

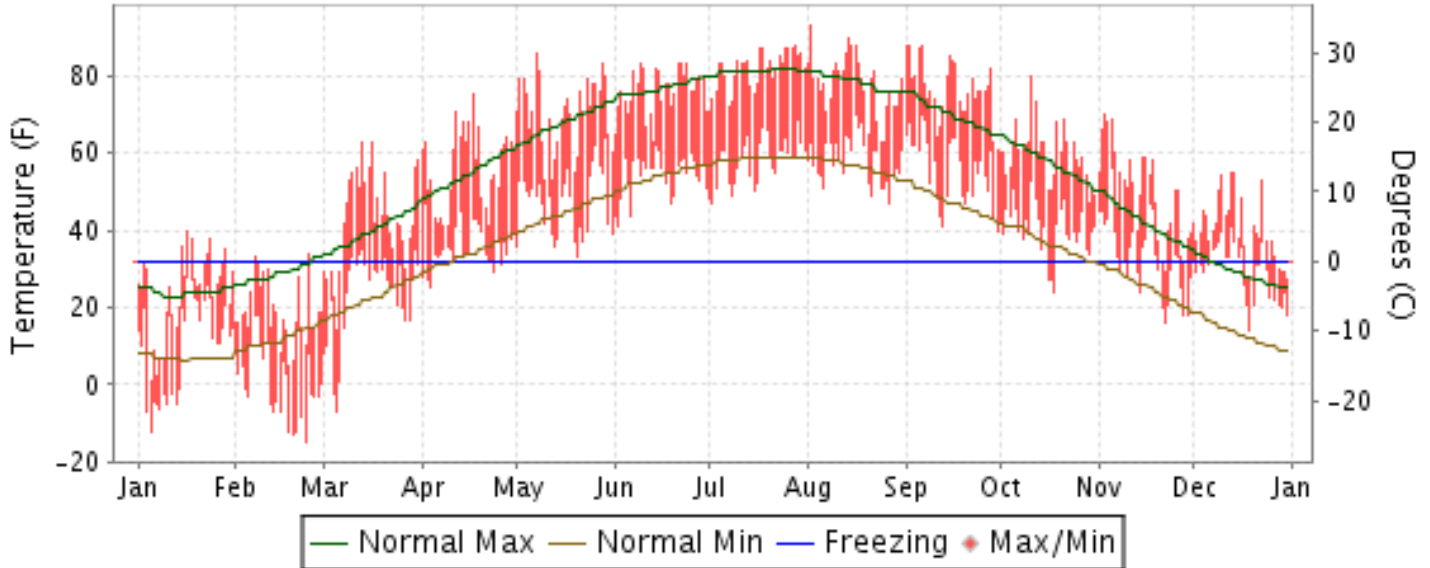


2015 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

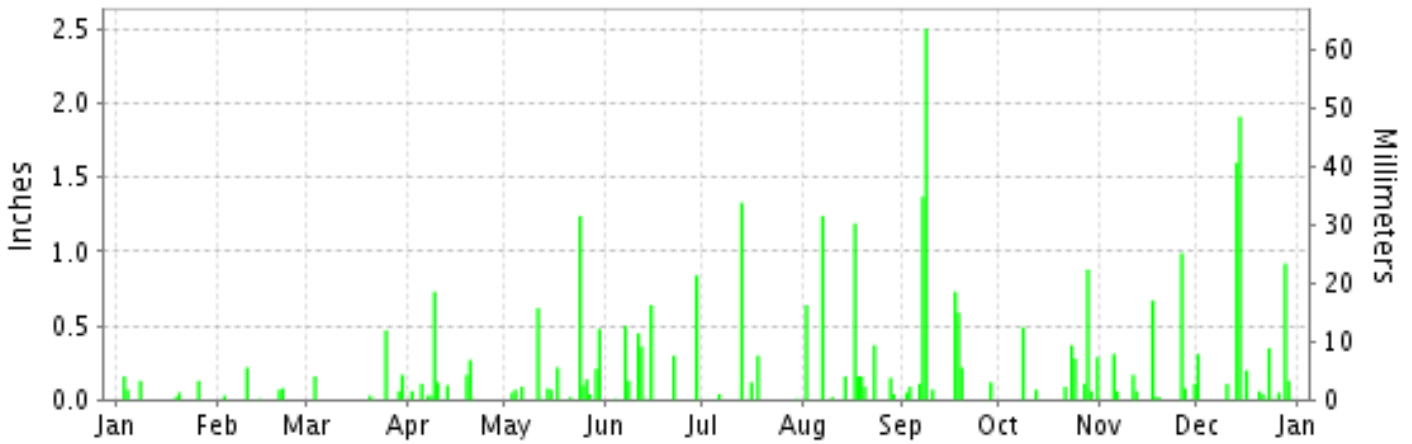
ISSN 0198-568X

GREEN BAY, WISCONSIN (KGRB)

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

GREEN BAY (KGRB)

LATITUDE: 44° 28'N LONGITUDE: 88° 8'W ELEVATION (FT): GRND: 687 BARO: 685 TIME ZONE: CENTRAL (UTC -6) WBAN: 14898

| ELEMENT | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR | |
|----------------------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-----------|---|
| TEMPERATURE °F | MEAN DAILY MAXIMUM | 24.3 | 19.0 | 43.2 | 56.2 | 70.5 | 76.1 | 81.5 | 77.8 | 76.7 | 59.7 | 49.7 | 39.6 | 56.2 | |
| | HIGHEST DAILY MAXIMUM | 40 | 34 | 63 | 75 | 86 | 83 | 88 | 93 | 88 | 80 | 70 | 55 | 93 | |
| | DATE OF OCCURRENCE | 17 | 24 | 16+ | 17 | 07 | 24+ | 28 | 02 | 06+ | 11 | 03 | 14+ | AUG 02 | |
| | MEAN DAILY MINIMUM | 10.8 | 1.0 | 23.6 | 35.6 | 47.4 | 54.3 | 58.1 | 58.3 | 55.8 | 40.4 | 33.2 | 29.4 | 37.3 | |
| | LOWEST DAILY MINIMUM | -12 | -15 | -7 | 25 | 33 | 41 | 47 | 47 | 40 | 24 | 16 | 14 | -15 | |
| | DATE OF OCCURRENCE | 05 | 23 | 05 | 04 | 20 | 02 | 02 | 27 | 30 | 18 | 22 | 19 | FEB 23 | |
| | AVERAGE DRY BULB | 17.5 | 10.0 | 33.4 | 45.9 | 58.9 | 65.2 | 69.8 | 68.1 | 66.3 | 50.0 | 41.5 | 34.5 | 46.8 | |
| | MEAN WET BULB | 16.8 | 9.1 | 29.1 | 40.0 | 52.8 | 59.3 | 63.7 | 63.1 | | 46.2 | 38.4 | 32.8 | | |
| | MEAN DEW POINT | 11.3 | 2.1 | 21.9 | 32.2 | 46.4 | 54.8 | 59.5 | 60.2 | | 41.6 | 34.1 | 29.3 | | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | MAXIMUM >= 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 2 |
| MAXIMUM <= 32° | 25 | 26 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 7 | 68 | | |
| MINIMUM <= 32° | 31 | 28 | 25 | 8 | 0 | 0 | 0 | 0 | 0 | 3 | 14 | 19 | 128 | | |
| MINIMUM <= 0° | 10 | 15 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | | |
| H/C | HEATING DEGREE DAYS | 1462 | 1531 | 968 | 564 | 210 | 53 | 19 | 31 | 68 | 457 | 697 | 938 | 6998 | |
| | COOLING DEGREE DAYS | 0 | 0 | 0 | 0 | 28 | 67 | 176 | 131 | 113 | 2 | 0 | 0 | 517 | |
| RH | MEAN (PERCENT) | 73 | 67 | 65 | 63 | 66 | 71 | 70 | 78 | 76 | 74 | 76 | 83 | 72 | |
| | HOUR 00 LST | 77 | 71 | 71 | 72 | 74 | 83 | 84 | 89 | 89 | 82 | 81 | 84 | 80 | |
