

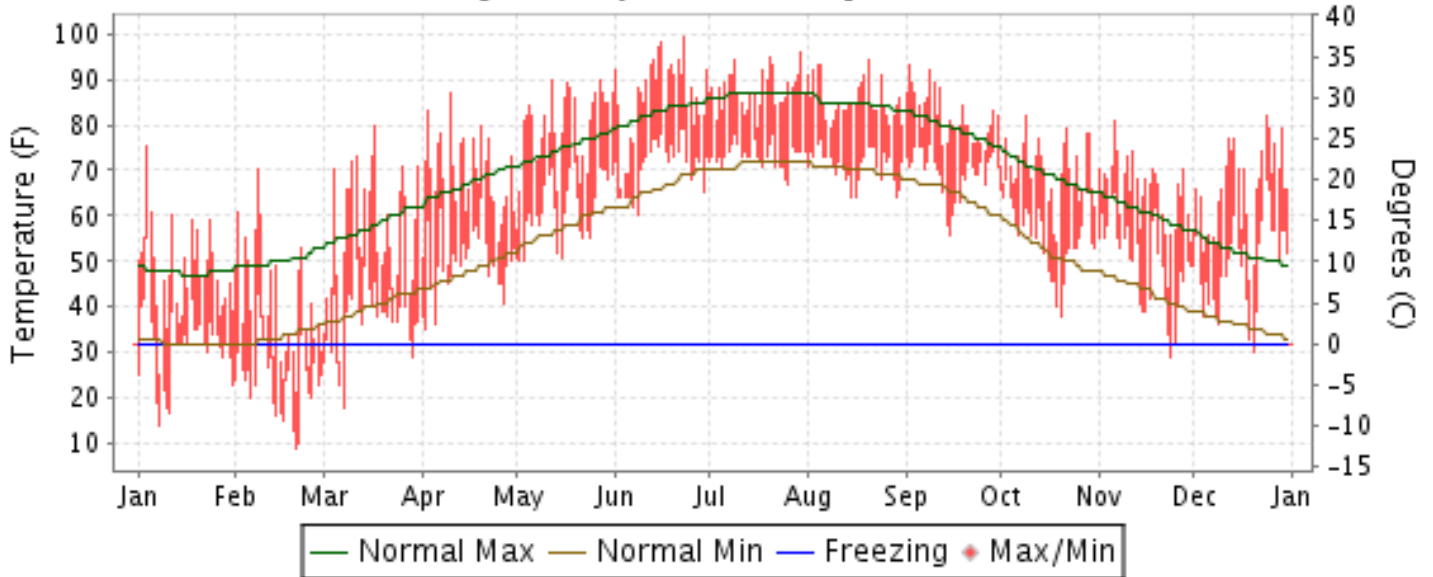


2015 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

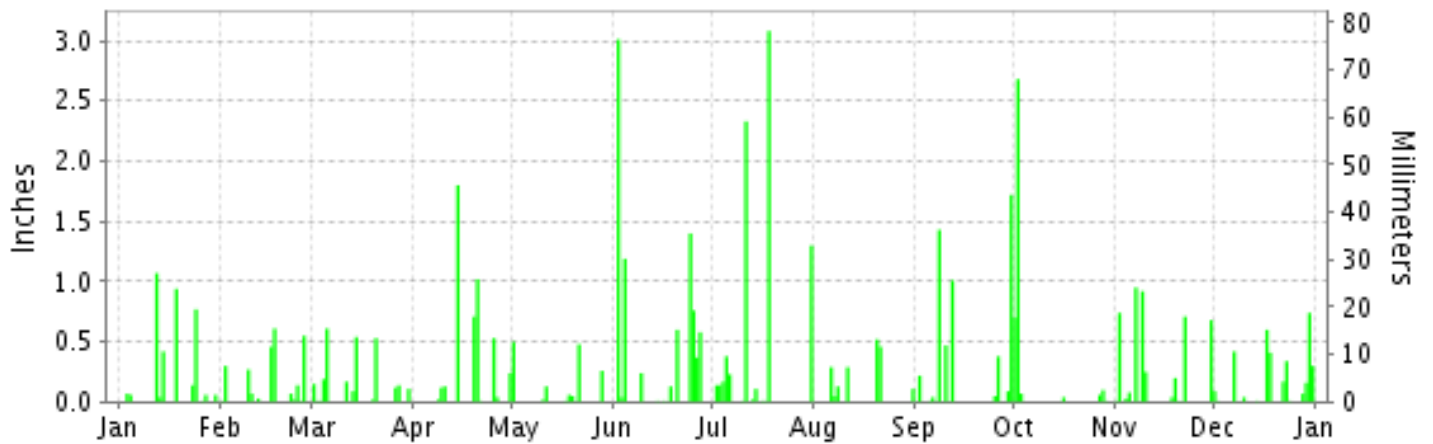
ISSN 0198-5345

NORFOLK, VIRGINIA (KORF)

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 (KORF)

