



CLIMATOLOGICAL DATA ANNUAL SUMMARY VIRGINIA

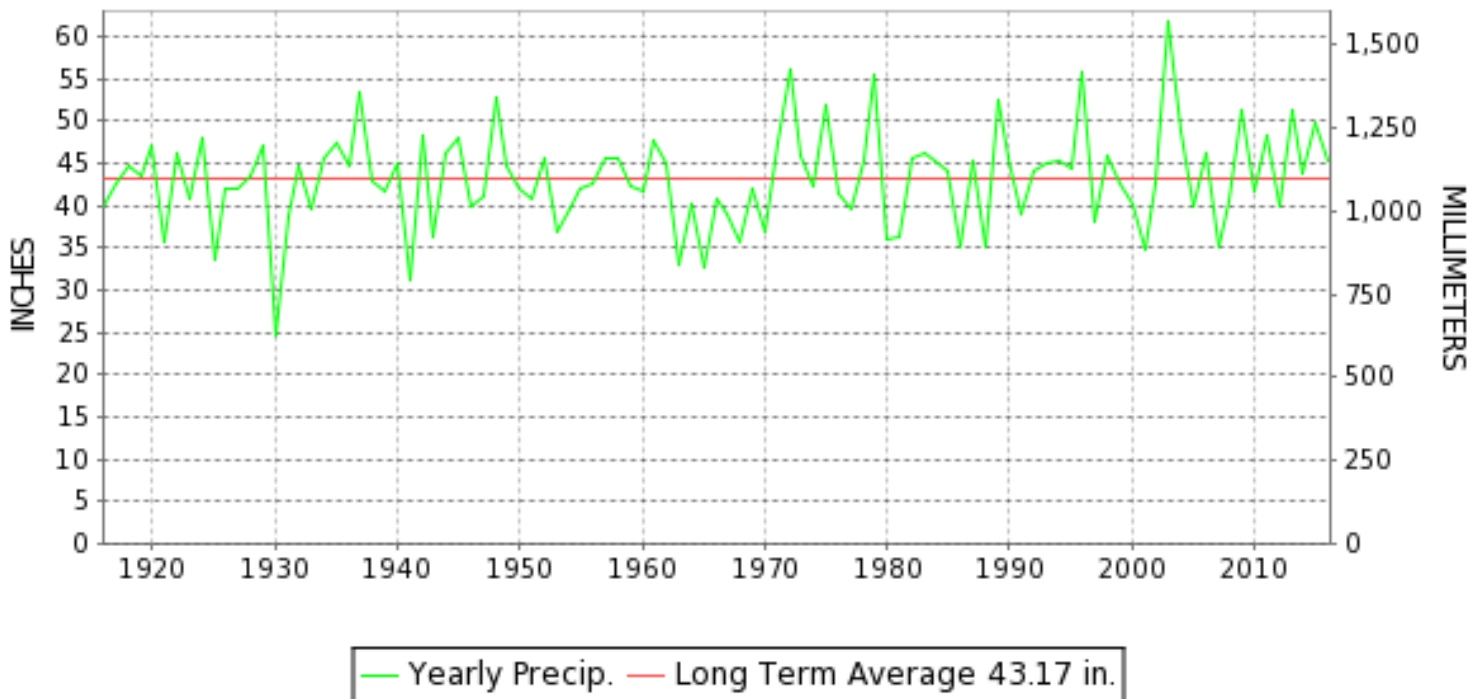
2016

VOLUME 126 NUMBER 13

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YEARLY TOTAL PRECIPITATION



VIRGINIA PRECIPITATION 1916-2016

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Centers For Environmental Information
Asheville, North Carolina

TOTAL PRECIPITATION AND DEPARTURE FROM NORMAL (INCHES)

VIRGINIA
2016

| STATION | JAN | | FEB | | MAR | | APR | | MAY | | JUN | |
|--------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | PRECIP. | DEPART. | PRECIP. | DEPART. | PRECIP. | DEPART. | PRECIP. | DEPART. | PRECIP. | DEPART. | PRECIP. | DEPART. |
| VIRGINIA | | | | | | | | | | | | |
| TIDEWATER 01 | | | | | | | | | | | | |
| DISPUTANTA | 2.21 | -1.41 | 6.65 | 3.56 | 2.37 | -1.89 | 2.07 | -1.54 | 7.60 | 3.68 | 7.00 | 3.40 |
| EASTVILLE | M | | M | | M | | M | | M | | M | |
| EMPORIA 1 WNW | 2.37 | -1.14 | 5.14 | 2.27 | 2.12 | -1.95 | 3.11 | -0.49 | M 3.17 | -0.65 | M 6.49 | 3.04 |
| FREDERICKSBURG SEWAGE | 3.39 | 0.49 | 3.01 | 0.50 | M 0.84 | -3.15 | M 1.52 | -1.83 | M 8.49 | 4.41 | M 4.19 | 0.22 |
| HOLLAND 1 E | 2.18 | -1.63 | 5.66 | 2.42 | 3.97 | -0.01 | 1.92 | -1.52 | 6.33 | 2.41 | 2.75 | -0.96 |
| HOPEWELL | M 2.23 | -1.24 | M 6.08 | 2.90 | 1.25 | -2.82 | 2.56 | -1.20 | 9.79 | 5.96 | 5.67 | 2.32 |
| NORFOLK INTL AP | 4.62 | 1.22 | 6.25 | 3.13 | 3.46 | -0.22 | 2.78 | -0.63 | 5.12 | 1.71 | 5.06 | 0.80 |
| NORFOLK S | 4.90 | 1.19 | 6.43 | 3.27 | 3.94 | -0.08 | 2.71 | -0.90 | 4.74 | 0.89 | 5.63 | 1.16 |
| NORTH | 3.03 | -0.62 | 5.35 | 2.32 | 2.28 | -1.74 | 2.39 | -1.30 | 10.34 | 6.13 | 3.57 | -0.63 |
| PAINTER 2W | 4.54 | 1.07 | 5.56 | 2.55 | 2.63 | -1.50 | 1.95 | -1.32 | 7.19 | 3.87 | 4.73 | 0.79 |
| STONY CREEK 2 N | 2.37 | -1.26 | 6.45 | 3.38 | 3.96 | -0.33 | 1.94 | -1.57 | 7.45 | 3.14 | 4.72 | 0.60 |
| SUFFOLK LAKE KILBY | 3.52 | -0.11 | 6.01 | 2.78 | 3.28 | -0.77 | 2.76 | -0.79 | 8.09 | 4.26 | 3.99 | -0.38 |
| WAKEFIELD 1NW | 2.98 | -0.72 | 5.44 | 2.52 | 1.92 | -2.26 | 2.29 | -1.42 | 6.91 | 2.80 | 6.84 | 2.85 |
| WALKERTON 2 NW | 2.13 | -1.05 | 6.04 | 3.13 | 0.97 | -3.14 | 2.36 | -0.77 | 10.29 | 6.39 | 5.14 | 1.79 |
| WALLACETON LK DRUMMOND | 5.01 | | M 6.53 | | 3.94 | | 3.95 | | M 5.38 | | 5.63 | |
| WALLOPS ISLAND NASA TEST FACIL | 2.62 | -0.42 | 4.56 | 1.80 | 1.87 | -2.13 | 1.68 | -1.39 | 8.11 | 5.16 | 6.49 | 3.20 |
| WARSAW 2 NW | FA 1.23 | -1.85 | 5.08 | 2.38 | 0.75 | -3.23 | 2.46 | -0.67 | 9.07 | 4.92 | 3.73 | 0.18 |
| WEST POINT 2 NW | 3.16 | -0.46 | 4.86 | 1.89 | 1.43 | -2.65 | 2.74 | -0.83 | 9.63 | 5.73 | 4.77 | 1.03 |
| WILLIAMSBURG 2 N | 3.31 | -0.39 | 4.93 | 1.73 | 2.33 | -2.01 | 3.03 | -0.67 | 10.17 | 6.16 | 4.97 | 1.63 |
| --DIVISIONAL DATA-----> | 3.27 | -0.70 | 5.46 | 2.18 | 2.50 | -1.86 | 2.51 | -0.70 | 8.06 | 4.04 | 5.04 | 1.56 |
| EASTERN PIEDMONT 02 | | | | | | | | | | | | |
| ALBERTA 5N | 2.46 | | 5.33 | | 1.43 | | 1.85 | | 7.32 | | 4.67 | |
| AMELIA COURTHOUSE 1 | M 3.46 | 0.13 | 4.93 | 1.93 | M 2.68 | -1.51 | 3.24 | 0.05 | 9.47 | 5.63 | 3.48 | 0.07 |
| ASHLAND | 3.54 | 0.29 | 3.95 | 0.95 | 1.02 | -2.93 | 3.78 | 0.45 | 11.13 | 7.10 | 4.15 | 0.53 |
| BREMO BLUFF | M 3.17 | 0.09 | 3.36 | 0.57 | 2.17 | -1.80 | 1.95 | -1.21 | 7.15 | 3.18 | 3.05 | -0.45 |
| BUCKINGHAM | 3.17 | | M 4.92 | | 3.42 | | 3.25 | | 7.35 | | 4.45 | |
| CAMP PICKETT | 2.25 | -1.42 | M 6.20 | 3.02 | 1.37 | -2.91 | 1.27 | -2.33 | 8.09 | 3.86 | 3.22 | -0.71 |
| CHASE CITY | 1.83 | -1.63 | 5.79 | 2.98 | 1.36 | -2.97 | 2.37 | -1.56 | 10.38 | 6.42 | 5.69 | 2.08 |
| CLARKSVILLE | 1.45 | -1.83 | 5.48 | 2.63 | 2.57 | -1.36 | M 2.74 | -0.55 | 8.02 | 3.91 | 6.39 | 2.20 |
| CORBIN | 3.11 | -0.03 | 3.23 | 0.17 | 1.40 | -2.62 | 2.12 | -1.13 | 9.59 | 5.63 | 4.42 | 0.70 |
| CROZIER | 3.50 | 0.30 | 4.85 | 2.01 | M 1.55 | -2.09 | 2.38 | -1.03 | 8.86 | 4.67 | M 3.35 | -0.23 |
| FARMVILLE 2 N | 2.00 | -1.47 | 3.45 | 0.36 | 2.04 | -2.22 | 2.10 | -1.17 | 8.10 | 4.10 | 3.54 | 0.26 |
| GREENBAY 3 NE | M | | M | | M | | M | | M | | M | |
| JOHN H KERR DAM | 2.57 | -0.72 | 5.51 | 2.76 | 3.48 | -0.72 | 3.15 | -0.15 | 7.10 | 3.52 | 5.73 | 2.20 |
| KEYSVILLE 2 S | 3.04 | | 3.40 | | 2.22 | | 3.03 | | 8.24 | | 4.71 | |
| LOUISA | 3.05 | -0.01 | 3.14 | 0.22 | 1.35 | -2.45 | 1.54 | -1.70 | 6.91 | 2.77 | 3.37 | -0.25 |
| PALMYRA 3S | 3.57 | 0.69 | 4.40 | 1.60 | 1.90 | -1.81 | 2.50 | -0.53 | 5.48 | 1.78 | 3.00 | -0.65 |
| PETERSBURG | 2.66 | -0.60 | 5.31 | 2.63 | 1.43 | -2.71 | 2.40 | -0.83 | 8.86 | 5.00 | M 3.90 | 0.29 |
| RICHMOND INTL AP | 3.30 | 0.26 | 4.35 | 1.59 | 1.02 | -3.02 | 2.17 | -1.10 | 9.79 | 6.01 | 7.81 | 3.88 |
| SANDSTON | 4.41 | 1.04 | M | | M | | M | | M | | M | |
| WINTERPOCK 4 W | 3.08 | | 4.17 | | 1.72 | | 2.57 | | 9.88 | | 4.58 | |
| --DIVISIONAL DATA-----> | 2.88 | -0.96 | 4.42 | 1.23 | 1.87 | -2.29 | 2.45 | -0.88 | 8.43 | 4.30 | 4.52 | 0.94 |
| WESTERN PIEDMONT 03 | | | | | | | | | | | | |

TOTAL PRECIPITATION AND DEPARTURE FROM NORMAL (INCHES)

