

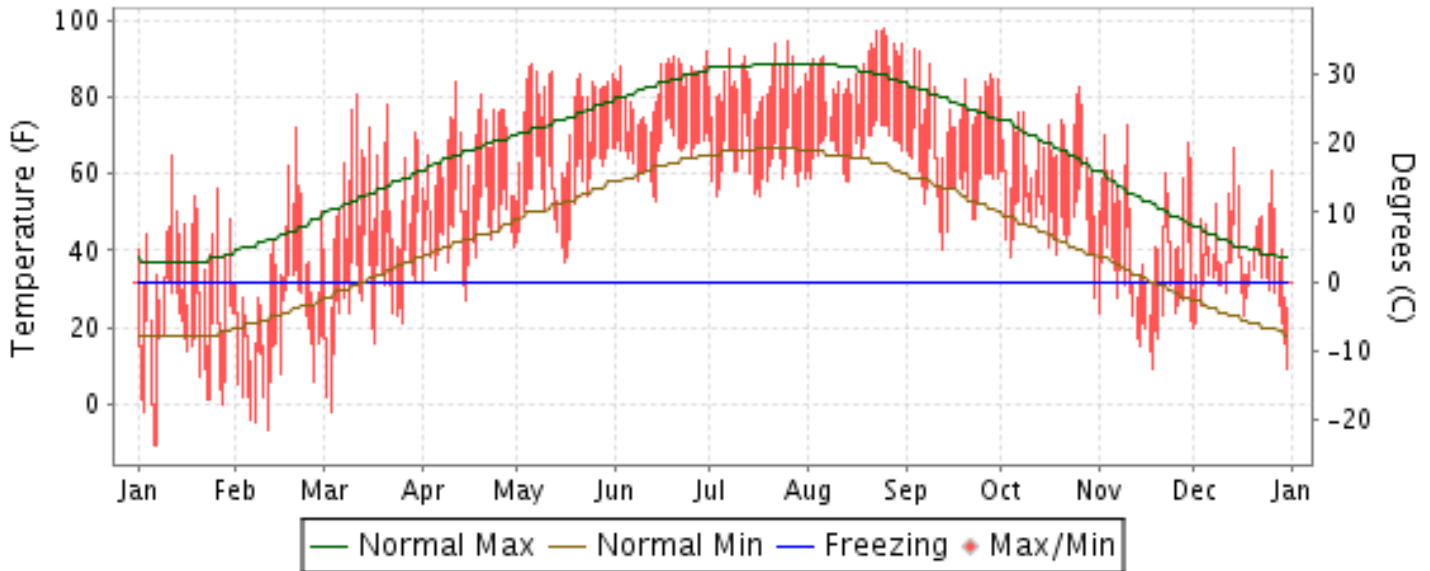


2014 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

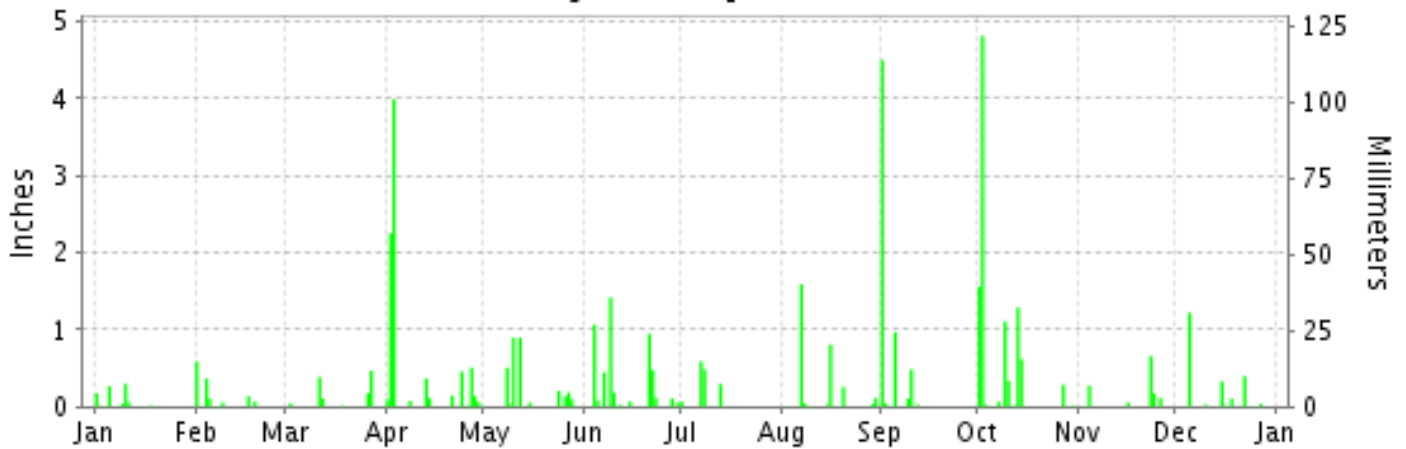
ISSN 0198-2834

COLUMBIA, MISSOURI (KCOU)

Daily Max/Min Temperature



Daily Precipitation



Daily Station Pressure



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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER ASHEVILLE, NORTH CAROLINA

Thomas R. Karl
DIRECTOR
NATIONAL CLIMATIC DATA CENTER

METEOROLOGICAL DATA FOR 2014

COLUMBIA (KCOU)

LATITUDE:
38° 49'N

LONGITUDE:
92° 13'W

ELEVATION (FT):
GRND: 893 BARO: 884

TIME ZONE:
CENTRAL (UTC -6)

