

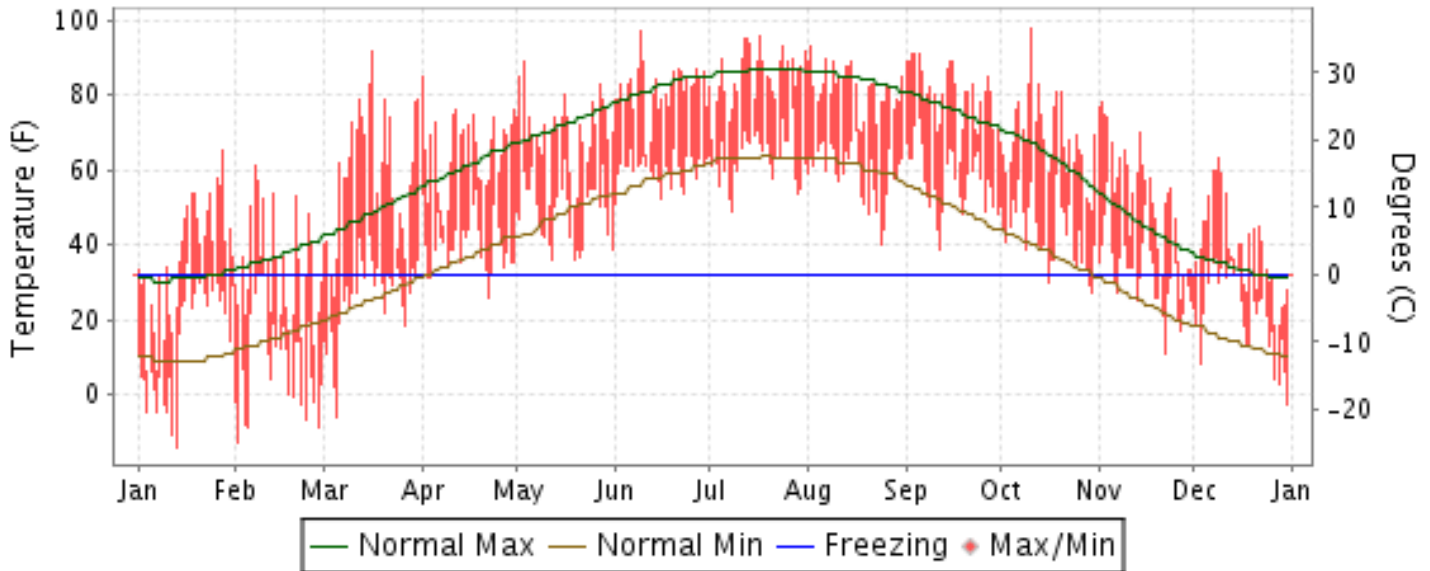


2015 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

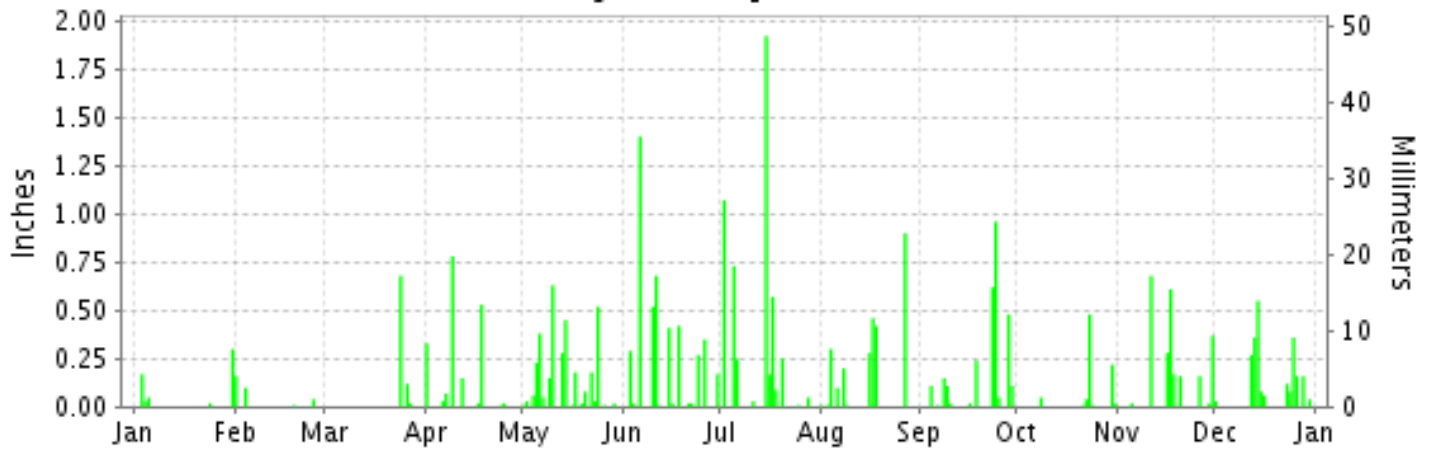
ISSN 0198-313X

NORFOLK, NEBRASKA (KOFK)

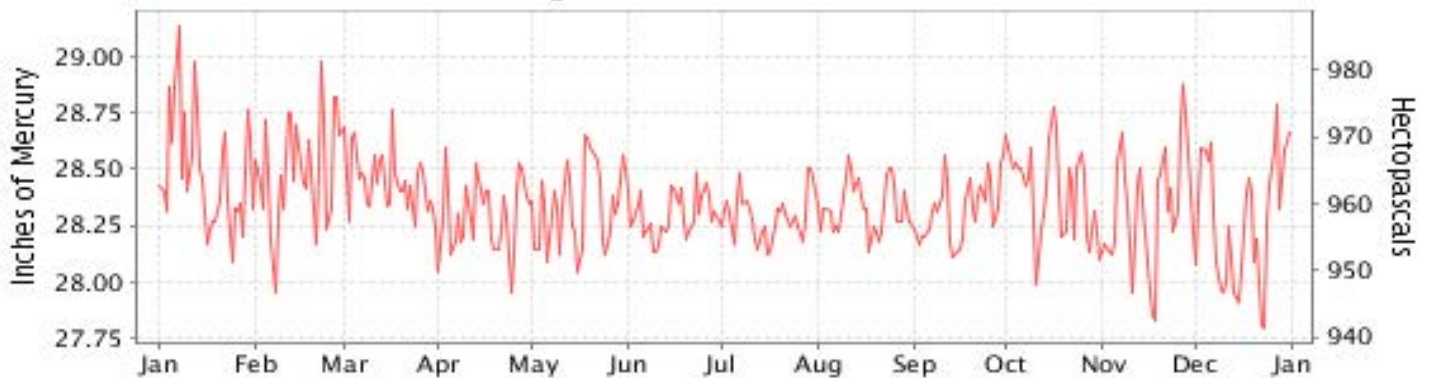
Daily Max/Min Temperature



Daily Precipitation



Daily Station Pressure



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NATIONAL
OCEANIC AND
ATMOSPHERIC ADMINISTRATION

NATIONAL
ENVIRONMENTAL SATELLITE, DATA
AND INFORMATION SERVICE

NATIONAL CENTERS for
ENVIRONMENTAL INFORMATION (NCEI)
ASHEVILLE, NORTH CAROLINA

Thomas R. Karl
DIRECTOR
NCEI

METEOROLOGICAL DATA FOR 2015

NORFOLK (KOFK)

