 3      |        |        |       | Dec-12        |        |                     |        |        |         | Heavy-Unusual           |       |      |      |         |     |       |
|                      |               | 4      |        |        |       | Dec-25        |        |                     |        |        |         | Moderate - Ave.         |       |      |      |         |     |       |
| MINIMUM DATES        | Dates         |        | 7.8    | 7      |       | 62            | 20     | 30.01               | 29.59  | 29.80  | -0.35   | Slight - < Ave.         |       |      |      |         |     |       |
|                      |               | 1      | Dec-04 | Dec-04 |       | Dec-22        | Dec-15 | Dec-01              | Dec-01 | Dec-01 | Dec-12  | Slight - Slight - Trace |       |      |      |         |     |       |
|                      |               | 2      |        |        |       |               |        |                     |        |        | Dec-27  | with intensity missing  |       |      |      |         |     |       |
|                      |               |        |        |        |       |               |        |                     |        |        |         | during Dew Observation  |       |      |      |         |     |       |
| MIN. DAYS            |               | ≤ 75   | ≤ 70   | ≤ 65   | ≤ 60  | ≤ 55          | ≤ 50   | ≤ 45                | ≤ 40   | ≤ 35   | ≤ 30    | ≤ 25                    | ≤ 20  | ≤ 15 | ≤ 10 | ≤ 5     | ≤ 0 |       |
|                      |               | 31     | 31     | 31     | 31    | 31            | 31     | 30                  | 27     | 18     | 13      | 8                       | 3     | 2    | 0    | 0       | 0   |       |