| | HOUR 06 LST | 77 | 75 | 76 | 78 | 78 | 82 | 85 | 90 | 89 | 86 | 84 | 86 | 82 | |
| | HOUR 12 LST | 68 | 62 | 58 | 53 | 56 | 59 | 55 | 65 | 60 | 61 | 66 | 79 | 62 | |
| | HOUR 18 LST | 72 | 61 | 58 | 52 | 56 | 59 | 56 | 71 | 74 | 72 | 73 | 82 | 66 | |
| W/O | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | HEAVY FOG(VISBY <= 1/4 MI) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | |
| | THUNDERSTORMS | 0 | 0 | 0 | 0 | 2 | 4 | 2 | 4 | 5 | 0 | 1 | 1 | 19 | |
| PR | MEAN STATION PRESS. (IN.) | 29.35 | 29.39 | 29.34 | 29.20 | 29.29 | 29.19 | 29.18 | 29.20 | 29.29 | 29.28 | 29.26 | 29.17 | 29.26 | |
| | MEAN SEA-LEVEL PRESS. (IN.) | 30.15 | 30.20 | 30.12 | 29.96 | 30.06 | 29.95 | 29.92 | 29.95 | 30.05 | 30.04 | 30.03 | 29.95 | 30.03 | |
| WINDS | RESULTANT SPEED (MPH) | 3.4 | 4.4 | 3.8 | 2.4 | 1.5 | 1.1 | 2.6 | 2.6 | 0.9 | 1.8 | 4.8 | 2.2 | 1.8 | |
| | RES. DIR. (TENS OF DEGS.) | 28 | 30 | 25 | 01 | 17 | 05 | 24 | 23 | 19 | 27 | 22 | 25 | 26 | |
| | MEAN SPEED (MPH) | 9.5 | 9.8 | 9.5 | 10.5 | 9.6 | 7.0 | 6.6 | 6.7 | 6.7 | 9.0 | 9.9 | 10.2 | 8.8 | |
| | PREVAIL.DIR.(TENS OF DEGS.) | 05 | 32 | 21 | 05 | 20 | 05 | 21 | 21 | 18 | 29 | 20 | 25 | 05 | |
| | MAXIMUM 2-MINUTE WIND | | | | | | | | | | | | | | |
| | SPEED (MPH) | 29 | 35 | 28 | 30 | 30 | 32 | 36 | 49 | 24 | 38 | 38 | 43 | 49 | |
| | DIR. (TENS OF DEGS.) | 05 | 03 | 27 | 05 | 26 | 12 | 28 | 01 | 27 | 31 | 16 | 04 | 01 | |
| | DATE OF OCCURRENCE | 31 | 01 | 04 | 18 | 18 | 22 | 13 | 14 | 07 | 15 | 18 | 28 | AUG 14 | |
| | MAXIMUM 3-SECOND WIND: | | | | | | | | | | | | | | |
| SPEED (MPH) | 37 | 43 | 38 | 37 | 38 | 40 | 48 | 62 | 31 | 47 | 48 | 54 | 62 | | |
| DIR. (TENS OF DEGS.) | 35 | 03 | 21 | 28 | 23 | 12 | 27 | 01 | 21 | 31 | 14 | 04 | 01 | | |
| DATE OF OCCURRENCE | 29 | 01 | 29 | 13 | 27 | 22 | 13 | 14 | 16 | 15 | 18 | 28 | AUG 14 | | |
| PRECIPITATION | WATER EQUIVALENT: | | | | | | | | | | | | | | |
| | TOTAL (IN.) | 0.56 | 0.41 | 0.90 | 1.63 | 3.44 | 3.24 | 1.80 | 4.22 | 5.85 | 2.64 | 2.49 | 5.71 | 32.89 | |
| | GREATEST 24-HOUR (IN.) | 0.16 | 0.22 | 0.47 | 0.84 | 1.34 | 0.84 | 1.33 | 1.24 | 2.51 | 0.98 | 1.07 | 2.57 | 2.57 | |
| | DATE OF OCCURRENCE | 03 | 10 | 25 | 09-10 | 24-25 | 29 | 13 | 07 | 07-08 | 27-28 | 26-27 | 13-14 | DEC 13-14 | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| PRECIPITATION 0.01 | 6 | 5 | 6 | 10 | 15 | 9 | 5 | 11 | 10 | 9 | 10 | 14 | 110 | | |
