

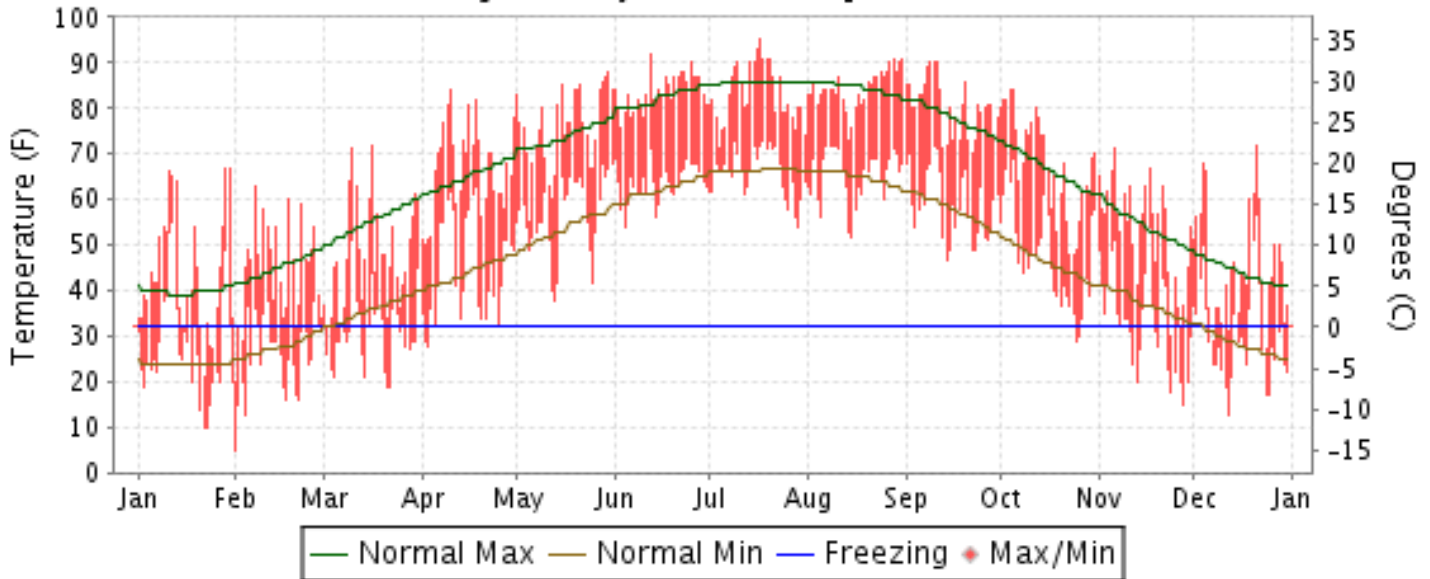


2013 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

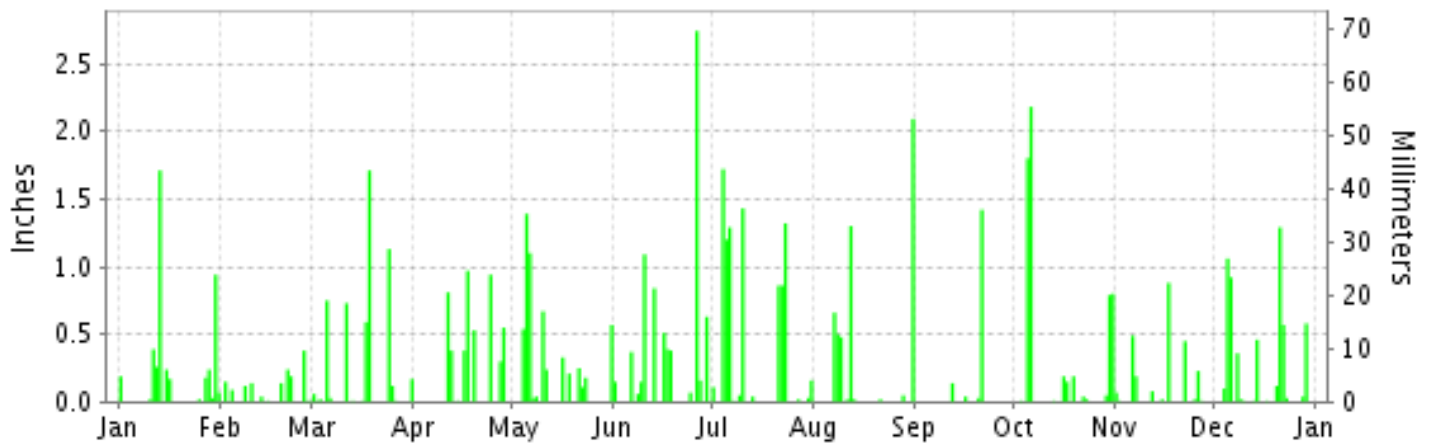
ISSN 0198-2230

LEXINGTON, KENTUCKY (KLEX)

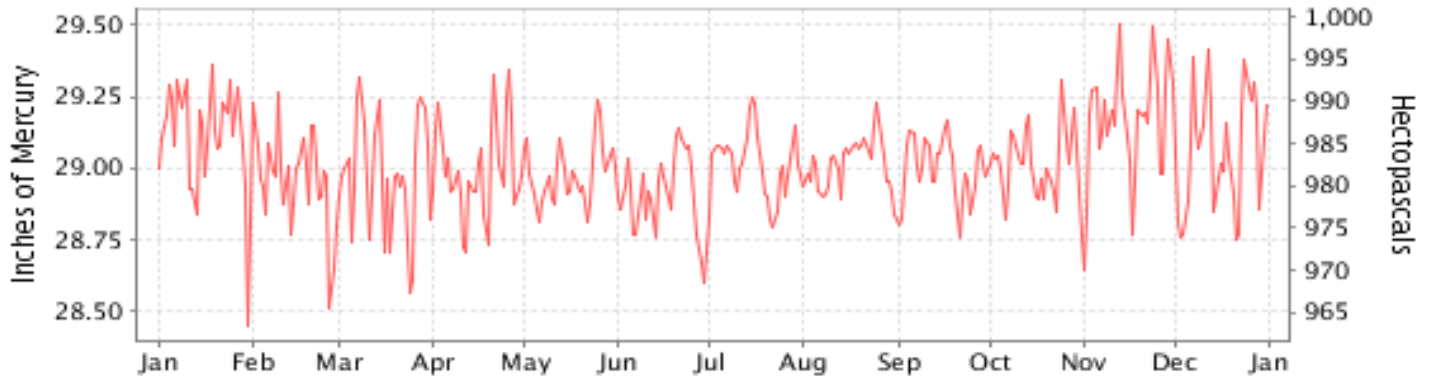
Daily Max/Min Temperature



Daily Precipitation



Daily Station Pressure



I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC DATA CENTER.

