

# 2006 THE RICHMOND INTERNATIONAL AIRPORT - HENRICO COUNTY, VIRGINIA

| Month   | TEMPERATURE, AVERAGES, AND DEPARTURES |        |      |         |        |      |           |       |      | MEAN TEMPS (High & Low)            |      |                  |                  |                  |      | MAX. TEMPS (High & Low) |                  |                  |                  |      |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|---|---------------------------------------|--------|------|---------|--------|------|-----------|-------|------|------------------------------------|------|------------------|------------------|------------------|------|-------------------------|------------------|------------------|------------------|------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 2006  | B                                     | C      | D    | E       | F      | G    | H         | I     | J    | K                                  | M    |                  |                  |                  |      | N                       | O                |                  |                  |      |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 1   | 2                                     | 3      | 4    | 5       | 6      | 7    | 8         | 9     | 10   | 11                                 | 12   |                  |                  |                  |      | 13                      | 14               |                  |                  |      |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 2006  | MAX.                                  | 30 YR  | DEP. | MIN.    | 30 YR  | DEP. | MEAN      | 30 YR | DEP. | HIGH                               | MEAN | 1st Date of Mean | 2nd Date of Mean | 3rd Date of Mean | LOW  | MEAN                    | 1st Date of Mean | 2nd Date of Mean | 3rd Date of Mean | HIGH | 1st Date of Max. | 2nd Date of Max. | 3rd Date of Max. | LOW              | MAX.             | 1st Date of Min. | 2nd Date of Min. | 3rd Date of Min. |                  |
| PAGE  | AVE.                                  | YEAR   | OF   | AVE.    | YEAR   | OF   | AVE.      | YEAR  | OF   | MEAN                               | Deg  | 1st Date of Mean | 2nd Date of Mean | 3rd Date of Mean | MEAN | Deg                     | 1st Date of Mean | 2nd Date of Mean | 3rd Date of Mean | MAX. | Deg              | 1st Date of Max. | 2nd Date of Max. | 3rd Date of Max. | MAX.             | Deg              | 1st Date of Min. | 2nd Date of Min. | 3rd Date of Min. |
| 1   | Deg                                   | AVE.   | AVE. | Deg     | AVE.   | AVE. | Deg       | AVE.  | AVE. | Deg                                | ° F  | 1st Date of Mean | 2nd Date of Mean | 3rd Date of Mean | Deg  | ° F                     | 1st Date of Mean | 2nd Date of Mean | 3rd Date of Mean | ° F  | 1st Date of Max. | 2nd Date of Max. | 3rd Date of Max. | ° F              | 1st Date of Min. | 2nd Date of Min. | 3rd Date of Min. |                  |                  |
| MONTH   | ° F                                   | ° F    | ° F  | ° F     | ° F    | ° F  | ° F       | ° F   | ° F  | ° F                                | ° F  | 1st Date of Mean | 2nd Date of Mean | 3rd Date of Mean | ° F  | ° F                     | 1st Date of Mean | 2nd Date of Mean | 3rd Date of Mean | ° F  | 1st Date of Max. | 2nd Date of Max. | 3rd Date of Max. | ° F              | 1st Date of Min. | 2nd Date of Min. | 3rd Date of Min. |                  |                  |
| JAN.  | 55.39                                 | 47.4   | 8.0  | 34.68   | 28.3   | 6.4  | 45.03     | 37.9  | 7.1  | 57.0                               | 9    |                  |                  | 30.5             | 07   |                         |                  |                  | 69               | 9    |                  |                  | 41               | 07               |                  |                  |                  |                  |                  |
| FEB.  | 51.07                                 | 51.3   | -0.2 | 29.46   | 30.5   | -1.0 | 40.27     | 40.9  | -0.6 | 57.0                               | 3    |                  |                  | 22.5             | 19   |                         |                  |                  | 70               | 16   |                  |                  | 31               | 19               |                  |                  |                  |                  |                  |
| MAR.  | 61.90                                 | 60.0   | 1.9  | 37.65   | 37.1   | 0.5  | 49.77     | 48.6  | 1.2  | 72.0                               | 10   |                  |                  | 38.5             | 21   |                         |                  |                  | 86               | 12   |                  |                  | 45               | 21               |                  |                  |                  |                  |                  |
| APR.  | 72.83                                 | 70.3   | 2.5  | 47.47   | 46.1   | 1.4  | 60.15     | 58.2  | 2.0  | 72.5                               | 15   |                  |                  | 47.5             | 09   |                         |                  |                  | 88               | 15   |                  |                  | 58               | 26               |                  |                  |                  |                  |                  |
| MAY   | 77.48                                 | 77.9   | -0.4 | 53.29   | 55.0   | -1.7 | 65.39     | 66.4  | -1.0 | 80.5                               | 26   |                  |                  | 51.0             | 08   |                         |                  |                  | 94               | 30   |                  |                  | 54               | 08               |                  |                  |                  |                  |                  |
| JUN.  | 84.67                                 | 86.1   | -1.4 | 65.13   | 64.5   | 0.6  | 74.90     | 75.3  | -0.4 | 83.0                               | 22   |                  |                  | 61.5             | 12   |                         |                  |                  | 96               | 22   |                  |                  | 68               | 12               |                  |                  |                  |                  |                  |
