

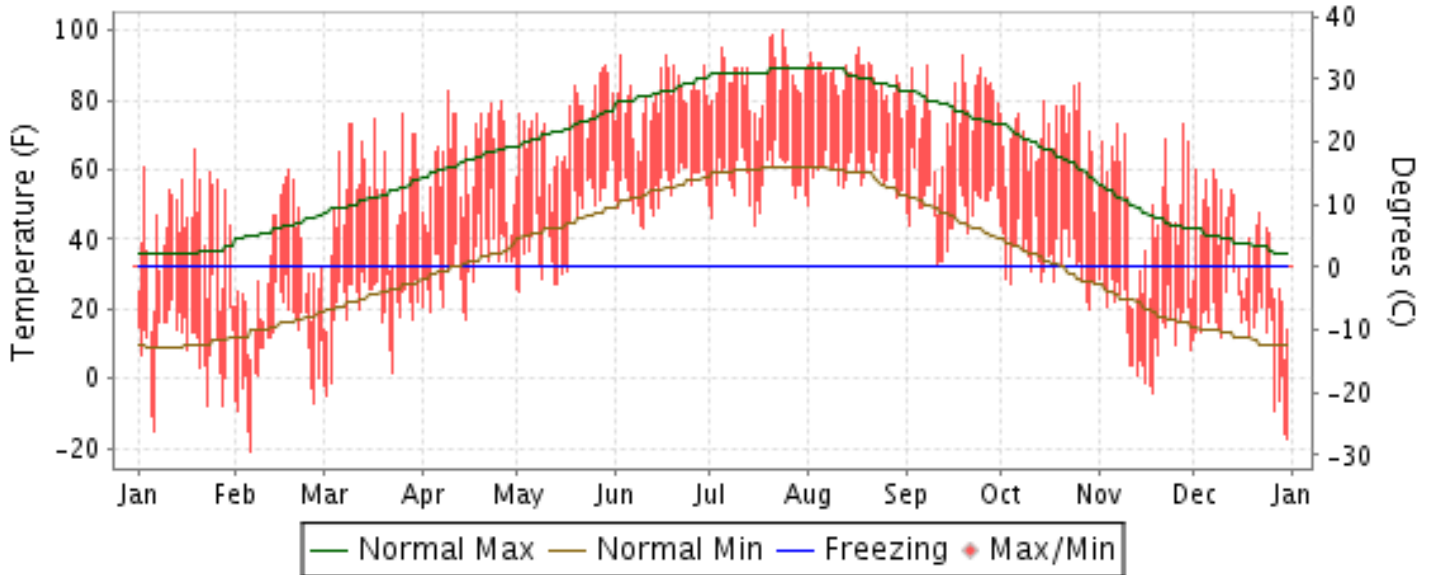


2014 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

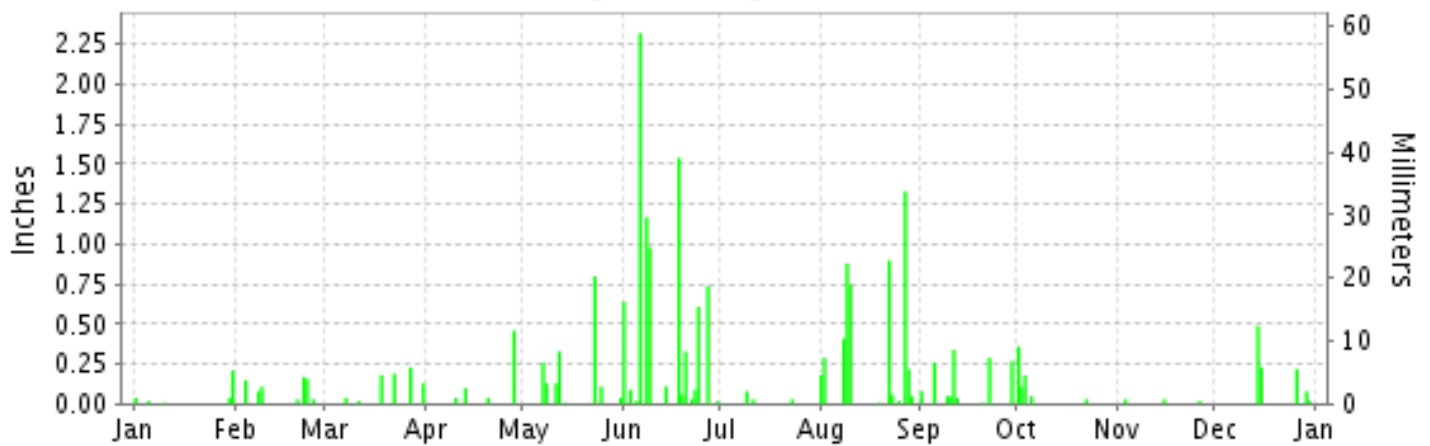
ISSN 0198-3156

NORTH PLATTE, NEBRASKA (KLBF)

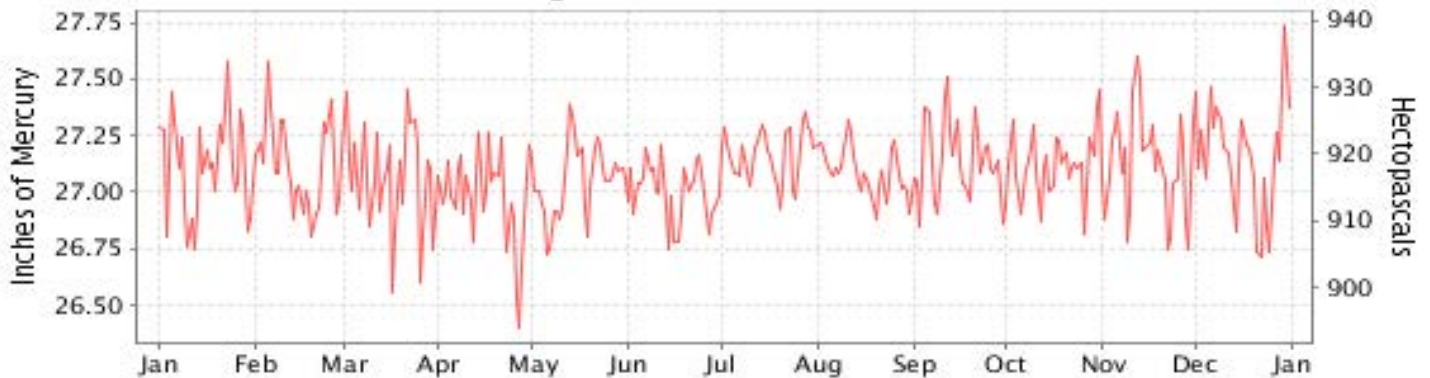
Daily Max/Min Temperature



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 2014

NORTH PLATTE (KLBF)