LATITUDE: 36° 54'N LONGITUDE: 76° 11'W ELEVATION (FT): GRND: 30 BARO: 69 TIME ZONE: EASTERN (UTC -5) WBAN: 13737

| ELEMENT | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR | |
|----------------------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|----|
| TEMPERATURE °F | MEAN DAILY MAXIMUM | 47.7 | 41.0 | 56.7 | 68.5 | 79.4 | 86.4 | 87.6 | 85.5 | 81.9 | 69.9 | 65.2 | 65.6 | 69.6 | |
| | HIGHEST DAILY MAXIMUM | 75 | 70 | 80 | 87 | 90 | 99 | 96 | 94 | 93 | 82 | 81 | 82 | 99 | |
| | DATE OF OCCURRENCE | 04 | 08 | 17 | 10 | 27+ | 23 | 30 | 20 | 02 | 09 | 06 | 24 | JUN 23 | |
| | MEAN DAILY MINIMUM | 31.7 | 23.9 | 38.1 | 49.6 | 61.6 | 71.0 | 73.2 | 71.1 | 69.4 | 55.7 | 49.6 | 49.3 | 53.7 | |
| | LOWEST DAILY MINIMUM | 14 | 9 | 18 | 35 | 50 | 60 | 67 | 64 | 56 | 38 | 29 | 30 | 9 | |
| | DATE OF OCCURRENCE | 08 | 20 | 07 | 02 | 03+ | 08 | 26 | 29+ | 15 | 20 | 24 | 20 | FEB 20 | |
| | AVERAGE DRY BULB | 39.7 | 32.5 | 47.4 | 59.1 | 70.5 | 78.7 | 80.4 | 78.3 | 75.7 | 62.8 | 57.4 | 57.5 | 61.7 | |
| | MEAN WET BULB | 34.7 | | 41.5 | 52.4 | 62.4 | 70.8 | 72.6 | 70.4 | 69.4 | 57.4 | | 53.1 | | |
| | MEAN DEW POINT | 26.8 | | 33.7 | 45.3 | 56.9 | 66.9 | 68.8 | 65.9 | 66.1 | 52.4 | | 49.3 | | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | MAXIMUM >= 90° | 0 | 0 | 0 | 0 | 2 | 14 | 9 | 7 | 2 | 0 | 0 | 0 | 0 | 34 |
| MAXIMUM <= 32° | 1 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 16 | |
| MINIMUM <= 32° | 17 | 24 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 50 | |
| MINIMUM <= 0° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| H/C | HEATING DEGREE DAYS | 778 | 902 | 539 | 194 | 30 | 0 | 0 | 0 | 0 | 106 | 233 | 255 | 3037 | |
| | COOLING DEGREE DAYS | 0 | 0 | 2 | 23 | 211 | 418 | 486 | 418 | 327 | 47 | 13 | 29 | 1974 | |
| RH | MEAN (PERCENT) | 64 | 59 | 64 | 63 | 65 | 70 | 70 | 68 | 75 | 70 | 71 | 77 | 68 | |
| | HOUR 01 LST | 69 | 62 | 72 | 75 | 75 | 83 | 81 | 79 | 83 | 79 | 75 | 82 | 76 | |
| | HOUR 07 LST | 71 | 65 | 66 | 67 | 65 | 71 | 72 | 70 | 77 | 75 | 77 | 83 | 72 | |
| | HOUR 13 LST | 57 | 50 | 55 | 48 | 52 | 55 | 57 | 53 | 63 | 58 | 61 | 66 | 56 | |
| | HOUR 19 LST | 66 | 58 | 65 | 63 | 66 | 68 | 72 | 71 | 77 | 72 | 73 | 81 | 69 | |
| W/O | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | HEAVY FOG(VISBY <= 1/4 MI) | 0 | 2 | 2 | 3 | 2 | 2 | 2 | 0 | 2 | 0 | 0 | 4 | 19 | |
| | THUNDERSTORMS | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | |
| PR | MEAN STATION PRESS. (IN.) | 30.11 | 30.07 | 30.10 | 29.98 | 30.11 | 29.94 | 29.90 | 29.96 | 29.99 | 30.03 | 30.16 | 30.09 | 30.04 | |
| | MEAN SEA-LEVEL PRESS. (IN.) | 30.14 | 30.09 | 30.14 | 30.01 | 30.14 | 29.97 | 29.94 | 29.99 | 30.03 | 30.07 | 30.19 | 30.12 | 30.07 | |
| WINDS | RESULTANT SPEED (MPH) | 2.4 | 3.2 | 1.5 | 1.1 | 2.5 | 1.7 | 2.1 | 1.3 | 5.1 | 5.0 | 1.5 | 2.7 | 0.5 | |
| | RES. DIR. (TENS OF DEGS.) | 33 | 33 | 33 | 19 | 18 | 19 | 19 | 06 | 05 | 03 | 36 | 21 | 02 | |
| | MEAN SPEED (MPH) | 8.7 | 11.0 | 10.0 | 9.6 | 9.8 | 8.7 | 7.7 | 7.6 | 9.1 | 10.8 | 7.7 | 8.2 | 9.1 | |
| | PREVAIL.DIR.(TENS OF DEGS.) | 35 | 01 | 02 | 21 | 22 | 21 | 21 | 03 | 06 | 03 | 03 | 21 | 03 | |
| | MAXIMUM 2-MINUTE WIND | | | | | | | | | | | | | | |
| | SPEED (MPH) | 29 | 33 | 33 | 32 | 26 | 32 | 31 | 28 | 26 | 36 | 26 | 30 | 36 | |
| | DIR. (TENS OF DEGS.) | 02 | 24 | 22 | 22 | 03 | 24 | 15 | 03 | 07 | 03 | 03 | 20 | 03 | |
| | DATE OF OCCURRENCE | 13 | 14 | 31 | 03 | 01 | 20 | 18 | 08 | 26 | 05 | 22 | 23 | OCT 05 | |
| | MAXIMUM 3-SECOND WIND: | | | | | | | | | | | | | | |
| SPEED (MPH) | 39 | 52 | 41 | 41 | 36 | 49 | 42 | 35 | 36 | 47 | 35 | 43 | 52 | | |
| DIR. (TENS OF DEGS.) | 24 | 24 | 21 | 22 | 04 | 26 | 17 | 04 | 07 | 03 | 36 | 20 | 24 | | |
| DATE OF OCCURRENCE | 04 | 14 | 31 | 03 | 01 | 20 | 18 | 08 | 26 | 04 | 20 | 23 | FEB 14 | | |
| PRECIPITATION | WATER EQUIVALENT: | | | | | | | | | | | | | | |
| | TOTAL (IN.) | 3.64 | 2.54 | 2.69 | 4.62 | 1.51 | 8.34 | 7.93 | 1.85 | 5.42 | 3.66 | 4.62 | 3.37 | 50.19 | |
| | GREATEST 24-HOUR (IN.) | 1.08 | 0.61 | 0.63 | 1.80 | 0.50 | 3.01 | 3.08 | 0.98 | 1.72 | 2.68 | 1.16 | 1.00 | 3.08 | |
| | DATE OF OCCURRENCE | 12-13 | 17 | 13-14 | 14 | 01 | 02 | 18 | 20-21 | 30 | 02 | 09-10 | 17-18 | JUL 18 | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| PRECIPITATION 0.01 | 11 | 12 | 13 | 10 | 8 | 12 | 13 | 7 | 10 | 7 | 12 | 14 | 129 | | |
| PRECIPITATION 0.10 | 5 | 6 | 9 | 7 | 4 | 9 | 9 | 6 | 5 | 3 | 7 | 8 | 78 | | |
| PRECIPITATION 1.00 | 1 | 0 | 0 | 2 | 0 | 3 | 3 | 0 | 3 | 1 | 0 | 0 | 13 | | |
| SNOWFALL | SNOW,ICE PELLETS,HAIL | | | | | | | | | | | | | | |
| | TOTAL (IN.) | 1.0 | 11.5 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 12.7 | |
| | GREATEST 24-HOUR (IN.) | 1.0 | 5.5 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.5 | |
| | DATE OF OCCURRENCE | 27 | 26 | 05 | | | | | | | | | | FEB 26 | |
| | MAXIMUM SNOW DEPTH (IN.) | 1 | | | | | | | | | | | | | |
| | DATE OF OCCURRENCE | 27 | | | | | | | | | | | | | |
| NUMBER OF DAYS WITH: | | | | | | | | | | | | | | | |
| SNOWFALL >= 1.0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | | |

NORMALS, MEANS, AND EXTREMES NORFOLK (KORF)