| JUL.  | 91.45                                 | 89.7   | 1.8  | 71.48   | 68.9   | 2.6  | 81.47     | 79.3  | 2.2  | 87.0                               | 29   |                  |                  | 73.0             | 07   |                         |                  |                  | 99               | 17   | 18               |                  | 81               | 06               |                  |                  |                  |                  |                  |
| AUG.  | 90.90                                 | 87.6   | 3.3  | 70.39   | 67.4   | 3.0  | 80.65     | 77.5  | 3.1  | 90.5                               | 3    |                  |                  | 70.5             | 31   |                         |                  |                  | 102              | 3    |                  |                  | 74               | 31               |                  |                  |                  |                  |                  |
| SEP.  | 78.73                                 | 81.2   | -2.5 | 61.10   | 60.1   | 1.0  | 69.92     | 70.6  | -0.7 | 79.5                               | 24   |                  |                  | 60.5             | 30   |                         |                  |                  | 89               | 24   |                  |                  | 70               | 13               |                  |                  |                  |                  |                  |
| OCT.  | 70.35                                 | 71.0   | -0.6 | 49.16   | 48.3   | 0.9  | 59.76     | 59.7  | 0.1  | 73.0                               | 4    |                  |                  | 46.5             | 24   |                         |                  |                  | 87               | 4    |                  |                  | 56               | 24               |                  |                  |                  |                  |                  |
| NOV.  | 63.33                                 | 61.4   | 1.9  | 43.97   | 39.4   | 4.6  | 53.65     | 50.4  | 3.3  | 67.0                               | 11   |                  |                  | 40.0             | 04   |                         |                  |                  | 79               | 11   |                  |                  | 47               | 22               |                  |                  |                  |                  |                  |
| DEC.  | 58.55                                 | 50.7   | 7.8  | 35.97   | 31.4   | 4.6  | 47.26     | 41.0  | 6.3  | 68.0                               | 1    |                  |                  | 29.5             | 08   |                         |                  |                  | 77               | 1    |                  |                  | 37               | 08               |                  |                  |                  |                  |                  |
| TOTAL   | 856.67                                | 834.60 | 22.1 | 599.74  | 577.00 | 22.7 | 728.21    | 705.8 | 22.4 | 887.0                              |      |                  |                  | 571.5            |      |                         |                  |                  | 1036             |      |                  |                  | 662              |                  |                  |                  |                  |                  |                  |
| NUM.  | 12                                    | 12     | 12   | 12      | 12     | 12   | 12        | 12.0  | 12   | 12                                 |      |                  |                  | 12               |      |                         |                  |                  | 12               |      |                  |                  | 12               |                  |                  |                  |                  |                  |                  |
| AVE.  | 71.4                                  | 69.6   | 1.8  | 50.0    | 48.1   | 1.9  | 60.7      | 58.9  | 1.9  | 73.92                              |      |                  |                  | 47.63            |      |                         |                  |                  | 86.33            |      |                  |                  | 55.2             |                  |                  |                  |                  |                  |                  |
| MAX.  | 91.45                                 | 89.70  | 8.0  | 71.48   | 68.90  | 6.4  | 81.47     | 79.3  | 7.1  | 90.5                               |      |                  |                  | 73.0             |      |                         |                  |                  | 102              |      |                  |                  | 81               |                  |                  |                  |                  |                  |                  |
| MIN.  | 51.07                                 | 47.4   | -2.5 | 29.46   | 28.30  | -1.7 | 40.27     | 37.9  | -1.0 | 57.0                               |      |                  |                  | 22.5             |      |                         |                  |                  | 69               |      |                  |                  | 31.0             |                  |                  |                  |                  |                  |                  |
| Up to 3 dates for multiple occurrences in one month |                                       |        |      |         |        |      |           |       |      |                                    |      |                  |                  |                  |      |                         |                  |                  |                  |      |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|   | MAXIMUM                               |        |      | MINIMUM |        |      | DEPARTURE |       |      | 30 Yr. AVERAGE OR NORMAL 1980-2010 |      |                  |                  |                  |      |                         |                  |                  |                  |      |                  |                  |                  |                  |                  |                  |                  |                  |                  |