| PRECIPITATION 0.10 | 3 | 1 | 3 | 6 | 7 | 7 | 3 | 8 | 7 | 6 | 5 | 8 | 64 | | |
| PRECIPITATION 1.00 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 2 | 0 | 0 | 2 | 8 | | |
| SNOWFALL | SNOW,ICE PELLETS,HAIL | 8.8 | 8.0 | 4.2 | T | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.2 | 13.7 | 34.9 | |
| | TOTAL (IN.) | 3.1 | 2.7 | 2.8 | T | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.2 | 11.5 | 11.5 | |
| | GREATEST 24-HOUR (IN.) | 08 | 10 | 25 | 23+ | | | | | | 29 | 27 | 28 | DEC 28 | |
| | DATE OF OCCURRENCE | 5 | 7 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 13 | |
| | MAXIMUM SNOW DEPTH (IN.) | 10+ | 20 | 07+ | | | | | | | | | 29 | DEC 29 | |
| | DATE OF OCCURRENCE | | | | | | | | | | | | | | |
| NUMBER OF DAYS WITH: | | | | | | | | | | | | | | | |
| SNOWFALL >= 1.0 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 10 | | |

NORMALS, MEANS, AND EXTREMES GREEN BAY (KGRB)

LATITUDE: 44° 28'N LONGITUDE: 88° 8'W ELEVATION (FT): GRND: 687 BARO: 685 TIME ZONE: CENTRAL (UTC -6) WBAN: 14898

| | ELEMENT | POR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|--|---|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----------|
| TEMPERATURE °F | NORMAL DAILY MAXIMUM | 30 | 24.3 | 28.2 | 39.2 | 53.9 | 66.0 | 75.3 | 79.8 | 77.7 | 69.9 | 56.6 | 42.2 | 28.5 | 53.5 |
| | MEAN DAILY MAXIMUM | 66 | 24.0 | 27.9 | 38.7 | 54.0 | 66.9 | 76.2 | 81.0 | 78.7 | 70.4 | 58.2 | 42.6 | 29.3 | 54.0 |
| | HIGHEST DAILY MAXIMUM | 66 | 53 | 61 | 82 | 89 | 91 | 98 | 103 | 99 | 95 | 88 | 74 | 64 | 103 |
| | YEAR OF OCCURRENCE | | 2002 | 2000 | 2012 | 1980 | 1959 | 1988 | 1995 | 1988 | 1955 | 1963 | 2008 | 2001 | JUL 1995 |
| | MEAN OF EXTREME MAXS. | 66 | 41.1 | 43.7 | 60.0 | 76.9 | 84.5 | 89.8 | 91.5 | 90.1 | 86.0 | 77.0 | 62.1 | 46.5 | 70.8 |
| | NORMAL DAILY MINIMUM | 30 | 9.0 | 12.4 | 22.4 | 33.8 | 44.0 | 54.1 | 58.4 | 56.9 | 48.5 | 37.7 | 26.9 | 14.4 | 34.9 |
| | MEAN DAILY MINIMUM | 66 | 7.7 | 10.7 | 21.6 | 34.0 | 44.2 | 53.9 | 58.7 | 56.8 | 48.4 | 38.4 | 27.0 | 14.5 | 34.7 |
| | LOWEST DAILY MINIMUM | 66 | -31 | -28 | -29 | 7 | 21 | 32 | 40 | 38 | 24 | 15 | -9 | -27 | -31 |
| | YEAR OF OCCURRENCE | | 1951 | 1996 | 1962 | 1954 | 1966 | 1958 | 1965 | 1967 | 1949 | 1966 | 1976 | 1983 | JAN 1951 |