LATITUDE: 36° 54'N LONGITUDE: 76° 11'W ELEVATION (FT): GRND: 30 BARO: 69 TIME ZONE: EASTERN (UTC -5) WBAN: 13737

| | ELEMENT | POR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|--|---|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----------|
| TEMPERATURE °F | NORMAL DAILY MAXIMUM | 30 | 48.1 | 50.9 | 58.2 | 67.6 | 75.4 | 83.5 | 87.4 | 85.1 | 79.3 | 70.1 | 61.1 | 52.1 | 68.2 |
| | MEAN DAILY MAXIMUM | 70 | 48.9 | 50.6 | 58.2 | 68.2 | 76.0 | 83.5 | 87.4 | 85.5 | 79.9 | 70.4 | 61.3 | 52.7 | 68.6 |
| | HIGHEST DAILY MAXIMUM | 67 | 80 | 82 | 88 | 97 | 100 | 101 | 105 | 104 | 99 | 95 | 86 | 82 | 105 |
| | YEAR OF OCCURRENCE | | 2002 | 2012 | 1990 | 1960 | 1991 | 2008 | 2010 | 1980 | 2014 | 1954 | 1974 | 2015 | JUL 2010 |
| | MEAN OF EXTREME MAXS. | 70 | 70.8 | 72.5 | 80.0 | 86.9 | 90.8 | 95.4 | 97.1 | 95.4 | 92.0 | 84.8 | 78.5 | 72.5 | 84.7 |
| | NORMAL DAILY MINIMUM | 30 | 32.7 | 34.4 | 40.5 | 48.9 | 57.9 | 67.1 | 71.9 | 70.7 | 65.3 | 54.0 | 44.6 | 36.1 | 52.0 |
| | MEAN DAILY MINIMUM | 70 | 32.5 | 33.3 | 40.0 | 48.6 | 57.8 | 66.1 | 71.0 | 70.2 | 64.8 | 53.7 | 43.8 | 36.0 | 51.5 |
| | LOWEST DAILY MINIMUM | 67 | -3 | 8 | 18 | 28 | 36 | 45 | 54 | 49 | 45 | 27 | 20 | 7 | -3 |
| | YEAR OF OCCURRENCE | | 1985 | 1965 | 2015 | 1982 | 1966 | 1967 | 1979 | 1982 | 1967 | 1976 | 1950 | 1983 | JAN 1985 |
| | MEAN OF EXTREME MINS. | 70 | 17.5 | 20.1 | 26.9 | 35.6 | 45.0 | 54.7 | 62.3 | 61.0 | 52.9 | 38.6 | 29.4 | 21.6 | 38.8 |
| | NORMAL DRY BULB | 30 | 40.4 | 42.6 | 49.4 | 58.2 | 66.6 | 75.3 | 79.6 | 77.9 | 72.3 | 62.1 | 52.9 | 44.1 | 60.1 |
| | MEAN DRY BULB | 70 | 40.7 | 42.0 | 49.1 | 58.4 | 66.9 | 74.9 | 79.2 | 77.9 | 72.4 | 62.0 | 52.5 | 44.4 | 60.0 |
| | MEAN WET BULB | 31 | 35.1 | 37.2 | 41.9 | 50.3 | 59.2 | 67.5 | 71.6 | 70.8 | 65.8 | 55.8 | 47.0 | 39.5 | 53.5 |
| | MEAN DEW POINT | 31 | 32.6 | 33.4 | 39.7 | 47.9 | 57.5 | 66.2 | 70.6 | 69.9 | 64.6 | 54.2 | 44.0 | 36.8 | 51.5 |
| | NORMAL NO. DAYS WITH: MAXIMUM >= 90 | 30 | 0.0 | 0.0 | 0.0 | 0.2 | 1.2 | 5.9 | 10.9 | 7.0 | 1.7 | 0.1 | 0.0 | 0.0 | 27.0 |
| | MAXIMUM <= 32 | 30 | 2.1 | 0.6 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 3.5 |
| | MINIMUM <= 32 | 30 | 14.8 | 10.7 | 4.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 10.5 | 42.3 |
| MINIMUM <= 0 | 30 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| H/C | NORMAL HEATING DEG. DAYS | 30 | 763 | 627 | 492 | 239 | 71 | 6 | 0 | 0 | 11 | 146 | 373 | 649 | 3377 |
| | NORMAL COOLING DEG. DAYS | 30 | 0 | 1 | 6 | 37 | 122 | 315 | 454 | 400 | 230 | 55 | 8 | 1 | 1629 |
| RH | NORMAL (PERCENT) | 30 | 68 | 66 | 66 | 64 | 70 | 71 | 73 | 75 | 74 | 72 | 70 | 69 | 70 |
| | HOURLY 01 LST | 30 | 72 | 72 | 73 | 73 | 80 | 83 | 84 | 85 | 84 | 81 | 76 | 74 | 78 |
| | HOURLY 07 LST | 30 | 74 | 75 | 75 | 73 | 77 | 79 | 81 | 84 | 83 | 82 | 78 | 76 | 78 |
| | HOURLY 13 LST | 30 | 59 | 56 | 55 | 50 | 56 | 57 | 58 | 61 | 61 | 58 | 57 | 59 | 57 |
| | HOURLY 19 LST | 30 | 67 | 65 | 63 | 60 | 65 | 66 | 69 | 73 | 74 | 73 | 70 | 68 | 68 |
| S | PERCENT POSSIBLE SUNSHINE | 32 | 53 | 56 | 60 | 63 | 62 | 67 | 62 | 62 | 61 | 58 | 56 | 54 | 60 |
| W/O | MEAN NO. DAYS WITH: HEAVY FOG(VISBY <= 1/4 MI) | 52 | 1.7 | 1.7 | 1.7 | 1.2 | 1.1 | 0.5 | 0.4 | 0.4 | 0.7 | 1.2 | 1.3 | 1.7 | 13.6 |
| | THUNDERSTORMS | 68 | 0.4 | 0.5 | 1.7 | 2.5 | 4.6 | 5.4 | 7.9 | 6.4 | 2.6 | 1.1 | 0.5 | 0.3 | 33.9 |
| CLOUDINESS | MEAN: SUNRISE-SUNSET (OKTAS) | 48 | 5.0 | 5.0 | 4.9 | 4.6 | 4.9 | 4.7 | 4.7 | 4.6 | 4.5 | 4.2 | 4.4 | 4.8 | 4.7 |