LATITUDE: 41° 59'N LONGITUDE: 97° 26'W ELEVATION (FT): GRND: 1551 BARO: 1537 TIME ZONE: CENTRAL (UTC -6) WBAN: 14941

| ELEMENT | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR | |
|----------------------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--|
| TEMPERATURE °F | MEAN DAILY MAXIMUM | 36.8 | 34.0 | 59.0 | 65.0 | 70.2 | 81.7 | 85.3 | 81.9 | 80.4 | 68.6 | 53.5 | 38.8 | 62.9 | |
| | HIGHEST DAILY MAXIMUM | 65 | 61 | 92 | 85 | 89 | 97 | 96 | 93 | 91 | 98 | 78 | 63 | 98 | |
| | DATE OF OCCURRENCE | 28 | 07 | 16 | 01 | 03 | 09 | 17 | 02 | 05+ | 11 | 02 | 09 | OCT 11 | |
| | MEAN DAILY MINIMUM | 15.0 | 8.7 | 26.5 | 40.1 | 48.8 | 60.1 | 63.5 | 59.5 | 57.5 | 43.0 | 32.2 | 22.1 | 39.8 | |
| | LOWEST DAILY MINIMUM | -14 | -13 | -6 | 26 | 36 | 51 | 49 | 40 | 39 | 27 | 11 | -3 | -14 | |
| | DATE OF OCCURRENCE | 13 | 02 | 05 | 22 | 19+ | 01 | 08 | 24 | 12 | 30 | 22 | 31 | JAN 13 | |
| | AVERAGE DRY BULB | 25.9 | 21.3 | 42.7 | 52.6 | 59.5 | 70.9 | 74.4 | 70.7 | 68.9 | 55.8 | 42.9 | 30.4 | 51.3 | |
| | MEAN WET BULB | 22.9 | 18.9 | 34.8 | 45.1 | 53.5 | 64.7 | 68.5 | 64.8 | 62.8 | 48.2 | 38.0 | 28.4 | 45.9 | |
| | MEAN DEW POINT | 17.4 | 12.3 | 23.6 | 36.0 | 48.7 | 60.6 | 65.2 | 61.4 | 58.8 | 40.6 | 32.2 | 24.4 | 40.1 | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | MAXIMUM >= 90° | 0 | 0 | 1 | 0 | 0 | 1 | 9 | 2 | 3 | 1 | 0 | 0 | 17 | |
| | MAXIMUM <= 32° | 11 | 14 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 11 | 41 | |
| MINIMUM <= 32° | 30 | 28 | 23 | 4 | 0 | 0 | 0 | 0 | 0 | 3 | 15 | 24 | 127 | | |
| MINIMUM <= 0° | 6 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 18 | | |
| H/C | HEATING DEGREE DAYS | 1202 | 1215 | 683 | 371 | 189 | 3 | 4 | 20 | 38 | 300 | 659 | 1062 | 5746 | |
| | COOLING DEGREE DAYS | 0 | 0 | 0 | 5 | 28 | 186 | 304 | 203 | 166 | 24 | 1 | 0 | 917 | |
| RH | MEAN (PERCENT) | 72 | 68 | 53 | 58 | 71 | 72 | 74 | 75 | 72 | 61 | 70 | 78 | 69 | |
| | HOUR 00 LST | 77 | 73 | 61 | 64 | 80 | 87 | 87 | 86 | 80 | 70 | 75 | 84 | 77 | |
| | HOUR 06 LST | 79 | 78 | 74 | 77 | 83 | 86 | 91 | 90 | 88 | 77 | 80 | 83 | 82 | |
| | HOUR 12 LST | 64 | 60 | 38 | 47 | 60 | 60 | 62 | 62 | 60 | 45 | 58 | 72 | 57 | |
| | HOUR 18 LST | 70 | 61 | 37 | 45 | 57 | 55 | 58 | 62 | 61 | 51 | 66 | 75 | 58 | |
| W/O | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | HEAVY FOG(VISBY <= 1/4 MI) | 0 | 1 | 0 | 1 | 3 | 0 | 3 | 3 | 4 | 0 | 4 | 1 | 20 | |
| | THUNDERSTORMS | 0 | 0 | 0 | 1 | 2 | 9 | 7 | 6 | 6 | 2 | 2 | 1 | 36 | |
| PR | MEAN STATION PRESS. (IN.) | 28.50 | 28.51 | 28.45 | 28.30 | 28.34 | 28.30 | 28.30 | 28.34 | 28.32 | 28.40 | 28.33 | 28.27 | 28.36 | |
| | MEAN SEA-LEVEL PRESS. (IN.) | 30.21 | 30.23 | 30.12 | 29.95 | 29.99 | 29.91 | 29.91 | 29.95 | 29.94 | 30.06 | 30.00 | 29.96 | 30.02 | |
| WINDS | RESULTANT SPEED (MPH) | 6.0 | 3.7 | 1.2 | 0.8 | 1.7 | 1.4 | 3.1 | 3.1 | 5.8 | 2.2 | 2.9 | 4.2 | 1.2 | |
| | RES. DIR. (TENS OF DEGS.) | 29 | 32 | 24 | 21 | 15 | 11 | 15 | 18 | 15 | 21 | 23 | 31 | 23 | |
| | MEAN SPEED (MPH) | 11.3 | 11.8 | 10.9 | 11.6 | 11.0 | 8.3 | 7.7 | 8.9 | 10.3 | 9.8 | 11.7 | 10.8 | 10.3 | |
| | PREVAIL.DIR.(TENS OF DEGS.) | 33 | 34 | 33 | 34 | 14 | 16 | 16 | 17 | 16 | 11 | 19 | 34 | 16 | |
| | MAXIMUM 2-MINUTE WIND | | | | | | | | | | | | | | |
| | SPEED (MPH) | 40 | 33 | 41 | 38 | 35 | 37 | 35 | 33 | 38 | 38 | 36 | 33 | 41 | |
| | DIR. (TENS OF DEGS.) | 32 | 33 | 31 | 32 | 01 | 28 | 29 | 21 | 01 | 35 | 31 | 33 | 31 | |
| | DATE OF OCCURRENCE | 08 | 11 | 29 | 20 | 03 | 10 | 17 | 01 | 28 | 21 | 18 | 14 | MAR 29 | |
| | MAXIMUM 3-SECOND WIND: | | | | | | | | | | | | | | |
| | SPEED (MPH) | 52 | 42 | 54 | 48 | 41 | 45 | 48 | 40 | 47 | 47 | 48 | 43 | 54 | |
| DIR. (TENS OF DEGS.) | 31 | 34 | 33 | 32 | 21 | 27 | 30 | 22 | 34 | 30 | 32 | 32 | 33 | | |
| DATE OF OCCURRENCE | 17 | 11 | 29 | 20 | 16 | 10 | 17 | 01 | 28 | 12 | 18 | 14 | MAR 29 | | |
| PRECIPITATION | WATER EQUIVALENT: | | | | | | | | | | | | | | |
| | TOTAL (IN.) | 0.57 | 0.31 | 0.82 | 1.94 | 3.32 | 4.60 | 5.14 | 2.69 | 2.88 | 0.83 | 2.47 | 2.27 | 27.84 | |
| | GREATEST 24-HOUR (IN.) | 0.30 | 0.35 | 0.68 | 0.78 | 0.78 | 1.40 | 1.92 | 0.90 | 1.34 | 0.51 | 0.68 | 0.79 | 1.92 | |
| | DATE OF OCCURRENCE | 31 | 31-01 | 24 | 09 | 09-10 | 06 | 15 | 27 | 23-24 | 22-23 | 11 | 13-14 | JUL 15 | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| PRECIPITATION 0.01 | 5 | 4 | 3 | 9 | 19 | 14 | 11 | 10 | 12 | 7 | 9 | 12 | 115 | | |
| PRECIPITATION 0.10 | 2 | 2 | 2 | 4 | 9 | 9 | 7 | 7 | 8 | 2 | 7 | 7 | 66 | | |
| PRECIPITATION 1.00 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | | |
| SNOWFALL | SNOW,ICE PELLETS,HAIL | | | | | | | | | | | | | | |
| | TOTAL (IN.) | 6.7 | 4.0 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 8.8 | 11.2 | 31.1 | |
| | GREATEST 24-HOUR (IN.) | 3.0 | 2.0 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.6 | 4.1 | 4.6 | |
| | DATE OF OCCURRENCE | 31 | 01 | 26 | 09 | | | | | | | 30 | 25 | NOV 30 | |
| | MAXIMUM SNOW DEPTH (IN.) | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 6 | 6 | |
| | DATE OF OCCURRENCE | 07+ | 06+ | | | | | | | | | 21 | 26 | DEC 26 | |
| NUMBER OF DAYS WITH: | | | | | | | | | | | | | | | |
| SNOWFALL >= 1.0 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 5 | 13 | | |