VIRGINIA
2016

| STATION | JUL | | AUG | | SEP | | OCT | | NOV | | DEC | | ANNUAL | |
|--------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | PRECIP. | DEPART. | PRECIP. | DEPART. | PRECIP. | DEPART. | PRECIP. | DEPART. | PRECIP. | DEPART. | PRECIP. | DEPART. | PRECIP. | DEPART. |
| VIRGINIA | | | | | | | | | | | | | | |
| TIDEWATER 01 | | | | | | | | | | | | | | |
| DISPUTANTA | 5.63 | 0.41 | 1.24 | -3.59 | 4.61 | -0.10 | 5.43 | 2.06 | 1.23 | -2.14 | 2.10 | -1.36 | 48.14 | 1.08 |
| EASTVILLE | M | | M | | M | | M | | M | | M | | | |
| EMPORIA 1 WNW | 4.61 | -0.03 | 0.72 | -3.84 | 6.11 | 1.69 | 5.11 | 1.87 | 0.78 | -2.31 | 2.23 | -1.17 | M 41.96 | -2.71 |
| FREDERICKSBURG SEWAGE | M 2.73 | -1.80 | M 3.62 | 0.23 | M 8.27 | 3.95 | M 3.18 | -0.20 | M 0.90 | -2.85 | 2.14 | -1.04 | M 42.28 | -1.07 |
| HOLLAND 1 E | 7.18 | 1.98 | 0.76 | -4.44 | 9.94 | 4.79 | 11.28 | 7.50 | 0.95 | -2.33 | 2.25 | -1.24 | 55.17 | 6.97 |
| HOPEWELL | 5.75 | 1.10 | 0.72 | -4.34 | 9.35 | 4.73 | 5.34 | 2.02 | M | | M 2.78 | -0.68 | | |
| NORFOLK INTL AP | 10.33 | 5.19 | 4.75 | -0.77 | 13.54 | 8.78 | 9.43 | 6.01 | 0.98 | -2.17 | 2.54 | -0.72 | 68.86 | 22.33 |
| NORFOLK S | 8.32 | 3.18 | 5.65 | -1.69 | 17.01 | 11.94 | 12.09 | 8.67 | 0.86 | -2.55 | 2.74 | -0.85 | 75.02 | 24.23 |
| NORTH | 5.90 | 1.07 | 0.55 | -3.92 | 8.43 | 3.36 | 6.19 | 2.16 | 1.16 | -2.17 | M 2.30 | -1.07 | M 51.49 | 3.59 |
| PAINTER 2W | 6.23 | 1.19 | 1.73 | -2.56 | 9.09 | 5.13 | 7.17 | 3.58 | 1.58 | -1.53 | 3.03 | -0.82 | 55.43 | 10.45 |
| STONY CREEK 2 N | 7.23 | 2.40 | 1.74 | -3.17 | 7.21 | 2.80 | 4.00 | 0.70 | 1.00 | -2.09 | 1.87 | -1.63 | 49.94 | 2.97 |
| SUFFOLK LAKE KILBY | 11.09 | 5.95 | 1.45 | -4.26 | 14.22 | 8.90 | 11.46 | 7.83 | 1.22 | -2.32 | 1.73 | -1.76 | 68.82 | 19.33 |
| WAKEFIELD 1NW | 6.95 | 2.14 | 0.96 | -4.14 | 8.23 | 3.07 | 5.66 | 2.48 | 1.02 | -2.09 | 2.18 | -1.28 | 51.38 | 3.95 |
| WALKERTON 2 NW | 5.09 | 0.57 | 3.42 | -0.34 | 7.48 | 3.74 | 3.64 | 0.30 | 2.42 | -0.91 | 2.76 | -0.65 | 51.74 | 9.06 |
| WALLACETON LK DRUMMOND | 6.61 | | 1.17 | | M | | M 11.72 | | 2.08 | | M 2.97 | | | |
| WALLOPS ISLAND NASA TEST FACIL | 4.87 | 0.78 | 1.85 | -2.34 | 11.90 | 7.92 | 7.35 | 4.18 | 1.15 | -1.72 | 3.97 | 0.54 | 56.42 | 15.58 |
| WARSAW 2 NW | 4.29 | -0.29 | 1.89 | -2.74 | 5.33 | 1.10 | 4.02 | 0.55 | 1.02 | -2.32 | 2.81 | -0.31 | 41.68 | -2.28 |
| WEST POINT 2 NW | 7.48 | 2.91 | 2.13 | -2.39 | 5.32 | 0.81 | 5.74 | 2.44 | 0.97 | -2.20 | 2.84 | -0.59 | 51.07 | 5.69 |
| WILLIAMSBURG 2 N | 3.63 | -1.84 | 1.96 | -3.41 | 7.26 | 2.36 | 5.67 | 2.21 | 1.26 | -2.01 | 2.54 | -1.01 | 51.06 | 2.75 |
| --DIVISIONAL DATA-----> | 6.54 | 1.88 | 1.92 | -2.52 | 9.06 | 4.69 | 6.85 | 3.38 | 1.23 | -1.91 | 2.52 | -0.71 | 54.96 | 9.33 |
| EASTERN PIEDMONT 02 | | | | | | | | | | | | | | |
| ALBERTA 5N | 7.91 | | 1.64 | | 6.49 | | 5.50 | | 1.95 | | 2.32 | | 48.87 | 4.22 |
| AMELIA COURTHOUSE 1 | 2.59 | -1.59 | 4.33 | 0.24 | M 4.19 | 0.37 | M 4.22 | 0.80 | 1.60 | -2.45 | 2.91 | -0.76 | M 47.10 | 2.91 |
| ASHLAND | 2.56 | -2.01 | 1.75 | -1.77 | 8.02 | 4.26 | 3.98 | 0.71 | 1.66 | -1.92 | 2.78 | -0.75 | 48.32 | 4.91 |
| BREMO BLUFF | M 4.64 | 0.41 | 2.53 | -1.32 | 5.44 | 1.73 | M 3.08 | -0.62 | M 0.68 | -3.08 | M 2.74 | -0.52 | M 39.96 | -3.02 |
| BUCKINGHAM | 3.97 | | 1.53 | | 3.47 | | 4.05 | | 0.71 | | 3.25 | | M 43.54 | -0.12 |
| CAMP PICKETT | 4.65 | 0.52 | 1.45 | -3.02 | M 5.52 | 1.46 | 4.80 | 1.17 | 1.78 | -1.65 | 2.34 | -1.09 | M 42.94 | -3.10 |
| CHASE CITY | 3.68 | -0.75 | 2.95 | -1.49 | 7.59 | 3.50 | 4.64 | 1.09 | 0.56 | -2.97 | 1.90 | -1.82 | 48.74 | 2.88 |
| CLARKSVILLE | 4.16 | -0.33 | M | | 7.95 | 4.20 | M 4.97 | 1.54 | 1.63 | -1.61 | 1.86 | -1.55 | | |
| CORBIN | 5.80 | 1.82 | 0.72 | -2.63 | 6.61 | 2.50 | 4.08 | 0.34 | 0.71 | -2.90 | MA 2.96 | -0.38 | M 44.75 | 1.47 |
| CROZIER | 6.69 | 2.89 | 1.77 | -2.37 | 5.21 | 1.77 | 3.37 | 0.19 | 1.22 | -2.46 | 2.97 | -0.38 | M 45.72 | 3.27 |
| FARMVILLE 2 N | 5.79 | 1.67 | 1.55 | -2.36 | 2.14 | -1.84 | 4.76 | 1.34 | 0.62 | -3.03 | 3.32 | -0.04 | 39.41 | -4.40 |
| GREENBAY 3 NE | M | | M | | M | | M | | M | | M | | | |
| JOHN H KERR DAM | 4.55 | -0.55 | 1.85 | -2.08 | 6.52 | 3.05 | 5.53 | 2.20 | 1.01 | -2.08 | 1.75 | -1.49 | 48.75 | 5.94 |
| KEYSVILLE 2 S | 1.75 | | 3.54 | | 4.55 | | 5.18 | | 1.00 | | 1.94 | | 42.60 | 4.01 |
| LOUISA | 5.03 | 0.32 | 2.47 | -1.11 | 3.77 | -0.41 | 1.66 | -1.96 | 0.93 | -3.20 | 2.48 | -0.70 | 35.70 | -8.48 |
| PALMYRA 3S | 7.08 | 2.72 | 4.09 | 0.26 | 3.08 | -0.59 | 2.25 | -1.19 | 1.32 | -2.20 | 2.56 | -0.63 | 41.23 | -0.55 |
| PETERSBURG | M 4.22 | -0.24 | 0.64 | -4.13 | 8.45 | 4.19 | M 3.80 | 0.58 | M 1.41 | -1.83 | 2.19 | -1.01 | M 45.27 | 1.34 |
| RICHMOND INTL AP | 4.47 | -0.04 | 0.53 | -4.13 | 11.19 | 7.06 | 4.24 | 1.26 | 1.08 | -2.16 | 2.80 | -0.46 | 52.75 | 9.15 |
| SANDSTON | M | | M | | M | | M | | M | | M | | | |
| WINTERPOCK 4 W | 3.30 | | 2.10 | | 7.03 | | M 4.74 | | 1.37 | | 2.65 | | M 47.19 | 2.55 |
| --DIVISIONAL DATA-----> | 4.62 | 0.26 | 2.08 | -1.85 | 6.09 | 2.06 | 4.16 | 0.31 | 1.20 | -2.22 | 2.50 | -0.68 | 45.22 | 0.22 |
| WESTERN PIEDMONT 03 | | | | | | | | | | | | | | |

TOTAL PRECIPITATION AND DEPARTURE FROM NORMAL (INCHES)

VIRGINIA
2016

| STATION | JAN | | FEB | | MAR | | APR | | MAY | | JUN | |
|------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | PRECIP. | DEPART. | PRECIP. | DEPART. | PRECIP. | DEPART. | PRECIP. | DEPART. | PRECIP. | DEPART. | PRECIP. | DEPART. |
| ALTAVISTA | 2.98 | | M 2.97 | | 3.11 | | 1.36 | | 6.46 | | 3.83 | |
| APPOMATTOX | 3.24 | 0.10 | 5.54 | 2.46 | 3.14 | -0.83 | 1.91 | -1.51 | 8.92 | 4.16 | 4.10 | 0.15 |
| BEDFORD 4 NW | 2.82 | | 4.59 | | 2.85 | | 1.76 | | 7.22 | | 6.09 | |
| BROOKNEAL | 3.77 | 0.10 | 5.60 | 2.46 | 3.12 | -0.82 | 1.55 | -2.16 | 7.01 | 2.32 | 8.38 | 5.41 |
| CHARLOTTESVILLE 2W | 4.35 | 1.25 | 5.24 | 2.17 | 1.68 | -2.17 | 2.30 | -1.10 | 7.17 | 2.54 | 4.98 | 0.82 |
| CHATHAM | 2.87 | -0.91 | 5.35 | 2.34 | 4.14 | 0.09 | 3.67 | 0.12 | 10.35 | 6.31 | 4.55 | 0.81 |
| CONCORD 4 SSW | 2.75 | | 5.03 | | 3.21 | | 2.33 | | 9.42 | | 6.18 | |
| DANVILLE RGNL AP | 2.54 | -0.88 | 4.31 | 1.30 | 2.33 | -1.78 | 2.80 | -0.66 | 7.57 | 3.69 | 7.70 | 3.86 |
| FREE UNION | 4.60 | | 5.11 | | 1.39 | | M 3.09 | | MA 5.75 | | 4.08 | |
| HOLCOMB ROCK | 3.88 | | 6.31 | | 3.36 | | 2.90 | | 7.63 | | 6.48 | |
| HUDDLESTON 4 SW | 3.65 | | 4.81 | | 3.29 | | 1.48 | | 7.14 | | 2.79 | |
| LYNCHBURG INTL AP | 2.77 | -0.37 | 4.52 | 1.59 | 3.36 | -0.22 | 2.12 | -1.19 | 6.89 | 3.16 | 6.27 | 2.65 |
| MARTINSVILLE FLTR PLT | 3.63 | 0.14 | 5.37 | 2.23 | 2.77 | -1.38 | 2.05 | -1.44 | 5.62 | 1.59 | 4.54 | 0.79 |
| MEADOWS OF DAN 5 SW | 2.79 | | 5.72 | | 3.22 | | 3.59 | | 7.20 | | 3.20 | |
| MONTEBELLO FISH CULTURAL STN | M 4.32 | | M | | M | | M | | M | | M | |
| MONTICELLO | M 1.81 | -0.55 | 4.85 | 2.07 | 1.58 | -2.07 | M | | 7.16 | 3.06 | M 5.82 | 1.86 |
| PEDLAR DAM | 3.16 | | 5.42 | | 2.32 | | 2.19 | | 6.03 | | 8.60 | |
| ROCKY MT | 3.77 | 0.40 | 7.29 | 4.21 | 3.92 | -0.34 | 2.20 | -1.57 | 7.14 | 3.07 | 3.70 | -0.82 |
| SOUTH BOSTON | 2.98 | -0.63 | 5.07 | 1.95 | 2.20 | -1.95 | 2.35 | -1.13 | 7.32 | 3.40 | 7.11 | 2.82 |
| STUART | 3.13 | -0.74 | 5.68 | 2.43 | 1.98 | -2.10 | 2.10 | -1.89 | 8.14 | 3.54 | 2.53 | -2.46 |
| TYE RVR 1 SE | M | | M | | M | | M | | M | | M | |
| WOOLWINE | 4.03 | | 8.14 | | 3.08 | | 3.02 | | 5.78 | | 5.52 | |
| --DIVISIONAL DATA-----> | 3.35 | -0.49 | 5.47 | 2.18 | 2.80 | -1.43 | 2.32 | -1.41 | 7.38 | 2.99 | 5.30 | 1.35 |
| NORTHERN 04 | | | | | | | | | | | | |
| EDINBURG | M | | M | | M | | M | | M | | M | |
| FRONT ROYAL | 4.48 | 2.04 | M 2.60 | -0.05 | 1.83 | -1.93 | M 2.14 | -1.12 | M 6.34 | 2.14 | 3.81 | -0.22 |
| LINCOLN | M | | M 4.58 | | 1.73 | | 1.61 | | M | | M | |
| LURAY 5 E | 3.33 | 0.65 | M 4.04 | 1.38 | 1.04 | -2.84 | 1.63 | -1.81 | 5.86 | 1.86 | 6.63 | 2.68 |
| MADISON | M | | M | | M | | M | | M | | M | |
| MANASSAS | MA 3.80 | | 3.70 | | M 1.06 | | MA 2.40 | | MA 6.45 | | 4.30 | |
| MT WEATHER | M 2.13 | -0.75 | 5.16 | 2.20 | 2.09 | -1.47 | 1.96 | -1.73 | 7.08 | 2.60 | 4.60 | 0.36 |
| PIEDMONT RSCH STN | 2.81 | 0.05 | 4.37 | 1.62 | 1.67 | -1.84 | 2.63 | -0.77 | 6.39 | 2.25 | 5.85 | 1.68 |
| SOMERSET | 2.70 | -0.19 | 4.83 | 2.06 | 1.27 | -2.46 | 2.78 | -0.41 | 5.66 | 1.44 | 5.80 | 1.73 |
| SPERRYVILLE | M 2.97 | -0.10 | M 3.68 | 0.84 | M 1.16 | -2.86 | M 1.55 | -2.22 | M 6.39 | 2.04 | M 1.62 | -2.72 |
| STERLING (RCS) | 4.54 | 1.69 | 4.03 | 1.26 | 1.47 | -2.13 | 1.86 | -1.76 | 5.93 | 1.21 | 5.14 | 1.22 |
| VIENNA | 4.93 | 1.80 | 4.11 | 1.30 | 1.02 | -2.80 | 1.56 | -2.03 | 3.78 | -0.75 | 3.11 | -0.97 |
| WARRENTON 3 SE | M 3.83 | 0.81 | M | | M | | M | | M | | M | |
| WASHINGTON DULLES INTL AP | 4.47 | 1.79 | 3.79 | 1.05 | 1.45 | -1.93 | 1.88 | -1.59 | 6.08 | 1.53 | 6.35 | 2.37 |
| WASHINGTON REAGAN NATL AP | 2.68 | -0.13 | 3.79 | 1.17 | 1.16 | -2.32 | 2.05 | -1.01 | 5.65 | 1.66 | 3.68 | -0.10 |
| WINCHESTER | 3.48 | 0.92 | 3.25 | 0.93 | 1.91 | -1.54 | 1.96 | -1.41 | 6.02 | 2.15 | 3.62 | 0.01 |
| WINCHESTER 7 SE | 2.71 | 0.52 | M 2.71 | 0.24 | M 1.24 | -2.18 | M 2.07 | -1.10 | 5.20 | 1.38 | M 3.28 | -0.38 |
| WOODSTOCK 2 NE | 3.49 | 0.82 | 3.33 | 0.74 | 1.61 | -1.65 | 0.95 | -1.98 | 6.49 | 2.48 | 2.71 | -1.09 |
| --DIVISIONAL DATA-----> | 3.60 | 0.43 | 4.04 | 1.39 | 1.52 | -2.05 | 1.90 | -1.30 | 5.83 | 1.60 | 4.63 | 0.69 |
| CENTRAL MOUNTAIN 05 | | | | | | | | | | | | |
| BUENA VISTA | 2.88 | | 4.79 | | 1.77 | | 1.87 | | 5.72 | | 5.25 | |
| COVINGTON FLTR PLT | 3.02 | 0.52 | 3.42 | 1.05 | 1.57 | -1.71 | 2.38 | -0.84 | 4.80 | 0.72 | 10.61 | 7.31 |