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| MIN. TEMPS (High & Low)                             |      |                     |    |         |        |       |      | TEMPERATURE RANGES |    |         |       |                                    |         |        |        | TEMPERATURE (SELECTED) |        |        |        |         | PRECIPITATION DEP. |        |       |      |
|---|------|---------------------|----|---------|--------|-------|------|--------------------|----|---------|-------|------------------------------------|---------|--------|--------|------------------------|--------|--------|--------|---------|--------------------|--------|-------|------|
| Month   | P    |                     |    | Q       |        |       | R    |                    | S  |         |       | T                                  | U       | V      | W      | X                      | Y      | Z      | AA     | AB      | AC                 | AD     |       |      |
| 15  | 16   |                     |    | 17      |        |       | 18   |                    | 19 |         |       | 20                                 | 21      | 22     | 23     | 24                     | 25     | 26     | 27     | 28      | 29                 | 30     |       |      |
| 2006  | HIGH | MIN.                |    | LOW     |        | TEMP. |      | TEMP.              |    | Monthly |       | Long                               | DEP.    | # DAYS | # DAYS | # DAYS                 | # DAYS | # DAYS | PRECIP | 30 YR   | PRECIP.            |        |       |      |
| PAGE  | MIN. | 1st Date of H. Min. |    | MIN.    |        | MAX   |      | MIN.               |    | AVE.    |       | Term                               | OF AVE. | >=90   | <=32   | >=70                   | >=70   | <=32   | FOR    | YEARS   | FOR                |        |       |      |
| 2   | Deg  | 2ndDate of H. Min.  |    | Deg     |        | RANGE |      | RANGE              |    | RANGE   |       | Ave.                               | RANGE   | MAX.   | MAX.   | MAX.                   | MIN.   | MIN.   | MONTH  | PRECIP. | MONTH              |        |       |      |
| MONTH   | ° F  | 3rd Date of H. Min. |    | ° F     |        | Deg   |      | Deg                |    | Deg     |       | Range                              | DEP.    | Deg    | Deg    | Deg                    | Deg    | Deg    | TOTAL  | AVE.    | DEP.               |        |       |      |
|   | ° F  |                     |    | ° F     |        | ° F   |      | ° F                |    | ° F     |       | F                                  | F       | F      | F      | F                      | F      | ° F    | ° F    | INCHES  | INCHES             | INCHES |       |      |
| JAN.  | 45   | 09                  | 13 | 20      | 07     |       | 36   | 18                 |    | 4       | 3     |                                    | 20.7    | 19.0   | 1.8    | 0                      | 0      | 0      | 0      | 12      | 2.89               | 3.04   | -0.15 |      |
| FEB.  | 46   | 03                  |    | 14      | 19     |       | 37   | 25                 |    | 7       | 11    |                                    | 21.6    | 20.2   | 1.4    | 0                      | 1      | 1      | 0      | 20      | 1.47               | 2.76   | -1.29 |      |
| MAR.  | 63   | 10                  |    | 24      | 19     |       | 42   | 02                 |    | 9       | 6     |                                    | 24.3    | 22.0   | 2.3    | 0                      | 0      | 9      | 0      | 10      | 0.20               | 4.04   | -3.84 |      |
| APR.  | 59   | 21                  | 22 | 32      | 10     |       | 38   | 20                 |    | 6       | 22    |                                    | 25.4    | 23.6   | 1.8    | 0                      | 0      | 18     | 0      | 1       | 2.18               | 3.27   | -1.09 |      |
| MAY   | 70   | 26                  | 31 | 39      | 02     |       | 40   | 02                 |    | 6       | 8     |                                    | 24.2    | 22.5   | 1.7    | 3                      | 0      | 27     | 2      | 0       | 3.24               | 3.78   | -0.54 |      |