WBAN: 03945

| ELEMENT | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR | |
|----------------------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|---------|--|
| TEMPERATURE °F | MEAN DAILY MAXIMUM | 36.3 | 34.9 | 54.2 | 66.0 | 76.7 | 83.0 | 84.3 | 87.9 | 78.7 | 67.1 | 48.5 | 42.8 | 63.4 | |
| | HIGHEST DAILY MAXIMUM | 65 | 72 | 81 | 84 | 89 | 92 | 95 | 98 | 93 | 83 | 73 | 67 | 98 | |
| | DATE OF OCCURRENCE | 12 | 20 | 11 | 12 | 06 | 30 | 26 | 25 | 04 | 26 | 10 | 14 | AUG 25 | |
| | MEAN DAILY MINIMUM | 13.9 | 15.3 | 28.2 | 44.2 | 55.2 | 65.6 | 62.2 | 67.2 | 57.0 | 47.7 | 28.6 | 30.6 | 43.0 | |
| | LOWEST DAILY MINIMUM | -11 | -7 | -2 | 27 | 37 | 53 | 54 | 58 | 40 | 28 | 9 | 9 | -11 | |
| | DATE OF OCCURRENCE | 07+ | 11 | 03 | 15 | 16 | 14 | 17+ | 14+ | 13 | 31 | 18 | 31 | JAN 07+ | |
| | AVERAGE DRY BULB | 25.1 | 25.1 | 41.2 | 55.1 | 65.9 | 74.3 | 73.2 | 77.5 | 67.9 | 57.4 | 38.5 | 36.7 | 53.2 | |
| | MEAN WET BULB | 21.7 | 21.9 | 34.1 | 48.0 | 59.2 | 69.1 | 66.5 | 70.5 | 52.2 | 34.2 | 34.3 | 34.3 | | |
| | MEAN DEW POINT | 12.6 | 14.6 | 24.3 | 40.5 | 54.2 | 66.4 | 62.4 | 67.4 | 58.3 | 47.5 | 27.5 | 30.5 | 42.2 | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | MAXIMUM >= 90° | 0 | 0 | 0 | 0 | 0 | 4 | 5 | 14 | 2 | 0 | 0 | 0 | 25 | |
| | MAXIMUM <= 32° | 12 | 14 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 3 | 36 | |
| MINIMUM <= 32° | 30 | 25 | 20 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | 20 | 17 | 116 | | |
| MINIMUM <= 0° | 5 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | | |
| H/C | HEATING DEGREE DAYS | 1231 | 1111 | 730 | 300 | 113 | 0 | 0 | 0 | | 247 | 787 | 870 | | |
| | COOLING DEGREE DAYS | 0 | 0 | 0 | 11 | 149 | 287 | 266 | 397 | | 18 | 0 | 0 | | |
| RH | MEAN (PERCENT) | 60 | 66 | 56 | 61 | 68 | 78 | 70 | 76 | 76 | 73 | 66 | 81 | 69 | |
| | HOUR 00 LST | 65 | 68 | 63 | 67 | 79 | 87 | 82 | 86 | 83 | 81 | 71 | 83 | 76 | |
| | HOUR 06 LST | 69 | 75 | 72 | 74 | 82 | 91 | 89 | 92 | 90 | 86 | 77 | 87 | 82 | |
| | HOUR 12 LST | 54 | 59 | 45 | 50 | 57 | 68 | 54 | 62 | 60 | 62 | 57 | 75 | 59 | |
| | HOUR 18 LST | 54 | 60 | 45 | 55 | 58 | 68 | 55 | 63 | 69 | 65 | 58 | 78 | 61 | |
| W/O | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | HEAVY FOG(VISBY <= 1/4 MI) | 1 | 1 | 0 | 0 | 2 | 1 | 2 | 5 | 3 | 3 | 1 | 0 | 19 | |
| | THUNDERSTORMS | 1 | 2 | 2 | 7 | 5 | 7 | 4 | 6 | 5 | 7 | 0 | 0 | 46 | |
| PR | MEAN STATION PRESS. (IN.) | 29.10 | 29.15 | 29.08 | 28.95 | 29.01 | 28.97 | 29.08 | 29.02 | 29.13 | 29.01 | 29.13 | 29.21 | 29.07 | |
| | MEAN SEA-LEVEL PRESS. (IN.) | 30.10 | 30.14 | 30.06 | 29.91 | 29.96 | 29.90 | 30.02 | 29.96 | 30.09 | 29.96 | 30.10 | 30.20 | 30.03 | |
| WINDS | RESULTANT SPEED (MPH) | 5.0 | 1.8 | 0.7 | 2.7 | 3.4 | 4.0 | 1.5 | 1.3 | 1.6 | 1.7 | 4.0 | 1.2 | 1.5 | |
| | RES. DIR. (TENS OF DEGS.) | 27 | 34 | 24 | 19 | 17 | 18 | 24 | 17 | 14 | 28 | 25 | 15 | 22 | |
| | MEAN SPEED (MPH) | 12.6 | 9.7 | 11.9 | 11.0 | 8.9 | 8.9 | 7.7 | 6.5 | 7.5 | 9.1 | 11.0 | 9.1 | 9.5 | |
| | PREVAIL.DIR.(TENS OF DEGS.) | 18 | 01 | 36 | 16 | 16 | 18 | 17 | 16 | 12 | 29 | 17 | 14 | 18 | |
| | MAXIMUM 2-MINUTE WIND | | | | | | | | | | | | | | |
| | SPEED (MPH) | 44 | 49 | 39 | 39 | 49 | 38 | 46 | 30 | 35 | 31 | 32 | 30 | 49 | |
| | DIR. (TENS OF DEGS.) | 34 | 26 | 35 | 27 | 32 | 34 | 31 | 24 | 25 | 31 | 32 | 24 | 32 | |
| | DATE OF OCCURRENCE | 26 | 20 | 11 | 24 | 10 | 04 | 07 | 20 | 05 | 03 | 23 | 15 | MAY 10 | |
| | MAXIMUM 3-SECOND WIND: | | | | | | | | | | | | | | |
| | SPEED (MPH) | 53 | 59 | 48 | 63 | 61 | 56 | 58 | 38 | 55 | 40 | 42 | 37 | 63 | |
| DIR. (TENS OF DEGS.) | 34 | 25 | 35 | 26 | 32 | 33 | 32 | 24 | 26 | 31 | 32 | 28 | 26 | | |
| DATE OF OCCURRENCE | 26 | 20 | 11 | 24 | 10 | 04 | 07 | 29 | 05 | 03 | 23 | 16 | APR 24 | | |
| PRECIPITATION | WATER EQUIVALENT: | | | | | | | | | | | | | | |
| | TOTAL (IN.) | 0.90 | 1.36 | 1.23 | 8.28 | 3.05 | 5.07 | 1.46 | 2.94 | | 10.18 | 1.32 | 2.18 | | |
| | GREATEST 24-HOUR (IN.) | 0.36 | 0.59 | 0.65 | 3.99 | 0.90 | 1.43 | 1.08 | 1.59 | 4.53 | 5.25 | 0.84 | 1.22 | | |
| | DATE OF OCCURRENCE | 10-11 | 01 | 26-27 | 03 | 12+ | 09-10 | 07-08 | 07 | 01-02 | 01-02 | 23-24 | 05 | | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| PRECIPITATION 0.01 | 8 | 8 | 7 | 13 | 10 | 14 | 5 | 11 | 6 | 13 | 7 | 10 | | | |
| PRECIPITATION 0.10 | 3 | 4 | 4 | 9 | 7 | 8 | 3 | 4 | 4 | 7 | 4 | 4 | | | |
| PRECIPITATION 1.00 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 1 | 1 | 4 | 0 | 1 | | | |
| SNOWFALL | SNOW,ICE PELLETS,HAIL | | | | | | | | | | | | | | |
| | TOTAL (IN.) | 7.5 | 7.4 | 0.5 | T | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 1.0 | 17.2 | |
| | GREATEST 24-HOUR (IN.) | 4.8 | 4.2 | 0.4 | T | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 1.0 | 4.8 | |
| | DATE OF OCCURRENCE | 05 | 04 | 02 | 14 | | | | | | | 16 | 18 | JAN 05 | |
| | MAXIMUM SNOW DEPTH (IN.) | 5 | 6 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 6 | |
| | DATE OF OCCURRENCE | 07+ | 12+ | 03+ | | | | | | | | 17 | 18 | FEB 12+ | |
| NUMBER OF DAYS WITH: | | | | | | | | | | | | | | | |
| SNOWFALL >= 1.0 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | | |

NORMALS, MEANS, AND EXTREMES COLUMBIA (KCOU)

LATITUDE:
38° 49'N

LONGITUDE:
92° 13'W

ELEVATION (FT):
GRND: 893 BARO: 884

TIME ZONE:
CENTRAL (UTC -6)