TOTAL PRECIPITATION AND DEPARTURE FROM NORMAL (INCHES)

VIRGINIA
2016

| STATION | JUL | | AUG | | SEP | | OCT | | NOV | | DEC | | ANNUAL | |
|------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | PRECIP. | DEPART. | PRECIP. | DEPART. | PRECIP. | DEPART. | PRECIP. | DEPART. | PRECIP. | DEPART. | PRECIP. | DEPART. | PRECIP. | DEPART. |
| ALTAVISTA | 4.42 | | 3.92 | | 5.69 | | 4.13 | | 0.68 | | 3.20 | | M 42.75 | -1.27 |
| APPOMATTOX | 2.95 | -1.87 | 1.77 | -2.21 | 3.39 | -0.91 | 5.70 | 1.94 | 0.72 | -3.26 | 3.83 | 0.40 | 45.21 | -1.38 |
| BEDFORD 4 NW | 4.13 | | 1.93 | | 4.87 | | 3.38 | | 0.63 | | 3.24 | | 43.51 | -0.69 |
| BROOKNEAL | 6.26 | 1.90 | 4.06 | 0.10 | 2.67 | -1.21 | 5.47 | 1.86 | 0.36 | -3.32 | 2.99 | -0.36 | 51.24 | 6.28 |
| CHARLOTTESVILLE 2W | 3.22 | -2.10 | 3.61 | -0.46 | 2.67 | -2.23 | 2.34 | -1.40 | 1.58 | -2.51 | 2.51 | -0.84 | 41.65 | -6.03 |
| CHATHAM | 5.59 | 1.10 | 6.01 | 2.19 | 3.13 | -1.32 | 4.56 | 1.27 | 0.43 | -3.15 | 3.12 | -0.32 | 53.77 | 8.53 |
| CONCORD 4 SSW | 4.61 | | 2.35 | | 4.08 | | 3.82 | | 0.78 | | 3.62 | | 48.18 | 4.75 |
| DANVILLE RGNL AP | 4.07 | -0.60 | 4.94 | 1.03 | 2.91 | -1.08 | 5.01 | 1.47 | 1.03 | -2.32 | 1.62 | -1.64 | 46.83 | 2.39 |
| FREE UNION | M 2.18 | | 7.67 | | 2.69 | | 2.53 | | 1.48 | | 2.73 | | M 43.30 | -2.18 |
| HOLCOMB ROCK | 3.40 | | 5.09 | | 7.80 | | M 1.45 | | 2.27 | | F 3.30 | | M 53.87 | 7.42 |
| HUDDLESTON 4 SW | 3.11 | | 2.42 | | 4.42 | | 6.43 | | 0.69 | | 3.53 | | 43.76 | 1.26 |
| LYNCHBURG INTL AP | 6.00 | 1.64 | 1.19 | -2.07 | 3.38 | -0.50 | 1.73 | -1.38 | 1.17 | -2.24 | 3.10 | -0.14 | 42.50 | 0.93 |
| MARTINSVILLE FLTR PLT | 3.28 | -1.19 | 2.62 | -1.29 | 3.52 | -1.04 | 3.69 | 0.39 | 0.63 | -2.81 | 2.26 | -1.13 | 39.98 | -5.14 |
| MEADOWS OF DAN 5 SW | 5.53 | | 9.07 | | 4.15 | | 0.98 | | 1.99 | | 2.47 | | 49.91 | -5.29 |
| MONTEBELLO FISH CULTURAL STN | M | | M | | M 4.21 | | M | | M 2.19 | | M 3.99 | | | |
| MONTICELLO | 3.47 | -2.02 | M | | M | | M | | M | | M | | | |
| PEDLAR DAM | 2.93 | | 3.14 | | 3.47 | | 1.65 | | 2.43 | | 3.11 | | 44.45 | 1.19 |
| ROCKY MT | 4.99 | 0.12 | 5.21 | 0.92 | 1.89 | -2.70 | 4.89 | 1.71 | 1.20 | -2.37 | 2.47 | -1.02 | 48.67 | 1.61 |
| SOUTH BOSTON | 4.08 | -0.25 | 2.55 | -1.22 | 3.76 | -0.22 | 6.25 | 2.77 | 0.84 | -2.56 | 1.81 | -1.55 | 46.32 | 1.43 |
| STUART | 6.47 | 0.90 | 7.38 | 2.39 | 1.34 | -3.30 | 2.00 | -1.32 | 1.08 | -2.38 | 1.95 | -1.56 | 43.78 | -6.49 |
| TYE RVR 1 SE | M | | M | | M | | M | | M | | M | | | |
| WOOLWINE | 4.92 | | 9.20 | | 2.99 | | 4.24 | | 1.51 | | 2.95 | | 55.38 | 4.44 |
| --DIVISIONAL DATA-----> | 4.39 | -0.24 | 4.43 | 0.62 | 3.62 | -0.76 | 3.82 | 0.06 | 1.13 | -2.22 | 2.81 | -0.44 | 46.82 | 0.21 |
| NORTHERN 04 | | | | | | | | | | | | | | |
| EDINBURG | M | | M | | M | | M | | M | | M | | | |
| FRONT ROYAL | M 6.48 | 3.18 | M 3.16 | 0.10 | 6.74 | 2.24 | 2.12 | -1.03 | M 0.85 | -2.90 | 3.25 | 0.43 | M 43.80 | 2.88 |
| LINCOLN | M | | M | | 3.73 | | M | | 1.29 | | 3.27 | | | |
| LURAY 5 E | 4.60 | 0.49 | 4.91 | 1.59 | 6.28 | 1.75 | 1.22 | -1.81 | 1.69 | -1.92 | M 3.35 | 0.30 | M 44.58 | 2.32 |
| MADISON | M | | M | | M | | M | | M | | M | | | |
| MANASSAS | 4.74 | | M 2.42 | | 4.57 | | 1.15 | | M 0.75 | | 3.12 | | M 38.46 | |
| MT WEATHER | 5.49 | 1.68 | 3.27 | -0.18 | 6.74 | 2.22 | 1.26 | -2.17 | 1.25 | -2.26 | 3.82 | 0.87 | M 44.85 | 1.37 |
| PIEDMONT RSCH STN | M 5.60 | 0.90 | 2.68 | -0.54 | 3.22 | -0.81 | 1.17 | -2.25 | 1.59 | -2.23 | 2.10 | -0.97 | M 40.08 | -2.91 |
| SOMERSET | 2.92 | -2.78 | M | | 4.01 | -0.23 | 1.15 | -2.40 | 1.40 | -2.45 | 2.62 | -0.51 | | |
| SPERRYVILLE | M 6.00 | 1.68 | M 5.27 | 1.36 | M 4.94 | -0.03 | M 0.95 | -2.61 | M 1.13 | -3.52 | M 3.72 | 0.34 | M 39.38 | -7.80 |
| STERLING (RCS) | 4.71 | 1.01 | 1.08 | -2.41 | 3.40 | -0.60 | 0.83 | -2.76 | 0.58 | -3.00 | M 4.16 | 1.07 | M 37.73 | -5.20 |
| VIENNA | 1.92 | -2.27 | 2.44 | -1.25 | 4.35 | 0.17 | 0.95 | -2.56 | 0.28 | -3.28 | 2.67 | -0.60 | 31.12 | -13.24 |
| WARRENTON 3 SE | M | | M | | M | | M | | M | | M | | | |
| WASHINGTON DULLES INTL AP | 3.02 | -0.65 | 0.96 | -2.57 | 2.55 | -1.37 | 0.65 | -2.60 | 1.77 | -1.64 | 2.36 | -0.60 | 35.33 | -6.21 |
| WASHINGTON REAGAN NATL AP | 3.13 | -0.60 | 2.79 | -0.14 | 2.50 | -1.22 | 0.90 | -2.50 | 0.76 | -2.41 | 2.61 | -0.44 | 31.70 | -8.04 |
| WINCHESTER | 6.77 | 3.24 | 2.25 | -0.77 | 8.01 | 4.27 | 1.70 | -1.25 | 0.83 | -2.40 | 2.48 | -0.20 | 42.28 | 3.95 |
| WINCHESTER 7 SE | 5.99 | 2.40 | M 2.15 | -1.08 | M 3.88 | -0.03 | 1.33 | -1.61 | 2.11 | -1.04 | M 0.42 | -2.05 | M 33.09 | -4.93 |
| WOODSTOCK 2 NE | 3.64 | -0.16 | 3.84 | 0.68 | 9.85 | 5.97 | 1.26 | -1.40 | 1.17 | -1.68 | 1.50 | -1.15 | 39.84 | 1.58 |
| --DIVISIONAL DATA-----> | 4.27 | 0.36 | 2.69 | -0.97 | 5.07 | 1.00 | 1.21 | -2.35 | 1.23 | -2.23 | 2.71 | -0.31 | 38.70 | -3.74 |
| CENTRAL MOUNTAIN 05 | | | | | | | | | | | | | | |
| BUENA VISTA | 2.45 | | 1.68 | | 3.80 | | 3.27 | | 1.34 | | 3.02 | | 37.84 | -3.39 |
| COVINGTON FLTR PLT | 3.15 | -0.82 | 2.40 | -0.82 | 6.57 | 3.33 | 2.71 | 0.17 | 1.62 | -1.74 | 3.97 | 1.26 | 46.22 | 8.43 |

TOTAL PRECIPITATION AND DEPARTURE FROM NORMAL (INCHES)

VIRGINIA
2016

| STATION | JAN | | FEB | | MAR | | APR | | MAY | | JUN | |
|---------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | PRECIP. | DEPART. | PRECIP. | DEPART. | PRECIP. | DEPART. | PRECIP. | DEPART. | PRECIP. | DEPART. | PRECIP. | DEPART. |
| DALE ENTERPRISE | M 1.16 | -1.13 | M 3.29 | 1.07 | M 1.13 | -1.79 | 1.36 | -1.61 | 5.90 | 2.19 | 8.04 | 4.63 |
| GATHRIGHT DAM | 2.84 | 0.06 | 3.56 | 0.96 | 2.07 | -1.21 | 2.22 | -0.95 | 4.98 | 0.87 | 8.48 | 4.84 |
| GLASGOW 1 SE | 3.83 | | 6.45 | | 2.21 | | 1.76 | | 8.68 | | 8.48 | |
| HOT SPRINGS | 3.33 | -0.13 | 5.11 | 2.08 | 2.03 | -2.06 | 1.89 | -1.81 | 6.39 | 2.20 | 7.15 | 3.49 |
| LEXINGTON | 3.06 | 0.27 | 4.88 | 2.23 | 2.39 | -0.76 | 1.50 | -1.92 | 5.63 | 1.61 | 8.58 | 4.33 |
| MILLGAP | 2.46 | -0.79 | 4.41 | 1.43 | 1.44 | -2.43 | 2.18 | -1.57 | 6.19 | 1.42 | 6.90 | 2.84 |
| MTN GROVE | 2.36 | | 3.47 | | 1.53 | | 2.34 | | 6.81 | | 7.42 | |
| MUSTOE 1 SW | 3.02 | -0.36 | 5.09 | 1.84 | 2.13 | -2.03 | 2.45 | -1.36 | M 5.83 | 1.13 | 5.21 | 1.40 |
| NEW CASTLE | 3.23 | | 4.22 | | 2.02 | | 1.55 | | 7.75 | | 5.70 | |
| ROANOKE 8 N | 2.75 | -0.27 | 4.94 | 2.30 | 2.01 | -1.72 | 1.58 | -2.15 | 6.05 | 1.62 | 4.67 | 0.21 |
| ROANOKE INTL AP | 2.99 | 0.07 | 5.24 | 2.35 | 2.29 | -1.21 | 1.13 | -2.24 | 6.12 | 2.06 | 6.03 | 2.20 |
| STAUNTON WTP | 2.78 | 0.11 | 3.94 | 1.39 | 1.94 | -1.31 | 1.85 | -1.30 | 6.08 | 2.34 | 4.03 | 0.42 |
| WAYNESBORO WTP | 4.45 | 1.66 | 4.58 | 1.66 | 1.21 | -2.52 | 1.92 | -1.63 | 5.99 | 2.06 | 8.26 | 4.39 |
| --DIVISIONAL DATA-----> | 3.07 | -0.09 | 4.58 | 1.84 | 1.90 | -1.68 | 1.87 | -1.33 | 6.22 | 2.10 | 6.99 | 3.29 |
| SOUTHWESTERN MOUNTAIN 06 | | | | | | | | | | | | |
| ABINGDON 3S | 1.82 | -1.85 | 4.45 | 0.71 | 2.06 | -1.98 | 3.84 | -0.10 | 2.89 | -1.72 | 5.19 | 1.13 |
| BIG STONE GAP | 2.84 | -1.35 | 6.46 | 2.06 | 1.93 | -2.76 | 3.59 | -1.08 | 5.23 | 0.35 | 3.60 | -0.25 |
| BLACKSBURG NWSO | 2.44 | -0.64 | 4.70 | 1.89 | 2.56 | -1.08 | 1.56 | -1.92 | 4.76 | 0.43 | 3.28 | -0.72 |
| BURKES GARDEN | 2.97 | -0.98 | M 4.29 | 0.83 | 1.92 | -2.10 | M 1.81 | -1.87 | M 5.69 | 0.93 | 6.82 | 2.60 |
| CHRISTIANSBURG | 2.40 | -0.36 | 3.97 | 1.14 | 2.50 | -0.78 | 1.42 | -1.86 | 4.15 | -0.75 | 3.43 | -0.49 |
| CLINTWOOD 1 W | 2.51 | -1.10 | 5.13 | 1.48 | 1.54 | -2.33 | 2.11 | -1.97 | 6.72 | 2.13 | 3.37 | -1.42 |
| COPPER HILL | 3.09 | | 4.69 | | 2.59 | | 1.74 | | 5.30 | | 3.74 | |
| GALAX RADIO WBRF | 2.75 | -0.61 | 5.68 | 2.39 | 2.14 | -1.65 | 2.96 | -0.58 | M | | M 4.17 | 0.30 |
| GALAX WTP | 1.80 | | 5.26 | | 1.73 | | 2.48 | | 3.33 | | 4.47 | |
| GRUNDY | 2.27 | -0.92 | 3.83 | 0.74 | 0.99 | -2.44 | 2.27 | -1.79 | 7.48 | 2.59 | 5.77 | 1.27 |
| JOHN FLANNAGAN LAKE | MA 2.57 | | MA 4.43 | | M | | MA 2.87 | | MA 4.85 | | M | |
| LAFAYETTE 1 NE | 2.65 | | 4.62 | | 2.40 | | 1.88 | | 4.10 | | 4.91 | |
| LEBANON | 2.35 | -0.69 | 4.17 | 0.74 | 1.43 | -2.41 | 2.15 | -1.28 | 4.55 | 0.13 | 4.73 | 0.15 |
| NORA 4 SSE | 3.02 | -0.59 | 3.98 | 0.36 | 1.23 | -2.67 | M 1.97 | -1.24 | 4.34 | -1.16 | M 7.02 | 1.30 |
| N FK LAKE | MA 2.26 | | 5.49 | | MA 2.31 | | MA 1.97 | | 6.83 | | MA 2.87 | |
| PULASKI 2 E | 2.53 | -0.32 | 3.79 | 1.10 | 2.03 | -1.16 | 1.33 | -1.62 | 4.69 | 0.92 | M 5.03 | 1.52 |
| RADFORD 3 N | 2.09 | -0.84 | 4.53 | 1.79 | 2.60 | -0.38 | 1.31 | -1.76 | 4.85 | 0.93 | 4.41 | 1.34 |
| RICHLANDS | M 2.54 | -0.51 | 3.84 | 0.93 | M 1.42 | -2.52 | 2.63 | -1.16 | M 6.72 | 1.97 | 5.85 | 1.90 |
| SALTVILLE 1N | 2.61 | -0.99 | 4.37 | 0.90 | 1.33 | -2.53 | 3.38 | -0.24 | 5.03 | 0.68 | 4.60 | 0.45 |
| STAFFORDSVILLE 3 ENE | 2.21 | -0.69 | 4.24 | 1.51 | 1.93 | -1.50 | 1.30 | -2.05 | 3.98 | -0.26 | 3.78 | 0.07 |
| WILLIS | 2.55 | | 5.43 | | 3.01 | | 1.97 | | 5.23 | | 5.29 | |
| WISE 1SE | 2.90 | -0.98 | 4.73 | 0.75 | 1.31 | -2.81 | 2.80 | -1.33 | 4.85 | 0.23 | 3.93 | -0.53 |
| WYTHEVILLE | 2.66 | -0.24 | 4.55 | 1.75 | 2.13 | -1.11 | 1.87 | -1.35 | 4.67 | 0.56 | 4.41 | 0.84 |
| --DIVISIONAL DATA-----> | 2.52 | -1.02 | 4.66 | 1.28 | 1.97 | -2.09 | 2.24 | -1.46 | 4.89 | 0.29 | 4.53 | 0.42 |