| JUN.  | 74   | 25                  | 28 | 55      | 12     | 13    | 28   | 04                 |    | 6       | 14    |                                    | 19.5    | 21.2   | -1.7   | 9                      | 0      | 29     | 8      | 0       | 7.85               | 3.93   | 3.92  |      |
| JUL.  | 79   | 29                  |    | 63      | 07     | 08    | 26   | 02                 | 18 | 13      | 6     | 14                                 | 23      | 20.0   | 20.0   | -0.1                   | 21     | 0      | 31     | 23      | 0                  | 4.57   | 4.51  | 0.06 |
| AUG.  | 79   | 03                  |    | 60      | 13     |       | 28   | 26                 |    | 7       | 31    |                                    | 20.5    | 19.6   | 0.9    | 19                     | 0      | 31     | 16     | 0       | 5.99               | 4.66   | 1.33  |      |
| SEP.  | 70   | 04                  | 24 | 48      | 30     |       | 26   | 26                 |    | 4       | 4     |                                    | 17.6    | 20.5   | -2.8   | 0                      | 0      | 30     | 2      | 0       | 9.52               | 4.13   | 5.39  |      |
| OCT.  | 64   | 05                  |    | 36      | 25     | 26    | 34   | 30                 |    | 7       | 7     |                                    | 21.2    | 22.3   | -1.1   | 0                      | 0      | 16     | 0      | 0       | 6.12               | 2.98   | 3.14  |      |
| NOV.  | 61   | 08                  |    | 30      | 04     |       | 29   | 10                 |    | 5       | 22    |                                    | 19.4    | 21.6   | -2.3   | 0                      | 0      | 7      | 0      | 2       | 6.67               | 3.24   | 3.43  |      |
| DEC.  | 59   | 01                  |    | 18      | 09     |       | 35   | 10                 |    | 9       | 3     |                                    | 22.6    | 19.0   | 3.6    | 0                      | 0      | 3      | 0      | 12      | 1.42               | 3.26   | -1.84 |      |
| TOTAL   | 769  |                     |    | 439     |        |       | 399  |                    |    | 83      |       |                                    | 257     | 251    | 6      | 52                     | 1      | 202    | 51     | 57      | 52.12              | 43.60  | 8.52  |      |
| NUM.  | 12   |                     |    | 12      |        |       | 12   |                    |    | 12      |       |                                    | 12      | 12     | 12     | 12                     | 12     | 12     | 12     | 12      | 12                 | 12     | 12    |      |
| AVE.  |      |                     |    |         |        |       | 33.3 |                    |    | 6.9     |       |                                    | 21.4    | 20.9   | 0.5    |                        |        |        |        |         |                    |        |       |      |
| MAX.  | 79   | AUG-3               |    | 63      |        |       | 42   | MAR-2              |    | 13      |       |                                    | 25.4    | 23.6   | 3.6    | 21                     | 1      | 31     | 23     | 20      | 9.52               | 4.66   | 5.39  |      |
| MIN.  | 45   |                     |    | 14      | FEB-19 |       | 26   |                    |    | 4       | SEP-4 |                                    | 17.6    | 19.0   | -2.8   | 0                      | 0      | 0      | 0      | 0       | 0.20               | 2.76   | -3.84 |      |
| Up to 3 dates for multiple occurrences in one month |      |                     |    |         |        |       |      |                    |    |         |       |                                    |         |        |        |                        |        |        |        |         |                    |        |       |      |
| MAXIMUM   |      |                     |    | MINIMUM |        |       |      | DEPARTURE          |    |         |       | 30 Yr. AVERAGE OR NORMAL 1980-2010 |         |        |        |                        |        |        |        |         |                    |        |       |      |