NORMALS, MEANS, AND EXTREMES NORFOLK (KOFK)

LATITUDE: 41° 59'N **LONGITUDE:** 97° 26'W **ELEVATION (FT):** GRND: 1551 BARO: 1537 **TIME ZONE:** CENTRAL (UTC -6) **WBAN: 14941**

| ELEMENT | | POR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|--|---|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----------|
| TEMPERATURE °F | NORMAL DAILY MAXIMUM | 30 | 33.0 | 37.0 | 48.6 | 61.9 | 72.3 | 81.8 | 86.4 | 84.2 | 76.5 | 63.5 | 47.1 | 34.1 | 60.5 |
| | MEAN DAILY MAXIMUM | 68 | 30.6 | 35.5 | 46.6 | 61.4 | 72.4 | 82.0 | 87.0 | 84.6 | 76.3 | 64.4 | 47.5 | 34.4 | 60.2 |
| | HIGHEST DAILY MAXIMUM | 70 | 74 | 76 | 92 | 95 | 103 | 106 | 113 | 107 | 102 | 98 | 83 | 71 | 113 |
| | YEAR OF OCCURRENCE | | 2002 | 2002 | 2015 | 1992 | 2013 | 1988 | 1954 | 1983 | 2012 | 2015 | 2005 | 1962 | JUL 1954 |
| | MEAN OF EXTREME MAXS. | 68 | 54.4 | 59.0 | 73.2 | 85.3 | 90.9 | 96.9 | 98.9 | 97.2 | 92.8 | 85.5 | 71.1 | 57.8 | 80.3 |
| | NORMAL DAILY MINIMUM | 30 | 12.1 | 16.5 | 26.2 | 37.3 | 48.6 | 58.6 | 63.6 | 61.5 | 51.1 | 38.5 | 25.6 | 14.5 | 37.8 |
| | MEAN DAILY MINIMUM | 68 | 9.6 | 14.8 | 24.8 | 37.2 | 48.9 | 58.8 | 64.0 | 61.8 | 51.2 | 38.9 | 25.4 | 14.6 | 37.5 |
| | LOWEST DAILY MINIMUM | 70 | -27 | -26 | -20 | 2 | 24 | 38 | 42 | 40 | 26 | 11 | -15 | -30 | -30 |
| | YEAR OF OCCURRENCE | | 1974 | 1981 | 1960 | 1975 | 1976 | 1990 | 1971 | 2015 | 1995 | 1993 | 1964 | 1989 | DEC 1989 |
| | MEAN OF EXTREME MINS. | 68 | -13.5 | -8.0 | 3.2 | 21.4 | 33.1 | 44.9 | 51.8 | 49.1 | 34.2 | 21.8 | 6.3 | -6.9 | 19.8 |
| | NORMAL DRY BULB | 30 | 22.6 | 26.8 | 37.4 | 49.6 | 60.5 | 70.2 | 75.0 | 72.8 | 63.8 | 51.0 | 36.4 | 24.3 | 49.2 |
| | MEAN DRY BULB | 68 | 20.1 | 25.1 | 35.7 | 49.3 | 60.6 | 70.6 | 75.5 | 73.2 | 63.8 | 51.7 | 36.4 | 24.5 | 48.9 |
| | MEAN WET BULB | 32 | 18.7 | 21.8 | 30.9 | 40.7 | 51.8 | 61.5 | 66.2 | 64.7 | 55.2 | 42.8 | 30.1 | 21.3 | 42.1 |
| | MEAN DEW POINT | 32 | 16.7 | 19.7 | 28.4 | 38.0 | 49.4 | 59.3 | 64.8 | 63.2 | 53.0 | 40.0 | 28.3 | 19.4 | 40.0 |
| | NORMAL NO. DAYS WITH: MAXIMUM >= 90 | 30 | 0.0 | 0.0 | 0.0 | 0.6 | 1.1 | 4.1 | 9.5 | 6.2 | 2.5 | 0.3 | 0.0 | 0.0 | 24.3 |
| | MAXIMUM <= 32 | 30 | 13.8 | 10.2 | 3.4 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 4.2 | 12.7 | 44.7 |
| MINIMUM <= 32 | 30 | 30.3 | 26.3 | 22.3 | 9.1 | 0.6 | 0.0 | 0.0 | 0.0 | 0.6 | 7.5 | 22.6 | 29.9 | 149.2 | |
| MINIMUM <= 0 | 30 | 6.1 | 3.1 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 4.0 | 14.2 | |
| H/C | NORMAL HEATING DEG. DAYS | 30 | 1316 | 1071 | 856 | 474 | 190 | 30 | 4 | 12 | 126 | 443 | 860 | 1261 | 6643 |
| | NORMAL COOLING DEG. DAYS | 30 | 0 | 0 | 0 | 12 | 49 | 186 | 314 | 255 | 90 | 9 | 0 | 0 | 915 |
| RH | NORMAL (PERCENT) | 30 | 72 | 72 | 68 | 63 | 65 | 65 | 68 | 71 | 67 | 65 | 72 | 75 | 69 |
| | HOURLY 00 LST | 30 | 75 | 77 | 76 | 71 | 74 | 75 | 79 | 82 | 76 | 73 | 76 | 78 | 76 |
| | HOURLY 06 LST | 30 | 77 | 79 | 81 | 80 | 82 | 82 | 84 | 87 | 84 | 80 | 81 | 80 | 81 |
| | HOURLY 12 LST | 30 | 64 | 63 | 59 | 52 | 52 | 52 | 55 | 57 | 52 | 50 | 62 | 68 | 57 |
| | HOURLY 18 LST | 30 | 68 | 65 | 57 | 49 | 50 | 48 | 52 | 55 | 52 | 53 | 66 | 72 | 57 |
| S | PERCENT POSSIBLE SUNSHINE | | | | | | | | | | | | | | |
| W/O | MEAN NO. DAYS WITH: HEAVY FOG(VISBY <= 1/4 MI) | 41 | 1.7 | 2.1 | 2.3 | 1.3 | 1.2 | 0.9 | 1.1 | 2.5 | 1.7 | 1.4 | 1.5 | 1.9 | 19.6 |
| | THUNDERSTORMS | 57 | 0.0 | 0.2 | 1.0 | 3.6 | 7.5 | 9.4 | 9.4 | 9.0 | 5.0 | 2.0 | 0.5 | 0.1 | 47.7 |
| CLOUDINESS | MEAN: SUNRISE-SUNSET (OKTAS) | 51 | 4.9 | 5.0 | 5.3 | 5.0 | 4.9 | 4.2 | 3.6 | 3.8 | 3.8 | 4.0 | 4.9 | 4.9 | 4.5 |
| | MIDNIGHT-MIDNIGHT (OKTAS) | 20 | 4.4 | 4.6 | 4.8 | 4.4 | 4.4 | 4.0 | 3.4 | 3.6 | 3.4 | 3.7 | 4.3 | 4.2 | 4.1 |
| | MEAN NO. DAYS WITH: CLEAR | 51 | 8.8 | 7.7 | 7.4 | 7.8 | 7.8 | 10.1 | 12.6 | 12.5 | 12.9 | 12.2 | 8.4 | 8.8 | 117.0 |
| | PARTLY CLOUDY | 51 | 7.6 | 7.1 | 7.7 | 8.4 | 9.7 | 10.1 | 11.3 | 10.4 | 7.6 | 7.9 | 7.4 | 7.5 | 102.7 |
| | CLOUDY | 51 | 14.5 | 13.5 | 15.9 | 13.8 | 13.5 | 9.8 | 7.1 | 8.1 | 9.5 | 10.9 | 14.2 | 14.7 | 145.5 |
| PR | MEAN STATION PRESSURE(IN) | 32 | 28.41 | 28.40 | 28.35 | 28.28 | 28.28 | 28.28 | 28.33 | 28.35 | 28.36 | 28.37 | 28.37 | 28.40 | 28.35 |
| | MEAN SEA-LEVEL PRES. (IN) | 32 | 30.12 | 30.13 | 30.03 | 29.93 | 29.91 | 29.89 | 29.94 | 29.97 | 29.99 | 30.02 | 30.06 | 30.11 | 30.01 |
| WINDS | MEAN SPEED (MPH) | 32 | 11.0 | 11.2 | 11.9 | 12.5 | 11.3 | 10.1 | 9.0 | 8.9 | 9.9 | 10.4 | 10.9 | 10.8 | 10.7 |
| | PREVAIL.DIR(TENS OF DEGS) | 35 | 33 | 33 | 34 | 34 | 19 | 19 | 19 | 19 | 17 | 19 | 33 | 33 | 33 |
| | MAXIMUM 2-MINUTE: SPEED (MPH) | 19 | 52 | 44 | 51 | 49 | 47 | 54 | 53 | 47 | 49 | 46 | 51 | 46 | 54 |
| | DIR. (TENS OF DEGS) | | 33 | 34 | 32 | 26 | 22 | 28 | 23 | 22 | 17 | 31 | 31 | 32 | 28 |
| | YEAR OF OCCURRENCE | | 2014 | 2007 | 2005 | 2001 | 2011 | 2011 | 2011 | 2007 | 2007 | 2012 | 1997 | 1997 | JUN 2011 |
| | MAXIMUM 3-SECOND SPEED (MPH) | 19 | 67 | 56 | 60 | 60 | 59 | 79 | 69 | 63 | 76 | 60 | 63 | 56 | 79 |
| | DIR. (TENS OF DEGS) | | 32 | 27 | 32 | 26 | 28 | 28 | 29 | 22 | 16 | 31 | 31 | 32 | 28 |
| YEAR OF OCCURRENCE | | 2014 | 2012 | 2005 | 2001 | 2012 | 2011 | 2000 | 2007 | 2007 | 2012 | 1997 | 2010 | JUN 2011 | |
| PRECIPITATION | NORMAL (IN) | 30 | 0.59 | 0.76 | 1.77 | 2.65 | 3.93 | 4.26 | 3.32 | 3.25 | 2.69 | 2.07 | 1.37 | 0.75 | 27.41 |
| | MAXIMUM MONTHLY (IN) | 70 | 2.33 | 3.18 | 7.27 | 7.47 | 8.61 | 12.22 | 9.11 | 8.02 | 8.13 | 6.81 | 3.97 | 2.62 | 12.22 |
| | YEAR OF OCCURRENCE | | 1949 | 1971 | 1987 | 1984 | 1977 | 1967 | 1950 | 2007 | 1970 | 2007 | 1983 | 2006 | JUN 1967 |
| | MINIMUM MONTHLY (IN) | 70 | 0.06 | 0.04 | 0.04 | 0.23 | 0.38 | 0.54 | T | 0.53 | 0.30 | T | 0.03 | 0.05 | 0.03 |
| | YEAR OF OCCURRENCE | | 1986 | 1949 | 1994 | 1969 | 2009 | 1987 | 2012 | 1971 | 1956 | 1958 | 2007 | 2002 | NOV 2007 |
| | MAXIMUM IN 24 HOURS (IN) | 70 | 1.30 | 2.41 | 2.76 | 2.16 | 4.12 | 5.51 | 3.46 | 5.06 | 3.88 | 2.79 | 2.22 | 1.34 | 5.51 |
| | YEAR OF OCCURRENCE | | 1982 | 1971 | 1987 | 2007 | 1973 | 1974 | 1952 | 1995 | 1970 | 1968 | 2000 | 1981 | JUN 1974 |
| | NORMAL NO. DAYS WITH: PRECIPITATION >= 0.01 | 30 | 5.9 | 5.8 | 8.2 | 9.3 | 11.3 | 10.5 | 9.1 | 8.7 | 8.1 | 7.4 | 5.8 | 6.0 | 96.1 |
| PRECIPITATION >= 1.00 | 30 | 0.0 | 0.0 | 0.3 | 0.6 | 1.0 | 1.2 | 1.0 | 0.9 | 0.7 | 0.4 | 0.3 | 0.0 | 6.4 | |
| SNOWFALL | NORMAL (IN) | 30 | 6.4 | 5.5 | 5.1 | 2.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 4.1 | 6.0 | 30.5 |
| | MAXIMUM MONTHLY (IN) | 70 | 19.1 | 22.8 | 20.8 | 13.2 | 2.7 | T | 0.0 | T | 1.1 | 6.5 | 22.6 | 30.8 | 30.8 |
| | YEAR OF OCCURRENCE | | 2011 | 1984 | 1960 | 1984 | 1947 | 1996 | 2012 | 1992 | 1985 | 1991 | 1983 | 2009 | DEC 2009 |
| | MAXIMUM IN 24 HOURS (IN) | 70 | 12.8 | 22.5 | 9.8 | 9.7 | 2.7 | T | T | T | 1.1 | 5.6 | 14.6 | 13.3 | 22.5 |
| | YEAR OF OCCURRENCE | | 1982 | 1984 | 1995 | 1984 | 1947 | 1996 | 1995 | 1992 | 1985 | 1991 | 1983 | 2009 | FEB 1984 |
| | MAXIMUM SNOW DEPTH (IN) | 67 | 25 | 19 | 28 | 9 | T | 0 | 0 | 0 | 0 | 3 | 17 | 19 | 28 |
| | YEAR OF OCCURRENCE | | 2010 | 1969 | 1960 | 1997 | 2013 | | | | | 1997 | 1983 | 2009 | MAR 1960 |
| NORMAL NO. DAYS WITH: SNOWFALL >= 1.0 | 30 | 1.8 | 1.8 | 1.5 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 1.5 | 1.9 | 9.4 | |