LATITUDE: 41° 7'N LONGITUDE: 100° 40'W ELEVATION (FT): GRND: 2778 BARO: 2781 TIME ZONE: CENTRAL (UTC -6) WBAN: 24023

| ELEMENT | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR | |
|----------------------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|---------|----|
| TEMPERATURE °F | MEAN DAILY MAXIMUM | 42.4 | 32.4 | 53.1 | 63.2 | 72.5 | 81.0 | 86.1 | 86.8 | 77.2 | 69.7 | 48.4 | 39.0 | 62.7 | |
| | HIGHEST DAILY MAXIMUM | 66 | 60 | 76 | 83 | 90 | 93 | 100 | 95 | 93 | 85 | 73 | 60 | 100 | |
| | DATE OF OCCURRENCE | 19 | 18 | 26 | 09 | 29 | 17+ | 24 | 17 | 19 | 26 | 28+ | 07+ | JUL 24 | |
| | MEAN DAILY MINIMUM | 10.0 | 8.2 | 20.1 | 32.8 | 43.0 | 54.6 | 57.6 | 59.2 | 49.0 | 34.6 | 15.1 | 15.1 | 33.3 | |
| | LOWEST DAILY MINIMUM | -15 | -21 | -5 | 17 | 25 | 43 | 44 | 50 | 33 | 20 | -4 | -17 | -21 | |
| | DATE OF OCCURRENCE | 06 | 06 | 02 | 15 | 02 | 10 | 15 | 01 | 11 | 29 | 18 | 31 | FEB 06 | |
| | AVERAGE DRY BULB | 26.2 | 20.3 | 36.6 | 48.0 | 57.8 | 67.8 | 71.8 | 73.0 | 63.1 | 52.2 | 31.8 | 27.0 | 48.0 | |
| | MEAN WET BULB | 22.0 | 18.0 | 29.9 | 40.3 | 51.1 | 60.8 | 63.2 | 64.6 | 55.8 | 44.3 | 26.0 | 23.6 | 41.6 | |
| | MEAN DEW POINT | 13.6 | 12.4 | 21.8 | 30.7 | 45.1 | 56.7 | 58.1 | 60.5 | 51.3 | 37.4 | 17.8 | 18.5 | 35.3 | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | MAXIMUM >= 90° | 0 | 0 | 0 | 0 | 1 | 4 | 8 | 12 | 2 | 0 | 0 | 0 | 0 | 27 |
| | MAXIMUM <= 32° | 8 | 17 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 12 | 48 | |
| | MINIMUM <= 32° | 31 | 28 | 31 | 12 | 8 | 0 | 0 | 0 | 0 | 12 | 29 | 29 | 180 | |
| MINIMUM <= 0° | 5 | 8 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 4 | 23 | | |
| H/C | HEATING DEGREE DAYS | 1196 | 1243 | 874 | 502 | 263 | 39 | 17 | 0 | 123 | 391 | 989 | 1167 | 6804 | |
| | COOLING DEGREE DAYS | 0 | 0 | 0 | 2 | 47 | 131 | 235 | 254 | 75 | 0 | 0 | 0 | 744 | |
| RH | MEAN (PERCENT) | 62 | 72 | 63 | 55 | 65 | 71 | 65 | 71 | 71 | 64 | 62 | 75 | 66 | |
| | HOUR 00 LST | 69 | 78 | 68 | 65 | 78 | 84 | 82 | 87 | 83 | 76 | 72 | 81 | 77 | |
| | HOUR 06 LST | 75 | 82 | 79 | 77 | 87 | 87 | 86 | 91 | 89 | 85 | 77 | 83 | 83 | |
| | HOUR 12 LST | 50 | 62 | 52 | 43 | 50 | 60 | 49 | 53 | 53 | 43 | 45 | 65 | 52 | |
| | HOUR 18 LST | 52 | 64 | 47 | 38 | 46 | 54 | 46 | 54 | 55 | 48 | 54 | 71 | 52 | |
| W/O | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | HEAVY FOG(VISBY <= 1/4 MI) | 0 | 1 | 2 | 1 | 3 | 2 | 0 | 3 | 6 | 2 | 1 | 5 | 26 | |
| | THUNDERSTORMS | 0 | 0 | 0 | 2 | 5 | 10 | 4 | 10 | 4 | 2 | 0 | 0 | 37 | |
| PR | MEAN STATION PRESS. (IN.) | 27.11 | 27.12 | 27.07 | 26.98 | 27.06 | 27.00 | 27.16 | 27.09 | 27.14 | 27.12 | 27.13 | 27.16 | 27.10 | |
| | MEAN SEA-LEVEL PRESS. (IN.) | 30.11 | 30.13 | 30.05 | 29.87 | 29.92 | 29.83 | 29.99 | 29.92 | 30.00 | 30.02 | 30.10 | 30.17 | 30.01 | |
| WINDS | RESULTANT SPEED (MPH) | 5.6 | 2.2 | 3.1 | 3.6 | 2.8 | 2.2 | 2.6 | 3.1 | 3.0 | 2.2 | 4.4 | 2.3 | 1.4 | |
| | RES. DIR. (TENS OF DEGS.) | 31 | 31 | 33 | 35 | 04 | 08 | 12 | 10 | 13 | 32 | 32 | 32 | 36 | |
| | MEAN SPEED (MPH) | 9.6 | 8.4 | 10.0 | 13.0 | 9.7 | 8.8 | 7.9 | 7.1 | 8.2 | 8.1 | 9.6 | 8.5 | 9.1 | |
| | PREVAIL.DIR.(TENS OF DEGS.) | 31 | 31 | 36 | 32 | 11 | 12 | 11 | 11 | 11 | 31 | 32 | 33 | 11 | |
| | MAXIMUM 2-MINUTE WIND | | | | | | | | | | | | | | |
| | SPEED (MPH) | 46 | 39 | 41 | 43 | 35 | 66 | 29 | 33 | 36 | 43 | 36 | 37 | 66 | |
| | DIR. (TENS OF DEGS.) | 32 | 31 | 30 | 33 | 36 | 29 | 29 | 30 | 21 | 31 | 31 | 34 | 29 | |
| | DATE OF OCCURRENCE | 16 | 20 | 31 | 28 | 19 | 06 | 24 | 08 | 29 | 05 | 05 | 15 | JUN 06 | |
| | MAXIMUM 3-SECOND WIND: | | | | | | | | | | | | | | |
| | SPEED (MPH) | 60 | 51 | 52 | 58 | 46 | 85 | 38 | 42 | 45 | 61 | 46 | 45 | 85 | |
| DIR. (TENS OF DEGS.) | 32 | 31 | 30 | 32 | 30 | 29 | 13 | 30 | 20 | 32 | 31 | 34 | 29 | | |
| DATE OF OCCURRENCE | 16 | 20 | 31 | 28 | 19 | 06 | 10 | 08 | 29 | 05 | 05 | 15 | JUN 06 | | |
| PRECIPITATION | WATER EQUIVALENT: | | | | | | | | | | | | | | |
| | TOTAL (IN.) | 0.32 | 0.73 | 0.79 | 0.64 | 1.81 | 8.75 | 0.14 | 5.10 | 1.39 | 0.73 | 0.08 | 1.04 | 21.52 | |
| | GREATEST 24-HOUR (IN.) | 0.25 | 0.31 | 0.23 | 0.46 | 0.80 | 2.32 | 0.08 | 1.63 | 0.37 | 0.45 | 0.03 | 0.68 | 2.32 | |
| | DATE OF OCCURRENCE | 30-31 | 22-23 | 27 | 28 | 23 | 06 | 09 | 09-10 | 11-12 | 01-02 | 15+ | 14-15 | JUN 06 | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| PRECIPITATION 0.01 | 5 | 7 | 6 | 4 | 8 | 15 | 3 | 12 | 9 | 5 | 3 | 5 | 82 | | |
| PRECIPITATION 0.10 | 1 | 4 | 4 | 2 | 6 | 9 | 0 | 8 | 4 | 3 | 0 | 3 | 44 | | |
| PRECIPITATION 1.00 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 4 | | |
| SNOWFALL | SNOW,ICE PELLETS,HAIL | | | | | | | | | | | | | | |
| | TOTAL (IN.) | 4.1 | 11.6 | 6.3 | 1.1 | T | T | 0.0 | 0.0 | T | 0.0 | 0.4 | 8.7 | 32.2 | |
| | GREATEST 24-HOUR (IN.) | 2.9 | 3.0 | 2.8 | 1.1 | T | T | 0.0 | 0.0 | T | 0.0 | 0.4 | 4.7 | 4.7 | |
| | DATE OF OCCURRENCE | 31 | 23 | 18 | 13 | 12+ | 30+ | | | 12+ | | 15 | 26 | DEC 26 | |
| | MAXIMUM SNOW DEPTH (IN.) | 2 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | T | 4 | 5 | |
| | DATE OF OCCURRENCE | 31 | 11+ | 23 | | | | | | | | 16 | 31+ | FEB 11+ | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| SNOWFALL >= 1.0 | 1 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 12 | | |

NORMALS, MEANS, AND EXTREMES NORTH PLATTE (KLBF)