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| PRECIPITATION, MAXIMUM, DEPARTURE, DAYS |   |                  |                  |  |   |  |   |    | FROZEN PRECIPITATION INCHES   |       |       |      |        |    |  |  |    |        |    |   |
|---|---|------------------|------------------|--|---|--|---|----|---|-------|-------|------|--------|----|--|--|----|--------|----|---|
| AC                                      |   | AD               |                  | AE   | AF  | AG   |   | AH | AI  | AJ    | AK    | AL   |        | AM |  |  | AN |        | AO |   |
| 31                                      | 32  | 33               | 34               | 35   | 36  | 37   | 38  | 39 | 40  | 41    | 42    | 43   | 44     |    |  |  |    |        |    |   |
| 2006<br>PAGE<br>3<br>MONTH              | PRECIP.<br>MAX.<br>IN<br>Cal. Day<br>INCHES | 1st Date of Max. | 2nd Date of Max. | PRECIP.<br>Actual<br>> Trace<br>Days In<br>Month | 30 YR<br>Average<br>> Trace<br>Days In<br>Month | PRECIP.<br>> Trace<br>Days In<br>MONTH<br>DEP. | Precipitation<br>Cal. Day<br>Cal. Day<br>INCHES<br>INCHES<br>DAYS<br>DAYS |    | New Frozen Precipitation<br>TOTAL<br>FOR<br>MONTH<br>INCHES<br>30 Year<br>AVE.<br>Frozen<br>INCHES<br>MONTH<br>Depart.<br>in<br>INCHES<br>MAX.<br>Frozen<br>Precip.<br>INCHES<br>1st Date of Max.<br>2nd Date of Max.<br>3rd Date of Max. |       |       |      |        |    |  | Frozen Precip. on Ground<br>MAX.<br>on the<br>Ground<br>INCHES<br>1st Date of Max.<br>2nd Date of Max.<br>DAYS<br>> TRACE<br>Frozen<br>ON YARD |    |        |    |   |
|   | JAN.  | 0.83             | 2                |  | 9   | 9.7  | -0.7  | 0  | 0   | Trace | 3.9   | -3.9 | T      | 14 |  |  | 0  | 0      |    |   |
| FEB.                                    | 0.60  | 11               |                  | 9  | 8.9   | 0.1  | 0   | 0  | 3.2   | 3.4   | -0.2  | 1.7  | 12     |    |  | 4  | 2  | 12     |    | 1 |
| MAR.                                    | 0.10  | 21               |                  | 4  | 10.3  | -6.3   | 0   | 0  | 0.9   | 0.6   | 0.3   | 0.5  | 21     |    |  | 2  | 1  | 22     |    | 1 |
| APR.                                    | 0.66  | 22               |                  | 8  | 10.0  | -2.0   | 0   | 0  | Trace   | 0.1   | -0.1  | T    | 03     |    |  | 0  | 0  |        |    | 0 |
| MAY                                     | 1.19  | 7                |                  | 7  | 10.8  | -3.8   | 2   | 0  | 0.0   | 0.0   | 0.0   |      |        |    |  |  |    |        |    |   |
| JUN.                                    | 2.65  | 27               |                  | 17   | 10.0  | 7.0  | 3   | 1  |   |       |       |      |        |    |  |  |    |        |    |   |
| JUL.                                    | 2.44  | 22               |                  | 7  | 11.4  | -4.4   | 2   | 1  |   |       |       |      |        |    |  |  |    |        |    |   |
| AUG.                                    | 2.19  | 15               |                  | 7  | 9.1   | -2.1   | 2   | 1  |   |       |       |      |        |    |  |  |    |        |    |   |
| SEP.                                    | 3.62  | 1                |                  | 11   | 8.4   | 2.6  | 5   | 1  |   |       |       |      |        |    |  |  |    |        |    |   |
| OCT.                                    | 2.83  | 6                |                  | 8  | 7.4   | 0.6  | 2   | 1  | 0.0   | 0.0   | 0.0   | 0.0  |        |    |  | 0  | 0  |        |    | 0 |
| NOV.                                    | 2.18  | 12               |                  | 7  | 8.3   | -1.3   | 3   | 1  | 0.0   | 0.2   | -0.2  | 0.0  |        |    |  | 0  | 0  |        |    | 0 |
| DEC.                                    | 0.63  | 25               |                  | 7  | 9.7   | -2.7   | 0   | 0  | 0.0   | 2.1   | -2.1  | 0.0  |        |    |  | 0  | 0  |        |    | 0 |
| TOTAL<br>NUM.                           | 19.92                                       |                  |                  | 101  | 114.0   | -13.0  | 19  | 6  | 4.1   | 10.30 | -6.20 | 2.20 |        |    |  | 6  | 3  |        |    | 2 |
| AVE.                                    | 1.66  |                  |                  | 8  | 9.5   | -1.1   |   |    |   |       |       |      |        |    |  |  |    |        |    |   |
| MAX.                                    | 3.62  | SEP-1            |                  | 17   | 11.4  | 7.0  | 5   | 1  | 3.2   | 3.9   | 0.3   | 1.7  | FEB-12 |    |  | 4  | 2  | FEB-12 |    | 1 |
| MIN.                                    | 0.10  |                  |                  | 4  | 7.4   | -6.3   |   |    |   |       |       |      |        |    |  |  |    |        |    |   |

Up to 3 dates for multiple occurrences in one month

MAXIMUM

MINIMUM

DEPARTURE

30 Yr. AVERAGE OR NORMAL 1980-2010