WBAN: 03945

| | ELEMENT | POR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|--|--|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----------|
| TEMPERATURE °F | NORMAL DAILY MAXIMUM | 30 | 38.5 | 43.9 | 55.2 | 66.1 | 74.5 | 83.0 | 87.6 | 87.0 | 78.8 | 67.1 | 53.9 | 41.1 | 64.7 |
| | MEAN DAILY MAXIMUM | 104 | 38.5 | 40.2 | 54.2 | 64.5 | 74.7 | 82.0 | 88.7 | 87.5 | 78.2 | 68.3 | 52.9 | 41.8 | 64.3 |
| | HIGHEST DAILY MAXIMUM | 45 | 77 | 82 | 85 | 90 | 92 | 107 | 111 | 110 | 101 | 94 | 83 | 76 | 111 |
| | YEAR OF OCCURRENCE | | 2013 | 1972 | 2012 | 1987 | 2012 | 2012 | 1980 | 1984 | 1971 | 2006 | 1978 | 1991 | JUL 1980 |
| | MEAN OF EXTREME MAXS. | 107 | 60.6 | 67.9 | 78.8 | 84.7 | 86.9 | 93.0 | 97.6 | 98.7 | 92.1 | 84.6 | 74.3 | 64.3 | 82.0 |
| | NORMAL DAILY MINIMUM | 30 | 20.9 | 24.9 | 34.0 | 44.0 | 53.5 | 62.8 | 67.0 | 65.4 | 56.4 | 45.0 | 34.9 | 23.7 | 44.4 |
| | MEAN DAILY MINIMUM | 104 | 20.5 | 22.4 | 33.6 | 43.5 | 53.7 | 61.8 | 66.9 | 65.4 | 56.4 | 45.9 | 33.6 | 24.8 | 44.0 |
| | LOWEST DAILY MINIMUM | 45 | -19 | -15 | -5 | 19 | 29 | 40 | 48 | 42 | 29 | 22 | 0 | -20 | -20 |
| | YEAR OF OCCURRENCE | | 1982 | 1979 | 1978 | 2007 | 1976 | 1993 | 1975 | 1986 | 2003 | 2013 | 1991 | 1989 | DEC 1989 |
| | MEAN OF EXTREME MINS. | 107 | -1.5 | 2.4 | 15.0 | 28.2 | 39.3 | 51.0 | 56.6 | 54.9 | 40.7 | 29.3 | 17.3 | 4.5 | 28.1 |
| | NORMAL DRY BULB | 30 | 29.7 | 34.4 | 44.6 | 55.0 | 64.0 | 72.9 | 77.3 | 76.2 | 67.6 | 56.0 | 44.4 | 32.4 | 54.5 |
| | MEAN DRY BULB | 107 | 29.6 | 31.3 | 43.9 | 54.1 | 64.2 | 72.0 | 77.8 | 76.5 | 67.4 | 57.1 | 43.3 | 33.3 | 54.2 |
| | MEAN WET BULB | 31 | 25.0 | 28.7 | 37.4 | 46.8 | 57.2 | 65.7 | 69.1 | 67.7 | 59.8 | 48.8 | 37.8 | 28.9 | 47.7 |
| | MEAN DEW POINT | 31 | 23.3 | 26.1 | 34.7 | 44.3 | 55.6 | 64.3 | 67.9 | 66.6 | 57.9 | 46.9 | 36.0 | 26.8 | 45.9 |
| | NORMAL NO. DAYS WITH: MAXIMUM >= 90 | 30 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 3.8 | 11.2 | 10.9 | 2.5 | 0.1 | 0.0 | 0.0 | 28.8 |
| | MAXIMUM <= 32 | 30 | 9.4 | 5.5 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 6.9 | 23.6 |
| | MINIMUM <= 32 | 30 | 25.9 | 20.7 | 13.8 | 2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 12.2 | 24.2 | 101.6 |
| MINIMUM <= 0 | 30 | 1.5 | 0.5 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 3.2 | |
| H/C | NORMAL HEATING DEG. DAYS | 30 | 1094 | 857 | 636 | 321 | 109 | 11 | 0 | 2 | 66 | 297 | 620 | 1010 | 5023 |
| | NORMAL COOLING DEG. DAYS | 30 | 0 | 0 | 3 | 22 | 78 | 248 | 382 | 350 | 144 | 20 | 2 | 0 | 1249 |
| RH | NORMAL (PERCENT) | 30 | 74 | 72 | 67 | 66 | 72 | 73 | 72 | 73 | 72 | 70 | 72 | 75 | 72 |
| | HOURLY 00 LST | 30 | 77 | 76 | 72 | 71 | 80 | 83 | 83 | 83 | 81 | 77 | 77 | 78 | 78 |
| | HOURLY 06 LST | 30 | 80 | 81 | 79 | 79 | 86 | 87 | 88 | 89 | 88 | 85 | 83 | 82 | 84 |
| | HOURLY 12 LST | 30 | 67 | 64 | 58 | 56 | 61 | 60 | 58 | 57 | 58 | 57 | 63 | 69 | 61 |
| | HOURLY 18 LST | 30 | 70 | 66 | 58 | 55 | 61 | 62 | 60 | 61 | 64 | 62 | 68 | 71 | 63 |
| S | PERCENT POSSIBLE SUNSHINE | 27 | 50 | 49 | 50 | 55 | 57 | 64 | 67 | 64 | 60 | 59 | 47 | 45 | 56 |
| W/O | MEAN NO. DAYS WITH: HEAVY FOG (VISIBY <= 1/4 MI) | 45 | 2.8 | 2.4 | 1.9 | 1.1 | 1.7 | 1.0 | 1.6 | 2.0 | 2.3 | 1.7 | 1.5 | 3.1 | 23.1 |
| | THUNDERSTORMS | 45 | 0.7 | 1.1 | 2.8 | 5.2 | 7.6 | 7.3 | 7.2 | 6.5 | 4.7 | 3.1 | 1.7 | 0.7 | 48.6 |
| CLOUDINESS | MEAN: SUNRISE-SUNSET (OKTAS) MIDNIGHT-MIDNIGHT (OKTAS) | | | | | | | | | | | | | | |
| | MEAN NO. DAYS WITH: CLEAR | 1 | 1.0 | 2.0 | 4.0 | | 7.0 | 12.0 | | | | | | | |
| | PARTLY CLOUDY | 1 | 2.0 | 2.0 | 4.0 | | 2.0 | 5.0 | | | | | | | |
| | CLOUDY | 1 | 3.0 | 3.0 | 12.0 | | 8.0 | 7.0 | | | | | | | |
| PR | MEAN STATION PRESSURE (IN) | 31 | 29.14 | 29.12 | 29.06 | 28.98 | 29.00 | 29.00 | 29.05 | 29.06 | 29.08 | 29.09 | 29.11 | 29.14 | 29.07 |
| | MEAN SEA-LEVEL PRES. (IN) | 31 | 30.13 | 30.10 | 30.03 | 29.94 | 29.94 | 29.94 | 29.98 | 30.00 | 30.03 | 30.05 | 30.08 | 30.12 | 30.03 |
| WINDS | MEAN SPEED (MPH) | 31 | 10.6 | 10.5 | 11.3 | 11.2 | 9.3 | 8.3 | 7.6 | 7.4 | 8.1 | 9.3 | 10.5 | 10.3 | 9.5 |
| | PREVAIL. DIR. (TENS OF DEGS) | 39 | 31 | 31 | 32 | 19 | 17 | 19 | 19 | 19 | 15 | 17 | 17 | 31 | 19 |
| | MAXIMUM 2-MINUTE: SPEED (MPH) | 19 | 44 | 49 | 54 | 54 | 52 | 53 | 46 | 59 | 38 | 47 | 45 | 39 | 59 |
| | DIR. (TENS OF DEGS) | | 34 | 26 | 23 | 23 | 30 | 34 | 31 | 01 | 27 | 25 | 19 | 26 | 01 |
| | YEAR OF OCCURRENCE | | 2014 | 2014 | 2011 | 2002 | 2009 | 2011 | 2014 | 2003 | 2003 | 1996 | 1998 | 2008 | AUG 2003 |
| | MAXIMUM 3-SECOND SPEED (MPH) | 19 | 53 | 59 | 64 | 68 | 64 | 74 | 58 | 81 | 55 | 59 | 60 | 49 | 81 |
| | DIR. (TENS OF DEGS) | | 34 | 25 | 23 | 33 | 27 | 32 | 32 | 36 | 26 | 25 | 31 | 30 | 36 |
| YEAR OF OCCURRENCE | | 2014 | 2014 | 2011 | 2001 | 2011 | 2006 | 2014 | 2003 | 2014 | 1996 | 2010 | 2012 | AUG 2003 | |
| PRECIPITATION | NORMAL (IN) | 30 | 1.92 | 2.25 | 2.91 | 4.49 | 4.98 | 4.47 | 4.37 | 4.36 | 3.87 | 3.31 | 3.25 | 2.44 | 42.62 |
| | MAXIMUM MONTHLY (IN) | 45 | 5.94 | 6.18 | 10.09 | 11.69 | 12.31 | 10.28 | 12.14 | 10.19 | 12.06 | 10.99 | 10.42 | 6.96 | 12.31 |
| | YEAR OF OCCURRENCE | | 2005 | 1985 | 1973 | 1994 | 1995 | 1985 | 1981 | 2005 | 1993 | 2009 | 1985 | 1982 | MAY 1995 |
| | MINIMUM MONTHLY (IN) | 45 | 0.05 | 0.11 | 0.78 | 0.89 | 1.31 | 0.35 | 0.24 | 0.21 | 0.45 | 0.36 | 0.42 | 0.48 | 0.05 |
| | YEAR OF OCCURRENCE | | 1986 | 2006 | 1971 | 2000 | 2012 | 1980 | 1976 | 1976 | 1979 | 2010 | 1989 | 1996 | JAN 1986 |
| | MAXIMUM IN 24 HOURS (IN) | 45 | 2.27 | 2.88 | 4.03 | 4.50 | 5.73 | 3.87 | 5.95 | 5.43 | 4.72 | 5.25 | 2.97 | 2.88 | 5.95 |
| | YEAR OF OCCURRENCE | | 2008 | 1985 | 1990 | 1996 | 1995 | 1995 | 1989 | 1993 | 2008 | 2014 | 1983 | 1982 | JUL 1989 |
| | NORMAL NO. DAYS WITH: PRECIPITATION >= 0.01 | 30 | 7.7 | 8.0 | 10.6 | 10.8 | 12.5 | 9.7 | 8.8 | 8.6 | 8.1 | 9.5 | 9.7 | 8.4 | 112.4 |
| | PRECIPITATION >= 1.00 | 30 | 0.4 | 0.7 | 0.5 | 1.1 | 1.1 | 1.4 | 1.3 | 1.5 | 1.3 | 0.8 | 0.8 | 0.7 | 11.6 |
| SNOWFALL | NORMAL (IN) | 30 | 6.1 | 4.7 | 1.7 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 | 4.4 | 18.0 |
| | MAXIMUM MONTHLY (IN) | 41 | 23.5 | 23.3 | 18.0 | 7.1 | T | T | T | T | 0.0 | 0.1 | 8.3 | 17.8 | 23.5 |
| | YEAR OF OCCURRENCE | | 1979 | 2011 | 1978 | 1980 | 2013 | 1990 | 2010 | 2003 | | 1976 | 1971 | 1973 | JAN 1979 |
| | MAXIMUM IN 24 HOURS (IN) | 41 | 19.7 | 17.5 | 9.6 | 7.1 | T | T | T | T | 0.0 | 0.1 | 8.1 | 12.7 | 19.7 |
| | YEAR OF OCCURRENCE | | 1995 | 2011 | 2013 | 1980 | 2013 | 1990 | 2010 | 2003 | | 1976 | 1975 | 1987 | JAN 1995 |
| | MAXIMUM SNOW DEPTH (IN) | 40 | 13 | 18 | 12 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 15 | 18 |
| | YEAR OF OCCURRENCE | | 1995 | 2011 | 1978 | 1980 | | | | | | | 1975 | 2006 | FEB 2011 |
| NORMAL NO. DAYS WITH: SNOWFALL >= 1.0 | 30 | 1.7 | 1.4 | 0.6 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 1.3 | 5.4 | |