NATIONAL
OCEANIC AND
ATMOSPHERIC ADMINISTRATION

NATIONAL
ENVIRONMENTAL SATELLITE, DATA
AND INFORMATION SERVICE

NATIONAL
CLIMATIC DATA CENTER
ASHEVILLE, NORTH CAROLINA

Thomas R. Karl
DIRECTOR
NATIONAL CLIMATIC DATA CENTER

METEOROLOGICAL DATA FOR 2013

LEXINGTON (KLEX)

LATITUDE: 38° 2'N LONGITUDE: 84° 36'W ELEVATION (FT): GRND: 980 BARO: 984 TIME ZONE: EASTERN (UTC -5) WBAN: 93820

| ELEMENT | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR | |
|----------------------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-----------|----|
| TEMPERATURE °F | MEAN DAILY MAXIMUM | 43.5 | 44.5 | 48.3 | 66.9 | 75.7 | 83.7 | 83.2 | 84.4 | 80.3 | 67.8 | 53.4 | 45.7 | 64.8 | |
| | HIGHEST DAILY MAXIMUM | 67 | 63 | 72 | 84 | 88 | 92 | 95 | 91 | 90 | 84 | 71 | 72 | 95 | |
| | DATE OF OCCURRENCE | 30+ | 07 | 16 | 10 | 30 | 12 | 17 | 31+ | 11+ | 05+ | 06 | 21 | JUL 17 | |
| | MEAN DAILY MINIMUM | 27.7 | 25.8 | 30.8 | 45.0 | 56.7 | 63.7 | 65.9 | 65.5 | 59.0 | 47.5 | 33.3 | 30.3 | 45.9 | |
| | LOWEST DAILY MINIMUM | 10 | 5 | 19 | 28 | 38 | 54 | 54 | 52 | 47 | 29 | 15 | 13 | 5 | |
| | DATE OF OCCURRENCE | 23+ | 01 | 22+ | 03 | 13 | 04 | 29 | 15 | 14 | 25 | 28 | 12 | FEB 01 | |
| | AVERAGE DRY BULB | 35.6 | 35.2 | 39.5 | 56.0 | 66.2 | 73.7 | 74.5 | 74.9 | 69.7 | 57.6 | 43.4 | 38.0 | 55.4 | |
| | MEAN WET BULB | 33.5 | 31.9 | 35.4 | | 59.7 | 67.1 | 69.0 | 68.5 | 63.4 | 53.1 | 38.3 | 34.8 | | |
| | MEAN DEW POINT | 28.6 | 26.4 | 28.8 | | 55.2 | 63.5 | 66.0 | 65.2 | 59.5 | 49.1 | 31.3 | 29.6 | | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | MAXIMUM >= 90° | 0 | 0 | 0 | 0 | 0 | 2 | 8 | 4 | 3 | 0 | 0 | 0 | 0 | 17 |
| | MAXIMUM <= 32° | 6 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 16 | |
| MINIMUM <= 32° | 23 | 23 | 21 | 3 | 0 | 0 | 0 | 0 | 0 | 2 | 15 | 20 | 107 | | |
| MINIMUM <= 0° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| H/C | HEATING DEGREE DAYS | 903 | 829 | 783 | 295 | 81 | 0 | 0 | 3 | 17 | 265 | 642 | 831 | 4649 | |
| | COOLING DEGREE DAYS | 0 | 0 | 0 | 30 | 123 | 269 | 301 | 315 | 163 | 44 | 0 | 0 | 1245 | |
| RH | MEAN (PERCENT) | 76 | 72 | 68 | 62 | 71 | 74 | 77 | 75 | 73 | 76 | 65 | 73 | 72 | |
| | HOUR 01 LST | 80 | 79 | 75 | 73 | 80 | 84 | 87 | 87 | 85 | 86 | 73 | 76 | 80 | |
| | HOUR 07 LST | 84 | 83 | 79 | 68 | 75 | 79 | 82 | 84 | 85 | 86 | 75 | 80 | 80 | |
| | HOUR 13 LST | 68 | 60 | 58 | 51 | 57 | 60 | 62 | 59 | 54 | 59 | 51 | 65 | 59 | |
| | HOUR 19 LST | 75 | 69 | 63 | 58 | 71 | 72 | 75 | 73 | 73 | 76 | 63 | 71 | 70 | |
| W/O | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | HEAVY FOG(VISBY <= 1/4 MI) | 2 | 1 | 2 | 0 | 3 | 2 | 2 | 5 | 1 | 4 | 0 | 0 | 22 | |
| | THUNDERSTORMS | 0 | 0 | 2 | 3 | 1 | 8 | 5 | 4 | 3 | 2 | 0 | 1 | 29 | |
| PR | MEAN STATION PRESS. (IN.) | 29.11 | 28.96 | 28.97 | 29.00 | 28.98 | 28.91 | 29.02 | 29.02 | 29.00 | 29.02 | 29.16 | 29.07 | 29.02 | |
| | MEAN SEA-LEVEL PRESS. (IN.) | 30.19 | 30.04 | 30.05 | 30.05 | 30.02 | 29.94 | 30.05 | 30.05 | 30.03 | 30.08 | 30.23 | 30.15 | 30.07 | |
| WINDS | RESULTANT SPEED (MPH) | 3.2 | 3.5 | 3.2 | 4.0 | 3.3 | 2.6 | 1.7 | 0.8 | 0.8 | 2.9 | 2.5 | 4.5 | 2.5 | |
| | RES. DIR. (TENS OF DEGS.) | 22 | 24 | 26 | 19 | 19 | 21 | 19 | 17 | 15 | 20 | 22 | 22 | 22 | |
| | MEAN SPEED (MPH) | 9.0 | 9.5 | 8.9 | 8.9 | 7.7 | 6.6 | 5.6 | 5.8 | 6.1 | 6.3 | 8.8 | 9.4 | 7.7 | |
| | PREVAIL.DIR.(TENS OF DEGS.) | 18 | 23 | 30 | 17 | 18 | 22 | 18 | 22 | 21 | 17 | 17 | 19 | 19 | |
| | MAXIMUM 2-MINUTE WIND | | | | | | | | | | | | | | |
| | SPEED (MPH) | 36 | 35 | 35 | 37 | 29 | 33 | 37 | 33 | 20 | 40 | 31 | 47 | 47 | |
| | DIR. (TENS OF DEGS.) | 18 | 20 | 27 | 27 | 25 | 32 | 35 | 03 | 33 | 23 | 17 | 25 | 25 | |
| | DATE OF OCCURRENCE | 30 | 18 | 05 | 19 | 21 | 13 | 23 | 31 | 13 | 31 | 17 | 21 | DEC 21 | |
| | MAXIMUM 3-SECOND WIND: | | | | | | | | | | | | | | |
| | SPEED (MPH) | 47 | 48 | 47 | 45 | 39 | 43 | 48 | 41 | 25 | 53 | 41 | 66 | 66 | |
| DIR. (TENS OF DEGS.) | 22 | 20 | 24 | 28 | 23 | 33 | 35 | 03 | 35 | 19 | 16 | 25 | 25 | | |
| DATE OF OCCURRENCE | 30 | 18 | 18 | 19 | 21 | 13 | 23 | 31 | 13 | 31 | 17 | 21 | DEC 21 | | |
| PRECIPITATION | WATER EQUIVALENT: | | | | | | | | | | | | | | |
| | TOTAL (IN.) | 4.46 | 1.52 | 5.35 | 4.87 | 5.66 | 7.54 | 9.10 | 5.14 | 1.63 | 6.23 | 2.45 | 5.58 | 59.53 | |
| | GREATEST 24-HOUR (IN.) | 1.71 | 0.43 | 2.12 | 1.35 | 1.87 | 2.90 | 2.35 | 2.09 | 1.45 | 2.86 | 0.88 | 1.79 | 2.90 | |
| | DATE OF OCCURRENCE | 13 | 21-22 | 17-18 | 16-17 | 04-05 | 26-27 | 04-05 | 31 | 20-21 | 05-06 | 17 | 21-22 | JUN 26-27 | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| PRECIPITATION 0.01 | 13 | 12 | 14 | 9 | 13 | 13 | 14 | 9 | 4 | 12 | 11 | 15 | 139 | | |
| PRECIPITATION 0.10 | 9 | 7 | 7 | 8 | 11 | 11 | 9 | 5 | 2 | 7 | 5 | 9 | 90 | | |
| PRECIPITATION 1.00 | 1 | 0 | 2 | 0 | 2 | 2 | 5 | 2 | 1 | 2 | 0 | 2 | 19 | | |
| SNOWFALL | SNOW,ICE PELLETS,HAIL | 2.5 | 2.6 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 1.4 | 0.6 | 11.1 | |
| | TOTAL (IN.) | 2.0 | 2.1 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.8 | 0.4 | 2.1 | |
| | GREATEST 24-HOUR (IN.) | 31 | 02 | 06 | | | | | | | 24 | 26 | 10 | FEB 02 | |
| | DATE OF OCCURRENCE | T | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | T | 2 | |
| | MAXIMUM SNOW DEPTH (IN.) | 17 | 03+ | 06 | | | | | | | | 27 | 24+ | MAR 06 | |
| | DATE OF OCCURRENCE | | | | | | | | | | | | | | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| SNOWFALL >= 1.0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | | |

NORMALS, MEANS, AND EXTREMES LEXINGTON (KLEX)

LATITUDE: 38° 2'N **LONGITUDE:** 84° 36'W **ELEVATION (FT):** GRND: 980 BARO: 984 **TIME ZONE:** EASTERN (UTC -5) **WBAN: 93820**

| | ELEMENT | POR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|--|---|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----------|
| TEMPERATURE °F | NORMAL DAILY MAXIMUM | 30 | 40.9 | 45.6 | 55.4 | 65.8 | 74.4 | 82.9 | 86.1 | 85.6 | 78.8 | 67.5 | 55.4 | 43.9 | 65.2 |
| | MEAN DAILY MAXIMUM | 117 | 41.2 | 42.3 | 54.3 | 64.0 | 74.4 | 81.5 | 86.1 | 85.0 | 78.1 | 67.8 | 53.5 | 43.8 | 64.3 |
| | HIGHEST DAILY MAXIMUM | 69 | 76 | 80 | 83 | 88 | 92 | 103 | 105 | 103 | 103 | 91 | 83 | 75 | 105 |
| | YEAR OF OCCURRENCE | | 1950 | 1996 | 2012 | 1962 | 2012 | 2012 | 2012 | 1983 | 1954 | 2007 | 1987 | 1982 | JUL 2012 |
| | MEAN OF EXTREME MAXS. | 117 | 63.1 | 66.2 | 75.5 | 82.3 | 86.9 | 92.0 | 93.9 | 93.4 | 90.4 | 82.6 | 73.8 | 65.1 | 80.4 |
| | NORMAL DAILY MINIMUM | 30 | 24.9 | 28.1 | 35.7 | 44.7 | 53.9 | 62.5 | 66.3 | 65.0 | 57.5 | 46.6 | 37.3 | 28.0 | 45.9 |
| | MEAN DAILY MINIMUM | 117 | 25.0 | 25.6 | 35.0 | 43.6 | 54.0 | 61.6 | 66.4 | 65.1 | 57.6 | 47.0 | 35.9 | 28.0 | 45.4 |
| | LOWEST DAILY MINIMUM | 69 | -21 | -15 | -2 | 18 | 26 | 39 | 47 | 42 | 34 | 20 | -3 | -19 | -21 |
| | YEAR OF OCCURRENCE | | 1963 | 1951 | 1960 | 1982 | 1966 | 1966 | 1972 | 1965 | 1993 | 1976 | 1950 | 1989 | JAN 1963 |
| | MEAN OF EXTREME MINS. | 117 | 1.8 | 5.4 | 16.9 | 27.8 | 37.9 | 49.1 | 55.7 | 53.7 | 42.3 | 30.0 | 19.1 | 8.3 | 29.0 |
| | NORMAL DRY BULB | 30 | 32.9 | 36.9 | 45.5 | 55.3 | 64.2 | 72.7 | 76.2 | 75.3 | 68.1 | 57.0 | 46.3 | 36.0 | 55.5 |
| | MEAN DRY BULB | 117 | 33.1 | 34.0 | 44.6 | 53.8 | 64.2 | 71.6 | 76.3 | 75.1 | 67.9 | 57.4 | 44.8 | 35.9 | 54.9 |
| | MEAN WET BULB | 30 | 28.9 | 31.5 | 38.6 | 47.6 | 57.3 | 64.9 | 68.3 | 67.0 | 60.4 | 49.8 | 40.1 | 32.3 | 48.9 |
| | MEAN DEW POINT | 30 | 26.8 | 29.0 | 35.5 | 44.4 | 55.3 | 63.4 | 66.8 | 65.6 | 58.7 | 47.5 | 38.0 | 30.2 | 46.8 |
| | NORMAL NO. DAYS WITH: MAXIMUM >= 90 | 30 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | 7.2 | 7.3 | 2.0 | 0.1 | 0.0 | 0.0 | 19.5 |
| | MAXIMUM <= 32 | 30 | 7.3 | 4.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 5.0 | 17.3 |
| MINIMUM <= 32 | 30 | 22.6 | 18.6 | 11.9 | 2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.5 | 9.7 | 19.8 | 86.8 | |
| MINIMUM <= 0 | 30 | 0.7 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 1.3 | |
| H/C | NORMAL HEATING DEG. DAYS | 30 | 995 | 788 | 605 | 313 | 111 | 11 | 0 | 2 | 52 | 272 | 561 | 901 | 4611 |
| | NORMAL COOLING DEG. DAYS | 30 | 0 | 0 | 2 | 20 | 85 | 242 | 347 | 321 | 146 | 25 | 2 | 0 | 1190 |
| RH | NORMAL (PERCENT) | 30 | 75 | 71 | 67 | 64 | 70 | 72 | 73 | 74 | 74 | 71 | 72 | 76 | 72 |
| | HOURLY 01 LST | 30 | 78 | 76 | 72 | 71 | 79 | 83 | 84 | 85 | 84 | 79 | 76 | 78 | 79 |
| | HOURLY 07 LST | 30 | 81 | 80 | 78 | 76 | 82 | 84 | 86 | 89 | 89 | 86 | 81 | 82 | 83 |
| | HOURLY 13 LST | 30 | 69 | 64 | 58 | 55 | 59 | 59 | 59 | 60 | 59 | 57 | 63 | 69 | 61 |
| | HOURLY 19 LST | 30 | 73 | 67 | 60 | 57 | 62 | 64 | 64 | 65 | 67 | 66 | 69 | 73 | 66 |
| S | PERCENT POSSIBLE SUNSHINE | | | | | | | | | | | | | | |
| W/O | MEAN NO. DAYS WITH: HEAVY FOG(VISBY <= 1/4 MI) | 50 | 2.0 | 1.9 | 1.5 | 0.6 | 1.4 | 1.4 | 1.6 | 2.0 | 1.9 | 1.7 | 1.1 | 1.6 | 18.7 |
| | THUNDERSTORMS | 66 | 0.7 | 0.8 | 2.5 | 3.7 | 5.7 | 7.1 | 8.0 | 5.8 | 2.7 | 1.3 | 0.9 | 0.3 | 39.5 |
| CLOUDINESS | MEAN: SUNRISE-SUNSET (OKTAS) | 52 | 5.9 | 5.7 | 5.6 | 5.3 | 5.0 | 4.8 | 4.6 | 4.3 | 4.2 | 4.2 | 5.3 | 5.7 | 5.1 |
| | MIDNIGHT-MIDNIGHT (OKTAS) | 32 | 5.8 | 5.5 | 5.3 | 4.9 | 4.7 | 4.6 | 4.3 | 4.0 | 4.1 | 4.1 | 5.1 | 5.6 | 4.8 |
| | MEAN NO. DAYS WITH: CLEAR | 52 | 5.5 | 5.7 | 5.8 | 6.3 | 7.0 | 6.9 | 8.0 | 9.5 | 10.5 | 11.6 | 6.7 | 5.8 | 89.3 |
| | PARTLY CLOUDY | 52 | 5.8 | 5.6 | 7.3 | 8.5 | 10.0 | 11.8 | 12.3 | 11.9 | 8.4 | 7.2 | 6.7 | 5.7 | 101.2 |
| | CLOUDY | 52 | 19.7 | 17.0 | 17.9 | 15.2 | 14.0 | 11.3 | 10.7 | 9.6 | 11.1 | 12.1 | 16.6 | 19.5 | 174.7 |
| PR | MEAN STATION PRESSURE(IN) | 30 | 29.05 | 29.02 | 28.99 | 28.93 | 28.95 | 28.95 | 28.98 | 28.99 | 29.01 | 29.03 | 29.05 | 29.06 | 29.00 |
| | MEAN SEA-LEVEL PRES. (IN) | 30 | 30.13 | 30.10 | 30.05 | 29.98 | 29.99 | 29.98 | 30.01 | 30.02 | 30.05 | 30.09 | 30.12 | 30.13 | 30.05 |
| WINDS | MEAN SPEED (MPH) | 30 | 9.5 | 9.2 | 9.2 | 9.1 | 7.6 | 6.7 | 6.2 | 6.0 | 6.5 | 7.2 | 8.5 | 8.8 | 7.9 |
| | PREVAIL.DIR.(TENS OF DEGS) | 42 | 19 | 19 | 19 | 19 | 19 | 19 | 23 | 19 | 19 | 19 | 19 | 19 | 19 |
| | MAXIMUM 2-MINUTE: SPEED (MPH) | 17 | 47 | 47 | 38 | 45 | 39 | 44 | 44 | 38 | 44 | 40 | 45 | 47 | 47 |
| | DIR. (TENS OF DEGS) | | 18 | 18 | 20 | 01 | 23 | 30 | 31 | 01 | 22 | 23 | 27 | 25 | 25 |
| | YEAR OF OCCURRENCE | | 1999 | 2008 | 2009 | 2011 | 2008 | 1998 | 2012 | 2011 | 2008 | 2013 | 2002 | 2013 | DEC 2013 |
| | MAXIMUM 3-SECOND SPEED (MPH) | 17 | 56 | 60 | 53 | 62 | 52 | 61 | 66 | 53 | 60 | 55 | 56 | 66 | 66 |
| | DIR. (TENS OF DEGS) | | 19 | 28 | 24 | 21 | 23 | 34 | 29 | 32 | 21 | 21 | 21 | 25 | 25 |
| YEAR OF OCCURRENCE | | 1999 | 2008 | 2007 | 2011 | 2008 | 2007 | 2012 | 2011 | 2008 | 2010 | 2010 | 2013 | DEC 2013 | |
| PRECIPITATION | NORMAL (IN) | 30 | 3.20 | 3.20 | 4.07 | 3.60 | 5.26 | 4.44 | 4.65 | 3.25 | 2.91 | 3.13 | 3.53 | 3.93 | 45.17 |
| | MAXIMUM MONTHLY (IN) | 69 | 16.65 | 10.12 | 13.82 | 12.70 | 10.91 | 11.69 | 10.64 | 11.18 | 10.25 | 6.97 | 7.68 | 10.17 | 16.65 |
| | YEAR OF OCCURRENCE | | 1950 | 1989 | 1997 | 2011 | 2004 | 1960 | 1958 | 1974 | 2006 | 2004 | 2011 | 1990 | JAN 1950 |
| | MINIMUM MONTHLY (IN) | 69 | 0.37 | 0.67 | 0.99 | 0.79 | 1.20 | 0.61 | 1.26 | 0.29 | 0.24 | 0.33 | 0.45 | 0.61 | 0.24 |
| | YEAR OF OCCURRENCE | | 1981 | 1978 | 1966 | 1946 | 1965 | 1988 | 1995 | 1998 | 1959 | 1963 | 1976 | 1965 | SEP 1959 |
| | MAXIMUM IN 24 HOURS (IN) | 69 | 2.98 | 3.79 | 5.56 | 4.65 | 4.31 | 5.88 | 4.73 | 3.56 | 6.16 | 4.33 | 2.71 | 3.77 | 6.16 |
| | YEAR OF OCCURRENCE | | 1951 | 1989 | 1997 | 2008 | 2010 | 1960 | 1978 | 1968 | 2006 | 2007 | 1988 | 1978 | SEP 2006 |
| | NORMAL NO. DAYS WITH: PRECIPITATION >= 0.01 | 30 | 12.1 | 11.1 | 12.4 | 12.1 | 12.5 | 10.9 | 10.4 | 8.7 | 7.8 | 8.7 | 10.7 | 12.4 | 129.8 |
| PRECIPITATION >= 1.00 | 30 | 0.8 | 0.6 | 0.9 | 0.7 | 1.3 | 1.0 | 1.5 | 0.8 | 0.8 | 0.7 | 0.8 | 0.7 | 10.6 | |
| SNOWFALL | NORMAL (IN) | 30 | 3.9 | 4.6 | 1.4 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 2.5 | 13.0 |
| | MAXIMUM MONTHLY (IN) | 63 | 21.9 | 16.4 | 17.7 | 5.9 | T | T | T | T | 0.0 | 0.2 | 9.7 | 12.4 | 21.9 |
| | YEAR OF OCCURRENCE | | 1978 | 1960 | 1960 | 1987 | 1995 | 2009 | 1989 | 1989 | | 1972 | 1950 | 2010 | JAN 1978 |
| | MAXIMUM IN 24 HOURS (IN) | 63 | 10.2 | 7.3 | 9.5 | 4.9 | T | T | T | T | 0.0 | 0.2 | 7.5 | 7.8 | 10.2 |
| | YEAR OF OCCURRENCE | | 1994 | 1971 | 1947 | 1987 | 1995 | 2009 | 1989 | 1989 | | 1972 | 1966 | 1967 | JAN 1994 |
| | MAXIMUM SNOW DEPTH (IN) | 59 | 14 | 9 | 12 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 5 | 14 |
| | YEAR OF OCCURRENCE | | 1978 | 1985 | 1960 | 1961 | | | | | | | 1950 | 1984 | JAN 1978 |
| NORMAL NO. DAYS WITH: SNOWFALL >= 1.0 | 30 | 1.2 | 1.4 | 0.4 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.8 | 4.0 | |