LATITUDE: 41° 7'N **LONGITUDE:** 100° 40'W **ELEVATION (FT):** GRND: 2778 BARO: 2781 **TIME ZONE:** CENTRAL (UTC -6) **WBAN: 24023**

| ELEMENT | | POR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-----------------------|---|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| TEMPERATURE °F | NORMAL DAILY MAXIMUM | 30 | 38.9 | 43.0 | 52.5 | 62.2 | 71.7 | 81.8 | 88.2 | 86.1 | 77.8 | 64.5 | 50.2 | 39.1 | 63.0 |
| | MEAN DAILY MAXIMUM | 67 | 36.6 | 41.5 | 50.3 | 61.9 | 71.7 | 81.6 | 88.0 | 86.3 | 77.6 | 65.7 | 50.1 | 39.4 | 62.6 |
| | HIGHEST DAILY MAXIMUM | 63 | 73 | 79 | 86 | 98 | 99 | 107 | 112 | 108 | 103 | 94 | 83 | 75 | 112 |
| | YEAR OF OCCURRENCE | | 1990 | 1962 | 2012 | 1992 | 2006 | 2012 | 1954 | 2008 | 2013 | 1990 | 2006 | 1980 | JUL 1954 |
| | MEAN OF EXTREME MAXS. | 67 | 59.7 | 65.0 | 76.0 | 84.9 | 90.0 | 96.2 | 100.3 | 98.8 | 94.5 | 86.1 | 73.2 | 62.7 | 82.3 |
| | NORMAL DAILY MINIMUM | 30 | 11.1 | 15.0 | 23.5 | 33.0 | 44.1 | 54.0 | 60.4 | 58.2 | 46.8 | 33.6 | 21.0 | 11.6 | 34.4 |
| | MEAN DAILY MINIMUM | 67 | 9.8 | 14.7 | 22.8 | 33.6 | 44.8 | 54.8 | 60.8 | 58.6 | 47.1 | 34.0 | 21.0 | 12.7 | 34.6 |
| | LOWEST DAILY MINIMUM | 63 | -23 | -22 | -22 | 7 | 18 | 29 | 39 | 35 | 17 | 10 | -13 | -34 | -34 |
| | YEAR OF OCCURRENCE | | 2004 | 1981 | 2002 | 1975 | 2005 | 1969 | 1997 | 1976 | 1984 | 1993 | 1976 | 1989 | DEC 1989 |
| | MEAN OF EXTREME MINS. | 67 | -10.6 | -5.5 | 2.9 | 17.4 | 28.9 | 41.1 | 48.9 | 46.2 | 30.1 | 17.7 | 4.0 | -7.0 | 17.8 |
| | NORMAL DRY BULB | 30 | 25.0 | 29.0 | 38.0 | 47.6 | 57.9 | 67.9 | 74.3 | 72.1 | 62.3 | 49.1 | 35.6 | 25.4 | 48.7 |
| | MEAN DRY BULB | 67 | 23.2 | 28.2 | 36.5 | 47.8 | 58.2 | 68.4 | 74.4 | 72.5 | 62.4 | 49.8 | 35.6 | 26.0 | 48.6 |
| | MEAN WET BULB | 31 | 19.8 | 23.0 | 30.6 | 39.1 | 49.8 | 59.1 | 64.1 | 62.8 | 52.7 | 40.7 | 28.4 | 20.5 | 40.9 |
| | MEAN DEW POINT | 31 | 17.6 | 20.1 | 27.7 | 35.7 | 47.5 | 56.8 | 61.8 | 60.8 | 50.2 | 37.7 | 26.0 | 18.0 | 38.3 |
| | NORMAL NO. DAYS WITH: MAXIMUM >= 90 | 30 | 0.0 | 0.0 | 0.0 | 0.2 | 0.8 | 5.4 | 13.0 | 10.1 | 4.0 | 0.3 | 0.0 | 0.0 | 33.8 |
| | MAXIMUM <= 32 | 30 | 9.3 | 6.2 | 2.6 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 3.2 | 9.1 | 31.1 |
| MINIMUM <= 32 | 30 | 30.9 | 27.3 | 26.0 | 13.8 | 2.4 | 0.0 | 0.0 | 0.0 | 1.4 | 13.3 | 27.2 | 30.9 | 173.2 | |
| MINIMUM <= 0 | 30 | 5.0 | 2.9 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 | 3.8 | 13.1 | |
| H/C | NORMAL HEATING DEG. DAYS | 30 | 1240 | 1008 | 837 | 525 | 245 | 51 | 5 | 15 | 151 | 498 | 882 | 1229 | 6686 |
| | NORMAL COOLING DEG. DAYS | 30 | 0 | 0 | 0 | 3 | 25 | 138 | 293 | 236 | 70 | 3 | 0 | 0 | 768 |
| RH | NORMAL (PERCENT) | 30 | 71 | 69 | 66 | 62 | 66 | 65 | 64 | 67 | 64 | 63 | 68 | 71 | 66 |
| | HOURLY 00 LST | 30 | 77 | 78 | 75 | 72 | 76 | 76 | 75 | 78 | 74 | 74 | 77 | 78 | 76 |
| | HOURLY 06 LST | 30 | 80 | 81 | 82 | 81 | 85 | 85 | 84 | 86 | 84 | 82 | 82 | 80 | 83 |
| | HOURLY 12 LST | 30 | 62 | 58 | 53 | 48 | 52 | 52 | 51 | 53 | 48 | 47 | 55 | 60 | 53 |
| | HOURLY 18 LST | 30 | 64 | 56 | 49 | 44 | 50 | 48 | 47 | 49 | 46 | 48 | 59 | 63 | 52 |
| S | PERCENT POSSIBLE SUNSHINE | 52 | 63 | 63 | 63 | 64 | 65 | 71 | 77 | 75 | 72 | 70 | 61 | 61 | 67 |
| W/O | MEAN NO. DAYS WITH: HEAVY FOG(VISBY <= 1/4 MI) | 51 | 1.6 | 2.3 | 2.0 | 1.1 | 1.2 | 1.0 | 1.2 | 2.3 | 2.2 | 1.8 | 1.8 | 1.8 | 20.3 |
| | THUNDERSTORMS | 67 | 0.0 | 0.2 | 0.8 | 2.6 | 6.5 | 9.7 | 9.9 | 8.2 | 3.8 | 1.5 | 0.2 | 0.0 | 43.4 |
| CLOUDINESS | MEAN: SUNRISE-SUNSET (OKTAS) | 44 | 5.0 | 5.0 | 5.2 | 5.1 | 5.1 | 4.2 | 3.7 | 3.8 | 3.7 | 3.9 | 4.7 | 4.5 | 4.5 |
| | MIDNIGHT-MIDNIGHT (OKTAS) | 32 | 4.4 | 4.3 | 4.7 | 4.6 | 4.7 | 4.2 | 3.8 | 3.7 | 3.5 | 3.6 | 4.3 | 4.1 | 4.2 |
| | MEAN NO. DAYS WITH: CLEAR | 44 | 8.4 | 7.2 | 7.5 | 7.0 | 6.8 | 10.1 | 12.1 | 11.7 | 12.8 | 12.5 | 8.8 | 9.8 | 114.7 |
| | PARTLY CLOUDY | 44 | 8.7 | 7.5 | 7.7 | 9.0 | 10.0 | 10.7 | 12.0 | 11.4 | 8.4 | 8.4 | 8.0 | 7.8 | 109.6 |
| | CLOUDY | 44 | 13.9 | 13.6 | 15.8 | 14.0 | 14.3 | 9.2 | 6.9 | 8.0 | 8.8 | 10.1 | 13.2 | 13.4 | 141.2 |
| PR | MEAN STATION PRESSURE(IN) | 31 | 27.13 | 27.12 | 27.07 | 27.03 | 27.04 | 27.05 | 27.11 | 27.13 | 27.13 | 27.12 | 27.12 | 27.13 | 27.10 |
| | MEAN SEA-LEVEL PRES. (IN) | 31 | 30.12 | 30.10 | 30.01 | 29.93 | 29.90 | 29.88 | 29.93 | 29.95 | 29.99 | 30.03 | 30.07 | 30.12 | 30.00 |
| WINDS | MEAN SPEED (MPH) | 31 | 8.6 | 9.2 | 10.5 | 11.6 | 10.6 | 9.6 | 8.6 | 8.2 | 8.9 | 9.1 | 8.8 | 8.3 | 9.3 |
| | PREVAIL.DIR.(TENS OF DEGS) | 43 | 32 | 32 | 32 | 12 | 12 | 12 | 12 | 12 | 12 | 31 | 32 | 32 | 32 |
| | MAXIMUM 2-MINUTE: SPEED (MPH) | 18 | 46 | 52 | 47 | 51 | 64 | 66 | 55 | 56 | 46 | 49 | 48 | 45 | 66 |
| | DIR. (TENS OF DEGS) | | 32 | 36 | 31 | 04 | 28 | 29 | 26 | 31 | 29 | 31 | 33 | 36 | 29 |
| | YEAR OF OCCURRENCE | | 2014 | 1999 | 2000 | 2013 | 2004 | 2014 | 2003 | 1999 | 2004 | 2012 | 2005 | 2000 | JUN 2014 |
| | MAXIMUM 3-SECOND SPEED (MPH) | 18 | 60 | 62 | 56 | 64 | 77 | 85 | 70 | 75 | 59 | 62 | 62 | 55 | 85 |
| | DIR. (TENS OF DEGS) | | 32 | 36 | 31 | 04 | 28 | 29 | 24 | 30 | 24 | 32 | 33 | 31 | 29 |
| | YEAR OF OCCURRENCE | | 2014 | 1999 | 2000 | 2013 | 2004 | 2014 | 1999 | 1999 | 2007 | 2012 | 2005 | 2005 | JUN 2014 |
| PRECIPITATION | NORMAL (IN) | 30 | 0.34 | 0.50 | 1.05 | 2.27 | 3.28 | 3.42 | 3.07 | 2.29 | 1.41 | 1.55 | 0.64 | 0.41 | 20.23 |
| | MAXIMUM MONTHLY (IN) | 63 | 1.12 | 1.98 | 2.98 | 5.94 | 8.01 | 8.75 | 7.05 | 6.30 | 6.03 | 4.78 | 2.89 | 2.56 | 8.75 |
| | YEAR OF OCCURRENCE | | 1960 | 1978 | 1992 | 2001 | 1962 | 2014 | 1979 | 1992 | 1963 | 2008 | 1979 | 2006 | JUN 2014 |
| | MINIMUM MONTHLY (IN) | 62 | T | T | 0.05 | 0.10 | 0.74 | 0.33 | 0.14 | 0.06 | T | 0.05 | 0.02 | T | 0.02 |
| | YEAR OF OCCURRENCE | | 1964 | 1996 | 1994 | 1989 | 2012 | 1952 | 2014 | 1967 | 1953 | 1988 | 2007 | 1988 | NOV 2007 |
| | MAXIMUM IN 24 HOURS (IN) | 62 | 0.75 | 3.52 | 2.26 | 2.42 | 3.62 | 3.80 | 3.15 | 2.93 | 2.82 | 2.30 | 1.48 | 1.44 | 3.80 |
| | YEAR OF OCCURRENCE | | 1992 | 2008 | 1959 | 1971 | 2007 | 1965 | 1964 | 1957 | 2013 | 2008 | 1979 | 2006 | JUN 1965 |
| | NORMAL NO. DAYS WITH: PRECIPITATION >= 0.01 | 30 | 4.1 | 5.1 | 6.7 | 8.4 | 11.6 | 10.5 | 10.3 | 8.8 | 7.0 | 6.6 | 4.7 | 3.6 | 87.4 |
| | PRECIPITATION >= 1.00 | 30 | 0.0 | 0.0 | 0.0 | 0.4 | 0.7 | 0.6 | 0.8 | 0.5 | 0.2 | 0.3 | 0.0 | 0.0 | 3.5 |
| SNOWFALL | NORMAL (IN) | 30 | 4.8 | 5.3 | 4.4 | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 2.1 | 3.9 | 4.6 | 28.5 |
| | MAXIMUM MONTHLY (IN) | 63 | 17.1 | 20.6 | 21.9 | 14.5 | 3.6 | T | T | T | 3.1 | 30.3 | 17.5 | 16.3 | 30.3 |
| | YEAR OF OCCURRENCE | | 1976 | 1978 | 1980 | 1984 | 1967 | 2014 | 2010 | 2008 | 1985 | 2009 | 1979 | 2006 | OCT 2009 |
| | MAXIMUM IN 24 HOURS (IN) | 63 | 11.9 | 9.7 | 15.1 | 8.5 | 2.3 | T | T | T | 3.1 | 11.8 | 9.9 | 8.6 | 15.1 |
| | YEAR OF OCCURRENCE | | 1976 | 1955 | 1980 | 1984 | 1967 | 2014 | 2010 | 1992 | 1985 | 2009 | 2004 | 1968 | MAR 1980 |
| | MAXIMUM SNOW DEPTH (IN) | 66 | 18 | 13 | 18 | 9 | 1 | 0 | 0 | 0 | 3 | 12 | 13 | 10 | 18 |
| | YEAR OF OCCURRENCE | | 1949 | 1993 | 1980 | 1949 | 1967 | | | | 1985 | 2009 | 1979 | 2006 | MAR 1980 |
| | NORMAL NO. DAYS WITH: SNOWFALL >= 1.0 | 30 | 1.4 | 1.8 | 1.4 | 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.6 | 1.2 | 1.3 | 8.7 |