PRECIPITATION (inches) 2014 COLUMBIA (KCOU)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|--------|
| 1985 | 1.13 | 6.18 | 3.18 | 2.89 | 5.04 | 10.28 | 1.91 | 6.14 | 2.08 | 2.74 | 10.42 | 3.38 | 55.37 |
| 1986 | 0.05 | 4.10 | 1.16 | 2.67 | 5.33 | 1.98 | 3.43 | 3.01 | 9.58 | 6.02 | 2.31 | 2.05 | 41.69 |
| 1987 | 2.04 | 0.90 | 1.82 | 1.87 | 2.78 | 2.24 | 5.24 | 3.17 | 2.92 | 1.75 | 3.35 | 5.48 | 33.56 |
| 1988 | 1.57 | 2.23 | 4.09 | 1.97 | 2.45 | 0.47 | 2.26 | 4.14 | 2.32 | 1.25 | 4.35 | 3.42 | 30.52 |
| 1989 | 1.32 | 1.57 | 2.95 | 1.94 | 4.84 | 3.23 | 7.36 | 7.24 | 1.54 | 1.44 | 0.42 | 0.78 | 34.63 |
| 1990 | 1.97 | 3.86 | 7.22 | 2.84 | 10.51 | 7.20 | 6.00 | 3.95 | 0.93 | 2.58 | 3.07 | 3.49 | 53.62 |
| 1991 | 1.56 | 0.11 | 2.13 | 4.45 | 4.17 | 2.36 | 3.23 | 3.86 | 3.43 | 3.81 | 3.09 | 2.72 | 34.92 |
| 1992 | 0.52 | 1.96 | 3.82 | 1.83 | 1.57 | 1.64 | 5.40 | 1.61 | 4.25 | 1.03 | 8.10 | 2.64 | 34.37 |
| 1993 | 2.37 | 1.99 | 2.14 | 5.54 | 4.81 | 7.28 | 10.16 | 8.37 | 12.06 | 2.05 | 4.20 | 1.52 | 62.49 |
| 1994 | 0.82 | 2.15 | 1.31 | 11.69 | 2.39 | 2.87 | 1.51 | 4.08 | 1.01 | 4.16 | 5.38 | 0.90 | 38.27 |
| 1995 | 4.78 | 1.80 | 0.96 | 7.19 | 12.31 | 6.05 | 4.84 | 4.55 | 1.59 | 1.15 | 1.30 | 1.72 | 48.24 |
| 1996 | 2.90 | 0.37 | 2.37 | 6.49 | 6.52 | 2.35 | 3.50 | 1.76 | 5.70 | 2.86 | 4.69 | .48 | 39.99 |
| 1997 | 2.35 | 4.85 | 1.86 | 2.70 | 5.78 | 3.16 | 0.42 | 5.50 | 2.30 | 3.11 | 3.34 | 1.79 | 37.16 |
| 1998 | 1.42 | 4.30 | 4.60 | 5.07 | 1.43 | 7.05 | 5.58 | 0.43 | 4.40 | 7.28 | 1.87 | 1.22 | 44.65 |
| 1999 | 3.00 | 2.15 | 2.49 | 5.15 | 3.88 | 3.32 | 1.85 | 0.83 | 1.43 | 1.31 | 1.00 | 3.36 | 29.77 |
| 2000 | 0.77 | 3.39 | 2.11 | 0.89 | 5.55 | 5.44 | 4.07 | 9.10 | 1.75 | 3.60 | 1.74 | 0.87 | 39.28 |
| 2001 | 2.69 | 4.41 | 1.09 | 3.40 | 6.37 | 5.24 | 3.98 | 3.23 | 3.01 | 4.03 | 1.61 | 1.45 | 40.51 |
| 2002 | 2.58 | 0.62 | 1.61 | 4.69 | 10.08 | 3.30 | 2.32 | 8.49 | 1.60 | 4.02 | 0.91 | 2.08 | 42.30 |
| 2003 | 0.88 | 1.40 | 2.81 | 4.37 | 4.93 | 5.58 | 1.07 | 3.03 | 7.76 | 2.13 | 2.00 | 3.47 | 39.43 |
| 2004 | 2.37 | 0.70 | 7.25 | 3.77 | 5.47 | 2.73 | 5.10 | 6.26 | 1.10 | 4.82 | 5.40 | 0.98 | 45.95 |
| 2005 | 5.94 | 1.94 | 0.92 | 4.33 | 2.01 | 4.66 | 0.62 | 10.19 | 5.60 | 2.97 | 1.08 | 0.95 | 41.21 |
| 2006 | 1.91 | 0.11 | 3.37 | 3.25 | 1.94 | 3.77 | 2.09 | 4.48 | 1.63 | 3.46 | 2.76 | 1.35 | 30.12 |
| 2007 | 2.73 | 2.01 | 2.35 | 4.29 | 2.89 | 4.36 | 1.20 | 1.45 | 2.91 | 3.75 | 1.46 | 3.52 | 32.92 |
| 2008 | 2.57 | 3.69 | 5.37 | 4.27 | 6.34 | 5.44 | 10.52 | 2.58 | 10.77 | 1.28 | 1.38 | 2.57 | 56.78 |
| 2009 | 0.26 | 2.34 | 3.67 | 5.85 | 4.27 | 4.40 | 7.14 | 3.37 | 3.54 | 10.99 | 1.87 | 2.76 | 50.46 |
| 2010 | 2.28 | 2.33 | 2.82 | 6.89 | 4.36 | 4.02 | 7.51 | 4.42 | 6.97 | 0.36 | 1.73 | 2.28 | 45.97 |
| 2011 | 1.03 | 3.13 | 4.31 | 3.96 | 4.60 | 4.75 | 3.22 | 3.19 | 2.52 | 0.96 | 4.50 | 3.51 | 39.68 |
| 2012 | 0.74 | 2.89 | 4.22 | 8.05 | 1.31 | 1.63 | 1.58 | 2.53 | 2.24 | 3.08 | 0.99 | 1.64 | 30.90 |
| 2013 | 2.38 | 3.86 | 3.29 | 7.39 | 9.79 | 2.05 | 2.45 | 1.88 | 2.42 | 2.83 | 1.47 | 1.71 | 41.52 |
| 2014 | 0.90 | 1.36 | 1.23 | 8.28 | 3.05 | 5.07 | 1.46 | 2.94 | | 10.18 | 1.32 | 2.18 | |
| POR= 107 YRS | 1.87 | 1.93 | 3.01 | 4.12 | 4.88 | 4.59 | 3.46 | 3.81 | 4.11 | 3.17 | 2.61 | 2.08 | 39.64 |