PRECIPITATION (inches) 2015 NORFOLK (KOFK)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|----------------|------|------|------|------|------|-------|------|------|------|------|------|------|--------|
| 1986 | 0.06 | 1.12 | 2.67 | 4.39 | 3.37 | 5.32 | 4.00 | 2.81 | 3.57 | 2.61 | 0.48 | 0.38 | 30.78 |
| 1987 | 0.28 | 0.77 | 7.27 | 0.70 | 5.60 | 0.54 | 3.68 | 3.38 | 3.21 | 1.11 | 1.19 | 0.78 | 28.51 |
| 1988 | 0.74 | 0.46 | 0.21 | 2.30 | 5.21 | 1.34 | 4.56 | 2.46 | 5.47 | 0.03 | 1.03 | 0.88 | 24.69 |
| 1989 | 1.18 | 0.58 | 0.90 | 0.90 | 1.71 | 1.96 | 3.68 | 0.89 | 3.61 | 0.33 | 0.06 | 0.75 | 16.55 |
| 1990 | 0.66 | 0.46 | 2.31 | 0.72 | 3.31 | 7.64 | 5.13 | 2.36 | 1.01 | 1.50 | 1.26 | 0.51 | 26.87 |
| 1991 | 0.87 | 0.46 | 1.94 | 2.72 | 7.55 | 6.52 | 1.19 | 1.30 | 1.52 | 1.96 | 2.28 | 0.80 | 29.11 |
| 1992 | 0.61 | 1.48 | 2.48 | 0.66 | 2.14 | 4.04 | 4.36 | 5.06 | 2.87 | 3.14 | 1.30 | 0.96 | 29.10 |
| 1993 | 1.30 | 1.70 | 1.14 | 3.68 | 2.41 | 6.39 | 8.97 | 2.86 | 3.17 | 1.40 | 0.82 | 0.43 | 34.27 |
| 1994 | 0.78 | 0.84 | 0.04 | 1.96 | 1.10 | 5.35 | 9.01 | 3.66 | 2.70 | 0.95 | 1.34 | 1.01 | 28.74 |
| 1995 | 0.50 | 0.44 | 2.97 | 3.70 | 6.81 | 1.94 | 2.34 | 5.96 | 5.33 | 2.25 | 0.69 | 0.47 | 33.40 |
| 1996 | 0.90 | 0.05 | 0.60 | 0.72 | 5.14 | 2.69 | 3.65 | 3.74 | 3.20 | .26 | 3.68 | .34 | 24.97 |
| 1997 | 0.10 | 0.86 | 0.58 | 2.54 | 3.34 | 3.97 | 1.76 | 1.37 | 2.75 | 2.42 | 0.12 | 0.37 | 20.18 |
| 1998 | 0.20 | 0.31 | 2.41 | 3.95 | 2.48 | 7.42 | 5.77 | 6.16 | 0.54 | 3.74 | 2.05 | 0.13 | 35.16 |
| 1999 | 0.23 | 0.62 | 0.68 | 5.35 | 4.24 | 5.45 | 4.05 | 2.02 | 0.36 | 0.20 | 0.46 | 0.20 | 23.86 |
| 2000 | 0.16 | 1.16 | 1.14 | 1.15 | 2.55 | 4.18 | 5.17 | 1.54 | 1.26 | 2.28 | 2.78 | 0.17 | 23.54 |
| 2001 | 1.16 | 0.34 | 0.75 | 3.02 | 6.32 | 1.17 | 2.84 | 5.52 | 2.34 | 1.05 | 2.94 | 0.06 | 27.51 |
| 2002 | 0.37 | 0.35 | 0.62 | 1.89 | 2.54 | 3.44 | 0.51 | 5.63 | 1.31 | 3.08 | 0.19 | 0.05 | 19.98 |
| 2003 | 0.39 | 0.72 | 0.70 | 2.17 | 4.98 | 2.60 | 2.75 | 1.30 | 4.21 | 1.00 | 1.03 | 0.21 | 22.06 |
| 2004 | 0.60 | 1.49 | 2.56 | 3.10 | 5.92 | 2.91 | 4.08 | 0.71 | 3.27 | 0.60 | 1.96 | 0.15 | 27.35 |
| 2005 | 0.44 | 1.26 | 0.59 | 4.74 | 4.31 | 3.81 | 1.58 | 2.57 | 1.61 | 2.62 | 2.15 | 0.49 | 26.17 |
| 2006 | 0.35 | 0.17 | 3.13 | 2.74 | 0.70 | 3.55 | 0.22 | 6.26 | 5.16 | 1.62 | 0.26 | 2.62 | 26.78 |
| 2007 | 0.80 | 1.30 | 2.60 | 4.12 | 4.92 | 2.35 | 1.32 | 8.02 | 3.71 | 6.81 | 0.03 | 1.83 | 37.81 |
| 2008 | 0.41 | 0.33 | 1.00 | 1.98 | 8.52 | 4.60 | 0.64 | 0.97 | 3.02 | 5.13 | 0.90 | 1.29 | 28.79 |
| 2009 | 0.64 | 0.88 | 1.18 | 1.46 | 0.38 | 6.11 | 1.57 | 4.28 | 2.33 | 3.73 | 0.40 | 2.00 | 24.96 |
| 2010 | 0.78 | 0.93 | 0.90 | 1.70 | 2.12 | 10.71 | 3.42 | 4.48 | 2.79 | 0.70 | 0.36 | 0.42 | 29.31 |
| 2011 | 1.56 | 0.59 | 0.84 | 3.53 | 5.13 | 3.12 | 1.45 | 2.23 | 0.62 | 1.08 | 0.10 | 0.79 | 21.04 |
| 2012 | 0.18 | 1.73 | 0.58 | 3.14 | 4.33 | 0.89 | T | 0.99 | 0.61 | 0.49 | 0.43 | 1.13 | 14.50 |
| 2013 | 0.24 | 0.66 | 1.28 | 3.84 | 5.40 | 2.18 | 1.23 | 3.58 | 0.85 | 4.70 | 0.83 | 0.14 | 24.93 |
| 2014 | 0.14 | 0.42 | 0.37 | 3.31 | 1.25 | 11.39 | 1.13 | 7.21 | 2.00 | 0.97 | 0.32 | 1.20 | 29.71 |
| 2015 | 0.57 | 0.31 | 0.82 | 1.94 | 3.32 | 4.60 | 5.14 | 2.69 | 2.88 | 0.83 | 2.47 | 2.27 | 27.84 |
| POR= 68 YRS | 0.57 | 0.77 | 1.58 | 2.42 | 3.81 | 4.34 | 3.23 | 3.01 | 2.31 | 1.69 | 1.01 | 0.72 | 25.46 |