| | MIDNIGHT-MIDNIGHT (OKTAS) | 32 | 4.7 | 4.7 | 4.4 | 4.2 | 4.6 | 4.4 | 4.5 | 4.4 | 4.2 | 4.0 | 4.1 | 4.4 | 4.4 |
| | MEAN NO. DAYS WITH: CLEAR | 48 | 8.8 | 8.1 | 8.9 | 8.8 | 7.7 | 7.5 | 7.4 | 7.9 | 9.1 | 11.6 | 10.3 | 9.4 | 105.5 |
| | PARTLY CLOUDY | 48 | 6.5 | 6.2 | 7.6 | 9.3 | 10.0 | 11.7 | 12.0 | 11.9 | 9.5 | 7.2 | 7.9 | 6.8 | 106.6 |
| | CLOUDY | 48 | 15.7 | 13.9 | 14.5 | 11.9 | 13.3 | 10.8 | 11.6 | 11.3 | 11.5 | 12.2 | 11.7 | 14.8 | 153.2 |
| PR | MEAN STATION PRESSURE(IN) | 32 | 30.07 | 30.05 | 30.03 | 29.96 | 29.98 | 29.95 | 29.97 | 29.99 | 30.02 | 30.04 | 30.08 | 30.09 | 30.02 |
| | MEAN SEA-LEVEL PRES. (IN) | 32 | 30.11 | 30.08 | 30.06 | 29.99 | 30.01 | 29.98 | 30.00 | 30.02 | 30.05 | 30.07 | 30.12 | 30.12 | 30.05 |
| WINDS | MEAN SPEED (MPH) | 32 | 10.1 | 10.4 | 11.0 | 10.9 | 10.0 | 9.1 | 8.5 | 8.0 | 9.2 | 9.1 | 9.4 | 9.6 | 9.6 |
| | PREVAIL.DIR.(TENS OF DEGS) | 47 | 36 | 03 | 05 | 23 | 23 | 24 | 22 | 23 | 05 | 05 | 24 | 24 | 22 |
| | MAXIMUM 2-MINUTE: SPEED (MPH) | 19 | 45 | 41 | 45 | 40 | 43 | 37 | 44 | 46 | 47 | 43 | 58 | 37 | 58 |
| | DIR. (TENS OF DEGS) | | 23 | 07 | 04 | 22 | 22 | 21 | 17 | 11 | 06 | 02 | 05 | 23 | 05 |
| | YEAR OF OCCURRENCE | | 2013 | 1998 | 2009 | 2011 | 2011 | 2011 | 2007 | 1998 | 2003 | 2012 | 2009 | 2009 | NOV 2009 |
| | MAXIMUM 3-SECOND SPEED (MPH) | 19 | 61 | 60 | 69 | 53 | 56 | 60 | 68 | 67 | 74 | 52 | 74 | 49 | 74 |
| | DIR. (TENS OF DEGS) | | 24 | 07 | 30 | 22 | 21 | 02 | 16 | 22 | 11 | 04 | 05 | 02 | 05 |
| YEAR OF OCCURRENCE | | 2013 | 2010 | 2007 | 2011 | 2011 | 2006 | 2003 | 2000 | 2003 | 2012 | 2009 | 2004 | NOV 2009 | |
| PRECIPITATION | NORMAL (IN) | 30 | 3.40 | 3.12 | 3.68 | 3.41 | 3.41 | 4.26 | 5.14 | 5.52 | 4.76 | 3.42 | 3.15 | 3.26 | 46.53 |
| | MAXIMUM MONTHLY (IN) | 67 | 9.93 | 8.21 | 10.36 | 7.25 | 10.12 | 10.53 | 14.37 | 14.32 | 13.80 | 10.12 | 9.20 | 7.57 | 14.37 |
| | YEAR OF OCCURRENCE | | 1987 | 1998 | 1994 | 1984 | 1979 | 2006 | 1994 | 1992 | 1979 | 1971 | 2009 | 2009 | JUL 1994 |
| | MINIMUM MONTHLY (IN) | 67 | 1.05 | 0.65 | 0.52 | 0.43 | 0.64 | 0.37 | 0.36 | 0.67 | 0.26 | 0.01 | 0.08 | 0.67 | 0.01 |
| | YEAR OF OCCURRENCE | | 1981 | 2006 | 2006 | 1985 | 1991 | 1954 | 1993 | 2008 | 1986 | 2000 | 2001 | 1988 | OCT 2000 |
| | MAXIMUM IN 24 HOURS (IN) | 67 | 3.80 | 4.78 | 4.02 | 5.90 | 3.41 | 6.85 | 5.64 | 11.40 | 8.93 | 7.29 | 5.01 | 2.80 | 11.40 |
| | YEAR OF OCCURRENCE | | 1967 | 1998 | 1994 | 1991 | 1980 | 1963 | 1969 | 1964 | 2006 | 1999 | 2009 | 2008 | AUG 1964 |
| | NORMAL NO. DAYS WITH: PRECIPITATION >= 0.01 | 30 | 10.4 | 9.5 | 10.6 | 10.1 | 10.6 | 9.9 | 11.1 | 10.1 | 8.8 | 7.6 | 8.5 | 9.8 | 117.0 |
| PRECIPITATION >= 1.00 | 30 | 0.6 | 0.6 | 0.8 | 0.7 | 0.7 | 1.3 | 1.7 | 1.7 | 1.3 | 0.8 | 0.7 | 0.9 | 11.8 | |
| SNOWFALL | NORMAL (IN) | 30 | 2.4 | 2.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 5.8 |
| | MAXIMUM MONTHLY (IN) | 63 | 14.2 | 24.4 | 13.7 | 1.2 | T | T | 0.0 | T | 0.0 | 0.0 | 0.6 | 17.8 | 24.4 |
| | YEAR OF OCCURRENCE | | 1966 | 1989 | 1980 | 1964 | 2011 | 1990 | | 1991 | | | 1950 | 2010 | FEB 1989 |
| | MAXIMUM IN 24 HOURS (IN) | 63 | 9.1 | 14.2 | 9.9 | 1.2 | T | T | 0.0 | T | 0.0 | 0.0 | 0.6 | 13.4 | 14.2 |
| | YEAR OF OCCURRENCE | | 1973 | 1989 | 1980 | 1964 | 2011 | 1990 | | 1991 | | | 1950 | 2010 | FEB 1989 |
| | MAXIMUM SNOW DEPTH (IN) | 49 | 9 | 14 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 14 |
| | YEAR OF OCCURRENCE | | 1966 | 1980 | 1980 | | | | | | | | | 1958 | MAR 1980 |
| NORMAL NO. DAYS WITH: SNOWFALL >= 1.0 | 30 | 0.8 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 1.4 | |