TOTAL PRECIPITATION AND DEPARTURE FROM NORMAL (INCHES)

VIRGINIA
2016

| STATION | JUL | | AUG | | SEP | | OCT | | NOV | | DEC | | ANNUAL | |
|---------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | PRECIP. | DEPART. | PRECIP. | DEPART. | PRECIP. | DEPART. | PRECIP. | DEPART. | PRECIP. | DEPART. | PRECIP. | DEPART. | PRECIP. | DEPART. |
| DALE ENTERPRISE | 4.86 | 0.86 | 3.07 | -0.37 | 2.47 | -1.07 | 2.00 | -0.52 | 1.16 | -1.69 | 3.03 | 0.42 | M 37.47 | 0.99 |
| GATHRIGHT DAM | 3.89 | -0.01 | 3.11 | -0.08 | 5.07 | 1.70 | 1.95 | -0.78 | 1.57 | -1.54 | 3.42 | 0.46 | 43.16 | 4.32 |
| GLASGOW 1 SE | 4.16 | | 1.75 | | 7.29 | | 3.75 | | 1.93 | | 3.14 | | 53.43 | 4.19 |
| HOT SPRINGS | 4.46 | 0.25 | 2.91 | -0.52 | 6.14 | 2.49 | 2.20 | -0.81 | 1.88 | -1.84 | 4.13 | 0.78 | 47.62 | 4.12 |
| LEXINGTON | 1.87 | -2.25 | 2.29 | -0.88 | 3.77 | 0.25 | 3.52 | 0.60 | 1.34 | -2.05 | 3.67 | 0.56 | 42.50 | 1.99 |
| MILLGAP | 5.34 | 0.67 | 2.63 | -0.88 | 4.77 | 1.18 | 4.03 | 1.09 | 2.42 | -1.12 | 3.10 | -0.25 | 45.87 | 1.59 |
| MTN GROVE | 4.27 | | 4.00 | | 5.54 | | M 0.51 | | M | | M | | | |
| MUSTOE 1 SW | M | | M | | 5.32 | 1.66 | M | | 3.04 | -0.77 | 2.77 | -0.54 | | |
| NEW CASTLE | 4.63 | | 5.44 | | 4.93 | | 3.82 | | 1.99 | | 3.27 | | 48.55 | |
| ROANOKE 8 N | 5.56 | 0.38 | M 3.19 | -0.40 | 3.91 | -0.23 | 4.78 | 1.72 | 0.95 | -2.31 | M 3.06 | -0.17 | M 43.45 | -1.02 |
| ROANOKE INTL AP | 5.55 | 1.51 | 4.46 | 0.90 | 4.75 | 0.86 | 4.42 | 1.53 | 1.08 | -2.32 | 2.79 | -0.15 | 46.81 | 5.56 |
| STAUNTON WTP | 5.73 | 1.83 | 2.86 | -0.77 | 3.79 | 0.00 | 2.05 | -0.93 | 1.60 | -1.49 | 3.26 | 0.52 | 39.91 | 0.81 |
| WAYNESBORO WTP | 2.73 | -1.50 | 6.24 | 2.20 | 6.31 | 1.61 | 2.57 | -0.64 | 1.27 | -3.21 | 2.34 | -0.60 | 47.87 | 3.48 |
| --DIVISIONAL DATA-----> | 4.19 | 0.22 | 3.30 | -0.12 | 4.96 | 1.37 | 3.16 | -0.01 | 1.66 | -1.53 | 3.22 | 0.42 | 45.12 | 4.48 |
| SOUTHWESTERN MOUNTAIN 06 | | | | | | | | | | | | | | |
| ABINGDON 3S | 6.39 | 1.36 | 4.30 | 0.70 | 3.20 | -0.15 | 1.63 | -0.78 | 1.59 | -1.71 | 6.62 | 2.73 | 43.98 | -1.66 |
| BIG STONE GAP | 6.02 | 0.73 | 4.64 | 0.36 | 2.59 | -1.29 | 1.15 | -1.78 | 3.29 | -0.67 | 8.85 | 3.76 | 50.19 | -1.92 |
| BLACKSBURG NWSO | 4.86 | 0.60 | 4.16 | 0.57 | 6.95 | 3.85 | 2.26 | -0.52 | 0.77 | -2.10 | 4.10 | 1.15 | 42.40 | 1.51 |
| BURKES GARDEN | M 5.40 | 0.92 | M 4.84 | 0.68 | 2.52 | -0.79 | M 1.16 | -1.76 | 1.96 | -1.16 | 5.12 | 1.32 | M 44.50 | -1.38 |
| CHRISTIANSBURG | 3.16 | -1.19 | 4.84 | 1.54 | 7.35 | 3.87 | 2.33 | -0.42 | 1.16 | -1.74 | 3.65 | 0.67 | 40.36 | -0.37 |
| CLINTWOOD 1 W | 5.61 | 0.86 | 3.57 | -0.08 | 2.80 | -0.48 | 0.76 | -1.94 | 2.46 | -0.52 | 7.07 | 3.41 | 43.65 | -1.96 |
| COPPER HILL | M 3.27 | | 7.80 | | FM 3.27 | | M 5.82 | | 0.97 | | 3.05 | | M 45.33 | -1.78 |
| GALAX RADIO WBRF | M | | M | | M | | M | | M | | M | | | |
| GALAX WTP | 5.67 | | 6.88 | | 2.90 | | 1.96 | | 1.44 | | M 2.68 | | M 40.60 | |
| GRUNDY | 7.99 | 2.79 | 5.59 | 1.73 | 2.37 | -0.77 | 1.72 | -1.10 | 2.37 | -0.54 | 6.36 | 3.09 | 49.01 | 4.65 |
| JOHN FLANNAGAN LAKE | MA 5.70 | | MA 3.89 | | MA 0.73 | | M | | MA 2.39 | | MA 6.42 | | | |
| LAFAYETTE 1 NE | 6.71 | | 4.90 | | 4.58 | | 3.09 | | 0.93 | | M 2.51 | | M 43.28 | 4.45 |
| LEBANON | 5.25 | 0.68 | 3.45 | -0.22 | 2.48 | -0.61 | 1.67 | -0.73 | 1.61 | -1.40 | 5.01 | 1.59 | 38.85 | -4.05 |
| NORA 4 SSE | 7.20 | 2.45 | M 4.76 | 0.48 | 2.05 | -1.26 | 1.03 | -1.65 | 2.48 | -0.88 | 5.56 | 1.82 | M 44.64 | -3.04 |
| N FK LAKE | MA 6.64 | | 4.46 | | 1.84 | | 1.38 | | 2.02 | | M | | | |
| PULASKI 2 E | 2.84 | -1.09 | 5.40 | 2.31 | 2.10 | -0.96 | 1.28 | -1.37 | 0.84 | -1.61 | 3.07 | 0.27 | M 34.93 | -2.01 |
| RADFORD 3 N | 4.28 | 0.06 | 4.10 | 0.70 | 5.03 | 2.02 | 1.66 | -0.98 | 1.28 | -2.07 | 3.42 | 0.48 | 39.56 | 1.29 |
| RICHLANDS | 5.10 | 0.78 | M 1.66 | -2.47 | M 2.52 | -0.61 | 1.67 | -0.77 | 1.70 | -1.28 | M 5.38 | 1.93 | M 41.03 | -1.81 |
| SALTVILLE 1N | 4.61 | -0.42 | 2.88 | -1.30 | 1.50 | -1.78 | 1.61 | -1.12 | 2.03 | -1.22 | 6.50 | 2.84 | 40.45 | -4.73 |
| STAFFORDSVILLE 3 ENE | 5.27 | 1.18 | 6.43 | 3.19 | 6.04 | 2.95 | 1.73 | -0.92 | 1.47 | -1.37 | 3.41 | 0.57 | 41.79 | 2.68 |
| WILLIS | 5.65 | | 6.10 | | 3.63 | | 1.06 | | 1.47 | | M 3.04 | | M 44.43 | -0.64 |
| WISE 1SE | 7.37 | 2.07 | 3.65 | -0.40 | 2.11 | -1.49 | 0.84 | -1.73 | 3.05 | -0.41 | 7.07 | 3.26 | 44.61 | -3.37 |
| WYTHEVILLE | 2.15 | -1.60 | 4.76 | 1.32 | 3.00 | -0.19 | 1.40 | -1.29 | 0.91 | -1.82 | 3.74 | 0.96 | 36.25 | -2.17 |
| --DIVISIONAL DATA-----> | 5.34 | 1.05 | 4.88 | 1.31 | 3.42 | -0.05 | 1.59 | -1.51 | 1.70 | -1.50 | 5.16 | 1.89 | 42.90 | -1.39 |

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL(°F)