PRECIPITATION (inches) 2014 NORTH PLATTE (KLBF)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1985 | 0.55 | 0.14 | 0.44 | 1.84 | 4.01 | 0.87 | 3.98 | 1.16 | 3.23 | 1.24 | 1.09 | 0.79 | 19.34 |
| 1986 | 0.02 | 1.10 | 0.70 | 3.77 | 2.80 | 1.70 | 2.57 | 1.22 | 1.02 | 1.58 | 0.19 | 0.27 | 16.94 |
| 1987 | 0.16 | 1.55 | 1.65 | 1.01 | 3.19 | 3.95 | 2.81 | 1.19 | 1.16 | 1.67 | 1.26 | 0.81 | 20.41 |
| 1988 | 0.72 | 0.03 | 0.37 | 2.02 | 3.59 | 3.12 | 3.03 | 3.93 | 1.59 | 0.05 | 0.40 | T | 18.85 |
| 1989 | 0.55 | 0.73 | 0.38 | 0.10 | 3.02 | 3.51 | 1.86 | 2.37 | 1.11 | 0.08 | 0.02 | 0.28 | 14.01 |
| 1990 | 0.27 | 0.18 | 1.75 | 1.52 | 3.65 | 1.90 | 1.99 | 1.79 | 0.31 | 1.48 | 0.87 | 0.09 | 15.80 |
| 1991 | 0.35 | 0.21 | 1.00 | 3.00 | 5.39 | 2.78 | 1.81 | 0.53 | 1.75 | 2.14 | 0.92 | 0.67 | 20.55 |
| 1992 | 0.89 | 1.42 | 2.98 | 0.18 | 3.18 | 2.61 | 3.75 | 6.30 | 0.25 | 0.92 | 0.20 | 0.33 | 23.01 |
| 1993 | 0.74 | 1.37 | 0.61 | 1.80 | 2.47 | 6.12 | 5.47 | 3.78 | 0.71 | 1.59 | 1.32 | 0.22 | 26.20 |
| 1994 | 0.53 | 0.29 | 0.05 | 1.47 | 1.16 | 4.92 | 4.52 | 1.24 | 0.60 | 2.63 | 0.78 | 0.66 | 18.85 |
| 1995 | 0.12 | 0.09 | 1.21 | 3.09 | 4.51 | 2.59 | 2.01 | 0.73 | 1.98 | 0.87 | 0.08 | 0.02 | 17.30 |
| 1996 | 0.50 | T | 0.33 | 0.84 | 4.12 | 3.87 | 5.57 | 3.25 | 5.55 | .33 | .40 | .03 | 24.79 |
| 1997 | T | 0.73 | 0.07 | 1.00 | 1.87 | 2.58 | 3.19 | 3.40 | 1.76 | 2.77 | 0.04 | 0.20 | 17.61 |
| 1998 | 0.27 | 0.40 | 1.30 | 0.67 | 2.93 | 4.84 | 5.81 | 1.85 | 1.13 | 1.92 | 1.31 | 0.01 | 22.44 |
| 1999 | 0.34 | 0.26 | 0.64 | 2.83 | 1.92 | 5.32 | 0.93 | 5.49 | 1.20 | 0.22 | 0.14 | 0.05 | 19.34 |
| 2000 | 0.31 | 0.46 | 1.22 | 1.65 | 1.21 | 1.53 | 2.86 | 2.05 | 1.22 | 3.24 | 0.53 | 0.04 | 16.32 |
| 2001 | 0.48 | 0.40 | 0.60 | 5.94 | 2.19 | 1.71 | 2.52 | 5.26 | 2.76 | 0.80 | 0.96 | 0.07 | 23.69 |
| 2002 | 0.08 | 0.01 | 0.68 | 1.17 | 1.56 | 2.20 | 0.45 | 1.29 | 1.14 | 2.38 | 0.10 | T | 11.06 |
| 2003 | 0.35 | 0.49 | 1.28 | 3.84 | 2.02 | 5.45 | 1.90 | 0.59 | 1.08 | 0.49 | 0.73 | 0.03 | 18.25 |
| 2004 | 0.26 | 0.77 | 0.16 | 1.90 | 1.77 | 5.06 | 4.97 | 1.25 | 1.98 | 0.96 | 1.30 | 0.06 | 20.44 |
| 2005 | 0.41 | 0.17 | 1.76 | 2.33 | 3.04 | 5.07 | 1.26 | 2.78 | 0.17 | 0.78 | 0.46 | 0.22 | 18.45 |
| 2006 | 0.21 | 0.13 | 0.73 | 1.40 | 0.83 | 5.03 | 3.27 | 1.95 | 2.73 | 0.86 | 0.07 | 2.56 | 19.77 |
| 2007 | 0.61 | 0.81 | 1.56 | 4.12 | 6.49 | 2.52 | 2.71 | 0.76 | 1.94 | 1.17 | 0.02 | 0.84 | 23.55 |
| 2008 | 0.03 | 0.10 | 0.90 | 3.67 | 7.45 | 2.79 | 2.23 | 2.75 | 1.34 | 4.78 | 0.34 | 0.24 | 26.62 |
| 2009 | 0.33 | 0.96 | 0.32 | 2.84 | 2.80 | 3.06 | 5.01 | 2.34 | 1.17 | 4.29 | 0.08 | 0.67 | 23.87 |
| 2010 | 0.15 | 0.84 | 2.26 | 2.97 | 2.28 | 4.99 | 3.98 | 2.35 | 1.26 | 1.05 | 0.62 | 0.44 | 23.19 |
| 2011 | 1.05 | 0.68 | 0.90 | 2.18 | 5.69 | 4.17 | 3.45 | 1.99 | 0.98 | 2.17 | 0.12 | 0.32 | 23.70 |
| 2012 | 0.12 | 1.23 | 0.82 | 3.68 | 0.74 | 0.87 | 0.69 | 1.09 | 0.10 | 0.28 | 0.05 | 0.37 | 10.04 |
| 2013 | 0.24 | 1.04 | 0.49 | 1.27 | 3.12 | 1.95 | 2.74 | 3.51 | 5.08 | 1.66 | 0.51 | 0.16 | 21.77 |
| 2014 | 0.32 | 0.73 | 0.79 | 0.64 | 1.81 | 8.75 | 0.14 | 5.10 | 1.39 | 0.73 | 0.08 | 1.04 | 21.52 |
| POR= 67 YRS | 0.40 | 0.54 | 1.10 | 2.00 | 3.30 | 3.54 | 2.99 | 2.22 | 1.56 | 1.20 | 0.58 | 0.43 | 19.86 |