PRECIPITATION (inches) 2015 NORFOLK (KORF)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|----------------|------|------|-------|------|------|-------|-------|-------|-------|------|------|------|--------|
| 1986 | 2.52 | 2.71 | 0.75 | 3.31 | 1.41 | 1.51 | 2.59 | 4.80 | 0.26 | 1.67 | 1.21 | 3.74 | 26.48 |
| 1987 | 9.93 | 3.11 | 2.30 | 3.83 | 2.65 | 2.98 | 3.20 | 2.04 | 7.00 | 1.81 | 3.51 | 2.33 | 44.69 |
| 1988 | 3.12 | 2.70 | 2.11 | 3.53 | 5.49 | 3.83 | 2.93 | 5.69 | 1.74 | 2.85 | 4.02 | 0.67 | 38.68 |
| 1989 | 2.70 | 5.80 | 8.50 | 3.62 | 2.97 | 5.10 | 4.86 | 7.49 | 5.10 | 2.94 | 3.69 | 3.86 | 56.63 |
| 1990 | 3.26 | 2.93 | 3.49 | 3.55 | 3.79 | 3.51 | 4.06 | 11.85 | 1.00 | 3.73 | 1.68 | 2.67 | 45.52 |
| 1991 | 4.74 | 0.84 | 4.70 | 6.39 | 0.64 | 4.54 | 6.46 | 3.77 | 2.04 | 4.65 | 1.72 | 2.43 | 42.92 |
| 1992 | 4.48 | 2.07 | 2.63 | 1.26 | 3.46 | 2.22 | 4.52 | 14.32 | 2.06 | 2.85 | 4.26 | 3.15 | 47.28 |
| 1993 | 4.89 | 2.36 | 5.91 | 3.59 | 2.88 | 2.79 | 0.36 | 1.45 | 4.14 | 3.40 | 0.97 | 3.29 | 36.03 |
| 1994 | 4.06 | 3.64 | 10.36 | 0.56 | 3.52 | 1.27 | 14.37 | 3.65 | 2.02 | 2.50 | 5.25 | 1.20 | 52.40 |
| 1995 | 2.40 | 2.80 | 2.95 | 2.76 | 2.42 | 4.54 | 1.78 | 1.50 | 5.05 | 4.82 | 2.94 | 1.86 | 35.82 |
| 1996 | 5.49 | 3.04 | 3.46 | 4.94 | 3.59 | 6.60 | 7.46 | 5.19 | 2.72 | 4.71 | 2.87 | 3.86 | 53.93 |
| 1997 | 2.09 | 2.94 | 3.21 | 3.01 | 1.66 | 1.10 | 7.85 | 1.76 | 1.97 | 4.31 | 4.94 | 2.64 | 37.48 |
| 1998 | 6.02 | 8.21 | 4.15 | 4.31 | 3.99 | 4.56 | 3.91 | 8.47 | 2.25 | 1.73 | 1.83 | 5.33 | 54.76 |
| 1999 | 3.51 | 2.33 | 3.29 | 3.66 | 3.85 | 3.60 | 6.17 | 4.47 | 13.16 | 8.24 | 1.40 | 1.71 | 55.39 |
| 2000 | 5.07 | 1.13 | 2.40 | 3.70 | 4.05 | 8.31 | 7.52 | 8.35 | 6.25 | 0.01 | 1.67 | 0.97 | 49.43 |
| 2001 | 1.46 | 2.16 | 4.73 | 1.48 | 2.89 | 6.91 | 4.40 | 4.21 | 2.46 | 0.75 | 0.08 | 1.83 | 33.36 |
| 2002 | 4.22 | 1.38 | 4.91 | 2.40 | 3.50 | 4.28 | 3.59 | 4.27 | 6.69 | 6.55 | 4.92 | 4.16 | 50.87 |
| 2003 | 2.34 | 5.25 | 2.91 | 6.39 | 4.66 | 3.43 | 8.56 | 6.08 | 9.54 | 3.91 | 2.45 | 6.24 | 61.76 |
| 2004 | 1.59 | 1.82 | 2.09 | 2.82 | 4.67 | 4.86 | 10.89 | 11.11 | 3.30 | 1.88 | 2.65 | 2.41 | 50.09 |
| 2005 | 2.48 | 2.32 | 2.25 | 2.74 | 4.02 | 4.50 | 3.67 | 7.61 | 2.90 | 5.53 | 3.79 | 4.30 | 46.11 |
| 2006 | 2.68 | 0.65 | 0.52 | 3.65 | 2.96 | 10.53 | 1.34 | 3.13 | 11.64 | 3.54 | 6.46 | 2.06 | 49.16 |
| 2007 | 2.71 | 2.09 | 1.84 | 3.19 | 2.06 | 3.80 | 4.77 | 3.71 | 0.38 | 5.39 | 0.31 | 3.50 | 33.75 |
| 2008 | 1.36 | 3.41 | 2.96 | 6.37 | 2.88 | 1.93 | 5.19 | 0.67 | 9.41 | 1.47 | 5.32 | 3.83 | 44.80 |
| 2009 | 1.82 | 1.26 | 5.28 | 2.28 | 4.77 | 5.81 | 2.47 | 13.22 | 7.77 | 3.21 | 9.20 | 7.57 | 64.66 |
| 2010 | 3.81 | 4.20 | 6.02 | 1.00 | 4.60 | 3.76 | 5.84 | 3.59 | 12.16 | 2.68 | 0.43 | 2.88 | 50.97 |
| 2011 | 3.64 | 2.24 | 2.96 | 1.21 | 1.95 | 4.63 | 10.89 | 10.79 | 7.26 | 2.13 | 1.84 | 1.56 | 51.10 |
| 2012 | 1.80 | 2.67 | 2.62 | 2.95 | 6.43 | 5.27 | 4.81 | 6.13 | 1.27 | 8.98 | 0.94 | 4.48 | 48.35 |
| 2013 | 2.76 | 4.80 | 2.50 | 3.21 | 4.15 | 2.62 | 8.19 | 5.04 | 0.93 | 4.13 | 2.57 | 4.75 | 45.65 |
| 2014 | 3.23 | 3.06 | 3.82 | 4.87 | 4.64 | 1.91 | 7.87 | 3.01 | 9.17 | 1.57 | 3.44 | 3.70 | 50.29 |
| 2015 | 3.64 | 2.54 | 2.69 | 4.62 | 1.51 | 8.34 | 7.93 | 1.85 | 5.42 | 3.66 | 4.62 | 3.37 | 50.19 |
| POR= 70 YRS | 3.47 | 3.16 | 3.62 | 3.16 | 3.65 | 3.91 | 5.48 | 5.40 | 4.47 | 3.36 | 3.05 | 3.20 | 45.93 |