PRECIPITATION (inches) 2013 LEXINGTON (KLEX)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------------|------|-------|-------|-------|-------|-------|-------|------|-------|------|------|-------|--------|
| 1984 | 1.64 | 3.31 | 4.09 | 5.02 | 5.34 | 2.20 | 4.80 | 0.56 | 1.36 | 3.87 | 5.19 | 4.89 | 42.27 |
| 1985 | 1.91 | 1.11 | 3.69 | 2.34 | 4.34 | 4.98 | 3.37 | 3.76 | 1.93 | 4.23 | 4.96 | 1.13 | 37.75 |
| 1986 | 0.53 | 2.48 | 2.43 | 1.65 | 3.24 | 1.29 | 5.64 | 2.67 | 3.08 | 2.06 | 6.49 | 3.30 | 34.86 |
| 1987 | 1.30 | 3.62 | 3.13 | 2.23 | 1.80 | 6.59 | 3.48 | 4.18 | 0.91 | 0.55 | 2.72 | 6.17 | 36.68 |
| 1988 | 2.94 | 3.06 | 2.34 | 2.93 | 3.02 | 0.61 | 3.51 | 4.18 | 5.96 | 1.34 | 5.39 | 3.62 | 38.90 |
| 1989 | 3.99 | 10.12 | 6.08 | 2.60 | 5.39 | 4.26 | 4.20 | 3.98 | 4.98 | 3.38 | 2.38 | 1.80 | 53.16 |
| 1990 | 4.17 | 3.43 | 1.89 | 2.37 | 5.41 | 4.59 | 6.45 | 4.36 | 2.12 | 4.49 | 2.69 | 10.17 | 52.14 |
| 1991 | 2.57 | 3.91 | 5.80 | 2.70 | 3.95 | 2.91 | 3.60 | 3.08 | 2.09 | 2.70 | 1.27 | 7.22 | 41.80 |
| 1992 | 3.63 | 1.84 | 4.70 | 2.11 | 4.68 | 7.74 | 10.27 | 4.73 | 3.44 | 0.65 | 3.50 | 1.80 | 49.09 |
| 1993 | 2.42 | 4.15 | 3.77 | 3.53 | 2.43 | 5.46 | 3.38 | 4.52 | 3.00 | 4.19 | 5.42 | 3.31 | 45.58 |
| 1994 | 4.50 | 4.42 | 6.83 | 5.18 | 4.86 | 3.84 | 2.29 | 3.72 | 1.19 | 2.11 | 2.89 | 3.87 | 45.70 |
| 1995 | 5.01 | 2.26 | 3.32 | 3.90 | 8.97 | 8.17 | 1.26 | 4.89 | 2.76 | 3.64 | 3.19 | 2.71 | 50.08 |
| 1996 | 4.51 | 1.86 | 4.62 | 4.84 | 8.98 | 5.10 | 5.30 | 2.30 | 4.15 | 2.10 | 4.79 | 5.26 | 53.81 |
| 1997 | 3.70 | 3.97 | 13.82 | 1.89 | 8.85 | 9.54 | 3.29 | 2.58 | 2.38 | 2.37 | 4.06 | 2.68 | 59.13 |
| 1998 | 3.99 | 2.58 | 3.40 | 6.20 | 6.14 | 10.81 | 7.98 | 0.29 | 0.61 | 2.41 | 1.96 | 3.23 | 49.60 |
| 1999 | 5.77 | 2.38 | 3.80 | 2.23 | 1.31 | 5.38 | 2.47 | 0.99 | 1.39 | 1.63 | 1.82 | 2.70 | 31.87 |
| 2000 | 3.40 | 4.81 | 3.89 | 4.52 | 2.99 | 3.82 | 3.36 | 3.50 | 5.32 | 0.74 | 2.00 | 3.75 | 42.10 |
| 2001 | 1.35 | 3.56 | 3.27 | 1.14 | 6.00 | 2.58 | 5.78 | 2.93 | 2.46 | 3.71 | 3.30 | 2.89 | 38.97 |
| 2002 | 2.39 | 1.37 | 7.58 | 5.28 | 4.29 | 2.69 | 1.75 | 2.92 | 5.44 | 6.53 | 4.99 | 4.08 | 49.31 |
| 2003 | 0.95 | 4.85 | 2.44 | 4.10 | 8.35 | 6.41 | 5.08 | 4.53 | 5.07 | 1.75 | 5.93 | 3.93 | 53.39 |
| 2004 | 3.32 | 1.49 | 4.31 | 3.73 | 10.91 | 5.05 | 8.68 | 4.06 | 3.22 | 6.97 | 7.32 | 3.38 | 62.44 |
| 2005 | 4.27 | 2.23 | 3.49 | 3.47 | 2.64 | 2.28 | 3.05 | 6.10 | 0.89 | 0.93 | 1.77 | 2.40 | 33.52 |
| 2006 | 5.37 | 2.12 | 4.17 | 4.55 | 3.72 | 2.33 | 5.48 | 3.49 | 10.25 | 6.29 | 1.97 | 3.05 | 52.79 |
| 2007 | 3.37 | 2.47 | 2.38 | 4.12 | 1.21 | 2.68 | 6.39 | 4.00 | 0.88 | 6.53 | 2.75 | 6.93 | 43.71 |
| 2008 | 4.42 | 5.76 | 6.30 | 5.89 | 4.40 | 3.59 | 3.41 | 2.18 | 1.42 | 1.53 | 2.53 | 6.03 | 47.46 |
| 2009 | 4.32 | 2.54 | 2.39 | 4.78 | 6.04 | 5.19 | 7.57 | 4.53 | 5.90 | 5.77 | 0.96 | 4.02 | 54.01 |
| 2010 | 3.01 | 1.61 | 1.13 | 2.31 | 9.95 | 4.59 | 6.06 | 0.58 | 0.61 | 1.24 | 4.46 | 2.49 | 38.04 |
| 2011 | 2.04 | 6.22 | 4.69 | 12.70 | 6.45 | 3.20 | 4.92 | 3.64 | 5.97 | 4.41 | 7.68 | 4.43 | 66.35 |
| 2012 | 3.54 | 3.09 | 3.31 | 2.30 | 3.60 | 1.61 | 8.01 | 2.15 | 5.42 | 1.28 | 1.76 | 6.55 | 42.62 |
| 2013 | 4.46 | 1.52 | 5.35 | 4.87 | 5.66 | 7.54 | 9.10 | 5.14 | 1.63 | 6.23 | 2.45 | 5.58 | 59.53 |
| POR= 117 YRS | 3.89 | 3.17 | 4.45 | 3.77 | 4.28 | 4.19 | 4.55 | 3.49 | 3.01 | 2.61 | 3.26 | 3.81 | 44.48 |