VIRGINIA
2016

| STATION | JAN | | FEB | | MAR | | APR | | MAY | | JUN | | JUL | | AUG | | SEP | | OCT | | NOV | | DEC | | ANNUAL | | |
|---------------------------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|---|
| | TEMPERATURE | DEPARTURE. | TEMPERATURE | DEPARTURE. | TEMPERATURE | DEPARTURE. | TEMPERATURE | DEPARTURE. | TEMPERATURE | DEPARTURE. | TEMPERATURE | DEPARTURE. | TEMPERATURE | DEPARTURE. | TEMPERATURE | DEPARTURE. | TEMPERATURE | DEPARTURE. | TEMPERATURE | DEPARTURE. | TEMPERATURE | DEPARTURE. | TEMPERATURE | DEPARTURE. | TEMPERATURE | DEPARTURE. | |
| WAYNESBORO WTP | 29.3 | -3.5 | 35.1 | 0.2 | 48.5 | 6.2 | 53.0 | 1.5 | 60.1 | -0.8 | 70.3 | 0.4 | 76.1 | 2.6 | 76.0 | 3.7 | 70.9 | 6.0 | 57.7 | 3.5 | 45.9 | 1.4 | 36.8 | 1.4 | 55.0 | 1.8 | |
| --DIVISIONAL DATA-----> | 28.8 | -3.5 | 34.1 | -1.5 | 48.4 | 4.7 | 53.0 | 0.3 | 59.8 | -1.6 | 69.4 | 0.1 | 74.6 | 1.2 | 74.7 | 2.8 | 69.8 | 4.7 | 57.6 | 3.6 | 46.3 | 2.0 | 35.9 | 0.0 | 54.4 | 1.1 | |
| SOUTHWESTERN MOUNTAIN 06 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABINGDON 3S | 30.5 | -2.6 | 36.1 | -0.7 | 49.2 | 4.7 | 54.3 | 1.0 | 60.8 | -1.2 | 70.3F | 0.3 | 74.7 | 1.7 | 75.2 | 3.0 | 70.7 | 5.1 | 58.4 | 3.8 | 47.6 | 2.5 | 37.7 | 1.9 | 55.5 | 1.6 | |
| BIG STONE GAP | 30.5 | -3.5 | 37.0 | -0.8 | 50.2 | 4.5 | 55.1 | 0.8 | 61.4 | -1.6 | 72.0 | 1.0 | 75.6 | 1.2 | 75.5 | 1.5 | 70.6 | 3.4 | 58.9 | 2.9 | 48.6 | 2.3 | 37.8 | 0.9 | 56.1 | 1.0 | |
| BLACKSBURG NWSO | 28.6 | -2.9 | 33.5 | -0.7 | 48.0 | 6.4 | 52.3 | 1.6 | 59.7 | 0.4 | 69.1 | 1.4 | 74.0 | 2.8 | 73.3 | 3.3 | 68.8 | 5.7 | 57.1 | 4.8 | 46.5 | 3.2 | 36.6 | 2.8 | 54.0 | 2.4 | |
| BURKES GARDEN | 25.0 | -3.9 | 30.5M | -1.1 | 43.8M | 4.7 | 47.6M | -0.3 | 55.0M | -1.2 | 64.6 | 0.5 | 69.0M | 1.6 | 68.6M | 2.4 | 63.3 | 3.7 | 52.4M | 3.3 | 41.1 | 0.6 | 34.3 | 2.7 | M 49.6 | 1.0 | |
| CHRISTIANSBURG | 28.9 | -3.9 | 34.0 | -1.8 | 49.0 | 5.7 | 52.5 | -0.2 | 59.0 | -2.0 | 69.0 | 0.4 | 73.3 | 0.9 | 72.3 | 0.9 | 68.6 | 4.2 | 56.9 | 2.4 | 47.1 | 1.7 | 37.0 | 1.3 | 54.0 | 0.7 | |
| CLINTWOOD 1 W | 27.1 | -4.0 | 35.4 | 0.8 | 47.9 | 5.5 | 53.5 | 1.6 | 59.1 | -0.7 | 69.1 | 1.5 | 73.3 | 2.2 | 73.8 | 3.3 | 67.5 | 4.1 | 56.8 | 3.9 | 45.2 | 1.9 | 36.3 | 2.2 | 53.8 | 1.8 | |
| COPPER HILL | 28.1M | | 32.4M | | 47.8 | | 51.5 | | 57.6 | | 68.2 | | 72.2M | | 72.0 | | 67.2M | | 56.1M | | 46.8M | | 35.1 | | M 52.9 | | |
| GALAX RADIO WBRF | 31.1 | -0.6 | 35.8 | 1.0 | 50.2 | 8.2 | 53.0 | 2.1 | M | | 69.2M | 1.6 | M | | M | | M | | M | | M | | M | | M | | |
| GALAX WTP | 29.7M | -1.3 | 34.1 | -0.2 | 47.1 | 6.3 | 50.9 | 0.9 | 59.2 | 0.3 | 68.5 | 1.6 | 73.5 | 3.1 | 72.9 | 3.7 | 68.0 | 5.6 | 56.2 | 4.4 | 45.8 | 2.9 | 39.1 | 4.9 | M 53.8 | 2.7 | |
| GRUNDY | 29.5 | -3.4 | 36.8 | 0.5 | 49.8 | 6.1 | 55.2 | 2.4 | 60.0 | -1.1 | 71.0M | 1.8 | 76.0 | 3.2 | 75.5 | 3.3 | 70.3 | 4.7 | 58.8 | 3.9 | 46.7 | 1.8 | 37.7 | 2.1 | M 55.6 | 2.0 | |
| JOHN FLANNAGAN LAKE | MM | | MM | | MM | | MM | | MM | | MM | | MM | | 77.3M | | MM | | MM | | MM | | MM | | MM | | M |
| LEBANON | 29.1 | -3.9 | 36.9 | 1.0 | 49.7 | 6.5 | 53.5 | 1.6 | 59.8 | -0.9 | 70.1 | 1.6 | 74.3 | 2.4 | 75.0 | 4.0 | 69.3 | 4.5 | 56.8 | 3.6 | 46.2 | 2.0 | 37.6 | 2.2 | 54.9 | 2.0 | |
| NORA 4 SSE | 28.8 | -1.3 | 34.9 | 1.4 | 49.7 | 8.3 | 52.1M | 1.8 | 59.1M | -1.6 | 70.6M | 1.6 | 73.9 | 2.2 | 74.1M | 2.8 | 70.4 | 5.2 | 59.1 | 4.4 | 49.4 | 4.9 | 36.1 | 2.2 | M 54.9 | 2.6 | |
| N FK LAKE | MM | | MM | | MM | | MM | | MM | | MM | | MM | | MM | | MM | | MM | | MM | | MM | | MM | | M |
| PULASKI 2 E | 29.0 | -4.0 | 34.5M | -1.2 | 48.0 | 5.1 | 53.4 | 1.5 | 60.2 | -0.4 | 68.8M | 0.0 | 74.1M | 1.8 | 73.5 | 2.4 | 68.5 | 4.4 | 57.0 | 3.4 | 46.6 | 1.9 | 36.8 | 1.4 | M 54.2 | 1.3 | |
| RADFORD 3 N | 28.9 | -1.4 | 34.5 | 0.4 | 47.9 | 7.0 | 52.0 | 1.8 | 59.5 | -0.1 | 68.2 | 0.0 | 73.5 | 1.1 | 73.4 | 2.4 | 68.3 | 5.0 | 56.8 | 4.6 | 46.3 | 3.3 | 38.2 | 4.5 | 54.0 | 2.4 | |
| RICHLANDS | 28.7F | -3.3 | 36.0 | 0.8 | 49.3M | 7.2 | 52.8 | 1.3 | 59.2M | -1.0 | 69.3 | 1.2 | 74.0M | 2.5 | 74.7M | 3.8 | 68.7M | 4.3 | 55.9M | 2.7 | 45.2 | 1.0 | 36.5M | 1.9 | M 54.2 | 1.8 | |
| SALTVILLE 1N | 29.6M | -3.3 | 35.6 | -0.5 | 48.5 | 4.7 | 53.4 | 0.5 | 61.0 | -0.6 | 69.8M | 0.3 | 75.6M | 2.7 | 75.6M | 3.6 | 70.5 | 5.0 | 58.0 | 3.7 | 46.1 | 1.5 | 37.8 | 2.4 | M 55.1 | 1.6 | |
| STAFFORDSVILLE 3 ENE | 28.2 | -3.4 | 33.4 | -1.6 | 47.6 | 4.9 | 51.9 | 0.3 | 59.7 | 0.1 | 68.4 | 0.6 | 73.5 | 2.0 | 73.2 | 2.8 | 68.0 | 4.3 | 56.7 | 3.5 | 45.5 | 1.6 | 36.7 | 2.2 | 53.6 | 1.4 | |
| WISE 1SE | 30.9 | -2.2 | 37.2 | 0.4 | 51.4 | 6.7 | 55.0 | 1.4 | 59.4 | -1.4 | 69.8 | 1.9 | 73.7M | 2.8 | 73.8 | 3.8 | 69.3 | 5.1 | 58.9 | 4.0 | 48.1 | 2.5 | 36.5 | 0.4 | M 55.3 | 2.0 | |
| WYTHEVILLE | 28.1 | -2.6 | 33.7 | -0.2 | 48.2 | 7.1 | 52.1 | 2.2 | 59.0 | 0.3 | 69.2 | 2.6 | 74.5 | 4.1 | 73.4M | 3.9 | 69.1 | 6.5 | 57.2M | 5.3 | 47.7 | 5.0 | 36.0 | 2.4 | M 54.0 | 2.9 | |
| --DIVISIONAL DATA-----> | 29.0 | -3.0 | 34.9 | -0.3 | 48.6 | 5.3 | 52.7 | 1.4 | 59.4 | -0.2 | 69.2 | 2.0 | 73.8 | 2.6 | 73.8 | 4.0 | 68.7 | 5.1 | 57.1 | 4.4 | 46.5 | 3.0 | 36.9 | 1.6 | 54.2 | 2.1 | |

TEMPERATURE EXTREMES AND FREEZE DATA (°F)

VIRGINIA
2016

| STATION | HIGHEST | DATE | LOWEST | DATE | LAST SPRING MINIMUM OF | | | | | | | | | | FIRST FALL MINIMUM OF | | | | | | | | | | NUMBER OF DAYS BETWEEN DATES | | | | |
|----------------------|---------|-------|--------|-------|------------------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|-----------------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|------------------------------|--------------|--------------|--------------|--------------|
| | | | | | 16° OR BELOW | | 20° OR BELOW | | 24° OR BELOW | | 28° OR BELOW | | 32° OR BELOW | | 32° OR BELOW | | 28° OR BELOW | | 24° OR BELOW | | 20° OR BELOW | | 16° OR BELOW | | 16° OR BELOW | 20° OR BELOW | 24° OR BELOW | 28° OR BELOW | 32° OR BELOW |
| | | | | | DATE | TEMP. | DATE | TEMP. | DATE | TEMP. | DATE | TEMP. | DATE | TEMP. | DATE | TEMP. | DATE | TEMP. | DATE | TEMP. | DATE | TEMP. | DATE | TEMP. | | | | | |
| BURKES GARDEN | 87 | 07/25 | -2 | 01/25 | 04/10 | 10 | 04/11 | 20 | 04/14 | 22 | 04/17 | 28 | 05/17 | 32 | 10/11 | 31 | 10/25 | 27 | 10/27 | 24 | 11/06 | 19 | 11/13 | 8 | 217 | 209 | 196 | 191 | 147 |
| CHRISTIANSBURG | 93 | 07/25 | 5 | 02/14 | 02/16 | 15 | 02/16 | 15 | 04/11 | 22 | 04/11 | 22 | 04/11 | 22 | 11/12 | 31 | 11/13 | 23 | 11/13 | 23 | 12/09 | 20 | 12/10 | 14 | 298 | 297 | 216 | 216 | 215 |
| CLINTWOOD 1 W | 91 | 07/24 | 1 | 01/25 | 02/15 | 9 | 02/15 | 9 | 04/11 | 22 | 04/14 | 27 | 04/14 | 27 | 10/23 | 30 | 11/07 | 28 | 11/13 | 21 | 11/21 | 20 | 12/10 | 12 | 299 | 280 | 216 | 207 | 192 |
| COPPER HILL | 90 | 07/27 | 1 | 02/14 | 02/16 | 13 | 04/11 | 19 | 04/11 | 19 | 04/11 | 19 | 04/11 | 19 | 11/13 | 29 | 11/14 | 28 | 11/21 | 23 | 12/09 | 19 | 12/10 | 13 | 298 | 242 | 224 | 217 | 216 |
| GALAX RADIO WBRF | 88 | 06/13 | 7 | 02/14 | 02/15 | 13 | 02/15 | 13 | 04/11 | 21 | 04/11 | 21 | 04/18 | 31 | NONE | NONE | NONE | NONE | NONE | NONE | NONE | NONE | NONE | NONE | NONE | NONE | NONE | NONE | NONE |
| GALAX WTP | 90 | 07/27 | 7 | 01/20 | 02/16 | 14 | 02/16 | 14 | 04/11 | 22 | 04/11 | 22 | 04/18 | 30 | 10/26 | 31 | 11/06 | 28 | 11/13 | 18 | 11/13 | 18 | 12/10 | 14 | 298 | 271 | 216 | 209 | 191 |
| GRUNDY | 94 | 07/25 | 7 | 02/14 | 02/15 | 10 | 02/15 | 10 | 04/10 | 24 | 04/11 | 28 | 04/14 | 29 | 11/11 | 29 | 11/13 | 25 | 11/21 | 22 | 11/22 | 20 | 12/16 | 13 | 305 | 281 | 225 | 216 | 211 |
| JOHN FLANNAGAN LAKE | 98 | 07/28 | 8 | 01/20 | 02/12 | 15 | 02/12 | 15 | 04/11 | 23 | 04/11 | 23 | 04/14 | 29 | 11/14 | 28 | 11/14 | 28 | 11/22 | 21 | 12/12 | 16 | 12/12 | 16 | 304 | 304 | 225 | 217 | 214 |
| LEBANON | 94 | 07/28 | 4 | 02/14 | 02/15 | 9 | 03/03 | 20 | 04/12 | 22 | 04/14 | 28 | 04/14 | 28 | 10/23 | 31 | 11/11 | 27 | 11/13 | 21 | 11/14 | 20 | 11/22 | 15 | 281 | 256 | 215 | 211 | 192 |
| NORA 4 SSE | 88 | 07/27 | 4 | 01/19 | 02/15 | 8 | 02/15 | 8 | 03/03 | 22 | 04/11 | 26 | 04/11 | 26 | 11/12 | 31 | 11/20 | 26 | 11/21 | 21 | 12/09 | 16 | 12/09 | 16 | 298 | 298 | 263 | 223 | 215 |
| N FK LAKE | 92 | 07/25 | 3 | 01/25 | 02/16 | 6 | 02/16 | 6 | 04/11 | 22 | 04/11 | 22 | 04/13 | 29 | NONE | NONE | NONE | NONE | NONE | NONE | NONE | NONE | NONE | NONE | NONE | NONE | NONE | NONE | NONE |
| PULASKI 2 E | 93 | 07/25 | 4 | 02/14 | 02/16 | 16 | 04/10 | 20 | 04/10 | 20 | 04/13 | 27 | 04/17 | 32 | 10/26 | 30 | 11/12 | 28 | 11/13 | 19 | 11/13 | 19 | 12/10 | 10 | 298 | 217 | 217 | 213 | 192 |
| RADFORD 3 N | 92 | 07/25 | 6 | 02/14 | 02/15 | 16 | 04/10 | 20 | 04/11 | 22 | 04/13 | 28 | 04/17 | 32 | 10/26 | 30 | 11/06 | 27 | 11/13 | 18 | 11/13 | 18 | 12/16 | 10 | 305 | 217 | 216 | 207 | 192 |
| RICHLANDS | 93 | 07/25 | 0 | 02/14 | 02/15 | 5 | 03/04 | 20 | 04/10 | 21 | 04/13 | 28 | 04/17 | 29 | 10/23 | 31 | 11/11 | 27 | 11/13 | 21 | 11/22 | 16 | 11/22 | 16 | 281 | 263 | 217 | 212 | 189 |
| SALTVILLE 1N | 95 | 07/25 | 6 | 02/14 | 02/15 | 16 | 02/15 | 16 | 04/11 | 23 | 04/11 | 23 | 04/15 | 31 | 10/24 | 32 | 11/07 | 28 | 11/13 | 19 | 11/13 | 19 | 12/10 | 10 | 299 | 272 | 216 | 210 | 192 |
| STAFFORDSVILLE 3 ENE | 92 | 07/28 | 4 | 02/14 | 02/16 | 16 | 04/11 | 20 | 04/11 | 20 | 04/14 | 27 | 04/18 | 32 | 10/26 | 31 | 11/06 | 28 | 11/13 | 18 | 11/13 | 18 | 12/10 | 14 | 298 | 216 | 216 | 206 | 191 |
| WISE 3E | 80 | 05/31 | 3 | 02/14 | 02/14 | 3 | 03/03 | 20 | 04/10 | 23 | 04/10 | 23 | 04/13 | 32 | NONE | NONE | NONE | NONE | NONE | NONE | NONE | NONE | NONE | NONE | NONE | NONE | NONE | NONE | NONE |
| WYTHEVILLE | 94 | 07/26 | 5 | 01/20 | 02/16 | 14 | 04/11 | 20 | 04/11 | 20 | 04/11 | 20 | 04/14 | 31 | 10/26 | 32 | 11/13 | 22 | 11/13 | 22 | 12/09 | 20 | 12/10 | 11 | 298 | 242 | 216 | 216 | 195 |