WBAN : 13737

AVERAGE TEMPERATURE (°F) 2015 NORFOLK (KORF)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1986 | 39.3 | 42.1 | 49.9 | 57.3 | 67.6 | 76.1 | 82.1 | 76.6 | 72.4 | 65.4 | 54.9 | 44.8 | 60.7 |
| 1987 | 39.6 | 38.7 | 47.5 | 54.6 | 68.3 | 77.0 | 82.4 | 79.6 | 74.3 | 56.6 | 54.3 | 46.0 | 59.9 |
| 1988 | 37.3 | 42.5 | 49.5 | 56.5 | 65.8 | 73.6 | 80.1 | 80.8 | 70.5 | 56.9 | 54.2 | 42.4 | 59.2 |
| 1989 | 45.3 | 43.6 | 50.1 | 56.5 | 65.6 | 78.5 | 79.2 | 77.7 | 73.9 | 62.7 | 53.3 | 34.8 | 60.1 |
| 1990 | 47.3 | 50.2 | 53.2 | 58.7 | 66.6 | 75.5 | 80.6 | 78.0 | 71.6 | 65.9 | 55.0 | 50.5 | 62.8 |
| 1991 | 43.5 | 46.0 | 52.7 | 61.6 | 72.8 | 76.2 | 82.0 | 79.5 | 72.3 | 61.9 | 52.7 | 47.6 | 62.4 |
| 1992 | 42.7 | 45.0 | 48.8 | 58.2 | 62.4 | 72.0 | 81.8 | 75.6 | 73.5 | 59.7 | 53.8 | 44.6 | 59.8 |
| 1993 | 44.2 | 39.1 | 46.8 | 57.3 | 68.5 | 76.1 | 83.4 | 78.9 | 74.6 | 61.3 | 53.5 | 41.5 | 60.4 |
| 1994 | 36.5 | 43.4 | 51.7 | 64.7 | 64.9 | 79.6 | 83.0 | 77.6 | 72.4 | 62.0 | 57.5 | 50.1 | 62.0 |
| 1995 | 45.1 | 41.5 | 51.7 | 60.4 | 67.9 | 75.8 | 83.3 | 80.1 | 72.2 | 65.5 | 48.4 | 40.0 | 61.0 |
| 1996 | 38.7 | 41.3 | 45.0 | 58.8 | 65.2 | 75.2 | 77.7 | 74.9 | 72.4 | 61.8 | 46.5 | 46.7 | 58.7 |
| 1997 | 41.3 | 46.0 | 51.5 | 54.6 | 64.0 | 72.0 | 79.1 | 76.4 | 72.0 | 62.1 | 50.3 | 43.5 | 59.4 |
| 1998 | 46.5 | 47.2 | 50.8 | 58.9 | 67.5 | 75.9 | 79.0 | 78.9 | 75.3 | 61.9 | 52.6 | 48.7 | 61.9 |
| 1999 | 46.1 | 44.5 | 47.6 | 58.0 | 66.5 | 73.9 | 81.1 | 79.5 | 72.1 | 61.5 | 55.5 | 45.8 | 61.0 |
| 2000 | 40.2 | 45.1 | 53.0 | 57.5 | 70.3 | 76.1 | 76.3 | 76.6 | 71.5 | 62.1 | 49.3 | 38.2 | 59.7 |
| 2001 | 39.3 | 44.0 | 46.5 | 58.2 | 66.5 | 75.8 | 76.3 | 78.8 | 70.4 | 61.3 | 56.0 | 49.7 | 60.2 |
| 2002 | 44.6 | 45.7 | 52.2 | 62.7 | 66.7 | 76.8 | 80.8 | 79.5 | 74.1 | 64.4 | 51.1 | 42.3 | 61.7 |
| 2003 | 36.3 | 41.0 | 51.6 | 58.0 | 65.7 | 75.0 | 80.2 | 80.3 | 74.1 | 62.0 | 58.1 | 44.4 | 60.6 |
| 2004 | 38.8 | 42.6 | 52.4 | 60.3 | 73.1 | 75.1 | 79.2 | 76.0 | 72.6 | 61.0 | 53.3 | 44.3 | 60.7 |
| 2005 | 41.7 | 41.4 | 45.3 | 57.5 | 62.5 | 75.1 | 81.0 | 80.1 | 75.8 | 63.8 | 54.6 | 42.0 | 60.1 |
| 2006 | 47.4 | 42.6 | 49.7 | 60.5 | 66.2 | 74.4 | 80.8 | 81.3 | 70.4 | 61.1 | 54.5 | 48.2 | 61.4 |
| 2007 | 46.1 | 38.2 | 51.3 | 57.6 | 65.6 | 75.9 | 79.4 | 79.7 | 74.4 | 69.1 | 52.0 | 47.8 | 61.4 |
| 2008 | 42.2 | 46.8 | 52.9 | 59.0 | 65.2 | 79.2 | 79.0 | 77.7 | 73.9 | 60.4 | 49.4 | 48.2 | 61.2 |
| 2009 | 37.8 | 43.1 | 47.5 | 59.5 | 69.0 | 75.6 | 77.6 | 79.6 | 71.1 | 62.5 | 55.3 | 43.9 | 60.2 |
| 2010 | 37.9 | 37.3 | 51.0 | 61.8 | 70.2 | 80.3 | 82.8 | 80.2 | 75.2 | 63.9 | 52.6 | 35.1 | 60.7 |
| 2011 | 36.0 | 45.6 | 49.3 | 63.4 | 69.9 | 78.8 | 82.3 | 80.0 | 74.9 | 62.3 | 56.4 | 50.4 | 62.4 |
| 2012 | 47.2 | 47.0 | 59.3 | 60.6 | 70.3 | 74.4 | 82.5 | 79.0 | 72.4 | 62.5 | 48.6 | 49.7 | 62.8 |
| 2013 | 43.4 | 42.9 | 45.0 | 60.0 | 67.6 | 76.8 | 80.8 | 76.6 | 71.5 | 63.8 | 51.4 | 46.5 | 60.5 |
| 2014 | 37.1 | 41.4 | 46.2 | 58.0 | 69.6 | 76.6 | 78.6 | 77.0 | 73.8 | 64.3 | 49.1 | 45.6 | 59.8 |
| 2015 | 39.7 | 32.5 | 47.4 | 59.1 | 70.5 | 78.7 | 80.4 | 78.3 | 75.7 | 62.8 | 57.4 | 57.5 | 61.7 |
| POR= 70 YRS | 40.7 | 42.0 | 49.1 | 58.4 | 66.9 | 74.9 | 79.2 | 77.9 | 72.4 | 62.0 | 52.5 | 44.4 | 60.0 |

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

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1987-88 | 0 | 0 | 0 | 252 | 320 | 582 | 851 | 646 | 474 | 266 | 86 | 15 | 3492 |
| 1988-89 | 0 | 0 | 2 | 265 | 324 | 692 | 602 | 601 | 486 | 282 | 80 | 0 | 3334 |
| 1989-90 | 0 | 0 | 12 | 134 | 356 | 928 | 541 | 417 | 410 | 234 | 39 | 3 | 3074 |
| 1990-91 | 0 | 0 | 13 | 102 | 301 | 444 | 657 | 527 | 386 | 166 | 19 | 2 | 2617 |
| 1991-92 | 0 | 0 | 22 | 132 | 377 | 542 | 686 | 575 | 496 | 262 | 125 | 1 | 3218 |
| 1992-93 | 0 | 0 | 9 | 179 | 337 | 623 | 638 | 722 | 555 | 246 | 22 | 5 | 3336 |
| 1993-94 | 0 | 0 | 10 | 140 | 353 | 726 | 877 | 599 | 414 | 111 | 89 | 0 | 3319 |
| 1994-95 | 0 | 0 | 0 | 113 | 239 | 463 | 614 | 651 | 411 | 190 | 45 | 0 | 2726 |
| 1995-96 | 0 | 0 | 4 | 80 | 497 | 769 | 810 | 681 | 614 | 237 | 99 | 7 | 3798 |
| 1996-97 | 0 | 0 | 1 | 123 | 559 | 561 | 728 | 532 | 418 | 314 | 82 | 44 | 3362 |
| 1997-98 | 0 | 0 | 1 | 148 | 434 | 663 | 573 | 492 | 466 | 211 | 60 | 0 | 3048 |
| 1998-99 | 0 | 0 | 2 | 127 | 367 | 513 | 583 | 567 | 531 | 226 | 60 | 0 | 2976 |
| 1999-00 | 0 | 0 | 4 | 146 | 282 | 588 | 762 | 570 | 374 | 227 | 28 | 1 | 2982 |
| 2000-01 | 0 | 0 | 13 | 133 | 466 | 825 | 793 | 583 | 571 | 239 | 52 | 0 | 3675 |
| 2001-02 | 0 | 0 | 19 | 163 | 275 | 468 | 629 | 537 | 398 | 158 | 75 | 3 | 2725 |
| 2002-03 | 0 | 0 | 0 | 115 | 418 | 697 | 884 | 665 | 413 | 231 | 71 | 2 | 3496 |
| 2003-04 | 0 | 0 | 5 | 120 | 239 | 634 | 814 | 643 | 393 | 198 | 25 | 0 | 3071 |
| 2004-05 | 0 | 0 | 2 | 155 | 353 | 633 | 719 | 654 | 605 | 241 | 108 | 6 | 3476 |
| 2005-06 | 0 | 0 | 0 | 110 | 318 | 708 | 538 | 620 | 484 | 168 | 56 | 0 | 3002 |
| 2006-07 | 0 | 0 | 11 | 164 | 308 | 521 | 580 | 748 | 436 | 261 | 85 | 2 | 3116 |
| 2007-08 | 0 | 0 | 0 | 58 | 381 | 526 | 702 | 528 | 371 | 206 | 73 | 0 | 2845 |
| 2008-09 | 0 | 0 | 0 | 174 | 463 | 515 | 837 | 609 | 542 | 210 | 46 | 0 | 3396 |
| 2009-10 | 0 | 0 | 3 | 131 | 286 | 648 | 835 | 769 | 425 | 157 | 35 | 0 | 3289 |
| 2010-11 | 0 | 0 | 0 | 94 | 366 | 920 | 891 | 538 | 479 | 145 | 38 | 0 | 3471 |
| 2011-12 | 0 | 0 | 1 | 136 | 268 | 449 | 543 | 521 | 211 | 172 | 7 | 2 | 2310 |
| 2012-13 | 0 | 0 | 4 | 138 | 487 | 471 | 665 | 610 | 612 | 212 | 67 | 0 | 3266 |
| 2013- | 0 | 0 | 8 | 112 | 411 | 571 | | | | | | | |
| 2013-14 | 0 | 0 | 8 | 112 | 411 | 571 | 857 | 652 | 574 | 231 | 27 | 3 | 3446 |
| 2014-15 | 0 | 0 | 0 | 87 | 476 | 593 | 778 | 902 | 539 | 194 | 30 | 0 | 3599 |
| 2015- | 0 | 0 | 0 | 106 | 233 | 255 | | | | | | | |