WBAN : 93820

AVERAGE TEMPERATURE (°F) 2013 LEXINGTON (KLEX)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1984 | 27.6 | 41.2 | 39.7 | 53.1 | 60.6 | 76.0 | 72.9 | 74.9 | 66.5 | 63.5 | 41.8 | 45.4 | 55.3 |
| 1985 | 23.8 | 30.5 | 48.5 | 58.5 | 64.7 | 70.3 | 75.1 | 72.8 | 67.6 | 60.5 | 53.0 | 29.6 | 54.6 |
| 1986 | 33.2 | 38.6 | 46.8 | 57.3 | 65.5 | 74.2 | 78.6 | 72.9 | 71.0 | 58.0 | 44.9 | 35.7 | 56.4 |
| 1987 | 31.9 | 38.0 | 46.8 | 53.7 | 70.3 | 75.0 | 77.1 | 77.5 | 70.0 | 52.0 | 50.0 | 38.9 | 56.8 |
| 1988 | 29.8 | 33.7 | 44.8 | 54.2 | 64.5 | 74.3 | 79.1 | 77.9 | 67.8 | 49.6 | 46.1 | 36.5 | 54.9 |
| 1989 | 40.5 | 33.1 | 47.3 | 54.2 | 60.6 | 71.6 | 76.5 | 74.1 | 67.6 | 57.0 | 45.0 | 23.0 | 54.2 |
| 1990 | 41.6 | 43.1 | 48.9 | 53.2 | 61.6 | 72.2 | 75.3 | 73.8 | 68.5 | 56.4 | 49.9 | 40.4 | 57.1 |
| 1991 | 33.9 | 39.1 | 47.4 | 58.1 | 70.5 | 74.3 | 77.6 | 75.8 | 68.8 | 58.7 | 43.4 | 40.1 | 57.3 |
| 1992 | 35.2 | 41.3 | 45.4 | 56.1 | 62.0 | 69.4 | 75.6 | 70.9 | 67.0 | 55.8 | 45.9 | 37.0 | 55.1 |
| 1993 | 37.4 | 33.1 | 42.0 | 52.7 | 65.0 | 72.1 | 80.1 | 76.5 | 66.0 | 55.1 | 44.6 | 35.0 | 55.0 |
| 1994 | 25.2 | 36.8 | 43.6 | 58.1 | 60.2 | 75.1 | 76.8 | 73.7 | 66.2 | 57.8 | 50.6 | 41.2 | 55.4 |
| 1995 | 33.9 | 33.5 | 47.2 | 55.5 | 63.3 | 72.8 | 77.3 | 79.5 | 66.5 | 56.9 | 39.7 | 33.0 | 54.9 |
| 1996 | 31.0 | 35.7 | 39.1 | 50.9 | 65.6 | 72.1 | 73.1 | 73.6 | 66.3 | 56.4 | 39.8 | 39.5 | 53.6 |
| 1997 | 31.6 | 40.8 | 46.2 | 49.1 | 58.0 | 69.3 | 76.1 | 72.7 | 66.6 | 56.1 | 41.6 | 35.6 | 53.6 |
| 1998 | 40.7 | 41.1 | 45.8 | 53.7 | 67.5 | 72.7 | 74.5 | 76.2 | 74.1 | 57.9 | 47.4 | 39.7 | 57.6 |
| 1999 | 36.2 | 40.2 | 40.3 | 56.5 | 65.3 | 73.5 | 79.6 | 75.7 | 68.8 | 56.7 | 50.3 | 37.3 | 56.7 |
| 2000 | 31.9 | 42.7 | 48.3 | 53.3 | 66.8 | 73.5 | 73.8 | 73.7 | 66.3 | 59.4 | 43.5 | 25.1 | 54.9 |
| 2001 | 31.1 | 39.9 | 40.6 | 59.7 | 66.5 | 71.3 | 75.3 | 76.1 | 66.1 | 56.7 | 52.0 | 40.9 | 56.4 |
| 2002 | 37.8 | 37.7 | 44.6 | 57.9 | 61.2 | 74.7 | 79.1 | 78.1 | 72.1 | 56.0 | 42.6 | 35.6 | 56.5 |
| 2003 | 26.1 | 32.0 | 48.2 | 56.9 | 63.6 | 69.0 | 75.1 | 75.7 | 65.1 | 56.2 | 49.5 | 35.5 | 54.4 |
| 2004 | 30.4 | 36.1 | 47.8 | 55.1 | 68.8 | 71.4 | 73.3 | 70.7 | 68.3 | 58.9 | 49.2 | 36.1 | 55.5 |
| 2005 | 37.5 | 39.6 | 40.6 | 56.3 | 61.5 | 75.0 | 77.9 | 78.5 | 71.7 | 58.1 | 47.1 | 32.4 | 56.4 |
| 2006 | 42.2 | 35.5 | 44.3 | 59.0 | 62.5 | 70.7 | 76.7 | 77.3 | 64.2 | 53.5 | 47.6 | 41.8 | 56.3 |
| 2007 | 37.0 | 27.5 | 52.3 | 52.9 | 67.9 | 74.3 | 74.8 | 80.7 | 72.3 | 62.7 | 45.5 | 40.2 | 57.3 |
| 2008 | 32.3 | 35.5 | 44.2 | 54.6 | 61.3 | 73.8 | 75.6 | 74.6 | 71.5 | 57.2 | 42.9 | 35.8 | 54.9 |
| 2009 | 28.5 | 37.8 | 48.0 | 55.5 | 64.5 | 73.6 | 72.0 | 73.3 | 68.5 | 53.2 | 48.0 | 35.1 | 54.8 |
| 2010 | 28.3 | 28.9 | 46.8 | 59.5 | 66.9 | 76.6 | 78.0 | 78.1 | 70.7 | 58.7 | 46.9 | 27.5 | 55.6 |
| 2011 | 28.5 | 38.5 | 46.6 | 58.2 | 63.9 | 73.4 | 79.3 | 75.2 | 65.8 | 54.7 | 49.8 | 40.7 | 56.2 |
| 2012 | 37.4 | 40.0 | 56.3 | 55.9 | 68.7 | 72.4 | 80.5 | 74.2 | 66.5 | 54.3 | 42.8 | 41.8 | 57.6 |
| 2013 | 35.6 | 35.2 | 39.5 | 56.0 | 66.2 | 73.7 | 74.5 | 74.9 | 69.7 | 57.6 | 43.4 | 38.0 | 55.4 |
| POR= 117 YRS | 33.1 | 34.0 | 44.6 | 53.8 | 64.2 | 71.6 | 76.3 | 75.1 | 67.9 | 57.4 | 44.8 | 35.9 | 54.9 |