MONTHLY AND SEASONAL COOLING DEGREE DAYS
BASE = 65 DEGREES FAHENHEIT

VIRGINIA
2016

| STATION | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL | SEASONAL NORM |
|--------------------------------|-----|-----|-----|-----|------|------|------|------|------|------|-----|-----|-------|---------------|
| VIRGINIA | | | | | | | | | | | | | | |
| TIDEWATER 01 | | | | | | | | | | | | | | |
| DISPUTANTA | 0 | 0 | 6 | 28 | 70 | 249 | 454 | 447 | 265 | 52 | 4 | 0 | 1575 | |
| EASTVILLE | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EMPORIA 1 WNW | - | 0 | 11 | 43 | 154E | 606E | 663E | - | - | - | - | - | - | - |
| FREDERICKSBURG SEWAGE | 0 | 0 | 8E | 10E | 57 | 291E | 455E | 455E | 263E | 32E | 3E | 0 | 1574E | |
| HOLLAND 1 E | 0 | 0 | 8 | 9 | 65 | 234 | 419 | 398 | 292 | 92 | 4 | 0 | 1521 | 1210 |
| HOPEWELL | 0 | 0 | 15 | 41 | 109 | 337 | 503 | 482 | 341 | 198E | 23E | 0 | 2049E | 1619 |
| NORFOLK INTL AP | 0 | 0 | 18 | 30 | 109 | 324 | 554 | 517 | 331 | 104 | 11 | 0 | 1998 | 1612 |
| NORFOLK S | 0 | 0 | 13 | 24 | 92 | 285 | 507 | 484 | 300 | 86 | 8 | 0 | 1799 | |
| NORTH | 0 | 0 | 7 | 22 | 58 | 232 | 449 | 453 | 275 | 65 | 2 | 0 | 1563 | |
| PAINTER 2W | 0 | 0 | 8 | 21 | 74 | 277 | 497 | 469 | 292 | 85 | 5 | 0 | 1728 | 1334 |
| STONY CREEK 2 N | 0 | 0 | 4 | 15 | 93 | 304 | 496 | 486 | 283 | 53 | 6 | 0 | 1740 | 1409 |
| SUFFOLK LAKE KILBY | 0 | 0 | 9 | 25 | 71 | 276 | 476 | 463 | 280 | 73 | 7 | 0 | 1680 | 1427 |
| WAKEFIELD 1NW | 0 | 0 | 9 | 33 | 93 | 256 | 489 | 472 | 281 | 69 | 7 | 0 | 1709 | 1356 |
| WALKERTON 2 NW | 0 | 0 | 16 | 29 | 87 | 300 | 476 | 476 | 329 | 81 | 8 | 0 | 1802 | 1254 |
| WALLACETON LK DRUMMOND | 0 | 0 | 5 | 12 | 43E | 187 | 393 | 352 | - | 50E | 0 | 0 | - | - |
| WALLOPS ISLAND NASA TEST FACIL | 0 | 0 | 3 | 13 | 58 | 243 | 489 | 475 | 288 | 72 | 3 | 0 | 1644 | |
| WARSAW 2 NW | 0 | 0 | 19E | 38E | 96E | 290E | 583E | 452E | 281E | 61E | 14E | 0 | 1834E | 1282 |
| WEST POINT 2 NW | 0 | 0 | 10 | 31 | 91 | 295 | 502 | 483 | 304 | 62 | 6 | 0 | 1784 | 1446 |
| WILLIAMSBURG 2 N | 0 | 0 | 14 | 33 | 94 | 297 | 511 | 504 | 324 | 84 | 7 | 0 | 1868 | 1364 |
| EASTERN PIEDMONT 02 | | | | | | | | | | | | | | |
| AMELIA COURTHOUSE 1 | 0 | 0 | 14E | 34E | 78E | 269E | 461E | 452 | 284E | 56E | 4E | 0 | 1652E | 1125 |
| ASHLAND | 0 | 0 | 14 | 27 | 70 | 256 | 421 | 427 | 236 | 43 | 3 | 0 | 1497 | 1131 |
| BREMO BLUFF | 0 | 0 | 7 | 16 | 51 | 244 | 446E | 430 | 280 | 35E | 6E | 0 | 1515E | 1111 |
| CAMP PICKETT | 0 | 0 | 4 | 20 | 70 | 232 | 426 | 428 | 268 | 46 | 3E | 0 | 1497E | 1158 |
| CHASE CITY | 0 | 0 | 2 | 21 | 78 | 254 | 438 | 451 | 286 | 48 | 2 | 0 | 1580 | 1316 |
| CLARKSVILLE | 0 | 0 | 13 | 39E | 102 | 314 | 499 | 487E | 332 | 79E | 7 | 0 | 1872E | |
| CORBIN | 0 | 0 | 13 | 24 | 75 | 272 | 443 | 448E | 107E | 52 | 6 | 0 | 1440E | 1155 |
| CROZIER | 0 | 0 | 14E | 14 | 56 | 237E | 404 | 406 | 237 | 36 | 2 | 0 | 1406E | 1193 |
| FARMVILLE 2 N | 0 | 0 | 4 | 23 | 62 | 235 | 436 | 437 | 324 | 60E | 6 | 0 | 1587E | 1218 |
| GREENBAY 3 NE | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JOHN H KERR DAM | 0 | 0 | 17 | 54 | 126 | 350 | 565 | 568 | 378 | 88 | 11 | 0 | 2157 | 1383 |
| KEYSVILLE 2 S | 0 | 0 | 5 | 23 | 60 | 237 | 430 | 426 | 282 | 51 | 5 | 0 | 1519 | |
| LOUISA | 0 | 0 | 10 | 22 | 67 | 239 | 398 | 392 | 227 | 34 | 3 | 0 | 1392 | 854 |
| PALMYRA 3S | 0 | 0 | 6 | 20 | 54 | 234 | 333E | 359E | 205 | 17 | 2 | 0 | 1230E | |
| PETERSBURG | 0 | 0 | 7 | 27 | 77 | 263E | 471E | 489 | 294 | 60E | 10E | 0 | 1698E | |
| RICHMOND INTL AP | 0 | 0 | 6 | 24 | 79 | 295 | 468 | 482 | 279 | 62 | 4 | 0 | 1699 | 1435 |
| SANDSTON | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - |
| WESTERN PIEDMONT 03 | | | | | | | | | | | | | | |
| APPOMATTOX | 0 | 0 | 6 | 25 | 66 | 250 | 423 | 417 | 276 | 32E | 4 | 0 | 1499E | 1052 |
| BROOKNEAL | 0 | 0 | 6E | 28 | 71 | 245 | 446 | 430 | 286 | 27 | 1 | 0 | 1540E | 1015 |
| CHARLOTTESVILLE 2W | 0 | 0 | 12 | 25 | 76 | 270 | 464 | 416 | 272 | 42 | 5 | 0 | 1582 | 1212 |
| CHATHAM | 0 | 0 | 3 | 11 | 26 | 165 | 337 | 346 | 192 | 21 | 0 | 0 | 1101 | 971 |
| DANVILLE RGNL AP | 0 | 0 | 21 | 26 | 92 | 276 | 452 | 438 | 304 | 34 | 8 | 0 | 1651 | |
| FREE UNION | 0 | 0 | 1 | 12 | 51 | 174 | 356 | 344 | 182 | 25E | 0 | 0 | 1145E | |
| LYNCHBURG INTL AP | 0 | 0 | 3 | 14 | 54 | 229 | 393 | 385 | 240 | 34 | 6 | 0 | 1358 | 1075 |
| MARTINSVILLE FLTR PLT | 0 | 0 | 4E | 24 | 61 | 231E | 397 | 374 | 230E | 26 | 0 | 0 | 1347E | 921 |
| MEADOWS OF DAN 5 SW | 0 | 0 | 0 | 15 | 47E | 184E | 323E | 304 | 175 | 12 | 0 | 0 | 1060E | |
| MONTABELLO FISH CULTURAL STN | 0 | 0 | 0 | - | 9E | 129E | 304E | 310E | 120E | 8E | 0 | 0 | 880E | |
| MONTICELLO | 0 | 0 | 2 | - | 59 | 227E | 403 | - | - | - | - | - | - | - |

MONTHLY AND SEASONAL COOLING DEGREE DAYS
BASE = 65 DEGREES FAHENHEIT

VIRGINIA
2016

| STATION | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL | SEASONAL NORM |
|---------------------------------|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|-------|---------------|
| ROCKY MT | 0 | 0 | 6 | 30 | 63 | 239E | 416E | 371 | 230E | 23 | 4 | 0 | 1382E | 984 |
| SOUTH BOSTON | 0 | 0 | 2E | 21 | 79 | 277 | 478 | 466 | 318 | 56 | 7 | 0 | 1704E | 1159 |
| STUART | 0 | 0 | 2 | 31 | 76 | 228 | 388 | 366 | 253E | 30 | 2 | 0 | 1376E | 967 |
| TYE RVR 1 SE | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NORTHERN 04 | | | | | | | | | | | | | | |
| EDINBURG | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| FRONT ROYAL | 0 | 0 | 5 | 6E | 52E | 213 | 358E | 339E | 173E | 28 | 0 | 0 | 1174E | - |
| LINCOLN | 0 | 0 | 0 | 3 | 53E | 243E | 518E | 482E | 232E | 22 | 0 | 0 | 1553E | 911 |
| LURAY 5 E | 0 | 0 | 10 | 4 | 47 | 179 | 320 | 329 | 172 | 23 | 0 | 0 | 1084 | 862 |
| MADISON | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MANASSAS | 0 | 0 | 9 | 13E | 92E | 322E | 502 | 472E | 274E | 34E | 4E | 0 | 1722E | - |
| MT WEATHER | 0 | 0 | 2 | 6 | 52 | 174 | 341 | 330 | 164 | 29 | 0 | 0 | 1098 | 625 |
| PIEDMONT RSCH STN | 0 | 0 | 6 | 17 | 75 | 242 | 404 | 407 | 258 | 30 | 3 | 0 | 1442 | 1042 |
| SOMERSET | 0 | 0 | 6 | 15 | 62 | 242 | 413 | 415 | 253 | 32 | 4 | 0 | 1442 | - |
| SPERRYVILLE | 0 | 0 | 3E | 12E | 53E | 169E | 383E | 413E | 225E | 34E | 5E | 0 | 1297E | - |
| STERLING (RCS) | 0 | 0 | 3 | 8E | 68 | 260 | 440E | 458E | 261 | 31 | 1 | 0 | 1530E | 824 |
| VIENNA | 0 | 0 | 1 | 5 | 57 | 221 | 408 | 413 | 177E | 23 | 0 | 0 | 1305E | - |
| WARRENTON 3 SE | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - |
| WASHINGTON DULLES INTL AP | 0 | 0 | 5 | 18 | 75 | 253 | 459 | 453 | 255 | 39 | 2 | 0 | 1559 | 1075 |
| WASHINGTON REAGAN NATL AP | 0 | 0 | 3 | 33 | 92 | 345 | 557 | 556 | 338 | 64 | 6 | 0 | 1994 | 1531 |
| WINCHESTER | 0 | 0 | 4 | 6 | 63 | 234 | 399 | 394 | 225 | 24 | 1 | 0 | 1350 | 907 |
| WINCHESTER 7 SE | 0 | 0 | 0 | 0 | 67 | 199E | 379 | 361E | 195E | 24 | 0 | 0 | 1225E | 855 |
| WOODSTOCK 2 NE | 0 | 0 | 2 | 1 | 54 | 180 | 351 | 351 | 186 | 17 | 1 | 0 | 1143 | 848 |
| CENTRAL MOUNTAIN 05 | | | | | | | | | | | | | | |
| COVINGTON FLTR PLT | 0 | 0 | 2E | 16 | 61 | 186E | 340 | 376 | 205E | 25 | 1 | 0 | 1212E | 846 |
| DALE ENTERPRISE | 0 | 0 | 0 | 2 | 34 | 176 | 324 | 339 | 180 | 18 | 2 | 0 | 1075 | 758 |
| GATHRIGHT DAM | 0 | 0 | 0 | 6 | 26 | 114 | 252 | 269 | 127 | 6 | 0 | 0 | 800 | 679 |
| HOT SPRINGS | 0 | 0 | 0 | 10 | 23 | 108 | 228 | 255 | 129 | 7 | 0 | 0 | 760 | 579 |
| LEXINGTON | 0 | 0 | 1 | 15 | 50 | 197 | 372 | 369 | 224 | 17 | 0 | 0 | 1245 | 881 |
| MILLGAP | 0 | 0 | 0 | 0 | 7 | 34 | 143E | 179 | 47 | 0 | 0 | 0 | 410E | - |
| MUSTOE 1 SW | 0 | 0 | 0 | 0 | 12 | 56 | 198 | 176E | 41 | 0 | 0 | 0 | 483E | - |
| ROANOKE 8 N | 0 | 0 | 4 | 27 | 58E | 231E | 390 | 369E | 250E | 23 | 4 | 0 | 1356E | - |
| ROANOKE INTL AP | 0 | 0 | 10 | 39 | 76 | 280 | 445 | 399 | 264 | 40 | 10 | 0 | 1563 | 1134 |
| STAUNTON WTP | 0 | 0 | 1 | 9 | 43 | 185 | 329 | 337 | 191 | 24 | 0 | 0 | 1119 | 622 |
| WAYNESBORO WTP | 0 | 0 | 0 | 4 | 45 | 174 | 351 | 347 | 185 | 16 | 1 | 0 | 1123 | - |
| SOUTHWESTERN MOUNTAIN 06 | | | | | | | | | | | | | | |
| ABINGDON 3S | 0 | 0 | 1 | 5 | 37 | 170 | 311 | 326 | 183 | 6 | 0 | 0 | 1039 | 736 |
| BIG STONE GAP | 0 | 0 | 2 | 8 | 45 | 221 | 338 | 333 | 187 | 10 | 0 | 0 | 1144 | 937 |
| BLACKSBURG NWSO | 0 | 0 | 0 | 8 | 29 | 143 | 284 | 265 | 137 | 5 | 0 | 0 | 871 | 533 |
| BURKES GARDEN | 0 | 0 | 0 | 0 | 1E | 55 | 134E | 131E | 34 | 0 | 0 | 0 | 355E | 225 |
| CHRISTIANSBURG | 0 | 0 | 0 | 5 | 25 | 138 | 266 | 236 | 127 | 4 | 0 | 0 | 801 | - |
| CLINTWOOD 1 W | 0 | 0 | 0 | 1 | 26 | 140 | 266 | 282 | 108 | 3 | 0 | 0 | 826 | - |
| COPPER HILL | 0 | 0 | 0 | 7 | 18 | 123 | 234E | 229 | 94E | 8E | 0 | 0 | 713E | - |
| GALAX RADIO WBRF | 0 | 0 | 0 | 1 | - | 155E | - | - | - | - | - | - | - | - |
| GALAX WTP | 0 | 0 | 0 | 1 | 17 | 130 | 269 | 251 | 107 | 1 | 0 | 0 | 776 | - |
| GRUNDY | 0 | 0 | 0 | 6 | 36 | 198E | 348 | 335 | 180 | 7 | 0 | 0 | 1110E | 1035 |
| JOHN FLANNAGAN LAKE | 0 | 0 | 0 | 12E | 45E | 283E | 393E | 388E | 245E | 44E | 6E | 0 | 1416E | - |
| LEBANON | 0 | 0 | 10 | 6 | 26 | 174 | 295 | 315 | 146 | 3 | 0 | 0 | 975 | 631 |
| NORA 4 SSE | 0 | 0 | 3 | 13E | 38E | 183E | 283 | 289E | 187 | 13 | 7 | 0 | 1016E | - |
| N FK LAKE | 0 | 0 | 0 | 0 | 43E | 203E | 324E | 318E | 155E | 10E | 0 | 0 | 1053E | - |
| PULASKI 2 E | 0 | 0 | 0 | 11 | 28 | 138E | 292E | 269 | 126 | 4 | 0 | 0 | 868E | 574 |
| RADFORD 3 N | 0 | 0 | 0 | 4 | 26 | 126 | 269 | 267 | 119 | 1 | 1 | 0 | 813 | - |