| | MEAN OF EXTREME MINS. | 66 | -14.3 | -10.5 | 0.3 | 20.3 | 30.5 | 40.7 | 46.9 | 44.5 | 33.2 | 24.3 | 9.6 | -7.5 | 18.2 |
| | NORMAL DRY BULB | 30 | 16.6 | 20.3 | 30.8 | 43.9 | 55.0 | 64.7 | 69.1 | 67.3 | 59.2 | 47.1 | 34.6 | 21.5 | 44.2 |
| | MEAN DRY BULB | 66 | 15.9 | 19.3 | 30.1 | 44.0 | 55.6 | 65.2 | 69.8 | 67.8 | 59.4 | 48.3 | 34.8 | 21.9 | 44.3 |
| | MEAN WET BULB | 32 | 15.1 | 18.4 | 27.0 | 37.6 | 48.6 | 58.6 | 62.9 | 61.9 | 54.4 | 42.9 | 31.6 | 21.1 | 40.0 |
| | MEAN DEW POINT | 32 | 13.5 | 15.1 | 24.5 | 34.8 | 46.6 | 57.0 | 61.7 | 60.7 | 52.7 | 41.1 | 29.8 | 18.6 | 38.0 |
| | NORMAL NO. DAYS WITH: MAXIMUM >= 90 | 30 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 1.4 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 3.1 |
| | MAXIMUM <= 32 | 30 | 22.8 | 17.6 | 7.2 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 5.3 | 18.4 | 72.0 |
| | MINIMUM <= 32 | 30 | 30.3 | 26.8 | 26.3 | 12.4 | 1.9 | 0.0 | 0.0 | 0.0 | 0.6 | 8.5 | 21.1 | 28.9 | 156.8 |
| MINIMUM <= 0 | 30 | 8.1 | 5.2 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 4.8 | 19.3 | |
| H/C | NORMAL HEATING DEG. DAYS | 30 | 1499 | 1251 | 1060 | 637 | 326 | 92 | 23 | 40 | 207 | 556 | 914 | 1350 | 7955 |
| | NORMAL COOLING DEG. DAYS | 30 | 0 | 0 | 0 | 2 | 16 | 83 | 150 | 111 | 33 | 3 | 0 | 0 | 398 |
| RH | NORMAL (PERCENT) | 30 | 76 | 75 | 73 | 67 | 67 | 70 | 74 | 77 | 77 | 75 | 76 | 78 | 74 |
| | HOURLY 00 LST | 30 | 77 | 78 | 78 | 75 | 76 | 80 | 84 | 88 | 87 | 82 | 81 | 80 | 81 |
| | HOURLY 06 LST | 30 | 79 | 80 | 82 | 79 | 79 | 82 | 86 | 90 | 90 | 85 | 83 | 81 | 83 |
| | HOURLY 12 LST | 30 | 71 | 68 | 64 | 57 | 55 | 57 | 59 | 63 | 62 | 62 | 68 | 73 | 63 |
| | HOURLY 18 LST | 30 | 74 | 71 | 67 | 59 | 57 | 59 | 62 | 67 | 71 | 72 | 75 | 77 | 68 |
| S | PERCENT POSSIBLE SUNSHINE | 59 | 49 | 52 | 54 | 56 | 61 | 65 | 66 | 62 | 56 | 48 | 37 | 40 | 54 |
| W/O | MEAN NO. DAYS WITH: HEAVY FOG(VISBY <= 1/4 MI) | 52 | 1.4 | 1.8 | 2.7 | 1.4 | 1.3 | 1.2 | 1.1 | 2.2 | 2.3 | 2.0 | 1.7 | 2.3 | 21.4 |
| | THUNDERSTORMS | 66 | 0.1 | 0.1 | 1.1 | 2.0 | 3.7 | 6.1 | 6.1 | 5.5 | 3.6 | 1.7 | 0.4 | 0.1 | 30.5 |
| CLOUDINESS | MEAN: SUNRISE-SUNSET (OKTAS) | 47 | 5.3 | 5.2 | 5.4 | 5.4 | 5.1 | 4.8 | 4.5 | 4.6 | 4.8 | 5.1 | 5.8 | 5.6 | 5.1 |
| | MIDNIGHT-MIDNIGHT (OKTAS) | 32 | 5.1 | 4.9 | 5.1 | 5.2 | 4.8 | 4.6 | 4.2 | 4.3 | 4.5 | 4.9 | 5.6 | 5.3 | 4.9 |