HEATING DEGREE DAYS (base 65°F) 2013 LEXINGTON (KLEX)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|---------|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-----|-------|
| 1984-85 | 2 | 0 | 89 | 84 | 689 | 601 | 1275 | 959 | 510 | 228 | 66 | 23 | 4526 |
| 1985-86 | 0 | 0 | 72 | 179 | 360 | 1092 | 978 | 735 | 561 | 259 | 94 | 2 | 4332 |
| 1986-87 | 0 | 15 | 14 | 250 | 595 | 903 | 1016 | 749 | 559 | 342 | 39 | 0 | 4482 |
| 1987-88 | 0 | 0 | 17 | 399 | 447 | 804 | 1085 | 901 | 620 | 328 | 90 | 18 | 4709 |
| 1988-89 | 0 | 3 | 30 | 474 | 560 | 877 | 750 | 887 | 548 | 351 | 196 | 8 | 4684 |
| 1989-90 | 0 | 6 | 61 | 267 | 592 | 1297 | 720 | 608 | 505 | 378 | 128 | 17 | 4579 |
| 1990-91 | 0 | 3 | 57 | 288 | 453 | 757 | 955 | 719 | 544 | 215 | 34 | 0 | 4025 |
| 1991-92 | 0 | 0 | 77 | 230 | 642 | 765 | 915 | 682 | 600 | 293 | 159 | 17 | 4380 |
| 1992-93 | 0 | 5 | 64 | 288 | 566 | 863 | 847 | 884 | 705 | 363 | 64 | 27 | 4676 |
| 1993-94 | 0 | 0 | 67 | 313 | 608 | 922 | 1231 | 783 | 658 | 229 | 185 | 3 | 4999 |
| 1994-95 | 0 | 3 | 37 | 232 | 425 | 730 | 960 | 877 | 545 | 298 | 108 | 2 | 4217 |
| 1995-96 | 0 | 0 | 65 | 254 | 755 | 983 | 1048 | 844 | 799 | 426 | 96 | 8 | 5278 |
| 1996-97 | 0 | 0 | 64 | 268 | 750 | 784 | 1025 | 670 | 576 | 471 | 233 | 31 | 4872 |
| 1997-98 | 1 | 3 | 39 | 321 | 698 | 904 | 745 | 666 | 614 | 331 | 46 | 24 | 4392 |
| 1998-99 | 0 | 0 | 8 | 237 | 522 | 781 | 887 | 690 | 758 | 254 | 51 | 1 | 4189 |
| 1999-00 | 0 | 0 | 43 | 254 | 433 | 855 | 1019 | 640 | 513 | 346 | 53 | 6 | 4162 |
| 2000-01 | 0 | 0 | 84 | 215 | 642 | 1227 | 1043 | 692 | 752 | 226 | 56 | 20 | 4957 |
| 2001-02 | 0 | 0 | 84 | 275 | 387 | 741 | 835 | 756 | 628 | 251 | 178 | 1 | 4136 |
| 2002-03 | 0 | 0 | 18 | 314 | 668 | 905 | 1199 | 917 | 515 | 255 | 86 | 30 | 4907 |
| 2003-04 | 0 | 0 | 61 | 271 | 460 | 908 | 1069 | 833 | 529 | 301 | 53 | 3 | 4488 |
| 2004-05 | 0 | 13 | 28 | 193 | 471 | 888 | 844 | 703 | 746 | 264 | 143 | 0 | 4293 |
| 2005-06 | 0 | 0 | 10 | 258 | 531 | 1004 | 702 | 821 | 634 | 203 | 147 | 2 | 4312 |
| 2006-07 | 0 | 0 | 77 | 363 | 514 | 711 | 863 | 1045 | 409 | 377 | 59 | 0 | 4418 |
| 2007-08 | 0 | 0 | 13 | 164 | 577 | 765 | 1007 | 849 | 638 | 319 | 139 | 0 | 4471 |
| 2008-09 | 0 | 0 | 2 | 274 | 658 | 899 | 1126 | 757 | 521 | 316 | 89 | 9 | 4651 |
| 2009-10 | 3 | 3 | 27 | 364 | 502 | 919 | 1129 | 1007 | 559 | 197 | 72 | 0 | 4782 |
| 2010-11 | 0 | 0 | 29 | 206 | 536 | 1157 | 1127 | 737 | 569 | 218 | 146 | 0 | 4725 |
| 2011-12 | 0 | 0 | 82 | 319 | 450 | 746 | 851 | 718 | 298 | 284 | 33 | 16 | 3797 |
| 2012-13 | 0 | 0 | 74 | 328 | 660 | 714 | 903 | 829 | 783 | 295 | 81 | 0 | 4667 |
| 2013- | 0 | 3 | 17 | 265 | 642 | 831 | | | | | | | |