WBAN : 14941

AVERAGE TEMPERATURE (°F) 2015 NORFOLK (KOFK)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1986 | 30.9 | 24.1 | 42.5 | 50.3 | 61.6 | 72.9 | 76.8 | 69.1 | 63.9 | 51.5 | 33.3 | 28.8 | 50.5 |
| 1987 | 27.3 | 35.7 | 39.4 | 54.2 | 66.0 | 73.1 | 77.7 | 70.0 | 64.0 | 46.2 | 40.6 | 29.0 | 51.9 |
| 1988 | 16.2 | 22.9 | 39.5 | 49.2 | 66.2 | 76.2 | 75.4 | 75.4 | 64.8 | 48.0 | 38.4 | 29.3 | 50.1 |
| 1989 | 30.6 | 15.2 | 34.0 | 53.2 | 59.9 | 68.3 | 76.9 | 73.5 | 62.6 | 52.1 | 34.6 | 15.6 | 48.0 |
| 1990 | 31.4 | 29.0 | 40.3 | 49.4 | 57.4 | 72.9 | 73.6 | 74.2 | 67.8 | 51.7 | 40.0 | 20.4 | 50.7 |
| 1991 | 17.2 | 34.7 | 40.4 | 52.8 | 64.5 | 75.0 | 76.0 | 74.6 | 65.4 | 49.2 | 28.8 | 31.0 | 50.8 |
| 1992 | 32.6 | 35.7 | 41.6 | 48.7 | 61.1 | 67.8 | 68.5 | 67.6 | 62.9 | 51.5 | 33.2 | 24.2 | 49.6 |
| 1993 | 17.7 | 18.1 | 33.8 | 46.7 | 60.1 | 67.7 | 73.3 | 72.9 | 59.3 | 50.2 | 33.1 | 29.4 | 46.9 |
| 1994 | 17.2 | 18.2 | 40.8 | 49.4 | 64.4 | 73.3 | 71.8 | 70.8 | 67.1 | 54.8 | 39.5 | 25.8 | 49.4 |
| 1995 | 22.7 | 31.5 | 36.8 | 45.7 | 55.7 | 69.9 | 76.6 | 78.0 | 62.1 | 51.5 | 34.8 | 26.8 | 49.3 |
| 1996 | 16.4 | 28.6 | 30.7 | 46.3 | 57.0 | 70.7 | 70.9 | 70.8 | 61.0 | 51.1 | 28.7 | 17.3 | 45.8 |
| 1997 | 17.1 | 27.8 | 39.7 | 42.8 | 55.4 | 71.0 | 74.7 | 71.5 | 65.4 | 52.7 | 33.4 | 28.7 | 48.4 |
| 1998 | 25.0 | 34.5 | 29.9 | 49.1 | 64.5 | 66.8 | 75.4 | 73.9 | 69.3 | 53.9 | 40.5 | 29.5 | 51.0 |
| 1999 | 22.5 | 34.5 | 38.5 | 48.8 | 60.4 | 67.4 | 77.2 | 71.6 | 61.5 | 51.5 | 45.1 | 30.5 | 50.8 |
| 2000 | 25.9 | 34.1 | 42.8 | 50.0 | 63.6 | 68.8 | 74.9 | 75.8 | 65.3 | 54.2 | 28.4 | 15.3 | 49.9 |
| 2001 | 24.9 | 18.6 | 33.6 | 51.8 | 61.8 | 70.5 | 77.3 | 74.0 | 64.0 | 52.3 | 46.5 | 30.2 | 50.5 |
| 2002 | 29.5 | 30.9 | 29.9 | 51.1 | 57.2 | 74.9 | 79.8 | 72.9 | 65.3 | 44.5 | 36.2 | 31.6 | 50.3 |
| 2003 | 23.3 | 24.7 | 39.2 | 51.4 | 57.9 | 68.5 | 76.0 | 75.8 | 61.0 | 54.7 | 35.8 | 30.1 | 49.9 |
| 2004 | 20.5 | 24.6 | 42.4 | 52.5 | 61.4 | 66.6 | 72.5 | 69.6 | 69.3 | 52.6 | 38.7 | 29.3 | 50.0 |
| 2005 | 20.8 | 33.9 | 40.0 | 53.0 | 60.0 | 73.1 | 77.6 | 73.7 | 69.9 | 53.9 | 40.7 | 23.5 | 51.7 |
| 2006 | 36.6 | 27.7 | 37.6 | 54.4 | 63.9 | 72.5 | 78.7 | 73.3 | 60.8 | 48.6 | 37.2 | 31.7 | 51.9 |
| 2007 | 21.6 | 20.6 | 44.7 | 49.0 | 64.7 | 71.2 | 76.5 | 75.4 | 64.2 | 54.5 | 38.8 | 20.0 | 50.1 |
| 2008 | 18.3 | 22.4 | 35.4 | 45.5 | 57.4 | 69.4 | 75.5 | 72.6 | 64.1 | 51.1 | 37.5 | 18.6 | 47.3 |
| 2009 | 21.6 | 28.8 | 36.5 | 47.6 | 61.3 | 68.3 | 70.3 | 70.0 | 63.1 | 43.7 | 43.2 | 17.4 | 47.7 |
| 2010 | 16.5 | 19.6 | 39.4 | 54.0 | 58.7 | 71.1 | 75.4 | 75.4 | 63.7 | 54.0 | 36.8 | 22.8 | 49.0 |
| 2011 | 15.8 | 24.5 | 36.2 | 48.2 | 59.7 | 69.9 | 79.6 | 74.2 | 59.9 | 54.5 | 38.4 | 27.7 | 49.1 |
| 2012 | 29.5 | 29.3 | 53.1 | 54.5 | 64.6 | 73.6 | 82.5 | 73.6 | 64.7 | 47.9 | 38.7 | 26.4 | 53.2 |
| 2013 | 23.8 | 27.7 | 32.7 | 44.0 | 59.4 | 69.4 | 73.8 | 73.8 | 69.5 | 49.7 | 36.1 | 20.3 | 48.4 |
| 2014 | 21.6 | 20.0 | 34.2 | 50.3 | 61.3 | 70.4 | 70.7 | 72.5 | 63.5 | 52.9 | 31.7 | 28.2 | 48.1 |
| 2015 | 25.9 | 21.3 | 42.7 | 52.6 | 59.5 | 70.9 | 74.4 | 70.7 | 68.9 | 55.8 | 42.9 | 30.4 | 51.3 |
| POR= 68 YRS | 20.1 | 25.1 | 35.7 | 49.3 | 60.6 | 70.6 | 75.5 | 73.2 | 63.8 | 51.7 | 36.4 | 24.5 | 48.9 |