| | MEAN NO. DAYS WITH: CLEAR | 47 | 7.7 | 7.2 | 7.0 | 6.2 | 7.0 | 7.5 | 8.0 | 8.4 | 8.1 | 7.1 | 4.8 | 6.3 | 85.3 |
| | PARTLY CLOUDY | 47 | 6.6 | 6.5 | 7.6 | 7.8 | 9.5 | 10.9 | 12.2 | 10.7 | 9.4 | 8.5 | 6.5 | 6.1 | 102.3 |
| | CLOUDY | 47 | 16.7 | 14.6 | 16.4 | 16.0 | 14.5 | 11.6 | 10.8 | 11.9 | 12.5 | 15.4 | 18.8 | 18.6 | 177.8 |
| PR | MEAN STATION PRESSURE(IN) | 32 | 29.27 | 29.29 | 29.28 | 29.21 | 29.21 | 29.19 | 29.22 | 29.26 | 29.27 | 29.25 | 29.25 | 29.27 | 29.25 |
| | MEAN SEA-LEVEL PRES. (IN) | 32 | 30.06 | 30.08 | 30.06 | 29.97 | 29.97 | 29.93 | 29.96 | 30.00 | 30.02 | 30.02 | 30.03 | 30.06 | 30.01 |
| WINDS | MEAN SPEED (MPH) | 32 | 9.6 | 9.5 | 9.7 | 10.4 | 9.3 | 7.9 | 7.2 | 6.7 | 7.5 | 8.8 | 9.5 | 9.2 | 8.8 |
| | PREVAIL.DIR(TENS OF DEGS) | 39 | 28 | 22 | 05 | 05 | 05 | 22 | 22 | 22 | 22 | 22 | 22 | 28 | 28 |
| | MAXIMUM 2-MINUTE: SPEED (MPH) | 19 | 40 | 38 | 44 | 41 | 41 | 41 | 51 | 49 | 40 | 41 | 45 | 43 | 51 |
| | DIR. (TENS OF DEGS) | | 28 | 03 | 29 | 22 | 29 | 01 | 29 | 01 | 25 | 02 | 20 | 04 | 29 |
| | YEAR OF OCCURRENCE | | 2013 | 2011 | 2002 | 1997 | 2011 | 2005 | 2006 | 2015 | 2011 | 2014 | 1998 | 2015 | JUL 2006 |
| | MAXIMUM 3-SECOND SPEED (MPH) | 19 | 49 | 52 | 54 | 54 | 53 | 66 | 62 | 62 | 55 | 53 | 59 | 54 | 66 |
| | DIR. (TENS OF DEGS) | | 30 | 03 | 29 | 23 | 28 | 09 | 28 | 01 | 26 | 03 | 21 | 04 | 09 |
| YEAR OF OCCURRENCE | | 2013 | 2011 | 2002 | 1997 | 2011 | 2007 | 2006 | 2015 | 2011 | 2014 | 1998 | 2015 | JUN 2007 | |
| PRECIPITATION | NORMAL (IN) | 30 | 1.13 | 1.11 | 1.85 | 2.63 | 2.93 | 3.88 | 3.50 | 3.37 | 3.04 | 2.44 | 2.13 | 1.51 | 29.52 |
| | MAXIMUM MONTHLY (IN) | 66 | 3.65 | 3.56 | 4.68 | 6.24 | 8.31 | 10.29 | 9.51 | 9.04 | 7.80 | 5.16 | 5.32 | 5.71 | 10.29 |
| | YEAR OF OCCURRENCE | | 2008 | 1953 | 1977 | 2011 | 2004 | 1990 | 2010 | 1975 | 1965 | 2009 | 1992 | 2015 | JUN 1990 |
| | MINIMUM MONTHLY (IN) | 66 | 0.12 | 0.04 | 0.15 | 0.49 | 0.06 | 0.31 | 0.83 | 0.59 | 0.28 | T | 0.11 | T | 0.04 |
| | YEAR OF OCCURRENCE | | 1981 | 1969 | 1999 | 1989 | 1988 | 1976 | 1981 | 2008 | 1976 | 1952 | 2007 | 1952 | FEB 1969 |
| | MAXIMUM IN 24 HOURS (IN) | 66 | 1.14 | 1.78 | 1.83 | 3.24 | 3.28 | 4.90 | 4.65 | 4.60 | 2.99 | 3.68 | 2.30 | 2.57 | 4.90 |