WBAN : 03945

AVERAGE TEMPERATURE (°F) 2014 COLUMBIA (KCOU)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1985 | 19.9 | 27.5 | 48.2 | 58.8 | 64.5 | 69.0 | 76.6 | 72.5 | 67.5 | 58.4 | 42.3 | 24.5 | 52.5 |
| 1986 | 33.6 | 32.7 | 48.2 | 58.2 | 66.0 | 76.0 | 80.2 | 71.7 | 71.4 | 57.2 | 39.3 | 34.6 | 55.8 |
| 1987 | 29.6 | 39.8 | 47.4 | 55.5 | 69.1 | 75.6 | 79.2 | 77.1 | 67.7 | 51.6 | 46.2 | 35.9 | 56.2 |
| 1988 | 27.7 | 28.1 | 43.8 | 54.1 | 66.1 | 75.2 | 78.6 | 79.0 | 69.5 | 51.1 | 45.3 | 34.0 | 54.4 |
| 1989 | 38.1 | 23.2 | 43.7 | 54.9 | 61.6 | 70.2 | 76.4 | 74.2 | 63.5 | 57.7 | 43.7 | 21.5 | 52.4 |
| 1990 | 39.5 | 38.3 | 46.3 | 53.1 | 59.5 | 73.2 | 75.5 | 75.2 | 70.6 | 55.3 | 50.3 | 31.7 | 55.7 |
| 1991 | 25.9 | 39.9 | 48.7 | 57.8 | 70.2 | 75.9 | 77.9 | 76.7 | 67.4 | 57.3 | 39.1 | 37.0 | 56.2 |
| 1992 | 35.2 | 40.1 | 46.5 | 55.0 | 62.1 | 70.3 | 75.2 | 70.3 | 66.0 | 56.8 | 40.7 | 33.4 | 54.3 |
| 1993 | 29.5 | 29.3 | 39.9 | 51.5 | 63.4 | 72.4 | 78.3 | 76.9 | 62.7 | 52.9 | 40.0 | 34.6 | 52.6 |
| 1994 | 24.6 | 31.5 | 45.7 | 54.8 | 62.9 | 75.3 | 75.2 | 74.5 | 66.2 | 57.7 | 47.8 | 37.7 | 54.5 |
| 1995 | 26.9 | 34.5 | 46.4 | 53.1 | 60.8 | 73.0 | 78.2 | 80.7 | 64.5 | 57.5 | 39.9 | 31.8 | 53.9 |
| 1996 | 26.3 | 35.0 | 38.2 | 52.1 | 65.6 | 72.2 | 74.3 | 75.1 | 64.8 | 56.3 | 37.9 | 33.3 | 52.6 |
| 1997 | 25.2 | 36.4 | 45.8 | 48.9 | 58.7 | 71.1 | 77.3 | 74.8 | 68.2 | 56.7 | 40.5 | 33.4 | 53.1 |
| 1998 | 34.8 | 40.8 | 40.8 | 53.8 | 69.7 | 73.1 | 76.9 | 77.0 | 72.6 | 57.7 | 48.3 | 35.2 | 56.7 |
| 1999 | 28.3 | 41.6 | 41.6 | 56.4 | 63.6 | 72.2 | 80.0 | 75.7 | 66.8 | 56.7 | 51.8 | 36.2 | 55.9 |
| 2000 | 31.7 | 42.0 | 47.2 | 54.0 | 67.1 | 70.3 | 75.8 | 78.5 | 67.9 | 59.9 | 38.7 | 19.8 | 54.4 |
| 2001 | 29.3 | 33.3 | 39.9 | 61.4 | 65.1 | 71.2 | 78.4 | 76.8 | 66.2 | 55.4 | 50.8 | 37.5 | 55.4 |
| 2002 | 34.4 | 37.0 | 40.2 | 56.5 | 60.3 | 74.1 | 78.8 | 77.1 | 70.2 | 51.6 | 41.1 | 35.1 | 54.7 |
| 2003 | 25.5 | 29.7 | 44.5 | 56.7 | 63.1 | 69.2 | 77.4 | 79.1 | 64.3 | 56.7 | 46.0 | 36.0 | 54.0 |
| 2004 | 27.6 | 32.6 | 47.0 | 56.5 | 66.4 | 70.4 | 74.2 | 70.2 | 68.7 | 58.2 | 46.8 | 35.4 | 54.5 |
| 2005 | 31.6 | 39.4 | 43.3 | 57.1 | 64.1 | 75.5 | 79.6 | 78.1 | 71.3 | 56.9 | 46.7 | 31.1 | 56.2 |
| 2006 | 41.1 | 34.0 | 46.3 | 61.1 | 64.9 | 73.8 | 80.3 | 79.4 | 65.6 | 53.3 | 47.0 | 37.8 | 57.1 |
| 2007 | 30.8 | 28.9 | 52.8 | 52.4 | 69.3 | 74.0 | 76.5 | 82.9 | 72.8 | 60.7 | 45.0 | 33.3 | 56.6 |
| 2008 | 31.4 | 30.9 | 43.8 | 53.2 | 62.6 | 73.8 | 76.6 | 73.4 | 67.0 | 55.7 | 42.4 | 29.8 | 53.4 |
| 2009 | 27.0 | 36.8 | 46.6 | 53.1 | 64.0 | 74.2 | 72.3 | 72.0 | 66.5 | 50.7 | 50.0 | 30.7 | 53.7 |
| 2010 | 24.7 | 27.0 | 45.8 | 60.4 | 64.4 | 76.6 | 78.7 | 78.3 | 68.2 | 58.7 | 46.0 | 28.5 | 54.8 |
| 2011 | 24.7 | 31.9 | 44.5 | 57.6 | 62.4 | 75.1 | 82.2 | 77.5 | 64.2 | 58.1 | 47.4 | 37.8 | 55.3 |
| 2012 | 35.4 | 39.9 | 59.7 | 58.7 | 70.6 | 76.8 | 85.4 | 78.7 | 67.9 | 54.5 | 45.8 | 39.0 | 59.4 |
| 2013 | 33.7 | 34.2 | 38.5 | 53.3 | 64.0 | 73.5 | 75.1 | 75.8 | 71.1 | 56.3 | 41.9 | 29.9 | 53.9 |
| 2014 | 25.1 | 25.1 | 41.2 | 55.1 | 65.9 | 74.3 | 73.2 | 77.5 | 67.9 | 57.4 | 38.5 | 36.7 | 53.2 |
| POR= 107 YRS | 29.6 | 31.3 | 43.9 | 54.1 | 64.2 | 72.0 | 77.8 | 76.5 | 67.4 | 57.1 | 43.3 | 33.3 | 54.2 |