HEATING DEGREE DAYS (base 65°F) 2015 NORFOLK (KOFK)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|---------|-----|-----|-----|-----|------|------|------|------|------|-----|-----|-----|-------|
| 1987-88 | 2 | 45 | 89 | 575 | 726 | 1110 | 1508 | 1218 | 783 | 469 | 61 | 6 | 6592 |
| 1988-89 | 4 | 14 | 96 | 520 | 790 | 1101 | 1063 | 1392 | 956 | 417 | 190 | 45 | 6588 |
| 1989-90 | 3 | 7 | 156 | 402 | 906 | 1531 | 1035 | 1002 | 759 | 500 | 238 | 19 | 6558 |
| 1990-91 | 4 | 0 | 87 | 425 | 739 | 1379 | 1477 | 843 | 755 | 381 | 149 | 1 | 6240 |
| 1991-92 | 0 | 0 | 130 | 489 | 1080 | 1048 | 1001 | 842 | 717 | 492 | 176 | 21 | 5996 |
| 1992-93 | 13 | 42 | 119 | 426 | 949 | 1259 | 1460 | 1308 | 962 | 545 | 167 | 52 | 7302 |
| 1993-94 | 0 | 11 | 188 | 473 | 952 | 1097 | 1472 | 1305 | 742 | 487 | 115 | 14 | 6856 |
| 1994-95 | 0 | 12 | 75 | 309 | 759 | 1209 | 1303 | 934 | 870 | 572 | 279 | 45 | 6367 |
| 1995-96 | 4 | 0 | 166 | 427 | 898 | 1178 | 1501 | 1051 | 1056 | 553 | 276 | 31 | 7141 |
| 1996-97 | 6 | 2 | 177 | 434 | 1080 | 1472 | 1475 | 1035 | 776 | 659 | 297 | 8 | 7421 |
| 1997-98 | 6 | 21 | 81 | 424 | 943 | 1117 | 1233 | 849 | 1082 | 471 | 101 | 82 | 6410 |
| 1998-99 | 0 | 0 | 38 | 339 | 727 | 1091 | 1313 | 849 | 814 | 477 | 164 | 60 | 5872 |
| 1999-00 | 1 | 3 | 161 | 415 | 590 | 1064 | 1207 | 888 | 682 | 448 | 105 | 36 | 5600 |
| 2000-01 | 3 | 3 | 128 | 338 | 1093 | 1537 | 1237 | 1293 | 966 | 417 | 156 | 42 | 7213 |
| 2001-02 | 0 | 1 | 104 | 399 | 549 | 1072 | 1096 | 946 | 1082 | 429 | 283 | 7 | 5968 |
| 2002-03 | 0 | 7 | 112 | 630 | 856 | 1028 | 1285 | 1125 | 796 | 422 | 230 | 40 | 6531 |
| 2003-04 | 0 | 0 | 174 | 331 | 871 | 1076 | 1374 | 1163 | 694 | 385 | 167 | 54 | 6289 |
| 2004-05 | 17 | 38 | 34 | 386 | 785 | 1101 | 1364 | 863 | 766 | 358 | 199 | 4 | 5915 |
| 2005-06 | 4 | 2 | 44 | 378 | 723 | 1279 | 872 | 1038 | 844 | 326 | 134 | 5 | 5649 |
| 2006-07 | 0 | 2 | 157 | 535 | 828 | 1026 | 1339 | 1238 | 621 | 501 | 83 | 12 | 6342 |
| 2007-08 | 0 | 0 | 119 | 344 | 779 | 1387 | 1441 | 1225 | 910 | 579 | 248 | 1 | 7033 |
| 2008-09 | 0 | 0 | 95 | 428 | 816 | 1429 | 1339 | 1008 | 877 | 525 | 161 | 66 | 6744 |
| 2009-10 | 6 | 24 | 85 | 654 | 645 | 1472 | 1497 | 1266 | 785 | 333 | 251 | 4 | 7022 |
| 2010-11 | 0 | 0 | 85 | 344 | 840 | 1300 | 1519 | 1127 | 885 | 498 | 213 | 19 | 6830 |
| 2011-12 | 0 | 0 | 194 | 349 | 792 | 1149 | 1095 | 1031 | 385 | 330 | 115 | 16 | 5456 |
| 2012-13 | 0 | 11 | 108 | 523 | 781 | 1189 | 1270 | 1039 | 992 | 628 | 226 | 42 | 6809 |
| 2013- | 13 | 3 | 29 | 477 | 864 | 1376 | | | | | | | |
| 2013-14 | 13 | 3 | 29 | 477 | 864 | 1376 | 1334 | 1254 | 944 | 436 | 202 | 25 | 6957 |
| 2014-15 | 12 | 0 | 117 | 374 | 990 | 1136 | 1202 | 1215 | 683 | 371 | 189 | 3 | 6292 |
| 2015- | 4 | 20 | 38 | 300 | 659 | 1062 | | | | | | | |