VIRGINIA
2016

MONTHLY AND SEASONAL COOLING DEGREE DAYS BASE = 65 DEGREES FAHENHEIT

| STATION | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL | SEASONAL NORM |
|----------------------|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|-------|------------------|
| RICHLANDS | 0 | 0 | 1E | 0 | 20E | 149 | 286E | 305E | 128E | 2E | 0 | 0 | 891E | 622 |
| SALTVILLE 1N | 0 | 0 | 1 | 2 | 33 | 162E | 339E | 337E | 179 | 9 | 0 | 0 | 1062E | 734 |
| STAFFORDSVILLE 3 ENE | 0 | 0 | 1 | 3 | 31 | 130 | 271 | 263 | 120 | 3 | 0 | 0 | 822 | 564 |
| WISE 1SE | 0 | 0 | 0 | 6 | 25 | 162 | 275E | 282 | 156 | 13 | 1 | 0 | 920E | 605 |
| WYTHEVILLE | 0 | 0 | 0 | 5 | 21 | 154 | 304 | 267E | 142 | 9E | 1 | 0 | 903E | 503 |

VIRGINIA
2016

TOTAL PAN EVAPORATION AND WIND MOVEMENT

| STATION | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|--|----------|-----|-----|-----|-----|-----|-----|-----|------|------|------|-----|-----|--------|
| VIRGINIA EASTERN PIEDMONT 02 JOHN H KERR DAM | WIND | - | - | - | - | - | - | - | 825 | 944 | 1063 | 632 | 886 | - |
| | EVAP | - | - | - | - | - | - | - | 5.67 | 4.51 | - | - | - | - |
| | MAX TEMP | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | MIN TEMP | - | - | - | - | - | - | - | - | - | - | - | - | - |

STATION INDEX

| STATION | INDEX NO. | DIVISION NO. | COUNTY | LATITUDE | LONGITUDE | ELEVATION FEET | YEARS OF RECORD | | | OPENED OR CLOSED DURING YR | | SEE REFERENCE NOTES |
|-----------------------|-----------|--------------|----------------|----------|-----------|-------------------|--------------------|---------|-------|----------------------------------|-----------------|---------------------------|
| | | | | | | | TEMP. | PRECIP. | EVAP. | MONTH OPENED | MONTH CLOSED | |
| VIRGINIA | | | | | | | | | | | | |
| ABINGDON 3S | 0021 | 06 | WASHINGTON | 36 40 | 81 58W | 1925 | 48 | 48 | 0 | | | H |
| ALBERTA 5N | 0079 | 02 | BRUNSWICK | 36 56 | 77 54W | 376 | 0 | 13 | 0 | | | H |
| ALTAVISTA | 0166 | 03 | CAMPBELL | 37 7 | 79 17W | 529 | 0 | 67 | 0 | | | CH |
| AMELIA COURTHOUSE 1 | 0187 | 02 | AMELIA | 37 21 | 77 59W | 345 | 40 | 40 | 0 | | | H |
| APPOMATTOX | 0243 | 03 | APPOMATTOX | 37 20 | 78 50W | 850 | 56 | 80 | 0 | | | H |
| ASHLAND | 0327 | 02 | HANOVER | 37 45 | 77 29W | 220 | 106 | 106 | 0 | | | H |
| BEDFORD 4 NW | 0561 | 03 | BEDFORD | 37 23 | 79 34W | 1228 | 3 | 14 | 0 | | | CH |
| BIG STONE GAP | 0735 | 06 | WISE | 36 52 | 82 46W | 1464 | 27 | 27 | 0 | | | H |
| BLACKSBURG NWSO | 0766 | 06 | MONTGOMERY | 37 12 | 80 25W | 2103 | 65 | 65 | 0 | | | CH |
| BREMO BLUFF | 0993 | 02 | FLUVANNA | 37 43 | 78 17W | 225 | 38 | 78 | 0 | | | CH |
| BROOKNEAL | 1082 | 03 | CAMPBELL | 37 4 | 78 57W | 408 | 35 | 58 | 0 | | | H |
| BUCKINGHAM | 1136 | 02 | BUCKINGHAM | 37 30 | 78 32W | 580 | 11 | 87 | 0 | | | H |
| BUENA VISTA | 1159 | 05 | ROCKBRIDGE | 37 44 | 79 22W | 840 | 18 | 79 | 0 | | | H |
| BURKES GARDEN | 1209 | 06 | TAZEWELL | 37 6 | 81 20W | 3068 | 121 | 121 | 0 | | | H |
| CAMP PICKETT | 1322 | 02 | NOTTOWAY | 37 2 | 77 57W | 330 | 45 | 45 | 0 | | | CH |
| CHARLOTTESVILLE 2W | 1593 | 03 | ALBEMARLE | 38 2 | 78 31W | 866 | 123 | 123 | 0 | | | H |
| CHASE CITY | 1606 | 02 | MECKLENBURG | 36 47 | 78 29W | 510 | 70 | 70 | 0 | | | H |
| CHATHAM | 1614 | 03 | PITTSYLVANIA | 36 49 | 79 25W | 651 | 95 | 95 | 0 | | | CH |
| CHRISTIANSBURG | 1692 | 06 | MONTGOMERY | 37 8 | 80 24W | 2100 | 22 | 22 | 0 | | | H |
| CLARKSVILLE | 1746 | 02 | MECKLENBURG | 36 37 | 78 33W | 330 | 20 | 126 | 0 | | | H |
| CLINTWOOD 1 W | 1825 | 06 | DICKENSON | 37 9 | 82 29W | 1780 | 24 | 24 | 0 | | | H |
| CONCORD 4 SSW | 1955 | 03 | CAMPBELL | 37 17 | 78 58W | 815 | 2 | 67 | 0 | | | H |
| COPPER HILL | 1999 | 06 | FLOYD | 37 5 | 80 9W | 2690 | 7 | 77 | 0 | | | H |
| CORBIN | 2009 | 02 | CAROLINE | 38 12 | 77 22W | 220 | 58 | 58 | 0 | | | H |
| COVINGTON FLTR PLT | 2044 | 05 | ALLEGHANY | 37 49 | 79 59W | 1244 | 57 | 57 | 0 | | | CH |
| CROZIER | 2142 | 02 | GOOCHLAND | 37 40 | 77 53W | 350 | 41 | 41 | 0 | | | H |
| DALE ENTERPRISE | 2208 | 05 | ROCKINGHAM | 38 27 | 78 56W | 1358 | 124 | 124 | 0 | | | CH |
| DANVILLE RGNL AP | 2250 | 03 | PITTSYLVANIA | 36 34 | 79 20W | 571 | 35 | 35 | 0 | | | CH |
| DISPUTANTA | 2400 | 01 | PRINCE GEORGE | 37 7 | 77 12W | 15 | 11 | 11 | 0 | | | H |
| EASTVILLE | 2635 | 01 | NORTHAMPTON | 37 23 | 75 58W | 10 | 22 | 22 | 0 | | | H |
| EDINBURG | 2663 | 04 | SHENANDOAH | 38 48 | 78 35W | 928 | 20 | 20 | 0 | | | H |
| EMPORIA 1 WNW | 2790 | 01 | GREENSVILLE | 36 42 | 77 34W | 100 | 36 | 88 | 0 | | | H |
| FARMVILLE 2 N | 2941 | 02 | CUMBERLAND | 37 20 | 78 23W | 450 | 98 | 98 | 0 | | | H |
| FREDERICKSBURG SEWAGE | 3204 | 01 | FREDERICKSBURG | 38 17 | 77 27W | 15 | 22 | 22 | 0 | | | H |
| FREE UNION | 3213 | 03 | ALBEMARLE | 38 5 | 78 35W | 590 | 10 | 61 | 0 | | | H |
| FRONT ROYAL | 3229 | 04 | WARREN | 38 54 | 78 11W | 930 | 22 | 22 | 0 | | | CH |
| GALAX RADIO WBRF | 3267 | 06 | CARROLL | 36 40 | 80 55W | 2385 | 63 | 67 | 0 | | | H |
| GALAX WTP | 3272 | 06 | CARROLL | 36 39 | 80 55W | 2360 | 20 | 20 | 0 | | | CH |
| GATHRIGHT DAM | 3310 | 05 | ALLEGHANY | 37 57 | 79 57W | 1770 | 37 | 37 | 17 | | | CH |
| GLASGOW 1 SE | 3375 | 05 | ROCKBRIDGE | 37 37 | 79 26W | 737 | 11 | 50 | 0 | | | H |
| GREENBAY 3 NE | 3565 | 02 | PRINCE EDWARD | 37 11 | 78 17W | 500 | 11 | 11 | 0 | | AUG | H |
| GRUNDY | 3640 | 06 | BUCHANAN | 37 17 | 82 5W | 1170 | 57 | 68 | 0 | | | H |
| HOLCOMB ROCK | 4039 | 03 | BEDFORD | 37 33 | 79 24W | 900 | 4 | 39 | 0 | | | H |