WBAN : 24023

AVERAGE TEMPERATURE (°F) 2014 NORTH PLATTE (KLBF)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1985 | 18.3 | 23.1 | 40.5 | 52.2 | 60.8 | 65.4 | 75.3 | 70.1 | 59.8 | 48.6 | 24.6 | 19.2 | 46.5 |
| 1986 | 31.6 | 27.0 | 44.3 | 48.9 | 58.0 | 71.4 | 75.6 | 71.3 | 63.0 | 50.4 | 35.5 | 30.2 | 50.6 |
| 1987 | 29.5 | 35.8 | 36.7 | 51.3 | 63.1 | 70.2 | 75.7 | 70.3 | 61.3 | 47.0 | 38.2 | 27.7 | 50.6 |
| 1988 | 16.4 | 26.5 | 37.8 | 48.5 | 60.7 | 74.6 | 74.5 | 73.4 | 62.0 | 48.7 | 38.0 | 30.3 | 49.3 |
| 1989 | 30.2 | 17.8 | 35.7 | 51.1 | 59.0 | 65.8 | 74.3 | 71.7 | 61.0 | 50.7 | 37.6 | 20.6 | 48.0 |
| 1990 | 30.6 | 30.9 | 40.0 | 48.5 | 56.7 | 71.1 | 73.7 | 74.0 | 67.6 | 50.2 | 38.1 | 21.9 | 50.3 |
| 1991 | 23.1 | 37.5 | 40.5 | 49.3 | 61.8 | 71.0 | 74.9 | 73.7 | 63.6 | 48.4 | 32.2 | 33.4 | 50.8 |
| 1992 | 32.1 | 37.3 | 41.8 | 50.6 | 58.7 | 65.7 | 68.5 | 66.5 | 63.0 | 49.9 | 32.4 | 22.5 | 49.1 |
| 1993 | 18.5 | 18.0 | 37.0 | 45.5 | 58.7 | 65.3 | 71.5 | 70.3 | 58.3 | 48.5 | 32.7 | 30.4 | 46.2 |
| 1994 | 24.0 | 23.7 | 41.5 | 47.8 | 62.6 | 71.7 | 70.5 | 72.6 | 65.4 | 52.0 | 37.4 | 29.1 | 49.9 |
| 1995 | 26.8 | 34.0 | 37.8 | 43.8 | 52.6 | 66.7 | 73.8 | 79.3 | 62.6 | 48.2 | 38.6 | 28.8 | 49.4 |
| 1996 | 20.9 | 30.1 | 31.3 | 47.3 | 56.6 | 68.5 | 71.2 | 70.0 | 59.1 | 48.6 | 30.7 | 25.0 | 46.6 |
| 1997 | 23.3 | 29.1 | 39.5 | 42.3 | 55.1 | 69.5 | 73.9 | 70.9 | 64.2 | 51.1 | 33.9 | 28.2 | 48.4 |
| 1998 | 26.0 | 34.7 | 32.6 | 46.3 | 59.6 | 64.1 | 75.3 | 72.4 | 68.5 | 49.7 | 39.3 | 27.7 | 49.7 |
| 1999 | 27.6 | 36.7 | 38.5 | 45.3 | 57.1 | 66.9 | 75.6 | 70.7 | 58.2 | 50.0 | 41.8 | 30.7 | 49.9 |
| 2000 | 27.3 | 33.9 | 40.9 | 48.0 | 60.7 | 67.9 | 76.5 | 77.5 | 63.6 | 51.1 | 24.6 | 21.6 | 49.5 |
| 2001 | 27.7 | 23.4 | 36.9 | 49.1 | 57.0 | 67.5 | 77.5 | 71.1 | 61.7 | 48.4 | 38.9 | 27.4 | 48.9 |
| 2002 | 26.9 | 30.5 | 29.2 | 48.0 | 56.0 | 74.8 | 79.1 | 73.5 | 63.4 | 42.8 | 37.0 | 30.2 | 49.3 |
| 2003 | 27.9 | 25.8 | 40.4 | 49.5 | 57.9 | 66.1 | 77.4 | 75.6 | 60.9 | 53.8 | 34.8 | 29.9 | 50.0 |
| 2004 | 23.9 | 27.1 | 42.1 | 48.8 | 61.7 | 64.9 | 71.9 | 67.8 | 66.2 | 51.9 | 37.7 | 30.5 | 49.5 |
| 2005 | 23.8 | 34.2 | 38.7 | 47.7 | 57.1 | 70.9 | 77.2 | 72.8 | 67.9 | 50.9 | 39.5 | 25.5 | 50.5 |
| 2006 | 37.0 | 28.1 | 36.7 | 52.8 | 61.3 | 72.4 | 77.8 | 72.3 | 57.7 | 46.4 | 35.6 | 27.9 | 50.5 |
| 2007 | 17.2 | 23.1 | 46.2 | 46.1 | 60.4 | 68.5 | 75.8 | 76.1 | 65.7 | 52.4 | 38.4 | 21.1 | 49.3 |
| 2008 | 23.2 | 29.5 | 37.0 | 45.0 | 55.5 | 65.9 | 75.9 | 71.5 | 62.2 | 49.1 | 38.0 | 21.8 | 47.9 |
| 2009 | 27.4 | 31.1 | 37.3 | 46.7 | 58.5 | 66.5 | 70.8 | 69.0 | 60.7 | 40.9 | 40.0 | 17.7 | 47.2 |
| 2010 | 25.2 | 24.8 | 40.0 | 49.9 | 54.9 | 69.5 | 74.9 | 74.2 | 62.6 | 52.1 | 34.8 | 27.0 | 49.2 |
| 2011 | 20.4 | 25.1 | 37.3 | 46.9 | 55.1 | 68.3 | 78.2 | 74.7 | 60.1 | 52.1 | 37.1 | 27.7 | 48.6 |
| 2012 | 29.6 | 28.3 | 49.8 | 52.3 | 61.9 | 75.3 | 80.4 | 73.4 | 63.2 | 46.6 | 38.6 | 25.2 | 52.1 |
| 2013 | 24.8 | 28.9 | 36.6 | 43.0 | 58.8 | 69.2 | 74.1 | 74.8 | 67.8 | 47.6 | 35.7 | 23.8 | 48.8 |
| 2014 | 26.2 | 20.3 | 36.6 | 48.0 | 57.8 | 67.8 | 71.8 | 73.0 | 63.1 | 52.2 | 31.8 | 27.0 | 48.0 |
| POR= 67 YRS | 23.2 | 28.2 | 36.5 | 47.8 | 58.2 | 68.4 | 74.4 | 72.5 | 62.4 | 49.8 | 35.6 | 26.0 | 48.6 |