WBAN : 14941

COOLING DEGREE DAYS (base 65°F) 2015 NORFOLK (KOFK)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1986 | 0 | 0 | 4 | 1 | 30 | 249 | 372 | 159 | 56 | 0 | 0 | 0 | 871 |
| 1987 | 0 | 0 | 0 | 32 | 119 | 259 | 405 | 207 | 67 | 1 | 0 | 0 | 1090 |
| 1988 | 0 | 0 | 0 | 2 | 111 | 349 | 333 | 345 | 97 | 0 | 0 | 0 | 1237 |
| 1989 | 0 | 0 | 2 | 69 | 39 | 150 | 382 | 278 | 89 | 6 | 0 | 0 | 1015 |
| 1990 | 0 | 0 | 0 | 38 | 10 | 263 | 280 | 292 | 178 | 16 | 0 | 0 | 1077 |
| 1991 | 0 | 0 | 0 | 21 | 140 | 309 | 348 | 302 | 148 | 6 | 0 | 0 | 1274 |
| 1992 | 0 | 0 | 0 | 9 | 61 | 114 | 130 | 131 | 60 | 14 | 0 | 0 | 519 |
| 1993 | 0 | 0 | 0 | 0 | 25 | 141 | 263 | 259 | 23 | 20 | 0 | 0 | 731 |
| 1994 | 0 | 0 | 0 | 27 | 103 | 271 | 215 | 198 | 143 | 2 | 0 | 0 | 959 |
| 1995 | 0 | 0 | 0 | 0 | 0 | 197 | 368 | 408 | 87 | 17 | 0 | 0 | 1077 |
| 1996 | 0 | 0 | 0 | 0 | 36 | 209 | 198 | 187 | 65 | 10 | 0 | 0 | 705 |
| 1997 | 0 | 0 | 0 | 0 | 8 | 196 | 311 | 227 | 99 | 50 | 0 | 0 | 891 |
| 1998 | 0 | 0 | 0 | 2 | 94 | 142 | 328 | 284 | 173 | 3 | 0 | 0 | 1026 |
| 1999 | 0 | 0 | 0 | 0 | 24 | 139 | 384 | 215 | 62 | 4 | 0 | 0 | 828 |
| 2000 | 0 | 0 | 0 | 0 | 71 | 157 | 316 | 345 | 143 | 9 | 0 | 0 | 1041 |
| 2001 | 0 | 0 | 0 | 27 | 64 | 213 | 389 | 287 | 80 | 12 | 0 | 0 | 1072 |
| 2002 | 0 | 0 | 0 | 22 | 45 | 309 | 462 | 259 | 129 | 0 | 0 | 0 | 1226 |
| 2003 | 0 | 0 | 0 | 24 | 15 | 154 | 346 | 342 | 61 | 18 | 0 | 0 | 960 |
| 2004 | 0 | 0 | 0 | 16 | 63 | 107 | 255 | 186 | 168 | 7 | 0 | 0 | 802 |
| 2005 | 0 | 0 | 0 | 6 | 51 | 253 | 403 | 277 | 199 | 41 | 0 | 0 | 1230 |
| 2006 | 0 | 0 | 0 | 15 | 108 | 238 | 434 | 267 | 38 | 32 | 0 | 0 | 1132 |
| 2007 | 0 | 0 | 0 | 25 | 80 | 205 | 364 | 327 | 100 | 27 | 0 | 0 | 1128 |
| 2008 | 0 | 0 | 0 | 0 | 22 | 141 | 334 | 243 | 75 | 6 | 0 | 0 | 821 |
| 2009 | 0 | 0 | 0 | 9 | 53 | 171 | 180 | 186 | 33 | 0 | 0 | 0 | 632 |
| 2010 | 0 | 0 | 0 | 7 | 66 | 193 | 330 | 332 | 49 | 8 | 0 | 0 | 985 |
| 2011 | 0 | 0 | 0 | 0 | 59 | 171 | 461 | 290 | 45 | 33 | 0 | 0 | 1059 |
| 2012 | 0 | 0 | 21 | 20 | 111 | 281 | 548 | 286 | 106 | 0 | 0 | 0 | 1373 |
| 2013 | 0 | 0 | 0 | 4 | 60 | 183 | 291 | 286 | 172 | 9 | 0 | 0 | 1005 |
| 2014 | 0 | 0 | 0 | 2 | 95 | 194 | 196 | 240 | 81 | 4 | 0 | 0 | 812 |
| 2015 | 0 | 0 | 0 | 5 | 28 | 186 | 304 | 203 | 166 | 24 | 1 | 0 | 917 |

SNOWFALL (inches) 2015 NORFOLK (KOFK)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|----------------|-----|-----|-----|-----|------|------|------|------|------|------|-----|-----|-------|
| 1987-88 | 0.0 | 0.0 | 0.0 | T | 3.9 | 3.4 | 7.2 | 4.4 | 0.7 | 3.0 | 0.0 | 0.0 | 22.6 |
| 1988-89 | 0.0 | 0.0 | 0.0 | 0.0 | 5.0 | 2.1 | 3.8 | 5.8 | 6.7 | 0.1 | T | 0.0 | 23.5 |
| 1989-90 | T | 0.0 | 0.0 | 0.0 | 1.2 | 6.0 | 6.5 | 4.1 | 0.3 | 1.1 | 0.0 | T | 19.2 |
| 1990-91 | 0.0 | T | 0.0 | 0.4 | 8.6 | 5.0 | 9.5 | 1.9 | 8.8 | 0.0 | T | T | 34.2 |
| 1991-92 | 0.0 | 0.0 | 0.0 | 6.5 | 9.2 | T | 1.0 | 1.7 | 3.0 | 3.1 | T | 0.0 | 24.5 |
| 1992-93 | 0.0 | T | 0.0 | T | 2.6 | 7.7 | 13.0 | 17.8 | 3.2 | 0.2 | T | T | 44.5 |
| 1993-94 | T | 0.0 | 0.0 | T | 5.0 | 4.6 | 6.4 | 8.4 | 0.5 | 5.3 | T | 0.0 | 30.2 |
| 1994-95 | T | 0.0 | 0.0 | 0.0 | 1.5 | 10.1 | 3.3 | 1.4 | 9.8 | 2.9 | 0.0 | 0.0 | 29.0 |
| 1995-96 | T | 0.0 | T | 1.1 | 1.6 | 6.6 | 13.3 | 0.1 | 6.7 | 3.6 | 0.0 | T | 33.0 |
| 1996-97 | T | 0.0 | 0.0 | 0.0 | 5.1 | 8.0 | 2.8 | 8.2 | 0.1 | 12.6 | 0.0 | 0.0 | 36.8 |
| 1997-98 | 0.0 | T | 0.0 | 2.9 | 0.8 | 3.1 | 1.5 | 0.6 | 12.9 | 0.2 | T | T | 22.0 |
| 1998-99 | 0.0 | 0.0 | T | T | 3.9 | 3.9 | 4.2 | 8.7 | 2.5 | T | 0.0 | 0.0 | 23.2 |
| 1999-00 | 0.0 | 0.0 | 0.0 | 0.0 | 1.5 | 2.8 | 1.2 | 3.8 | 0.5 | T | 0.0 | 0.0 | 9.8 |
| 2000-01 | 0.0 | 0.0 | 0.0 | 0.0 | 8.5 | 3.4 | 10.9 | 3.0 | 1.0 | T | 0.0 | 0.0 | 26.8 |
| 2001-02 | 0.0 | 0.0 | 0.0 | 0.0 | T | 1.0 | 6.6 | 3.0 | 7.6 | T | T | 0.0 | 18.2 |
| 2002-03 | 0.0 | 0.0 | 0.0 | 3.8 | 2.8 | 0.5 | 9.0 | 5.5 | 2.8 | 5.6 | T | 0.0 | 30.0 |
| 2003-04 | 0.0 | 0.0 | 0.0 | 0.0 | 1.5 | 2.0 | 8.8 | 11.2 | 7.6 | T | 0.0 | 0.0 | 31.1 |
| 2004-05 | 0.0 | 0.0 | 0.0 | 0.0 | 2.7 | T | 6.9 | 2.4 | 0.4 | 0.0 | 0.0 | 0.0 | 12.4 |
| 2005-06 | 0.0 | 0.0 | 0.0 | 0.0 | 12.6 | 3.3 | T | 2.4 | 18.4 | T | 0.0 | 0.0 | 36.7 |
| 2006-07 | 0.0 | 0.0 | 0.0 | T | T | T | 12.7 | 7.6 | 2.1 | T | 0.0 | 0.0 | 22.4 |
| 2007-08 | 0.0 | 0.0 | 0.0 | 0.0 | T | 14.1 | 9.2 | 3.7 | 1.2 | 3.4 | 0.0 | 0.0 | 31.6 |
| 2008-09 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 | 15.6 | 8.5 | 5.1 | 1.1 | 2.0 | 0.0 | 0.0 | 34.9 |
| 2009-10 | 0.0 | 0.0 | 0.0 | 4.2 | 0.0 | 30.8 | 9.2 | 10.5 | 0.3 | 0.0 | 0.0 | 0.0 | 55.0 |
| 2010-11 | 0.0 | 0.0 | 0.0 | T | 2.3 | 4.6 | 19.1 | 3.1 | 7.6 | 3.8 | 0.0 | 0.0 | 40.5 |
| 2011-12 | 0.0 | 0.0 | 0.0 | 0.0 | T | 8.1 | 2.1 | 5.1 | T | 0.0 | 0.0 | 0.0 | 15.3 |
| 2012-13 | 0.0 | 0.0 | 0.0 | T | T | 7.5 | 0.3 | 7.1 | 5.8 | 6.6 | T | 0.0 | 27.3 |
| 2013- | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 | 2.4 | | | | | | | |
| 2013-14 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 | 2.4 | 1.2 | 6.9 | 4.0 | 4.5 | 0.0 | 0.0 | 19.9 |
| 2014-15 | 0.0 | 0.0 | 0.0 | 0.0 | 3.7 | 5.9 | 6.7 | 4.0 | 0.2 | 0.2 | 0.0 | 0.0 | 20.7 |
| 2015- | 0.0 | 0.0 | 0.0 | 0.0 | 8.8 | 11.2 | | | | | | | |
| POR= 68 YRS | T | T | T | 0.5 | 3.4 | 6.3 | 6.1 | 5.8 | 5.9 | 2.0 | T | T | 30.0 |