WBAN : 93820

COOLING DEGREE DAYS (base 65°F) 2013 LEXINGTON (KLEX)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1984 | 0 | 0 | 0 | 17 | 50 | 340 | 254 | 312 | 141 | 44 | 1 | 0 | 1159 |
| 1985 | 0 | 0 | 5 | 40 | 67 | 189 | 317 | 245 | 155 | 49 | 4 | 0 | 1071 |
| 1986 | 0 | 0 | 4 | 34 | 115 | 285 | 427 | 269 | 197 | 42 | 0 | 0 | 1373 |
| 1987 | 0 | 0 | 0 | 10 | 212 | 304 | 383 | 395 | 173 | 2 | 5 | 0 | 1484 |
| 1988 | 0 | 0 | 1 | 8 | 81 | 306 | 442 | 407 | 120 | 5 | 0 | 0 | 1370 |
| 1989 | 0 | 0 | 8 | 34 | 66 | 214 | 362 | 296 | 146 | 27 | 0 | 0 | 1153 |
| 1990 | 0 | 0 | 13 | 29 | 32 | 239 | 326 | 285 | 168 | 26 | 5 | 0 | 1123 |
| 1991 | 0 | 0 | 3 | 15 | 210 | 285 | 398 | 341 | 198 | 41 | 0 | 0 | 1491 |
| 1992 | 0 | 0 | 0 | 35 | 76 | 155 | 340 | 192 | 132 | 8 | 0 | 0 | 938 |
| 1993 | 0 | 0 | 0 | 2 | 74 | 247 | 474 | 365 | 103 | 13 | 3 | 0 | 1281 |
| 1994 | 0 | 0 | 0 | 31 | 43 | 312 | 372 | 280 | 80 | 16 | 0 | 0 | 1134 |
| 1995 | 0 | 0 | 0 | 22 | 65 | 246 | 391 | 457 | 117 | 10 | 0 | 0 | 1308 |
| 1996 | 0 | 0 | 0 | 7 | 122 | 228 | 258 | 274 | 109 | 10 | 0 | 0 | 1008 |
| 1997 | 0 | 0 | 0 | 2 | 24 | 166 | 354 | 249 | 94 | 51 | 0 | 0 | 940 |
| 1998 | 0 | 0 | 25 | 0 | 132 | 264 | 303 | 356 | 291 | 24 | 0 | 1 | 1396 |
| 1999 | 0 | 0 | 0 | 5 | 67 | 261 | 459 | 339 | 161 | 6 | 1 | 0 | 1299 |
| 2000 | 0 | 1 | 0 | 2 | 113 | 268 | 279 | 278 | 126 | 45 | 3 | 0 | 1115 |
| 2001 | 0 | 0 | 0 | 75 | 111 | 212 | 327 | 351 | 124 | 24 | 2 | 0 | 1226 |
| 2002 | 0 | 0 | 0 | 48 | 66 | 299 | 444 | 412 | 234 | 43 | 1 | 0 | 1547 |
| 2003 | 0 | 0 | 0 | 21 | 50 | 155 | 322 | 337 | 72 | 7 | 3 | 0 | 967 |
| 2004 | 0 | 0 | 4 | 10 | 177 | 204 | 264 | 195 | 132 | 9 | 0 | 0 | 995 |
| 2005 | 0 | 0 | 0 | 10 | 41 | 307 | 403 | 426 | 217 | 52 | 0 | 0 | 1456 |
| 2006 | 0 | 0 | 0 | 29 | 77 | 180 | 372 | 386 | 58 | 12 | 0 | 0 | 1114 |
| 2007 | 0 | 0 | 26 | 21 | 155 | 284 | 309 | 496 | 238 | 100 | 0 | 0 | 1629 |
| 2008 | 0 | 0 | 0 | 14 | 32 | 273 | 334 | 305 | 203 | 40 | 0 | 0 | 1201 |
| 2009 | 0 | 0 | 0 | 40 | 80 | 276 | 227 | 266 | 136 | 6 | 0 | 0 | 1031 |
| 2010 | 0 | 0 | 0 | 38 | 135 | 357 | 412 | 414 | 209 | 18 | 0 | 0 | 1583 |
| 2011 | 0 | 0 | 4 | 22 | 122 | 259 | 453 | 326 | 112 | 6 | 1 | 0 | 1305 |
| 2012 | 0 | 0 | 34 | 15 | 153 | 247 | 484 | 295 | 125 | 6 | 0 | 0 | 1359 |
| 2013 | 0 | 0 | 0 | 30 | 123 | 269 | 301 | 315 | 163 | 44 | 0 | 0 | 1245 |

SNOWFALL (inches) 2013 LEXINGTON (KLEX)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|----------------|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-----|-------|
| 1984-85 | 0.0 | 0.0 | 0.0 | 0.0 | T | 4.9 | 10.2 | 10.7 | T | 0.5 | 0.0 | 0.0 | 26.3 |
| 1985-86 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.5 | 1.2 | 8.9 | 0.7 | T | 0.0 | 0.0 | 14.3 |
| 1986-87 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | T | 3.6 | 3.5 | 2.1 | 5.9 | 0.0 | 0.0 | 15.3 |
| 1987-88 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.8 | 3.3 | 3.4 | 0.7 | 0.0 | 0.0 | 0.0 | 10.2 |
| 1988-89 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.7 | T | 1.5 | T | T | T | 0.0 | 2.2 |
| 1989-90 | T | T | 0.0 | T | 1.1 | 9.3 | 0.2 | T | 3.7 | T | 0.0 | 0.0 | 14.3 |
| 1990-91 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.1 | 3.2 | 1.7 | 0.0 | 0.0 | 0.0 | 5.8 |
| 1991-92 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.2 | 0.7 | 0.6 | 1.3 | 0.4 | 0.0 | 0.0 | 3.2 |
| 1992-93 | 0.0 | 0.0 | 0.0 | T | 1.8 | 2.5 | 0.4 | 11.5 | 7.1 | T | 0.0 | T | 23.3 |
| 1993-94 | 0.0 | 0.0 | 0.0 | T | 0.1 | 7.4 | 16.4 | 2.8 | 5.0 | 0.0 | 0.0 | 0.0 | 31.7 |
| 1994-95 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 2.0 | 3.7 | 3.4 | 0.0 | T | 0.0 | 9.1 |
| 1995-96 | 0.0 | 0.0 | 0.0 | T | 1.1 | 2.2 | 16.0 | 3.8 | 6.8 | 1.5 | 0.0 | 0.0 | 31.4 |
| 1996-97 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | 1.1 | 2.9 | T | T | 0.0 | 0.0 | 4.0 |
| 1997-98 | 0.0 | 0.0 | 0.0 | 0.0 | T | 2.1 | 0.1 | 17.4 | T | 0.0 | 0.0 | 0.0 | 19.6 |
| 1998-99 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 1.4 | 1.8 | 0.1 | 0.0 | 0.0 | 0.0 | 4.1 |
| 1999-00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.9 | 2.8 | 0.3 | 0.2 | 0.0 | 0.0 | 0.0 | 5.2 |
| 2000-01 | 0.0 | 0.0 | 0.0 | 0.0 | T | 5.8 | 4.2 | T | T | 0.3 | 0.0 | 0.0 | 10.3 |
| 2001-02 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 7.8 | 0.6 | T | 0.0 | 0.0 | 0.0 | 8.7 |
| 2002-03 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 4.3 | 6.3 | 8.3 | T | 0.0 | 0.0 | 0.0 | 19.9 |
| 2003-04 | 0.0 | 0.0 | 0.0 | 0.0 | T | 3.9 | 4.7 | T | T | T | 0.0 | 0.0 | 8.6 |
| 2004-05 | 0.0 | 0.0 | 0.0 | T | T | 0.3 | 2.3 | 0.4 | 2.8 | T | 0.0 | 0.0 | 5.8 |
| 2005-06 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.5 | 2.6 | 8.1 | T | 0.0 | 0.0 | 0.0 | 11.2 |
| 2006-07 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0.3 | 0.4 | 5.9 | T | 0.8 | 0.0 | T | 7.8 |
| 2007-08 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | 2.0 | 4.3 | 4.5 | 0.0 | 0.0 | 0.0 | 10.8 |
| 2008-09 | 0.0 | 0.0 | 0.0 | T | 0.1 | 2.7 | 5.0 | 4.5 | 0.6 | T | 0.0 | T | 12.9 |
| 2009-10 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.2 | 9.4 | 12.1 | T | 0.0 | 0.0 | 0.0 | 23.7 |
| 2010-11 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 12.4 | 11.3 | 3.3 | 0.4 | 0.0 | 0.0 | 0.0 | 27.8 |
| 2011-12 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | 1.1 | 1.2 | 5.3 | 0.0 | 0.0 | 0.0 | 7.6 |
| 2012-13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.4 | 2.5 | 2.6 | 4.0 | 0.0 | 0.0 | 0.0 | 12.5 |
| 2013- | 0.0 | 0.0 | 0.0 | T | 1.4 | 0.6 | | | | | | | |
| POR= 66 YRS | T | T | 0.0 | T | 0.9 | 2.5 | 5.3 | 4.6 | 2.3 | 0.3 | T | T | 15.9 |