HEATING DEGREE DAYS (base 65°F) 2014 NORTH PLATTE (KLBF)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|---------|-----|-----|-----|-----|------|------|------|------|------|-----|-----|-----|-------|
| 1985-86 | 0 | 23 | 252 | 502 | 1205 | 1416 | 1029 | 1060 | 634 | 479 | 219 | 2 | 6821 |
| 1986-87 | 0 | 14 | 98 | 446 | 878 | 1074 | 1093 | 810 | 868 | 420 | 102 | 15 | 5818 |
| 1987-88 | 13 | 36 | 139 | 551 | 796 | 1152 | 1501 | 1109 | 839 | 490 | 170 | 3 | 6799 |
| 1988-89 | 0 | 13 | 128 | 498 | 803 | 1067 | 1072 | 1316 | 902 | 430 | 211 | 67 | 6507 |
| 1989-90 | 2 | 7 | 180 | 437 | 815 | 1374 | 1061 | 948 | 771 | 502 | 259 | 15 | 6371 |
| 1990-91 | 15 | 1 | 84 | 457 | 797 | 1331 | 1290 | 762 | 754 | 466 | 149 | 5 | 6111 |
| 1991-92 | 3 | 1 | 148 | 508 | 977 | 971 | 1010 | 797 | 714 | 436 | 219 | 45 | 5829 |
| 1992-93 | 18 | 60 | 113 | 466 | 970 | 1310 | 1436 | 1311 | 862 | 578 | 204 | 73 | 7401 |
| 1993-94 | 2 | 24 | 218 | 513 | 965 | 1066 | 1263 | 1151 | 724 | 517 | 131 | 5 | 6579 |
| 1994-95 | 3 | 8 | 90 | 395 | 820 | 1106 | 1180 | 863 | 840 | 631 | 377 | 67 | 6380 |
| 1995-96 | 17 | 2 | 167 | 517 | 786 | 1116 | 1359 | 1004 | 1037 | 527 | 283 | 40 | 6855 |
| 1996-97 | 3 | 1 | 214 | 503 | 1021 | 1233 | 1284 | 1001 | 782 | 673 | 306 | 14 | 7035 |
| 1997-98 | 10 | 17 | 113 | 452 | 926 | 1133 | 1202 | 841 | 998 | 551 | 195 | 114 | 6552 |
| 1998-99 | 2 | 0 | 39 | 467 | 764 | 1149 | 1151 | 785 | 815 | 586 | 248 | 54 | 6060 |
| 1999-00 | 8 | 9 | 227 | 458 | 690 | 1057 | 1164 | 894 | 738 | 503 | 169 | 49 | 5966 |
| 2000-01 | | 0 | 142 | 424 | 1204 | 1337 | 1152 | 1156 | 868 | 473 | 255 | 87 | |
| 2001-02 | 0 | 5 | 146 | 511 | 773 | 1160 | 1173 | 957 | 1104 | 506 | 299 | 11 | 6645 |
| 2002-03 | 0 | 8 | 138 | 680 | 831 | 1074 | 1142 | 1091 | 758 | 462 | 236 | 56 | 6476 |
| 2003-04 | 0 | 7 | 168 | 352 | 897 | 1079 | 1267 | 1091 | 705 | 477 | 153 | 101 | 6297 |
| 2004-05 | 11 | 46 | 87 | 402 | 812 | 1062 | 1269 | 856 | 807 | 513 | 266 | 28 | 6159 |
| 2005-06 | 6 | 3 | 72 | 438 | 757 | 1218 | 858 | 1026 | 868 | 363 | 187 | 3 | 5799 |
| 2006-07 | 0 | 10 | 232 | 586 | 875 | 1143 | 1475 | 1166 | 575 | 564 | 165 | 32 | 6823 |
| 2007-08 | 0 | 2 | 102 | 407 | 792 | 1355 | 1287 | 1021 | 863 | 596 | 294 | 35 | 6754 |
| 2008-09 | 0 | 0 | 126 | 488 | 805 | 1329 | 1158 | 945 | 853 | 544 | 233 | 69 | 6550 |
| 2009-10 | 8 | 22 | 154 | 741 | 742 | 1458 | 1226 | 1119 | 770 | 445 | 348 | 12 | 7045 |
| 2010-11 | 0 | 1 | 111 | 392 | 897 | 1172 | 1376 | 1113 | 854 | 541 | 312 | 25 | 6794 |
| 2011-12 | 0 | 0 | 175 | 410 | 831 | 1150 | 1090 | 1059 | 469 | 382 | 155 | 6 | 5727 |
| 2012-13 | 0 | 11 | 124 | 566 | 786 | 1228 | 1240 | 1005 | 873 | 653 | 230 | 47 | 6763 |
| 2013-14 | 13 | 0 | 70 | 531 | 871 | 1267 | 1196 | 1243 | 874 | 502 | 263 | 39 | 6869 |
| 2014- | 17 | 0 | 123 | 391 | 989 | 1167 | | | | | | | |