HEATING DEGREE DAYS (base 65°F) 2014 COLUMBIA (KCOU)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|---------|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-----|-------|
| 1985-86 | 0 | 2 | 99 | 210 | 674 | 1249 | 964 | 897 | 521 | 227 | 53 | 0 | 4896 |
| 1986-87 | 0 | 15 | 13 | 251 | 765 | 937 | 1093 | 699 | 539 | 307 | 19 | 0 | 4638 |
| 1987-88 | 0 | 2 | 29 | 409 | 560 | 898 | 1150 | 1064 | 653 | 323 | 37 | 2 | 5127 |
| 1988-89 | 4 | 2 | 16 | 434 | 583 | 955 | 828 | 1164 | 660 | 356 | 169 | 14 | 5185 |
| 1989-90 | 0 | 2 | 122 | 244 | 635 | 1342 | 781 | 740 | 590 | 390 | 172 | 13 | 5031 |
| 1990-91 | 7 | 1 | 39 | 311 | 435 | 1027 | 1205 | 698 | 511 | 221 | 49 | 0 | 4504 |
| 1991-92 | 0 | 0 | 110 | 254 | 771 | 861 | 918 | 717 | 567 | 320 | 136 | 15 | 4669 |
| 1992-93 | 0 | 13 | 88 | 264 | 722 | 973 | 1094 | 995 | 775 | 396 | 87 | 27 | 5434 |
| 1993-94 | 0 | 4 | 117 | 375 | 743 | 935 | 1244 | 930 | 592 | 327 | 107 | 3 | 5377 |
| 1994-95 | 0 | 5 | 79 | 248 | 514 | 843 | 1173 | 848 | 567 | 357 | 153 | 0 | 4787 |
| 1995-96 | 0 | 0 | 122 | 236 | 747 | 1019 | 1191 | 863 | 823 | 392 | 106 | 23 | 5522 |
| 1996-97 | 0 | 0 | 90 | 274 | 805 | 975 | 1228 | 792 | 589 | 477 | 212 | 15 | 5457 |
| 1997-98 | 3 | 0 | 29 | 309 | 727 | 971 | 930 | 673 | 757 | 332 | 32 | 35 | 4798 |
| 1998-99 | 0 | 0 | 6 | 236 | 490 | 918 | 1131 | 650 | 718 | 269 | 76 | 17 | 4511 |
| 1999-00 | 0 | 0 | 77 | 264 | 389 | 884 | 1024 | 663 | 546 | 327 | 68 | 13 | 4255 |
| 2000-01 | 0 | 0 | 68 | 191 | 791 | 1393 | 1099 | 880 | 769 | 178 | 82 | 20 | 5471 |
| 2001-02 | 0 | 0 | 67 | 300 | 421 | 846 | 943 | 777 | 762 | 295 | 176 | 1 | 4588 |
| 2002-03 | 0 | 0 | 23 | 437 | 714 | 920 | 1217 | 983 | 625 | 272 | 93 | 36 | 5320 |
| 2003-04 | 0 | 0 | 84 | 254 | 568 | 894 | 1150 | 933 | 555 | 278 | 92 | 3 | 4811 |
| 2004-05 | 0 | 19 | 18 | 223 | 540 | 911 | 1026 | 708 | 663 | 253 | 104 | 0 | 4465 |
| 2005-06 | 0 | 0 | 32 | 286 | 547 | 1044 | 735 | 865 | 576 | 155 | 119 | 0 | 4359 |
| 2006-07 | 0 | 0 | 66 | 396 | 533 | 837 | 1053 | 1006 | 394 | 392 | 27 | 0 | 4704 |
| 2007-08 | 0 | 0 | 19 | 200 | 593 | 977 | 1037 | 983 | 651 | 366 | 125 | 0 | 4951 |
| 2008-09 | 0 | 0 | 39 | 298 | 673 | 1085 | 1169 | 785 | 567 | 387 | 90 | 7 | 5100 |
| 2009-10 | 0 | 11 | 34 | 436 | 446 | 1055 | 1247 | 1055 | 593 | 167 | 117 | 0 | 5161 |
| 2010-11 | 0 | 0 | 28 | 199 | 562 | 1126 | 1243 | 922 | 633 | 247 | 176 | 0 | 5136 |
| 2011-12 | 0 | 0 | 110 | 243 | 522 | 838 | 908 | 722 | 206 | 220 | 17 | 7 | 3793 |
| 2012-13 | 0 | 0 | 49 | 348 | 570 | 798 | 963 | 855 | 814 | 364 | 135 | 6 | 4902 |
| 2013-14 | 0 | 0 | 16 | 308 | 683 | 1080 | 1231 | 1111 | 730 | 300 | 113 | 0 | 5572 |
| 2014- | 0 | 0 | | 247 | 787 | 870 | | | | | | | |

WBAN : 03945

COOLING DEGREE DAYS (base 65°F) 2014 COLUMBIA (KCOU)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1985 | 0 | 0 | 7 | 46 | 56 | 143 | 367 | 243 | 180 | 13 | 0 | 0 | 1055 |
| 1986 | 0 | 0 | 10 | 31 | 90 | 337 | 479 | 231 | 212 | 15 | 0 | 0 | 1405 |
| 1987 | 0 | 0 | 0 | 29 | 151 | 324 | 447 | 384 | 113 | 0 | 3 | 0 | 1451 |
| 1988 | 0 | 0 | 2 | 1 | 78 | 317 | 433 | 442 | 159 | 12 | 0 | 0 | 1444 |
| 1989 | 0 | 0 | 6 | 63 | 73 | 176 | 364 | 293 | 83 | 25 | 2 | 0 | 1085 |
| 1990 | 0 | 0 | 17 | 37 | 10 | 264 | 342 | 326 | 214 | 18 | 1 | 0 | 1229 |
| 1991 | 0 | 0 | 12 | 11 | 219 | 338 | 405 | 371 | 190 | 22 | 0 | 0 | 1568 |
| 1992 | 0 | 0 | 0 | 27 | 53 | 181 | 326 | 184 | 126 | 18 | 0 | 0 | 915 |
| 1993 | 0 | 0 | 2 | 0 | 46 | 259 | 419 | 379 | 56 | 6 | 0 | 0 | 1167 |
| 1994 | 0 | 0 | 1 | 26 | 48 | 319 | 322 | 305 | 120 | 28 | 4 | 0 | 1173 |
| 1995 | 0 | 0 | 0 | 6 | 30 | 249 | 416 | 495 | 114 | 11 | 0 | 0 | 1321 |
| 1996 | 0 | 2 | 0 | 10 | 134 | 246 | 306 | 320 | 91 | 12 | 0 | 0 | 1121 |
| 1997 | 0 | 0 | 0 | 0 | 24 | 208 | 389 | 311 | 130 | 57 | 0 | 0 | 1119 |
| 1998 | 0 | 0 | 14 | 4 | 186 | 282 | 375 | 379 | 240 | 15 | 0 | 0 | 1495 |
| 1999 | 0 | 0 | 0 | 19 | 41 | 239 | 475 | 336 | 140 | 17 | 0 | 0 | 1267 |
| 2000 | 0 | 0 | 1 | 4 | 140 | 180 | 340 | 430 | 161 | 42 | 7 | 0 | 1305 |
| 2001 | 0 | 0 | 0 | 76 | 91 | 213 | 425 | 373 | 108 | 8 | 0 | 0 | 1294 |
| 2002 | 0 | 0 | 0 | 48 | 36 | 282 | 435 | 383 | 187 | 30 | 0 | 0 | 1401 |
| 2003 | 0 | 0 | 0 | 28 | 42 | 169 | 391 | 441 | 72 | 5 | 3 | 0 | 1151 |
| 2004 | 0 | 0 | 2 | 27 | 144 | 171 | 293 | 184 | 135 | 18 | 0 | 0 | 974 |
| 2005 | 0 | 0 | 0 | 22 | 85 | 326 | 458 | 414 | 226 | 42 | 6 | 0 | 1579 |
| 2006 | 0 | 0 | 3 | 44 | 123 | 271 | 480 | 454 | 92 | 43 | 0 | 0 | 1510 |
| 2007 | 0 | 0 | 23 | 19 | 167 | 276 | 365 | 562 | 262 | 74 | 1 | 0 | 1749 |
| 2008 | 0 | 0 | 0 | 19 | 56 | 269 | 369 | 267 | 106 | 19 | 0 | 0 | 1105 |
| 2009 | 0 | 0 | 2 | 38 | 67 | 289 | 234 | 236 | 86 | 0 | 0 | 0 | 952 |
| 2010 | 0 | 0 | 5 | 37 | 106 | 357 | 434 | 418 | 131 | 12 | 0 | 0 | 1500 |
| 2011 | 0 | 0 | 4 | 29 | 102 | 309 | 541 | 395 | 94 | 34 | 0 | 0 | 1508 |
| 2012 | 0 | 0 | 48 | 39 | 198 | 369 | 640 | 429 | 141 | 29 | 3 | 0 | 1896 |
| 2013 | 1 | 0 | 0 | 21 | 112 | 267 | 322 | 344 | 207 | 48 | 0 | 0 | 1322 |
| 2014 | 0 | 0 | 0 | 11 | 149 | 287 | 266 | 397 | | 18 | 0 | 0 | |