WBAN : 13737

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

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1986 | 0 | 0 | 2 | 2 | 153 | 343 | 537 | 367 | 237 | 109 | 15 | 0 | 1765 |
| 1987 | 0 | 0 | 0 | 2 | 168 | 364 | 544 | 461 | 285 | 0 | 7 | 0 | 1831 |
| 1988 | 0 | 0 | 1 | 18 | 118 | 280 | 477 | 498 | 173 | 17 | 10 | 0 | 1592 |
| 1989 | 0 | 9 | 30 | 31 | 106 | 412 | 447 | 399 | 286 | 69 | 10 | 0 | 1799 |
| 1990 | 0 | 8 | 52 | 51 | 98 | 324 | 489 | 407 | 218 | 137 | 8 | 5 | 1797 |
| 1991 | 0 | 0 | 13 | 71 | 269 | 347 | 534 | 456 | 248 | 43 | 18 | 11 | 2010 |
| 1992 | 0 | 0 | 0 | 63 | 51 | 220 | 527 | 336 | 270 | 23 | 9 | 0 | 1499 |
| 1993 | 0 | 0 | 0 | 23 | 136 | 345 | 579 | 438 | 305 | 31 | 18 | 0 | 1875 |
| 1994 | 0 | 0 | 11 | 111 | 94 | 447 | 562 | 400 | 229 | 30 | 20 | 8 | 1912 |
| 1995 | 2 | 0 | 4 | 59 | 143 | 330 | 574 | 475 | 226 | 102 | 6 | 0 | 1921 |
| 1996 | 0 | 0 | 1 | 55 | 116 | 320 | 401 | 312 | 227 | 31 | 10 | 0 | 1473 |
| 1997 | 0 | 7 | 7 | 7 | 59 | 262 | 443 | 360 | 218 | 63 | 0 | 0 | 1426 |
| 1998 | 7 | 0 | 33 | 37 | 143 | 338 | 440 | 440 | 317 | 39 | 0 | 12 | 1806 |
| 1999 | 4 | 0 | 0 | 25 | 112 | 275 | 509 | 458 | 222 | 42 | 4 | 0 | 1651 |
| 2000 | 0 | 0 | 7 | 10 | 196 | 342 | 358 | 368 | 216 | 51 | 0 | 0 | 1548 |
| 2001 | 0 | 0 | 3 | 40 | 108 | 331 | 357 | 435 | 187 | 57 | 15 | 3 | 1536 |
| 2002 | 5 | 1 | 8 | 97 | 134 | 365 | 495 | 454 | 276 | 100 | 9 | 0 | 1944 |
| 2003 | 0 | 0 | 7 | 28 | 103 | 310 | 482 | 485 | 285 | 35 | 39 | 0 | 1774 |
| 2004 | 5 | 0 | 10 | 65 | 283 | 312 | 449 | 348 | 235 | 39 | 6 | 0 | 1752 |
| 2005 | 4 | 0 | 0 | 22 | 37 | 318 | 500 | 478 | 333 | 82 | 13 | 0 | 1787 |
| 2006 | 0 | 0 | 18 | 41 | 100 | 291 | 498 | 514 | 178 | 50 | 3 | 7 | 1700 |
| 2007 | 2 | 0 | 18 | 43 | 112 | 335 | 451 | 464 | 289 | 194 | 1 | 0 | 1909 |
| 2008 | 0 | 6 | 4 | 31 | 85 | 433 | 442 | 404 | 271 | 39 | 1 | 3 | 1719 |
| 2009 | 0 | 0 | 8 | 50 | 176 | 323 | 397 | 457 | 195 | 59 | 1 | 0 | 1666 |
| 2010 | 0 | 0 | 0 | 65 | 202 | 464 | 559 | 476 | 311 | 70 | 0 | 0 | 2147 |
| 2011 | 0 | 1 | 1 | 103 | 197 | 422 | 543 | 471 | 303 | 57 | 17 | 2 | 2117 |
| 2012 | 0 | 4 | 41 | 46 | 178 | 289 | 550 | 440 | 234 | 68 | 0 | 2 | 1852 |
| 2013 | 0 | 0 | 0 | 66 | 155 | 362 | 499 | 367 | 213 | 83 | 9 | 5 | 1759 |
| 2014 | 0 | 0 | 1 | 26 | 175 | 358 | 432 | 381 | 271 | 75 | 5 | 0 | 1724 |
| 2015 | 0 | 0 | 2 | 23 | 211 | 418 | 486 | 418 | 327 | 47 | 13 | 29 | 1974 |

SNOWFALL (inches) 2015 NORFOLK (KORF)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|----------------|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-----|-------|
| 1987-88 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | T | 4.4 | T | T | 0.0 | 0.0 | 0.0 | 4.7 |
| 1988-89 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | 24.4 | T | 0.5 | 0.0 | 0.0 | 24.9 |
| 1989-90 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | T | 0.0 | 0.0 | T | 0.5 |
| 1990-91 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.0 | T | T | 0.0 | 0.0 | 0.0 | T |
| 1991-92 | 0.0 | T | 0.0 | 0.0 | 0.0 | T | T | 0.0 | T | T | 0.0 | 0.0 | T |
| 1992-93 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 1.9 | 1.7 | 0.0 | 0.0 | 0.0 | 3.9 |
| 1993-94 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 7.4 | 1.2 | 0.3 | 0.0 | T | 0.0 | 12.8 |
| 1994-95 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.3 | T | 0.0 | 0.0 | 0.0 | 0.3 |
| 1995-96 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 6.2 | 11.0 | | | | | |
| 1996-97 | | | | | | | | | | | | | |
| 1997-98 | | | | | | | | | | | | | |
| 1998-99 | | | | | | | | T | | | | | |
| 1999-00 | | | | | | | 9.0 | | | | | | |
| 2000-01 | | | | | | | | | 0.3 | 0.0 | 0.0 | 0.0 | |
| 2001-02 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.2 | 0.2 | 0.0 | 0.0 | 0.0 | T | 7.4 |
| 2002-03 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 5.1 | T | T | 0.0 | 0.0 | 0.0 | 5.1 |
| 2003-04 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 4.0 | 2.2 | T | 0.0 | 0.0 | 0.0 | 6.2 |
| 2004-05 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.5 | 1.3 | 0.5 | 0.9 | 0.0 | 0.0 | 0.0 | 8.2 |
| 2005-06 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.7 | 0.1 | T | 0.0 | 0.0 | 0.0 | 0.8 |
| 2006-07 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | 0.0 | 0.1 | 0.0 | 0.0 | 0.1 |
| 2007-08 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 |
| 2008-09 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | 0.5 | T | 0.0 | 0.0 | 0.5 |
| 2009-10 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 6.5 | 1.7 | 0.9 | 0.0 | 0.0 | 0.0 | 9.3 |
| 2010-11 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.8 | 0.2 | 3.8 | T | 0.0 | T | 0.0 | 21.8 |
| 2011-12 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 |
| 2012-13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.6 | 0.2 | T | 0.0 | 0.0 | 0.0 | 1.8 |
| 2013- | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | | | | | | | |
| 2013-14 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 11.5 | 1.7 | 2.3 | 0.0 | 0.0 | 0.0 | 15.5 |
| 2014-15 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 11.5 | 0.2 | 0.0 | 0.0 | 0.0 | 12.7 |
| 2015- | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| POR= 68 YRS | 0.0 | T | 0.0 | 0.0 | 0.0 | 1.0 | 2.7 | 2.6 | 0.9 | T | T | T | 7.2 |