| | YEAR OF OCCURRENCE | | 1980 | 1966 | 1998 | 1994 | 1973 | 1990 | 2000 | 1975 | 1964 | 1954 | 1985 | 2015 | JUN 1990 |
| | NORMAL NO. DAYS WITH: PRECIPITATION >= 0.01 | 30 | 9.9 | 8.4 | 10.6 | 11.1 | 11.4 | 10.3 | 10.4 | 10.4 | 9.7 | 10.5 | 10.0 | 10.3 | 123.0 |
| | PRECIPITATION >= 1.00 | 30 | 0.0 | 0.1 | 0.3 | 0.4 | 0.4 | 1.1 | 1.0 | 0.6 | 0.7 | 0.4 | 0.2 | 0.1 | 5.3 |
| SNOWFALL | NORMAL (IN) | 30 | 13.0 | 9.9 | 8.1 | 2.9 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 4.0 | 13.1 | 51.4 |
| | MAXIMUM MONTHLY (IN) | 66 | 31.5 | 24.5 | 24.2 | 11.8 | 4.3 | T | T | T | T | 1.8 | 17.1 | 45.6 | 45.6 |
| | YEAR OF OCCURRENCE | | 1996 | 2008 | 1989 | 1977 | 1990 | 1992 | 2006 | 1993 | 2006 | 2002 | 1995 | 2008 | DEC 2008 |
| | MAXIMUM IN 24 HOURS (IN) | 66 | 15.3 | 9.4 | 13.0 | 10.2 | 4.3 | T | T | T | T | 1.6 | 10.1 | 14.4 | 15.3 |
| | YEAR OF OCCURRENCE' | | 1996 | 2011 | 1997 | 1977 | 1990 | 1992 | 2006 | 1993 | 1995 | 1989 | 1995 | 1990 | JAN 1996 |
| | MAXIMUM SNOW DEPTH (IN) | 65 | 25 | 24 | 19 | 11 | 2 | 0 | 0 | 0 | 0 | 1 | 11 | 19 | 25 |
| | YEAR OF OCCURRENCE | | 1979 | 1979 | 1962 | 1977 | 1990 | | | | | 1992 | 1977 | 2008 | JAN 1979 |
| NORMAL NO. DAYS WITH: SNOWFALL >= 1.0 | 30 | 4.1 | 3.1 | 2.6 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 1.1 | 3.7 | 15.8 | |

PRECIPITATION (inches) 2015 GREEN BAY (KGRB)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|----------------|------|------|------|------|------|-------|------|------|------|------|------|------|--------|
| 1986 | 0.60 | 0.83 | 2.48 | 2.26 | 1.15 | 4.06 | 4.95 | 3.85 | 7.51 | 1.89 | 1.27 | 0.48 | 31.33 |
| 1987 | 0.47 | 0.39 | 1.53 | 2.33 | 2.58 | 1.83 | 2.18 | 3.41 | 1.57 | 1.76 | 3.07 | 2.04 | 23.16 |
| 1988 | 1.79 | 0.73 | 1.10 | 2.53 | 0.06 | 0.67 | 2.34 | 3.47 | 4.11 | 1.96 | 4.43 | 0.84 | 24.03 |
| 1989 | 0.41 | 0.38 | 2.88 | 0.49 | 4.22 | 1.56 | 2.27 | 1.05 | 0.58 | 4.76 | 1.25 | 0.55 | 20.40 |
| 1990 | 0.64 | 0.58 | 3.25 | 1.28 | 3.99 | 10.29 | 2.93 | 2.51 | 5.13 | 2.34 | 1.61 | 2.10 | 36.65 |
| 1991 | 0.57 | 0.37 | 2.87 | 2.77 | 2.42 | 1.08 | 4.16 | 2.11 | 2.55 | 3.50 | 2.72 | 1.42 | 26.54 |
| 1992 | 0.72 | 0.55 | 2.48 | 3.01 | 1.54 | 1.61 | 4.18 | 2.10 | 5.61 | 0.92 | 5.32 | 2.27 | 30.31 |
| 1993 | 1.42 | 0.34 | 0.76 | 3.99 | 4.28 | 6.82 | 6.83 | 2.30 | 2.78 | 2.29 | 1.56 | 0.44 | 33.81 |