SNOWFALL (inches) 2014 COLUMBIA (KCOU)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|----------------|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|-------|
| 1985-86 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 3.0 | T | 8.5 | T | T | 0.0 | 0.0 | 11.7 |
| 1986-87 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | 21.2 | T | T | 0.0 | 0.0 | 0.0 | 21.2 |
| 1987-88 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 16.1 | 1.4 | 10.5 | 4.0 | 0.0 | 0.0 | 0.0 | 33.0 |
| 1988-89 | 0.0 | 0.0 | 0.0 | 0.0 | 2.3 | 3.6 | 3.7 | 13.3 | 8.1 | | | | |
| 1989-90 | | | 0.0 | | 0.5 | 6.9 | 0.7 | 6.3 | 8.8 | 0.0 | T | T | |
| 1990-91 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 6.1 | 8.0 | 0.2 | T | 0.0 | 0.0 | 0.0 | 14.5 |
| 1991-92 | 0.0 | 0.0 | 0.0 | 0.0 | 5.5 | 0.7 | 2.0 | 3.5 | 1.9 | T | 0.0 | 0.0 | 13.6 |
| 1992-93 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 1.4 | 7.4 | 20.2 | 2.2 | T | 0.0 | 0.0 | 31.8 |
| 1993-94 | 0.0 | 0.0 | 0.0 | T | 1.2 | 0.8 | 2.8 | 2.5 | 0.7 | 1.4 | 0.0 | 0.0 | 9.4 |
| 1994-95 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 21.6 | 2.3 | 2.2 | T | 0.0 | 0.0 | 27.3 |
| 1995-96 | T | 0.0 | 0.0 | 0.0 | 2.3 | 6.9 | 8.6 | 1.3 | 0.7 | T | 0.0 | 0.0 | 19.8 |
| 1996-97 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.1 | 15.2 | 1.1 | T | T | 0.0 | 0.0 | 18.4 |
| 1997-98 | 0.0 | 0.0 | 0.0 | T | 0.2 | 6.6 | 1.0 | T | 6.4 | 2.5 | 0.0 | 0.0 | 16.7 |
| 1998-99 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 10.5 | 1.5 | T | 0.0 | 0.0 | 0.0 | 13.0 |
| 1999-00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 6.1 | 0.1 | 7.4 | T | 0.0 | 0.0 | 13.8 |
| 2000-01 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 8.8 | 0.2 | 2.7 | T | 0.0 | 0.0 | 0.0 | 11.7 |
| 2001-02 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | 4.0 | T | 4.8 | 0.0 | 0.0 | 0.0 | 8.8 |
| 2002-03 | 0.0 | 0.0 | 0.0 | 0.0 | T | 6.2 | 7.1 | 4.2 | 0.0 | T | 0.0 | 0.0 | 17.5 |
| 2003-04 | 0.0 | T | 0.0 | 0.0 | 0.0 | 8.7 | 2.4 | 1.2 | T | 0.0 | T | 0.0 | 12.3 |
| 2004-05 | 0.0 | 0.0 | 0.0 | 0.0 | 5.2 | 0.0 | 5.6 | 1.3 | T | T | 0.0 | 0.0 | 12.1 |
| 2005-06 | 0.0 | 0.0 | 0.0 | 0.0 | T | 2.1 | T | 1.3 | T | T | 0.0 | 0.0 | 3.4 |
| 2006-07 | 0.0 | 0.0 | 0.0 | 0.0 | 2.3 | 13.0 | 7.4 | 3.7 | 0.8 | T | 0.0 | 0.0 | 27.2 |
| 2007-08 | 0.0 | 0.0 | 0.0 | 0.0 | T | 10.0 | 1.5 | 2.9 | T | T | 0.0 | 0.0 | 14.4 |
| 2008-09 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 1.9 | 1.2 | T | T | T | 0.0 | 0.0 | 3.6 |
| 2009-10 | 0.0 | 0.0 | 0.0 | 0.0 | T | 5.0 | 5.2 | 9.3 | 1.2 | 0.0 | 0.0 | 0.0 | 20.7 |
| 2010-11 | T | 0.0 | 0.0 | 0.0 | T | 8.4 | 13.9 | 23.3 | 7.8 | 0.0 | 0.0 | 0.0 | 53.4 |
| 2011-12 | 0.0 | 0.0 | 0.0 | 0.0 | T | 1.3 | 1.6 | 3.7 | T | 0.0 | 0.0 | 0.0 | 6.6 |
| 2012-13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.7 | 0.5 | 20.5 | 10.3 | T | T | 0.0 | 35.0 |
| 2013-14 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.4 | 7.5 | 7.4 | 0.5 | T | 0.0 | 0.0 | 17.8 |
| 2014- | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 1.0 | | | | | | | |
| POR= 44 YRS | T | T | 0.0 | T | 1.5 | 4.5 | 6.2 | 6.1 | 3.0 | 0.5 | T | T | 21.8 |

WBAN : 03945

REFERENCE NOTES :

| | |
|---|---|
| <p>PAGE 1: THE TEMPERATURE GRAPH SHOWS NORMAL MAXIMUM AND NORMAL MINIMUM DAILY TEMPERATURES (SOLID CURVES) AND THE ACTUAL DAILY HIGH AND LOW TEMPERATURES (VERTICAL BARS).</p> <p>PAGE 2 AND 3: H/C INDICATES HEATING AND COOLING DEGREE DAYS. RH INDICATES RELATIVE HUMIDITY W/O INDICATES WEATHER AND OBSTRUCTIONS S INDICATES SUNSHINE. PR INDICATES PRESSURE. CLOUDINESS ON PAGE 3 IS THE SUM OF THE CEILOMETER AND SATELLITE DATA NOT TO EXCEED EIGHT EIGHTHS(OKTAS).</p> <p>GENERAL: T INDICATES TRACE PRECIPITATION, AN AMOUNT GREATER THAN ZERO BUT LESS THAN THE LOWEST REPORTABLE VALUE. + INDICATES THE VALUE ALSO OCCURS ON EARLIER DATES. BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA. ASOS INDICATES AUTOMATED SURFACE OBSERVING SYSTEM. PM INDICATES THE LAST DAY OF THE PREVIOUS MONTH. POR (PERIOD OF RECORD) BEGINS WITH THE JANUARY DATA MONTH AND IS THE NUMBER OF YEARS USED TO COMPUTE THE MEAN. INDIVIDUAL MONTHS WITHIN THE POR MAY BE MISSING. WHEN THE POR FOR A NORMAL IS LESS THAN 30 YEARS, THE NORMAL IS PROVISIONAL AND IS BASED ON THE NUMBER OF YEARS INDICATED. 0.* OR * INDICATES THE VALUE OR MEAN-DAYS-WITH IS BETWEEN 0.00 AND 0.05. CLOUDINESS FOR ASOS STATIONS DIFFERS FROM THE NON-ASOS OBSERVATION TAKEN BY A HUMAN OBSERVER. ASOS STATION CLOUDINESS IS BASED ON TIME-AVERAGED CEILOMETER DATA FOR CLOUDS AT OR BELOW 12,000 FEET CLEAR INDICATES 0 - 2 OKTAS, PARTLY CLOUDY INDICATES 3 - 6 OKTAS, AND CLOUDY INDICATES 7 OR 8 OKTAS.</p> <p>GENERAL CONTINUED: WIND DIRECTION IS RECORDED IN TENS OF DEGREES (2 DIGITS) CLOCKWISE FROM TRUE NORTH. "00" INDICATES CALM. "36" INDICATES TRUE NORTH. RESULTANT WIND IS THE VECTOR AVERAGE OF THE SPEED AND DIRECTION. AVERAGE TEMPERATURE IS THE SUM OF THE MEAN DAILY MAXIMUM AND MINIMUM TEMPERATURE DIVIDED BY 2. SNOWFALL DATA COMPRISE ALL FORMS OF FROZEN</p> | <p>PRECIPITATION, INCLUDING HAIL. A HEATING (COOLING) DEGREE DAY IS THE DIFFERENCE BETWEEN THE AVERAGE DAILY TEMPERATURE AND 65 F. DRY BULB IS THE TEMPERATURE OF THE AMBIENT AIR. DEW POINT IS THE TEMPERATURE TO WHICH THE AIR MUST BE COOLED TO ACHIEVE 100 PERCENT RELATIVE HUMIDITY. WET BULB IS THE TEMPERATURE THE AIR WOULD HAVE IF THE MOISTURE CONTENT WAS INCREASED TO 100 PERCENT RELATIVE HUMIDITY. ON JULY 1, 1996, THE NATIONAL WEATHER SERVICE BEGAN USING THE "METAR" OBSERVATION CODE THAT WAS ALREADY EMPLOYED BY MOST OTHER NATIONS OF THE WORLD. THE MOST NOTICEABLE DIFFERENCE IN THIS ANNUAL PUBLICATION WILL BE THE CHANGE IN UNITS FROM TENTHS TO EIGHTHS(OKTAS) FOR REPORTING THE AMOUNT OF SKY COVER. STATION HISTORY STOPPED WITH THE 2009 ANNUAL. IF YOU NEED STATION HISTORY INFORMATION GO TO "Historical Observing Metadata Repository", URL IS: http://www.ncdc.noaa.gov/homr/ SNOWFALL STOPPED MONTH & YEAR INDICATED ABOVE. NO FURTHER YEARS INCLUDED UNLESS RESTARTED.</p> <p>NOTE: The "Period of Record:(POR)" for all "averages" is based on "Summary of the Day First Order Station" and "Cooperative Summary of the Day" archives.</p> |
|---|---|