STATION INDEX

| STATION | INDEX NO. | DIVISION NO. | COUNTY | LATITUDE | LONGITUDE | ELEVATION FEET | YEARS OF RECORD | | | OPENED OR CLOSED DURING YR | | SEE REFERENCE NOTES |
|------------------------------|-----------|--------------|----------------|----------|-----------|-------------------|--------------------|---------|-------|----------------------------------|-----------------|---------------------------|
| | | | | | | | TEMP. | PRECIP. | EVAP. | MONTH OPENED | MONTH CLOSED | |
| HOLLAND 1 E | 4044 | 01 | SUFFOLK | 36 41 | 76 46W | 80 | 84 | 84 | 19 | | | H |
| HOPEWELL | 4101 | 01 | PRINCE GEORGE | 37 18 | 77 17W | 40 | 101 | 101 | 0 | | | H |
| HOT SPRINGS | 4128 | 05 | BATH | 37 60 | 79 50W | 2236 | 122 | 122 | 0 | | | H |
| HUDDLESTON 4 SW | 4148 | 03 | BEDFORD | 37 8 | 79 32W | 898 | 2 | 67 | 0 | | | H |
| JOHN FLANNAGAN LAKE | 4410 | 06 | DICKENSON | 37 14 | 82 21W | 1460 | 24 | 48 | 0 | | | H |
| JOHN H KERR DAM | 4414 | 02 | MECKLENBURG | 36 36 | 78 18W | 250 | 69 | 69 | 61 | | | CH |
| KEYSVILLE 2 S | 4568 | 02 | CHARLOTTE | 37 1 | 78 29W | 625 | 4 | 36 | 0 | | | H |
| LAFAYETTE 1 NE | 4676 | 06 | MONTGOMERY | 37 14 | 80 12W | 1320 | 0 | 66 | 0 | | | H |
| LEBANON | 4777 | 06 | RUSSELL | 36 54 | 82 2W | 1912 | 28 | 28 | 0 | | | H |
| LEXINGTON | 4876 | 05 | ROCKBRIDGE | 37 47 | 79 26W | 1097 | 127 | 127 | 0 | | | H |
| LINCOLN | 4909 | 04 | LOUDOUN | 39 5 | 77 42W | 500 | 117 | 117 | 0 | | | H |
| LOUISA | 5050 | 02 | LOUISA | 38 3 | 78 0W | 420 | 101 | 101 | 0 | | | H |
| LURAY 5 E | 5096 | 04 | PAGE | 38 40 | 78 22W | 1400 | 73 | 76 | 0 | | | H |
| LYNCHBURG INTL AP R | 5120 | 03 | CAMPBELL | 37 19 | 79 12W | 940 | 73 | 73 | 0 | | | HJ |
| MADISON | 5150 | 04 | MADISON | 38 22 | 78 15W | 577 | 17 | 17 | 0 | | AUG | H |
| MANASSAS | 5204 | 04 | MANASSAS | 38 44 | 77 30W | 245 | 13 | 13 | 0 | | | H |
| MARTINSVILLE FLTR PLT | 5300 | 03 | HENRY | 36 42 | 79 52W | 760 | 79 | 86 | 0 | | | H |
| MEADOWS OF DAN 5 SW | 5453 | 03 | PATRICK | 36 40 | 80 27W | 2225 | 14 | 67 | 0 | | | H |
| MILLGAP | 5595 | 05 | HIGHLAND | 38 18 | 79 43W | 2421 | 19 | 41 | 0 | | | CH |
| MONTEBELLO FISH CULTURAL STN | 5690 | 03 | NELSON | 37 51 | 79 8W | 2667 | 11 | 14 | 0 | | | H |
| MONTICELLO | 5700 | 03 | ALBEMARLE | 38 1 | 78 27W | 758 | 35 | 35 | 0 | | | H |
| MT WEATHER | 5851 | 04 | LOUDOUN | 39 4 | 77 53W | 1659 | 102 | 102 | 0 | | | H |
| MTN GROVE | 5756 | 05 | BATH | 38 6 | 79 53W | 1775 | 5 | 36 | 0 | | | H |
| MUSTOE 1 SW | 5880 | 05 | HIGHLAND | 38 20 | 79 40W | 2380 | 23 | 23 | 0 | | | H |
| N FK LAKE | 6173 | 06 | WISE | 37 7 | 82 38W | 1675 | 25 | 48 | 0 | | | H |
| NEW CASTLE | 6012 | 05 | CRAIG | 37 31 | 80 6W | 1258 | 0 | 60 | 0 | | | H |
| NORA 4 SSE | 6125 | 06 | DICKENSON | 37 1 | 82 19W | 2650 | 11 | 11 | 0 | | | H |
| NORFOLK INTL AP R | 6139 | 01 | NORFOLK (CITY) | 36 54 | 76 12W | 30 | 71 | 71 | 0 | | | HJ |
| NORFOLK S | 6147 | 01 | NORFOLK (CITY) | 36 52 | 76 14W | 100 | 14 | 14 | 0 | | | H |
| NORTH | 6161 | 01 | MATHEWS | 37 26 | 76 26W | 10 | 15 | 15 | 0 | | | H |
| PAINTER 2W | 6475 | 01 | ACCOMACK | 37 35 | 75 49W | 30 | 62 | 62 | 0 | | | CH |
| PALMYRA 3S | 6491 | 02 | FLUVANNA | 37 49 | 78 16W | 410 | 23 | 60 | 0 | | | H |
| PEDLAR DAM | 6593 | 03 | AMHERST | 37 40 | 79 17W | 1024 | 9 | 82 | 0 | | | CH |
| PETERSBURG | 6656 | 02 | PETERSBURG | 37 14 | 77 24W | 15 | 16 | 21 | 0 | | | H |
| PIEDMONT RSCH STN | 6712 | 04 | ORANGE | 38 14 | 78 7W | 520 | 71 | 71 | 39 | | | CH |
| PULASKI 2 E | 6955 | 06 | PULASKI | 37 3 | 80 47W | 1850 | 65 | 82 | 0 | | | CH |
| RADFORD 3 N | 6999 | 06 | PULASKI | 37 12 | 80 35W | 1800 | 13 | 38 | 0 | | | H |
| RICHLANDS | 7174 | 06 | TAZEWELL | 37 6 | 81 48W | 1910 | 28 | 28 | 0 | | | H |
| RICHMOND INTL AP R | 7201 | 02 | HENRICO | 37 30 | 77 19W | 164 | 75 | 75 | 0 | | | HJ |
| ROANOKE 8 N | 7278 | 05 | ROANOKE | 37 22 | 79 58W | 1190 | 19 | 19 | 0 | | | H |
| ROANOKE INTL AP R | 7285 | 05 | ROANOKE | 37 19 | 79 58W | 1175 | 69 | 69 | 0 | | | HJ |
| ROCKY MT | 7338 | 03 | FRANKLIN | 36 59 | 79 54W | 1315 | 123 | 123 | 0 | | | CH |
| SALTVILLE 1N | 7506 | 06 | SMYTH | 36 53 | 81 46W | 1733 | 63 | 62 | 0 | | | H |
| SANDSTON | 7541 | 02 | HENRICO | 37 33 | 77 17W | 165 | 15 | 15 | 0 | | | H |

STATION INDEX

| STATION | INDEX NO. | DIVISION NO. | COUNTY | LATITUDE | LONGITUDE | ELEVATION FEET | YEARS OF RECORD | | | OPENED OR CLOSED DURING YR | | SEE REFERENCE NOTES |
|----------------------------------|-----------|--------------|----------------|----------|-----------|-------------------|--------------------|---------|-------|----------------------------------|-----------------|---------------------------|
| | | | | | | | TEMP. | PRECIP. | EVAP. | MONTH OPENED | MONTH CLOSED | |
| SOMERSET | 7904 | 04 | ORANGE | 38 15 | 78 16W | 510 | 22 | 54 | 0 | | | H |
| SOUTH BOSTON | 7925 | 03 | HALIFAX | 36 42 | 78 53W | 329 | 37 | 37 | 0 | | | H |
| SPERRYVILLE | 7985 | 04 | RAPPAHANNOCK | 38 39 | 78 14W | 750 | 22 | 22 | 0 | | | H |
| STAFFORDSVILLE 3 ENE | 8022 | 06 | GILES | 37 16 | 80 43W | 1950 | 47 | 66 | 0 | | | CH |
| STAUNTON WTP | 8062 | 05 | AUGUSTA | 38 10 | 79 5W | 169 | 123 | 123 | 0 | | | CH |
| STERLING (RCS) | 8084 | 04 | LOUDOUN | 38 59 | 77 29W | 288 | 40 | 40 | 0 | | | H |
| STONY CREEK 2 N | 8129 | 01 | SUSSEX | 36 58 | 77 24W | 105 | 55 | 59 | 0 | | | H |
| STUART | 8170 | 03 | PATRICK | 36 38 | 80 15W | 1375 | 57 | 57 | 0 | | | H |
| SUFFOLK LAKE KILBY | 8192 | 01 | SUFFOLK | 36 44 | 76 36W | 22 | 72 | 72 | 0 | | | H |
| TYE RVR 1 SE | 8600 | 03 | NELSON | 37 38 | 78 56W | 720 | 53 | 79 | 0 | | AUG | H |
| VIENNA | 8737 | 04 | FAIRFAX | 38 54 | 77 17W | 418 | 24 | 80 | 0 | | | H |
| WAKEFIELD 1NW | 8800 | 01 | SUSSEX | 36 59 | 77 0W | 113 | 35 | 35 | 0 | | | CH |
| WALKERTON 2 NW | 8829 | 01 | KING AND QUEEN | 37 45 | 77 2W | 50 | 85 | 85 | 0 | | | H |
| WALLACETON LK DRUMMOND | 8837 | 01 | CHESAPEAKE | 36 36 | 76 26W | 20 | 13 | 91 | 0 | | | H |
| WALLOPS ISLAND NASA TEST FACIL R | 8849 | 01 | ACCOMACK | 37 56 | 75 28W | 46 | 51 | 51 | 0 | | | HJ |
| WARRENTON 3 SE | 8888 | 04 | FAUQUIER | 38 41 | 77 46W | 500 | 69 | 69 | 0 | | AUG | H |
| WARSAW 2 NW | 8894 | 01 | RICHMOND | 37 59 | 76 47W | 140 | 109 | 109 | 0 | | | H |
| WASHINGTON DULLES INTL AP R R | 8903 | 04 | LOUDOUN | 38 56 | 77 27W | 290 | 57 | 56 | 0 | | | HJ |
| WASHINGTON REAGAN NATL AP R | 8906 | 04 | ARLINGTON | 38 51 | 77 2W | 10 | 72 | 72 | 0 | | | HJ |
| WAYNESBORO WTP | 8941 | 05 | WAYNESBORO | 38 5 | 78 53W | 1270 | 17 | 17 | 0 | | | H |
| WEST POINT 2 NW | 9025 | 01 | KING WILLIAM | 37 34 | 76 48W | 20 | 63 | 63 | 0 | | | H |
| WILLIAMSBURG 2 N | 9151 | 01 | YORK | 37 18 | 76 42W | 70 | 66 | 69 | 0 | | | CH |
| WILLIS | 9169 | 06 | FLOYD | 36 55 | 80 30W | 2810 | 1 | 37 | 0 | | | CH |
| WINCHESTER | 9181 | 04 | FREDERICK | 39 11 | 78 9W | 720 | 35 | 35 | 0 | | | H |
| WINCHESTER 7 SE | 9186 | 04 | FREDERICK | 39 11 | 78 7W | 680 | 105 | 105 | 0 | | | H |
| WINTERPOCK 4 W | 9213 | 02 | CHESTERFIELD | 37 19 | 77 39W | 300 | 0 | 38 | 0 | | | H |
| WISE 1SE | 9215 | 06 | WISE | 36 58 | 82 33W | 2564 | 62 | 62 | 0 | | | CH |
| WOODSTOCK 2 NE | 9263 | 04 | SHENANDOAH | 38 54 | 78 28W | 675 | 121 | 127 | 0 | | | H |
| WOOLWINE | 9272 | 03 | PATRICK | 36 47 | 80 17W | 1500 | 0 | 66 | 0 | | | CH |
| WYTHEVILLE | 9301 | 06 | WYTHE | 36 58 | 81 5W | 2458 | 100 | 100 | 0 | | | H |

REFERENCE NOTES

STATION NAMES: Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

DIVISIONS: Areas within a state of similar climatological characteristics. Division averages are calculated using data from stations that record temperature and/or precipitation. Station Precipitation totals flagged with an 'F' or 'M' are excluded from the Divisional Average calculations of precipitation. Stations with monthly Temperature averages flagged with an 'F' or 'M' are included in the Divisional Average if there are no more than 9 flagged or missing daily values in the month, else they are excluded from the divisional average for temperature.

NORMALS: The average value of the meteorological element over a time period. Effective 1 January 2012, the averaging period is 1981 to 2010. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

TEMPERATURE EXTREMES AND FREEZE DATA: Spring minimum dates are obtained from data for January through June; Fall dates are from July through December data. "NONE" indicates temperature threshold not reached. "MSG" indicates available data insufficient to determine date.

MONTHLY DEGREE DAY TOTALS: One heating (cooling) degree day is accumulated for each whole degree that the daily mean temperature is below (above) 65 degrees Fahrenheit.

SOIL TEMPERATURE EXTREMES: The highest and lowest Max and Min temperature for each month and the year.

WIND: (As shown in the "Evaporation and Wind" table) the total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

SYMBOLS AND LETTERS USED IN THE DATA TABLES

- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication.
- * Equipment gage not read. Precipitation is included in the amount following asterisks. Time distribution not known.
- // Equipment gage equipped with a windshield.
- A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to monthly bulletins to determine date of last reading.
- E Normalized HDD/CDD Calculation. E is appended to the HDD/CDD Calculation when 1-9 individual daily TMAX and/or TMIN values are missing and a Normalized HDD/CDD Calculation is provided. M appears alone if 10 or more are missing or flagged.
- F Monthly Calculation Flagged Value. F is appended to the average of the monthly station values when 1-9 daily observations were determined to be invalid during the Quality Control process.
- M Insufficient or partial data. M is appended to average and/or total values computed with 1-9 daily values missing. M appears alone if 10 or more daily values are missing or flagged.
- R Amounts from recording rain gage.
- T Trace. An amount too small to measure.

SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

Thermometers located in rooftop shelter.

C Station is equipped with a recording rain gage (R), but values in this bulletin are from a non-recording rain gage unless indicated by an R.

G Observations appear in "Soil Temperatures" table.

H Observations appear in "Snowfall and Snow on the Ground" table in monthly "Climatological Data" publication.

J Station also published as a "Local Climatological Data" bulletin.

Seasonal Tables: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data are published in the July issue of "Climatological Data".

Cooling degree days for the calendar year are published in the "Climatological Data Annual Summary".

Additional precipitation data are contained in the "Hourly Precipitation Data" bulletin for each state.

Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Centers For Environmental Information. Historical information of regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication. The contents of this publication may be reprinted or otherwise used freely, with proper credit to the National Centers For Environmental Information. The data are also available digitally.

ERRATA

Beginning in January of 2011, CD Publications are produced from the Global Historical Climatology Network data set. (<http://www.ncdc.noaa.gov/oa/climate/ghcn-daily/>) The GHCND data Version is printed on first page of the publication.

New flags were added to indicate:

E Normalized HDD/CDD, Evap, and Wind Movement Calculations in 2011, previously was B.

F Monthly calculation flagged value.

Station metadata is provided by NCEI's Products Branch from the Historical Observing Metadata Repository: <http://www.ncdc.noaa.gov/homr>

As of the 2011 Data-Year, Station and Climate Division Maps are no longer being included in the CD Publications. NCEI's Products Branch provides updated Station Maps for various data networks via the Historical Observing Metadata Repository: <http://www.ncdc.noaa.gov/homr>.

Beginning with the January 2013 CD Publication, monthly mean temperature calculations have changed to the National Data Stewardship Team standard. Monthly maximum and minimum temperatures are not rounded until after the monthly mean temperature is calculated. This is the most accurate outcome, but may be slightly different from the mean derived from rounded monthly maximum and minimum.

Processing Updates and Errata: The CD Publications are periodically reproduced to include the addition of late reports and reported corrections. The GHCND data version noted on the cover of the publication provides the generation date.

The climate division temperature and precipitation values in this publication are based on simple averages from the current set of NWS-Designated Open and Published COOP and First Order Sites within each division. These values differ from those found in NCEI's nClimDiv product. Beginning in February 2014, the nClimDiv product is used by NCEI's Monitoring Branch and in its monthly climate reports. For more details on nClimDiv, please go to <http://www.ncdc.noaa.gov/monitoring-references/maps/us-climate-divisions.php>.

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151 Patton Avenue
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Customer Services Number: (828) 271-4800, option 2
TDD : (828) 271-4010
Fax number: (828) 271-4876

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