| 1994 | 1.47 | 1.11 | 1.14 | 5.91 | 1.69 | 2.84 | 7.00 | 3.69 | 2.19 | 0.98 | 1.43 | 0.34 | 29.79 |
| 1995 | 0.65 | 0.39 | 1.92 | 2.22 | 2.88 | 1.80 | 1.15 | 7.31 | 2.76 | 4.80 | 3.32 | 1.25 | 30.45 |
| 1996 | 1.77 | 0.76 | 1.16 | 3.85 | 1.40 | 5.57 | 2.49 | 1.40 | 1.40 | 2.93 | .80 | 1.89 | 25.42 |
| 1997 | 1.81 | 1.40 | 1.92 | 1.67 | 2.60 | 5.51 | 2.11 | 5.73 | 2.76 | 0.93 | 0.30 | 0.61 | 27.35 |
| 1998 | 2.21 | 0.80 | 3.66 | 1.85 | 2.21 | 6.17 | 1.86 | 2.93 | 3.54 | 1.56 | 1.67 | 0.30 | 28.76 |
| 1999 | 2.37 | 1.10 | 0.15 | 2.11 | 3.77 | 3.98 | 5.67 | 1.32 | 1.24 | 0.67 | 1.57 | 0.83 | 24.78 |
| 2000 | 0.87 | 1.04 | 0.98 | 2.15 | 4.41 | 5.33 | 6.27 | 3.38 | 3.94 | 0.46 | 1.25 | 1.16 | 31.24 |
| 2001 | 1.19 | 1.26 | 0.42 | 3.66 | 4.74 | 5.17 | 0.85 | 3.42 | 2.35 | 1.71 | 1.70 | 1.23 | 27.70 |
| 2002 | 0.60 | 1.50 | 2.08 | 3.02 | 2.81 | 4.69 | 2.16 | 4.01 | 2.67 | 3.26 | 0.44 | 0.73 | 27.97 |
| 2003 | 0.58 | 0.56 | 2.32 | 2.36 | 3.17 | 3.71 | 4.26 | 4.15 | 3.32 | 1.05 | 3.83 | 1.68 | 30.99 |
| 2004 | 1.24 | 1.62 | 3.58 | 1.56 | 8.31 | 4.87 | 1.78 | 2.00 | 0.47 | 3.70 | 1.80 | 2.26 | 33.19 |
| 2005 | 1.60 | 1.33 | 1.33 | 1.53 | 2.52 | 3.44 | 1.46 | 4.23 | 3.08 | 1.59 | 3.07 | 1.04 | 26.22 |
| 2006 | 1.64 | 1.34 | 1.16 | 1.97 | 5.90 | 2.83 | 3.14 | 2.11 | 3.33 | 3.14 | 1.23 | 2.88 | 30.67 |
| 2007 | 0.63 | 1.39 | 2.74 | 1.72 | 2.39 | 3.71 | 2.41 | 2.72 | 3.16 | 3.62 | 0.11 | 2.54 | 27.14 |
| 2008 | 3.65 | 2.30 | 2.52 | 4.61 | 1.43 | 4.77 | 4.71 | 0.59 | 1.89 | 1.59 | 1.49 | 3.72 | 33.27 |
| 2009 | 0.66 | 1.55 | 2.59 | 2.62 | 3.01 | 2.53 | 1.33 | 3.33 | 1.22 | 5.16 | 1.38 | 2.28 | 27.66 |
| 2010 | 0.67 | 1.05 | 0.31 | 3.63 | 1.99 | 6.73 | 9.51 | 4.42 | 4.48 | 2.12 | 1.33 | 1.91 | 38.15 |
| 2011 | 1.23 | 1.34 | 3.08 | 6.24 | 2.81 | 5.12 | 5.30 | 1.71 | 4.54 | 1.66 | 3.42 | 1.40 | 37.85 |
| 2012 | 1.40 | 1.12 | 2.21 | 2.39 | 3.43 | 1.71 | 6.01 | 3.66 | 1.09 | 4.92 | 1.05 | 2.54 | 31.53 |
| 2013 | 2.36 | 2.30 | 2.01 | 3.38 | 3.72 | 3.82 | 3.35 | 3.05 | 2.89 | 2.95 | 3.44 | 1.89 | 35.16 |
| 2014 | 1.33 | 1.46 | 0.91 | 4.01 | 2.95 | 4.05 | 1.21 | 4.80 | 4.69 | 2.51 | 2.52 | 1.68 | 32.12 |
| 2015 | 0.56 | 0.41 | 0.90 | 1.63 | 3.44 | 3.24 | 1.80 | 4.22 | 5.85 | 2.64 | 2.49 | 5.71 | 32.89 |
| POR= 66 YRS | 1.20 | 1.10 | 1.88 | 2.74 | 3.02 | 3.52 | 3.43 | 3.25 | 3.12 | 2.29 | 1.97 | 1.55 | 29.07 |