2014 COLUMBIA MISSOURI (KCOU)

Columbia, Missouri, with its interior continental location, experiences moderately cold winters and warm summers that are often humid.

There are usually a few days of temperatures below zero during the winter months, but there have been several winters when the temperature did not get this cold. Periods of cold weather are usually interrupted by periods of at least a few mild days. It is not uncommon to find some days with temperatures in the 60s in the midst of the winter months. Some snow falls each winter, but it is very unlikely that a snow cover will persist for more than three weeks. Most of the time when snow does fall, it stays on the ground for less than a week. March is the month in which substantial amounts of snowfall are most likely.

Temperatures of 100 degrees or more occur in most summers, but there have been several summers when temperatures failed to reach this high. The late spring and early summer months produce more frequent and larger amounts of rain than the other months of the year. Thus, in addition to being warm, these months are often quite humid. By late summer smaller amounts of rain fall and rains occur less frequently, so by mid-August, the moisture in the top 2 feet of soil is often depleted.

The average occurrence of the last temperature as cold as 32 degrees in spring is early April, and the first 32 degree temperature in the fall occurs in late October.

Station History

COLUMBIA, MO

| NAME | Begin Date | End Date | Latitude | Longitude | Elevation Feet | Relocation | Platform |
|----------------------|------------|------------|----------|-----------|----------------|------------|---------------------|
| COLUMBIA WB AP | 1970-01-01 | 1988-02-10 | 38° 49' | -92° 13' | 887 | | COOP, WXSVC |
| COLUMBIA REGIONAL AP | 2010-11-01 | Present | 38° 49' | -92° 13' | 893 | | AIRWAYS, ASOS, COOP |
| COLUMBIA WB AP | 1969-11-01 | 1970-01-01 | 38° 49' | -92° 13' | 887 | | AIRWAYS, COOP |
| COLUMBIA WB AP | 1968-10-01 | 1969-08-31 | 38° 49' | -92° 13' | | | AIRWAYS, COOP |
| COLUMBIA WB AP | 1988-02-10 | 1995-09-01 | 38° 49' | -92° 13' | 890 | | COOP, WXSVC |
| COLUMBIA WB AP | 1996-06-30 | 1996-12-01 | 38° 49' | -92° 13' | 893 | | AIRWAYS, ASOS, COOP |
| COLUMBIA WB AP | 1969-10-01 | 1969-11-01 | 38° 49' | -92° 13' | 886 | | AIRWAYS, COOP |
| COLUMBIA WB AP | 1995-09-01 | 1996-06-30 | 38° 49' | -92° 13' | 893 | | ASOS, COOP, WXSVC |
| COLUMBIA REGIONAL AP | 1996-12-01 | 2000-02-14 | 38° 49' | -92° 13' | 893 | .3 MI E | AIRWAYS, ASOS, COOP |
| COLUMBIA REGIONAL AP | 2000-02-14 | 2010-11-01 | 38° 49' | -92° 13' | 893 | | AIRWAYS, ASOS, COOP |

Element History

| Element | Begin Date | End Date | Frequency | Time Of Observation | Equipment * | Equipment * Modifications | Equipment Exposure |
|---------|------------|------------|-----------|---------------------|-------------|---------------------------|--------------------|
| PRECIP | 1988-02-10 | 1995-07-01 | DAILY | 2400 | UNIV | RCRD | |
| PRECIP | 1995-07-01 | 1995-09-01 | HOURLY | 2400 | UNIV | RCRD | |
| PRECIP | 2007-06-20 | 2010-11-01 | HOURLY | 2400 | AHTB | RCRD;HTD | |
| PRECIP | 1988-02-10 | 1995-07-01 | HOURLY | 2400 | | | |
| PRECIP | 1968-10-01 | 1969-08-31 | DAILY | 2400 | UNIV | RCRD | |
| PRECIP | 1995-07-01 | 1995-09-01 | DAILY | 2400 | UNIV | RCRD | |
| WIND | 2010-11-01 | Present | HOURLY | UNKN | ANEMSONIC | | |
| TEMP | 1969-10-01 | 1974-08-01 | DAILY | 2400 | | | |
| PRECIP | 2002-02-08 | 2007-06-20 | DAILY | 2400 | PCPNX | | |
| WIND | 2007-06-20 | 2010-11-01 | HOURLY | UNKN | ANEMSONIC | | |
| TEMP | 2010-11-01 | Present | DAILY | 2400 | ATEMP | | |
| TEMP | 1974-08-01 | 1988-02-10 | DAILY | 2400 | | | |
| WIND | 1995-09-01 | 2002-02-08 | HOURLY | UNKN | ANEMCUP | | |
| TEMP | 1995-09-01 | 2002-02-08 | DAILY | 2400 | HYGR | | |
| PRECIP | 2002-02-08 | 2007-06-20 | HOURLY | 2400 | AHTB | RCRD;HTD | |
| SNOWDPH | 2010-11-01 | Present | DAILY | VAR | SNOWSTICK | | |
| PRECIP | 2010-11-01 | Present | HOURLY | 2400 | AWPAG | SHLD;RCRD;HTD | |
| TEMP | 1988-02-10 | 1995-07-01 | DAILY | 2400 | MXMN | | |
| WIND | 2002-02-08 | 2007-06-20 | HOURLY | UNKN | ANEMCUP | | |
| TEMP | 1968-10-01 | 1969-08-31 | DAILY | 2400 | | | |
| PRECIP | 1969-10-01 | 1974-08-01 | DAILY | 2400 | UNIV | RCRD | |
| TEMP | 1995-07-01 | 1995-09-01 | DAILY | 2400 | MXMN | | |
| PRECIP | 1995-09-01 | 2002-02-08 | HOURLY | 2400 | TB | RCRD | |
| TEMP | 2002-02-08 | 2007-06-20 | DAILY | 2400 | ATEMP | | |
| PRECIP | 1974-08-01 | 1988-02-10 | HOURLY | 2400 | | | |
| PRECIP | 1974-08-01 | 1988-02-10 | DAILY | 2400 | UNIV | RCRD | |
| PRECIP | 1995-09-01 | 2002-02-08 | DAILY | 2400 | TB | RCRD | |
| TEMP | 2007-06-20 | 2010-11-01 | DAILY | 2400 | ATEMP | | |
| PRECIP | 2007-06-20 | 2010-11-01 | DAILY | 2400 | PCPNX | | |
| PRECIP | 2010-11-01 | Present | DAILY | 2400 | PCPNX | | |

* For explanation of codes and abbreviations see Station Metadata link below.

Other Station Information can be found at:

ASOS Implementation by NWS: <http://www.nws.noaa.gov/ops2/Surface/asos2implementation.htm>

Station Metadata website: <http://www.ncdc.noaa.gov/homr>

INQUIRES/COMMENTS CALL: (828) 271-4800, option 2

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NOAA/National Climatic Data Center

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Visit our Web Site for other weather data: www.ncdc.noaa.gov