WBAN : 14941

REFERENCE NOTES :

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|---|---|
| <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> |
|---|---|

2015 NORFOLK NEBRASKA (KOFK)

Norfolk is located in northeastern Nebraska, in the valley of the Elkhorn River. The city of Norfolk lies at an average elevation of 1,550 feet above sea level. The surrounding country is moderately rolling in all directions. The terrain becomes more level to the south and southwest. Norfolk is situated near the western limit of the Corn Belt. To the east the climate and soils are favorable for diversified farming and dairying. To the west precipitation becomes lighter, and the farming country gives way to the grazing lands of the Great Plains. There are no local topographic features of sufficient importance to affect the climate of the area.

Northeast Nebraska has a climate typical of the interior of large continents in middle latitudes. The rainfall is moderate. Summers are hot and winters cold, and there are great variations in temperature and precipitation from day to day and from season to season. Most of the moisture which falls over this area is brought in from the Gulf of Mexico. The rapid changes in temperature are caused by the interchange of warm air from the south and southwest with cold air from the north. The rapid day to day changes in weather conditions produce an invigorating and healthful climate in northeast Nebraska.

Daily temperature ranges of 30 to 40 degrees are not uncommon. Summertime precipitation is almost wholly in the form of showers and thunderstorms. Practically all precipitation in the colder months is in the form of snow. As a rule, nearly 85 percent of the snowfall occurs from December to March and the ground is covered by snow during this period.

Norfolk is subject to the strong and persistent winds which prevail over the Great Plains states. Winds of 40 to 50 mph are not uncommon in this area, and gusts up to 100 mph have been recorded at Norfolk. Prevailing winds are from the south and southwest from May through September, with prevailing northwesterly winds during the remainder of the year.

Based on the 1951-1980 period, the average first occurrence of 32 degrees Fahrenheit in the fall is October 5 and the average last occurrence in the spring is May 1.

Station History

NORFOLK, NE

| NAME | Begin Date | End Date | Latitude | Longitude | Elevation Feet | Relocation | Platform |
|---------------------------------|------------|------------|----------|-----------|----------------|------------|-------------------|
| NORFOLK MUNICIPAL AP | 1946-10-05 | 1947-12-01 | 41° 58' | -97° 25' | 1545 | | AIRWAYS |
| NORFOLK KARL STEFAN MEMORIAL AP | 1965-07-01 | 1973-01-01 | 41° 58' | -97° 25' | 1544 | | AIRWAYS, COOP |
| NORFOLK KARL STEFAN MEMORIAL AP | 1973-01-01 | 1996-04-01 | 41° 58' | -97° 25' | 1544 | | COOP, WXSVC |
| NORFOLK KARL STEFAN MEMORIAL AP | 2004-07-09 | Present | 41° 59' | -97° 26' | 1551 | | ASOS, COOP, WXSVC |
| NORFOLK KARL STEFAN FIELD | 1951-12-01 | 1965-07-01 | 41° 58' | -97° 25' | 1544 | | AIRWAYS, COOP |
| NORFOLK CITY AUDITORIUM | 1945-10-01 | 1946-09-30 | 42° 1' | -97° 25' | | | WXSVC |
| NORFOLK KARL STEFAN MEMORIAL AP | 1996-04-01 | 2004-07-09 | 41° 58' | -97° 26' | 1550 | | ASOS, COOP, WXSVC |
| NORFOLK MUNICIPAL AP | 1947-12-01 | 1951-12-01 | 41° 58' | -97° 25' | 1544 | | AIRWAYS, COOP |

Element History

| Element | Begin Date | End Date | Frequency | Time Of Observation | Equipment * | Equipment * Modifications | Equipment Exposure |
|---------|------------|------------|-----------|---------------------|-------------|---------------------------|--------------------|
| PRECIP | 1996-04-01 | 2004-07-09 | HOURLY | 2400 | TB | RCRD | |
| PRECIP | 2004-07-09 | 2005-10-20 | DAILY | 2400 | PCPN1 | | |
| TEMP | 2004-07-09 | 2005-10-20 | DAILY | 2400 | HYGR | | |
| TEMP | 1988-01-25 | 1995-07-01 | DAILY | 2400 | HYGR | | |
| PRECIP | 1982-01-01 | 1988-01-25 | DAILY | 2400 | UNIV | RCRD | |
| PRECIP | 1988-01-25 | 1995-07-01 | DAILY | 2400 | UNIV | RCRD | |
| WIND | 1996-04-01 | 2004-07-09 | HOURLY | UNKN | ANEMCUP | | |
| PRECIP | 1996-04-01 | 2004-07-09 | DAILY | 2400 | TB | RCRD | |
| WIND | 2004-07-09 | 2005-10-20 | HOURLY | UNKN | ANEMCUP | | |
| PRECIP | 2005-10-20 | Present | HOURLY | 2400 | TB | RCRD | |
| PRECIP | 1946-10-05 | 1982-01-01 | DAILY | 2400 | UNIV | RCRD | |
| PRECIP | 1988-01-25 | 1995-07-01 | HOURLY | 2400 | | | |
| PRECIP | 1995-07-01 | 1996-04-01 | HOURLY | 2400 | UNIV | RCRD | |
| PRECIP | 2005-10-20 | Present | DAILY | 2400 | PCPN1 | | |
| TEMP | 1946-10-05 | 1982-01-01 | DAILY | 2400 | | | |
| TEMP | 1982-01-01 | 1988-01-25 | DAILY | 2400 | | | |
| PRECIP | 1995-07-01 | 1996-04-01 | DAILY | 2400 | UNIV | RCRD | |
| WIND | 2005-10-20 | Present | HOURLY | UNKN | ANEMSONIC | | |
| TEMP | 1996-04-01 | 2004-07-09 | DAILY | 2400 | HYGR | | |
| PRECIP | 2004-07-09 | 2005-10-20 | HOURLY | 2400 | TB | RCRD | |
| TEMP | 2005-10-20 | Present | DAILY | 2400 | HYGR | | |
| PRECIP | 1982-01-01 | 1988-01-25 | HOURLY | 2400 | | | |
| TEMP | 1995-07-01 | 1996-04-01 | DAILY | 2400 | HYGR | | |

* 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>

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