## REMARKS FOR THE MONTH

December - 2016

|               |  |
|---------------|--|
| <b>Dec-01</b> | ALMOST TOTAL SUN WITH A 68°F MAX. - A BEAUTIFUL START TO DEC.  |
| <b>Dec-02</b> | COOLER BUT A VERY CLEAR SUNNY DAY  |
| <b>Dec-03</b> | AM HAD SUNLIGHT THROUGH CIRRUS AM EST. COVERAGE 60%-PM WAS CLEAR FROM 1300-1530 THEN CLOUDS INCREASED TO DARKNESS-PM. EST. 45-55% CLOUDY                                 |
| <b>Dec-04</b> | VERY COLD DAY COMPARED TO RECENT CONDITIONS-ONLY AN AVERAGE NOW OF 5-10% OF FOLIAGE ON TREES   |
| <b>Dec-05</b> | CLEARING STARTED AT 1315 AND CLEAR BY 1345 THEN CIRRUS CLOUDS AGAIN BY 1520-PM EST. 70-80% CLOUDY  |
| <b>Dec-06</b> | AN ALL DAY RAIN THE HEAVIEST SINCE October 8, 2016 -CHERRY TREES SEEN BLOOMING IN APPROX. 5 DIFFERENT LOCATIONS  |
| <b>Dec-07</b> | CIRRUS IN AM AND ALSO ALTOCUMULUS-AM EST. 40-50% CLOUDY-PM CUMULUS AND CIRRUS BUT MOSTLY CLEAR TO 1315 AND TOTALLY CLOUDY 1445-1615-PM EST. 20-30% CLOUDY                |
| <b>Dec-08</b> | CLOUDY NIGHT REDUCED DEW-CLEARING STARTED AT 1130-PM HAD MANY CIRRUS AND CLOUDS EST. 60-65%  |
| <b>Dec-09</b> | AM VERY CLEAR - PM A FEW STRATOCUMULUS-PM EST. 20-30% CLOUDY-LIGHT FROST BECAUSE OF BREEZE   |
| <b>Dec-10</b> | COLDEST AM SINCE FEB. 14, 2016 WHEN IT WAS 8.2°F -A VERY CLEAR BUT COLD DAY  |
| <b>Dec-11</b> | CLOUDS AND LOW REL. HUMIDITY-LITTLE FROST-AM WITH SUN THROUGH THIN CIRRUS CLOUDS UNTIL 1115-EST. 65-75% CLOUDY   |
| <b>Dec-12</b> | AM RAIN AND QUICK PM CLEARING STARTED AT 1345 AND PM EST. 55% CLOUDY   |
| <b>Dec-13</b> | CLOUDY ALL DAY EXCEPT FOR A FEW BREAKS IN CLOUDS   |
| <b>Dec-14</b> | DECK WET FROM SHOWER YESTERDAY EVENING-DEW AMT. DETERMINED FROM SKY MIRROR-SOME AM SUN THROUGH CIRRUS AND IN AFTERNOON CIRROSTRATUS BECAME ALTOSTRATUS BY 1600           |
| <b>Dec-15</b> | ARCTIC COLD FRONT CAME IN AT 0600 AS DEW POINT DROPPED RAPIDLY-MIN. DEW POINT -7.3°F AT 1515   |
| <b>Dec-16</b> | FROST ONLY ON GRASS NOT ON SKY MIRROR-LITTLE SUN THROUGH AM CLOUDS   |
| <b>Dec-17</b> | FREEZING RAIN FROM 0725-0730 THEN RAIN FROM 1105-1125 AND 1210-1220-CLEARING AT 1345-PM EST. 40-50% CLOUDY-TRACE OF SLEET WAS OF THE SMALLEST AMT. DISCERNIBLE           |
| <b>Dec-18</b> | COLD FRONT PASSED AT 1640-GREAT WARM-UP OF 28 DEGREES IN 24 HRS. BY 0700-WARM MOIST AIR OVER COLD ROADS GAVE SO MUCH CONDENSATION THAT SMALL PUDDLES FORMED IN SOME      |
| <b>Dec-19</b> | AM REL. HUMIDITY 60% AND WITH BREEZE THERE WAS NO DEW-HIGHEST BAROMETER SINCE DEC. 5, 2015 WHEN IT WAS 30.75 INCHES-CLEARING TO CIRRUS BY 0930 AND VERY CLEAR AFTER 1100 |
| <b>Dec-20</b> | NO CLOUDS TODAY AND LITTLE WIND BUT COLD FOR DEC.  |
| <b>Dec-21</b> | VERY HEAVY FROST-A THIN LAYER OF CIRRUS EARLY BUT PM WAS MOSTLY CLEAR  |
| <b>Dec-22</b> | NO FROST BECAUSE OF AM WIND-AM A LITTLE CIRRUS FROM 0915-1100 BUT MOSTLY CLEAR   |
| <b>Dec-23</b> | A COLD FRONT PASSED AT 0620 AND CLOUDS FOR MOST OF DAY WITH MAINLY ALTOCUMULUS   |
| <b>Dec-24</b> | AM RAIN AND AFTER DARK A LIGHT FOG   |
| <b>Dec-25</b> | AM FOG ONLY TO WEST OF WHICH WE WERE ON EASTERN EDGE WHICH WAS RATED MODERATE-AM FROST ON ROOFS AND GROUND-MAX. FOG WAS AT 0745  |
| <b>Dec-26</b> | LOW AM REL. HUMIDITY AT 86% AND CLOUDY YIELDED NO DEW-CLOUDY ALL DAY WITH A LITTLE ABOVE AVERAGE TEMPS.  |
| <b>Dec-27</b> | CLOUDY AND WINDY-NO DEW-VERY WARM FOR DEC. BUT CLOUDY ALL DAY  |
| <b>Dec-28</b> | WEAK COLD FRONT PASSED AT 0600-ONLY A FEW CIRRUS FROM 1100-1230 BUT THE DAY WAS MOSTLY CLEAR   |
| <b>Dec-29</b> | CLEARING STARTED AT 1130 AND TOTALLY CLEAR BY NOON THEN CLOUDED UP WITH FRONTAL PASSAGE BET. 1400-1500 THEN MOSTLY CLEAR AGAIN   |
| <b>Dec-30</b> | NO DEW BECAUSE OF AM WIND-CLEAR BUT COLD DAY-CLOUDS CAME IN AT 1100 AND STRATOCUMULUS BY 1130 THEN CLEARING SOME BY 1615   |
| <b>Dec-31</b> | THE AM WAS ABOUT 30% CLOUDY AND THE PM WAS ABOUT 80 TO 90% CLOUDY.   |

DATE

EXTENSION OF LENGTHY DAILY REMARKS

**Dec-18** ROADS IN EARLY MORNING BEFORE ANY RAIN OCCURRED-THERE WERE 2 SPRINKLES LATER FROM 1325-1330 AND 1450-1455

ONLY A TRACE OF SLEET ON THE 17TH NO SNOW-

The link below explains how observations are taken at the Glen Allen Weather Station - Note the Numbers match the column numbers on the Observation Sheet

[www.glenallenweather.com/upload/glenallenclimate/log/2016/2016 Obs Rules.pdf](http://www.glenallenweather.com/upload/glenallenclimate/log/2016/2016%20Obs%20Rules.pdf)