WBAN : 24023

COOLING DEGREE DAYS (base 65°F) 2014 NORTH PLATTE (KLBF)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1985 | 0 | 0 | 0 | 14 | 32 | 100 | 326 | 189 | 100 | 0 | 0 | 0 | 761 |
| 1986 | 0 | 0 | 0 | 3 | 11 | 201 | 334 | 217 | 43 | 0 | 0 | 0 | 809 |
| 1987 | 0 | 0 | 0 | 16 | 48 | 176 | 352 | 208 | 35 | 0 | 0 | 0 | 835 |
| 1988 | 0 | 0 | 0 | 1 | 41 | 293 | 301 | 282 | 46 | 0 | 0 | 0 | 964 |
| 1989 | 0 | 0 | 0 | 21 | 35 | 99 | 295 | 220 | 67 | 2 | 0 | 0 | 739 |
| 1990 | 0 | 0 | 0 | 15 | 10 | 205 | 291 | 289 | 165 | 5 | 0 | 0 | 980 |
| 1991 | 0 | 0 | 0 | 3 | 59 | 194 | 317 | 276 | 112 | 2 | 0 | 0 | 963 |
| 1992 | 0 | 0 | 0 | 13 | 31 | 68 | 135 | 116 | 60 | 1 | 0 | 0 | 424 |
| 1993 | 0 | 0 | 0 | 0 | 15 | 88 | 212 | 194 | 24 | 6 | 0 | 0 | 539 |
| 1994 | 0 | 0 | 0 | 10 | 63 | 213 | 183 | 251 | 111 | 0 | 0 | 0 | 831 |
| 1995 | 0 | 0 | 0 | 0 | 0 | 125 | 298 | 449 | 103 | 4 | 0 | 0 | 979 |
| 1996 | 0 | 0 | 0 | 0 | 33 | 149 | 204 | 165 | 44 | 3 | 0 | 0 | 598 |
| 1997 | 0 | 0 | 0 | 0 | 5 | 156 | 295 | 206 | 96 | 29 | 0 | 0 | 787 |
| 1998 | 0 | 0 | 0 | 0 | 37 | 94 | 326 | 237 | 150 | 0 | 0 | 0 | 844 |
| 1999 | 0 | 0 | 0 | 0 | 9 | 119 | 343 | 192 | 28 | 0 | 0 | 0 | 691 |
| 2000 | 0 | 0 | 0 | 0 | 42 | 140 | 362 | 393 | 107 | 0 | 0 | 0 | 1044 |
| 2001 | 0 | 0 | 0 | 4 | 13 | 168 | 394 | 201 | 52 | 3 | 0 | 0 | 835 |
| 2002 | 0 | 0 | 0 | 2 | 27 | 312 | 446 | 277 | 96 | 0 | 0 | 0 | 1160 |
| 2003 | 0 | 0 | 0 | 5 | 24 | 98 | 393 | 341 | 50 | 12 | 0 | 0 | 923 |
| 2004 | 0 | 0 | 0 | 0 | 57 | 104 | 231 | 141 | 129 | 1 | 0 | 0 | 663 |
| 2005 | 0 | 0 | 0 | 0 | 29 | 196 | 394 | 252 | 164 | 9 | 0 | 0 | 1044 |
| 2006 | 0 | 0 | 0 | 3 | 77 | 232 | 403 | 241 | 21 | 17 | 0 | 0 | 994 |
| 2007 | 0 | 0 | 0 | 6 | 30 | 142 | 344 | 351 | 128 | 23 | 0 | 0 | 1024 |
| 2008 | 0 | 0 | 0 | 0 | 7 | 72 | 346 | 207 | 49 | 2 | 0 | 0 | 683 |
| 2009 | 0 | 0 | 0 | 2 | 39 | 120 | 194 | 151 | 28 | 0 | 0 | 0 | 534 |
| 2010 | 0 | 0 | 0 | 0 | 43 | 155 | 314 | 295 | 46 | 1 | 0 | 0 | 854 |
| 2011 | 0 | 0 | 0 | 3 | 10 | 130 | 416 | 308 | 37 | 17 | 0 | 0 | 921 |
| 2012 | 0 | 0 | 7 | 6 | 66 | 322 | 485 | 279 | 78 | 2 | 0 | 0 | 1245 |
| 2013 | 0 | 0 | 0 | 1 | 47 | 179 | 302 | 308 | 161 | 0 | 0 | 0 | 998 |
| 2014 | 0 | 0 | 0 | 2 | 47 | 131 | 235 | 254 | 75 | 0 | 0 | 0 | 744 |

SNOWFALL (inches) 2014 NORTH PLATTE (KLBF)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|----------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|-------|
| 1985-86 | 0.0 | 0.0 | 3.1 | T | 13.0 | 8.1 | 0.2 | 8.7 | 3.8 | T | 0.0 | 0.0 | 36.9 |
| 1986-87 | 0.0 | 0.0 | 0.0 | 2.0 | 1.0 | 2.6 | 1.6 | 9.2 | 7.2 | 0.1 | 0.0 | 0.0 | 23.7 |
| 1987-88 | 0.0 | 0.0 | 0.0 | 1.3 | 8.2 | 7.2 | 12.6 | 0.6 | 3.8 | 2.1 | 0.0 | 0.0 | 35.8 |
| 1988-89 | 0.0 | 0.0 | 0.0 | T | 2.5 | T | 6.1 | 10.6 | 4.3 | 0.3 | T | 0.0 | 23.8 |
| 1989-90 | T | 0.0 | T | T | T | 2.2 | 5.9 | 1.9 | 5.3 | 0.3 | T | T | 15.6 |
| 1990-91 | 0.0 | 0.0 | 0.0 | 2.0 | 9.7 | 0.8 | 4.1 | 1.1 | 5.6 | T | T | 0.0 | 23.3 |
| 1991-92 | 0.0 | 0.0 | 0.0 | 7.3 | 1.6 | 1.8 | 5.4 | 1.2 | 5.1 | 0.3 | T | 0.0 | 22.7 |
| 1992-93 | T | T | 0.0 | T | 2.2 | 3.9 | 10.1 | 17.2 | 2.7 | 2.0 | T | T | 38.1 |
| 1993-94 | T | 0.0 | T | T | 3.9 | 3.3 | 10.6 | 6.0 | 0.4 | 11.5 | T | T | 35.7 |
| 1994-95 | T | 0.0 | 0.0 | 0.0 | 4.6 | 9.0 | 0.1 | 2.7 | 7.4 | 9.6 | 0.0 | T | 33.4 |
| 1995-96 | T | 0.0 | 0.7 | 4.1 | 0.8 | 0.5 | 4.9 | T | 3.4 | 4.0 | 0.0 | 0.0 | 18.4 |
| 1996-97 | T | | 0.0 | T | 5.2 | 1.0 | 0.9 | 12.1 | 0.5 | 4.4 | 0.0 | 0.0 | |
| 1997-98 | 0.0 | T | 0.0 | 5.7 | 1.6 | 3.2 | 4.4 | 4.2 | 8.8 | 0.0 | T | T | 27.9 |
| 1998-99 | T | 0.0 | 0.0 | T | 5.7 | 0.7 | 4.5 | 5.2 | 2.7 | 1.2 | 0.0 | T | 20.0 |
| 1999-00 | T | T | 0.0 | 0.0 | 1.4 | 1.1 | 8.1 | 3.6 | 0.8 | T | T | T | 15.0 |
| 2000-01 | T | T | 2.8 | 0.0 | 10.6 | 1.0 | 7.4 | 5.3 | 4.2 | 6.3 | T | T | 37.6 |
| 2001-02 | T | T | 0.0 | 0.0 | 1.6 | 3.4 | 2.0 | 0.2 | 10.5 | T | T | T | 17.7 |
| 2002-03 | 0.0 | 0.0 | 0.0 | 8.2 | 1.0 | T | 4.1 | 8.9 | 1.0 | 7.6 | 0.0 | 0.0 | 30.8 |
| 2003-04 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 0.7 | 5.3 | 5.2 | 0.7 | 1.5 | 0.0 | 0.0 | 14.6 |
| 2004-05 | 0.0 | T | 0.0 | 0.0 | 9.9 | 0.6 | 5.7 | 1.8 | 5.1 | 0.4 | T | 0.0 | 23.5 |
| 2005-06 | T | 0.0 | 0.0 | 0.0 | 3.9 | 3.5 | T | 2.7 | 9.7 | 0.1 | 0.0 | T | 19.9 |
| 2006-07 | T | 0.0 | 0.0 | 0.8 | 2.0 | 16.3 | 10.2 | 7.8 | T | 4.9 | T | 0.0 | 42.0 |
| 2007-08 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 9.9 | 1.3 | 1.7 | 8.3 | 9.6 | 0.6 | T | 32.0 |
| 2008-09 | T | T | 0.0 | 1.1 | 2.0 | 3.8 | 5.3 | 9.1 | 3.2 | 7.5 | 0.0 | T | 32.0 |
| 2009-10 | T | 0.0 | 0.0 | 30.3 | T | 12.3 | 1.5 | 12.3 | 3.8 | 0.7 | 0.0 | T | 60.9 |
| 2010-11 | T | 0.0 | 0.0 | 0.0 | 0.5 | 7.6 | 14.7 | 7.2 | 7.6 | 5.0 | T | 0.0 | 42.6 |
| 2011-12 | 0.0 | 0.0 | 0.0 | 0.0 | 1.5 | 3.0 | 2.2 | 8.9 | T | T | 0.0 | 0.0 | 15.6 |
| 2012-13 | 0.0 | 0.0 | 0.0 | 2.2 | 0.5 | 5.2 | 1.0 | 11.0 | 2.7 | 6.7 | 0.9 | T | 30.2 |
| 2013-14 | 0.0 | 0.0 | 0.0 | 0.0 | 3.1 | 3.6 | 4.1 | 11.6 | 6.3 | 1.1 | T | T | 29.8 |
| 2014- | 0.0 | 0.0 | T | 0.0 | 0.4 | 8.7 | | | | | | | |
| POR= 67 YRS | T | T | 0.1 | 1.7 | 3.5 | 4.7 | 5.2 | 5.4 | 6.1 | 3.0 | 0.2 | T | 29.9 |

WBAN : 24023

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> |
|---|---|

2014

NORTH PLATTE

NEBRASKA (KLBF)

The climate of North Platte is characterized throughout the year by frequent rapid changes in the weather. During the winter, most North Pacific lows cross the country north of North Platte. The passage usually brings little or no snowfall, and only a moderate drop in temperature. Only when there is a major outbreak of cold air from Canada does the temperature fall to zero or below. The duration of below-zero temperature is hardly more than two mornings, and by the third or fourth day the temperature is ordinarily rising to the 40s or higher. Snowfall at the onset of a cold outbreak is usually less than 2 inches.