WBAN : 13737

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> |
|---|---|

2015 NORFOLK VIRGINIA (KORF)

The city of Norfolk, Virginia, is located near the coast and the southern border of the state. It is almost surrounded by water, with the Chesapeake Bay immediately to the north, Hampton Roads to the west, and the Atlantic Ocean only 18 miles to the east. It is traversed by numerous rivers and waterways and its average elevation above sea level is 13 feet. There are no nearby hilly areas and the land is low and level throughout the city. The climate is generally marine. The geographic location of the city with respect to the principal storm tracks, is especially favorable, being south of the average path of storms originating in the higher latitudes and north of the usual tracks of hurricanes and other tropical storms.

The winters are usually mild, while the autumn and spring seasons usually are delightful. Summers, though warm and long, frequently are tempered by cool periods, often associated with northeasterly winds off the Atlantic. Temperatures of 100 degrees or higher occur infrequently. Extreme cold waves seldom penetrate the area and temperatures of zero or below are almost nonexistent. Winters pass, on occasion, without a measurable amount of snowfall. Most of the snowfall in Norfolk is light and generally melts within 24 hours.

Based on the 1951-1980 period, the average first occurrence of 32 degrees Fahrenheit in the fall is November 17 and the average last occurrence in the spring is March 23.

Station History

NORFOLK, VA

| NAME | Begin Date | End Date | Latitude | Longitude | Elevation Feet | Relocation | Platform |
|----------------------|------------|------------|----------|-----------|----------------|------------|----------------------|
| NORFOLK MUNICIPAL AP | 1952-01-01 | 1952-03-05 | 36° 54' | -76° 12' | 24 | | AIRWAYS, COOP, USHCN |
| NORFOLK INTL AP | 1981-12-31 | 1996-03-01 | 36° 54' | -76° 12' | 24 | | COOP, USHCN |
| NORFOLK WSO AP | 1940-05-01 | 1941-01-01 | 36° 52' | -76° 12' | 25 | | AIRWAYS |
| NORFOLK INTL AP | 1976-11-01 | 1981-12-31 | 36° 54' | -76° 12' | 24 | | COOP, USHCN, WXSVC |
| NORFOLK WSO AP | 1941-01-01 | 1948-01-01 | 36° 52' | -76° 12' | 25 | | AIRWAYS, COOP, USHCN |
| NORFOLK REGIONAL AP | 1969-01-01 | 1976-11-01 | 36° 54' | -76° 12' | 24 | | COOP, USHCN, WXSVC |
| NORFOLK MUNICIPAL AP | 1938-07-08 | 1940-05-01 | 36° 52' | -76° 12' | 25 | | AIRWAYS |
| NORFOLK MUNICIPAL AP | 1952-03-05 | 1968-11-01 | 36° 54' | -76° 12' | 24 | .3 MI N | AIRWAYS, COOP, USHCN |
| NORFOLK REGIONAL AP | 1968-11-01 | 1969-01-01 | 36° 54' | -76° 12' | 24 | | AIRWAYS, COOP, USHCN |
| NORFOLK MUNICIPAL AP | 1950-05-01 | 1952-01-01 | 36° 52' | -76° 12' | 39 | 900 FT WNW | AIRWAYS, COOP, USHCN |
| NORFOLK INTL AP | 1996-03-01 | 2013-01-10 | 36° 54' | -76° 11' | 30 | | ASOS, COOP, USHCN |
| NORFOLK INTL AP | 2013-01-10 | Present | 36° 54' | -76° 11' | 30 | | ASOS, COOP, USHCN |
| NORFOLK MUNICIPAL AP | 1948-01-01 | 1950-05-01 | 36° 52' | -76° 12' | 39 | | AIRWAYS, COOP, USHCN |

Element History

| Element | Begin Date | End Date | Frequency | Time Of Observation | Equipment * | Equipment * Modifications | Equipment Exposure |
|---------|------------|------------|-----------|---------------------|-------------|---------------------------|--------------------|
| TEMP | 1959-08-01 | 1992-01-08 | DAILY | 2400 | | | |
| TEMP | 1992-01-08 | 1996-03-01 | DAILY | 2400 | HYGR | | |
| PRECIP | 2007-03-27 | 2013-01-10 | HOURLY | 2400 | TB | RCRD | |
| PRECIP | 2013-01-10 | Present | HOURLY | 2400 | AHTB | RCRD;HTD | |
| PRECIP | 1996-03-01 | 2007-03-27 | DAILY | 2400 | TB | RCRD | |
| PRECIP | 2013-01-10 | Present | DAILY | 2400 | PCPNX | | |
| TEMP | 1938-07-08 | 1959-08-01 | DAILY | 2400 | | | |
| PRECIP | 1959-08-01 | 1992-01-08 | DAILY | 2400 | TB | RCRD | |
| PRECIP | 1959-08-01 | 1992-01-08 | HOURLY | 2400 | TB | RCRD | |
| TEMP | 1996-03-01 | 2007-03-27 | DAILY | 2400 | HYGR | | |
| PRECIP | 1996-03-01 | 2007-03-27 | HOURLY | 2400 | TB | RCRD | |
| WIND | 2007-03-27 | 2013-01-10 | HOURLY | UNKN | ANEMSONIC | | |
| TEMP | 2007-03-27 | 2013-01-10 | DAILY | 2400 | HYGR | | |
| PRECIP | 1992-01-08 | 1996-03-01 | HOURLY | 2400 | TB | RCRD | |
| PRECIP | 2007-03-27 | 2013-01-10 | DAILY | 2400 | TB | RCRD | |
| PRECIP | 1938-07-08 | 1959-08-01 | DAILY | 2400 | TB | RCRD | |
| WIND | 1996-03-01 | 2007-03-27 | HOURLY | UNKN | ANEMCUP | | |
| PRECIP | 1992-01-08 | 1996-03-01 | DAILY | 2400 | TB | RCRD | |
| TEMP | 2013-01-10 | Present | DAILY | 2400 | ATEMP | | |
| WIND | 2013-01-10 | Present | HOURLY | UNKN | ANEMSONIC | | |

* 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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