WBAN : 93820

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> |
|---|---|

2013 LEXINGTON KENTUCKY (KLEX)

Lexington, County Seat of Fayette County, is located in the heart of the famed Kentucky Blue Grass Region. Fayette County is a gently rolling plateau with the elevation varying between 900 and 1,050 feet above sea level. It is noted for its beauty, the fertility of its soil, excellent grass, stock farms, and burley tobacco. The soil has a high phosphorus content and this is very valuable in growing pasture grasses for the grazing of cattle and horses. Lexington has a decided continental climate with a rather large diurnal temperature range. The climate is temperate and well suited to a varied plant and animal life. There are no bodies of water close enough to have any effect on the climate. The closest river is the Kentucky which makes an arc about 15 to 20 miles to the southeast, south, and southwest on its course to the Ohio River. There are numerous small creeks that rise in the county and flow into the river. The reservoirs of the Lexington Water Company are about 5 miles southeast of the city and are the largest bodies of water in the area.

Lexington is subject to rather sudden and large changes in temperature with the spells generally of rather short duration. Temperatures above 100 degrees and below zero degrees are relatively rare. The average temperature for the winter is 35 degrees, spring 62 degrees, fall 50 degrees, and summer 74 degrees.

Precipitation is evenly distributed throughout the winter, spring, and summer, with about 12 inches recorded on the average for each of these seasons. The fall season averages nearly 8 1/2 inches. Snowfall amounts are variable and the ground does not retain snow cover more than a few days at a time.

The months of September and October are the most pleasant of the year. They have the least amount of precipitation, the greatest number of clear days, and generally comfortable temperatures are the rule during these months.

Based on the 1951-1980 period, the average first occurrence of 32 degrees Fahrenheit in the fall is October 25 and the average last occurrence in the spring is April 17.

Station History

LEXINGTON, KY

| NAME | Begin Date | End Date | Latitude | Longitude | Elevation Feet | Relocation | Platform |
|---------------------------|------------|------------|----------|-----------|----------------|------------|-------------------|
| LEXINGTON BLUEGRASS FIELD | 1887-01-01 | 1887-03-31 | 38° 1' | -84° 33' | | | MILITARY |
| LEXINGTON BLUEGRASS FIELD | 1891-01-01 | 1933-01-01 | 38° 1' | -84° 33' | | | WXSVC |
| LEXINGTON BLUEGRASS FIELD | 1976-01-01 | 1980-01-01 | 38° 1' | -84° 36' | 991 | | COOP, WXSVC |
| LEXINGTON BLUEGRASS AP | 2009-02-19 | Present | 38° 2' | -84° 36' | 980 | | ASOS, COOP, WXSVC |
| LEXINGTON BLUEGRASS FIELD | 1888-01-01 | 1891-01-01 | 38° 1' | -84° 33' | | | MILITARY |
| LEXINGTON BLUEGRASS FIELD | 1973-01-01 | 1976-01-01 | 38° 1' | -84° 36' | 981 | | COOP, WXSVC |
| LEXINGTON BLUEGRASS FIELD | 1992-07-01 | 1996-03-01 | 38° 1' | -84° 36' | 970 | | COOP, WXSVC |
| LEXINGTON BLUEGRASS FIELD | 1933-01-01 | 1945-01-01 | 38° 1' | -84° 33' | | | SYNOPTIC |
| LEXINGTON BLUEGRASS AP | 2002-06-01 | 2009-02-19 | 38° 2' | -84° 36' | 980 | | ASOS, COOP, WXSVC |
| LEXINGTON BLUEGRASS FIELD | 1945-01-01 | 1948-01-01 | 38° 1' | -84° 36' | | | AIRWAYS |
| LEXINGTON BLUEGRASS FIELD | 1948-01-01 | 1973-01-01 | 38° 1' | -84° 36' | 981 | | AIRWAYS, COOP |
| LEXINGTON BLUEGRASS FIELD | 1980-01-01 | 1992-07-01 | 38° 1' | -84° 36' | 966 | | COOP, WXSVC |
| LEXINGTON BLUEGRASS FIELD | 1872-10-01 | 1876-07-31 | 38° 1' | -84° 33' | | | MILITARY |
| LEXINGTON BLUEGRASS AP | 1996-03-01 | 2002-06-01 | 38° 2' | -84° 36' | 965 | | ASOS, COOP, WXSVC |

Element History

| Element | Begin Date | End Date | Frequency | Time Of Observation | Equipment * | Equipment * Modifications | Equipment Exposure |
|---------|------------|------------|-----------|---------------------|-------------|---------------------------|--------------------|
| PRECIP | 2002-06-01 | 2009-02-19 | DAILY | 2400 | TB | RCRD | |
| TEMP | 2009-02-19 | Present | DAILY | 2400 | ATEMP | | |
| PRECIP | 1888-01-01 | 1982-01-01 | DAILY | 2400 | UNIV | RCRD | |
| PRECIP | 1982-01-01 | 1992-07-01 | DAILY | 2400 | UNIV | RCRD | |
| PRECIP | 2009-02-19 | Present | DAILY | 2400 | PCPNX | | |
| TEMP | 1872-10-01 | 1887-03-31 | DAILY | 2400 | | | |
| TEMP | 1995-07-01 | 1999-08-01 | DAILY | 0700 | MXMN | | |
| TEMP | 1982-01-01 | 1992-07-01 | DAILY | 2400 | | | |
| PRECIP | 1982-01-01 | 1992-07-01 | HOURLY | 2400 | | | |
| PRECIP | 1872-10-01 | 1887-03-31 | DAILY | 2400 | UNIV | RCRD | |
| TEMP | 2002-06-01 | 2009-02-19 | DAILY | 2400 | ATEMP | | |
| PRECIP | 2009-02-19 | Present | HOURLY | 2400 | AWPAG | RCRD;HTD | |
| PRECIP | 1992-07-01 | 1995-07-01 | DAILY | 2400 | SRG | | |
| PRECIP | 1999-08-01 | 2002-06-01 | DAILY | 2400 | SRG | | |
| PRECIP | 2002-06-01 | 2009-02-19 | HOURLY | 2400 | TB | RCRD | |
| TEMP | 1888-01-01 | 1982-01-01 | DAILY | 2400 | | | |
| TEMP | 1992-07-01 | 1995-07-01 | DAILY | 0700 | MXMN | | |
| PRECIP | 1992-07-01 | 1995-07-01 | HOURLY | 2400 | | | |
| PRECIP | 1995-07-01 | 1999-08-01 | HOURLY | 2400 | UNIV | RCRD | |
| PRECIP | 1995-07-01 | 1999-08-01 | DAILY | 2400 | SRG | | |
| PRECIP | 1999-08-01 | 2002-06-01 | HOURLY | 2400 | UNIV | RCRD | |
| TEMP | 1999-08-01 | 2002-06-01 | DAILY | 2400 | MXMN | | |

* 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/asosimplementation.htm>

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

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

Fax Number : (828) 271-4876

TDD : (828) 271-4010

Email : ncdc.orders@noaa.gov

NOAA/National Climatic Data Center

Attn: User Engagement & Services Branch

151 Patton Avenue

Asheville, NC 28801-5001

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