Only when a low moves from the middle Rockies through Nebraska, allowing easterly winds to draw moist air into the low circulation, does snowfall of appreciable amounts occur. Few of these storms move slowly enough, or are intense enough, to deposit much precipitation in the North Platte area. However, during some winters the cold outbreak and intense low from the mid-Rockies combine to produce severe cold and snow several inches in depth, with blizzard conditions following. During and after these snowfalls and blizzards, rail and highway traffic may be stalled until the snow is cleared. Widespread loss of unsheltered livestock and wild life results from such conditions.

The sudden and frequent weather changes of the winter continue through spring with decreasing intensity of temperature changes but increasing precipitation. The summer and fall months bring frequent changes from hot to cool weather. Most summer and fall precipitation is associated with thunderstorms, so the amounts are extremely variable. The surrounding area is occasionally damaged by locally severe winds and hailstorms.

Temperatures may reach into the upper 90s and lower 100s frequently during the summer months, but the elevation and clear skies bring rapid cooling after sunset to lows in the 60s or below by daybreak. Since the humidity is generally low, the extremely hot days of summer are not uncomfortable.

Based on the 1951-1980 period, the average first occurrence of 32 degrees Fahrenheit in the fall is September 24 and the average last occurrence in the spring is May 11.

Station History

NORTH PLATTE, NE

| NAME | Begin Date | End Date | Latitude | Longitude | Elevation Feet | Relocation | Platform |
|-----------------------------|------------|------------|----------|-----------|----------------|------------|-------------------|
| NORTH PLATTE REGIONAL AP | 1996-02-01 | 1996-10-01 | 41° 7' | -100° 40' | 2779 | | ASOS, COOP, WXSVC |
| NORTH PLATTE LEE BIRD FIELD | 1995-06-06 | 1995-08-23 | 41° 7' | -100° 40' | 2779 | | COOP, WXSVC |
| NORTH PLATTE LEE BIRD FIELD | 1973-01-01 | 1995-06-06 | 41° 7' | -100° 40' | 2775 | | COOP, WXSVC |
| NORTH PLATTE REGIONAL AP | 1996-10-01 | 2001-03-27 | 41° 7' | -100° 40' | 2779 | 1.3 MI SE | ASOS, COOP, WXSVC |
| NORTH PLATTE MUNICIPAL AP | 1933-06-01 | 1947-12-01 | 41° 7' | -100° 42' | 2789 | | AIRWAYS |
| NORTH PLATTE MUNICIPAL AP | 1952-01-01 | 1952-01-15 | 41° 7' | -100° 40' | 2775 | | AIRWAYS, COOP |
| NORTH PLATTE MUNICIPAL AP | 1947-12-01 | 1952-01-01 | 41° 7' | -100° 42' | 2789 | | AIRWAYS, COOP |
| NORTH PLATTE REGIONAL AP | 2009-10-19 | Present | 41° 7' | -100° 40' | 2778 | | ASOS, COOP, WXSVC |
| NORTH PLATTE LEE BIRD FIELD | 1952-01-15 | 1973-01-01 | 41° 7' | -100° 40' | 2775 | | AIRWAYS, COOP |
| NORTH PLATTE REGIONAL AP | 1995-08-23 | 1996-02-01 | 41° 7' | -100° 40' | 2779 | | COOP, WXSVC |
| NORTH PLATTE REGIONAL AP | 2001-03-27 | 2009-10-19 | 41° 7' | -100° 40' | 2778 | | ASOS, COOP, WXSVC |

Element History

| Element | Begin Date | End Date | Frequency | Time Of Observation | Equipment * | Equipment * Modifications | Equipment Exposure |
|---------|------------|------------|-----------|---------------------|-------------|---------------------------|--------------------|
| TEMP | 1996-02-01 | 1996-10-01 | DAILY | 2400 | MXMN | | |
| PRECIP | 1996-10-01 | 2001-03-27 | HOURLY | 2400 | TB | RCRD | |
| PRECIP | 2001-03-27 | 2005-10-20 | HOURLY | 2400 | TB | RCRD | |
| PRECIP | 2005-10-20 | 2009-10-19 | HOURLY | 2400 | TB | RCRD | |
| WIND | 2005-10-20 | 2009-10-19 | HOURLY | 2400 | UNKN | | |
| TEMP | 1933-06-01 | 1982-01-01 | DAILY | 2400 | | | |
| PRECIP | 1987-10-12 | 1995-07-01 | DAILY | 2400 | UNIV | RCRD | |
| TEMP | 1987-10-12 | 1995-07-01 | DAILY | 2400 | MXMN | | |
| WIND | 1996-02-01 | 1996-10-01 | HOURLY | 2400 | ANEMSONIC | | |
| WIND | 2009-10-19 | Present | HOURLY | 2400 | ANEMSONIC | | |
| PRECIP | 1933-06-01 | 1982-01-01 | DAILY | 2400 | | | |
| PRECIP | 1982-01-01 | 1987-10-12 | DAILY | 2400 | UNIV | RCRD | |
| PRECIP | 1987-10-12 | 1995-07-01 | DAILY | 2400 | UNIV | RCRD | |
| PRECIP | 1995-07-01 | 1996-02-01 | DAILY | 2400 | UNIV | RCRD | |
| PRECIP | 1996-02-01 | 1996-10-01 | HOURLY | 2400 | UNIV | RCRD | |
| PRECIP | 1996-02-01 | 1996-10-01 | DAILY | 2400 | UNIV | RCRD | |
| TEMP | 1996-10-01 | 2001-03-27 | DAILY | 2400 | UNIV | RCRD | |
| TEMP | 2001-03-27 | 2005-10-20 | DAILY | 2400 | HYGR | | |
| TEMP | 2005-10-20 | 2009-10-19 | DAILY | 2400 | ATEMP | | |
| TEMP | 1995-07-01 | 1996-02-01 | DAILY | 2400 | MXMN | | |
| PRECIP | 1996-02-01 | 1996-10-01 | HOURLY | 2400 | UNIV | RCRD | |
| WIND | 1996-10-01 | 2001-03-27 | HOURLY | 2400 | UNKN | | |
| PRECIP | 2009-10-19 | Present | DAILY | 2400 | ANEMSONIC | | |
| TEMP | 1982-01-01 | 1987-10-12 | DAILY | 2400 | PCPNX | | |
| WIND | 2001-03-27 | 2005-10-20 | HOURLY | 2400 | | | |
| PRECIP | 2005-10-20 | 2009-10-19 | DAILY | 2400 | ANEMSONIC | | |
| PRECIP | 2009-10-19 | Present | HOURLY | 2400 | TB | RCRD | |
| PRECIP | 1982-01-01 | 1987-10-12 | HOURLY | 2400 | AWPAG | RCRD;HTD | |
| PRECIP | 1987-10-12 | 1995-07-01 | HOURLY | 2400 | | | |
| PRECIP | 1996-10-01 | 2001-03-27 | DAILY | 2400 | TB | RCRD | |
| PRECIP | 2001-03-27 | 2005-10-20 | DAILY | 2400 | TB | RCRD | |
| TEMP | 2005-10-20 | 2009-10-19 | DAILY | 2400 | ATEMP | | |
| TEMP | 2009-10-19 | Present | DAILY | 2400 | ATEMP | | |

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

Other Station Information can be found at:

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

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

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NOAA/National Climatic Data Center

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Asheville, NC 28801-5001

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