WBAN : 14898

AVERAGE TEMPERATURE (°F) 2015 GREEN BAY (KGRB)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1986 | 16.7 | 18.1 | 32.5 | 48.1 | 57.7 | 63.9 | 71.5 | 64.3 | 59.3 | 48.0 | 29.7 | 24.8 | 44.6 |
| 1987 | 21.6 | 27.9 | 35.1 | 49.1 | 58.8 | 69.0 | 73.0 | 67.6 | 61.1 | 43.2 | 37.6 | 27.1 | 47.6 |
| 1988 | 12.5 | 15.0 | 32.1 | 44.1 | 59.8 | 68.3 | 73.4 | 72.3 | 61.0 | 42.4 | 37.1 | 20.7 | 44.9 |
| 1989 | 25.5 | 13.0 | 25.3 | 41.9 | 54.9 | 63.4 | 70.9 | 68.7 | 59.0 | 49.6 | 31.4 | 11.2 | 42.9 |
| 1990 | 26.5 | 22.3 | 34.0 | 47.6 | 52.5 | 66.0 | 68.6 | 67.6 | 61.8 | 47.2 | 40.0 | 21.1 | 46.3 |
| 1991 | 13.8 | 23.5 | 33.6 | 47.9 | 61.4 | 69.2 | 69.8 | 69.9 | 58.5 | 48.2 | 30.2 | 24.5 | 45.9 |
| 1992 | 22.9 | 27.1 | 30.4 | 42.0 | 56.6 | 62.3 | 64.9 | 64.3 | 58.5 | 46.8 | 32.8 | 23.7 | 44.4 |
| 1993 | 19.6 | 19.0 | 30.2 | 40.4 | 56.2 | 62.8 | 70.3 | 70.3 | 55.4 | 45.9 | 33.7 | 25.3 | 44.1 |
| 1994 | 6.2 | 14.5 | 33.3 | 44.5 | 57.1 | 67.9 | 69.8 | 65.9 | 63.7 | 51.2 | 39.4 | 29.7 | 45.3 |
| 1995 | 21.4 | 20.5 | 34.6 | 40.5 | 56.0 | 70.8 | 73.1 | 73.9 | 58.3 | 49.2 | 27.8 | 18.9 | 45.4 |
| 1996 | 13.7 | 18.1 | 25.8 | 40.7 | 52.9 | 66.2 | 65.8 | 68.0 | 59.5 | 46.7 | 28.5 | 21.7 | 42.3 |
| 1997 | 15.1 | 21.1 | 28.9 | 42.3 | 49.1 | 64.3 | 66.4 | 63.7 | 60.0 | 47.7 | 31.9 | 27.9 | 43.2 |
| 1998 | 22.2 | 31.3 | 33.1 | 46.9 | 60.5 | 64.9 | 69.4 | 69.5 | 63.5 | 50.9 | 39.4 | 27.4 | 48.3 |
| 1999 | 14.9 | 28.3 | 34.0 | 45.9 | 58.1 | 65.4 | 72.2 | 65.4 | 58.6 | 46.1 | 40.0 | 24.1 | 46.1 |
| 2000 | 15.6 | 24.5 | 39.4 | 42.3 | 56.8 | 63.8 | 67.0 | 67.1 | 58.0 | 50.7 | 33.9 | 11.4 | 44.2 |
| 2001 | 20.3 | 17.4 | 29.5 | 47.8 | 57.3 | 65.6 | 70.6 | 70.7 | 58.3 | 47.3 | 43.4 | 30.1 | 46.5 |
| 2002 | 25.9 | 27.0 | 26.7 | 44.8 | 50.5 | 66.7 | 73.2 | 67.7 | 62.6 | 43.7 | 33.9 | 26.3 | 45.8 |
| 2003 | 16.4 | 14.0 | 30.0 | 41.5 | 53.1 | 63.2 | 67.9 | 69.1 | 60.4 | 48.0 | 36.1 | 28.0 | 44.0 |
| 2004 | 12.2 | 21.6 | 35.2 | 45.4 | 53.6 | 63.3 | 67.6 | 64.3 | 64.6 | 50.0 | 39.1 | 23.2 | 45.0 |
| 2005 | 17.0 | 26.1 | 27.2 | 47.4 | 54.1 | 71.0 | 70.5 | 69.0 | 64.4 | 51.6 | 36.9 | 19.8 | 46.3 |
| 2006 | 30.6 | 19.1 | 33.0 | 49.3 | 57.8 | 65.6 | 73.3 | 67.7 | 58.0 | 45.1 | 39.4 | 30.5 | 47.5 |
| 2007 | 23.0 | 15.3 | 35.8 | 44.6 | 59.7 | 67.5 | 69.6 | 69.3 | 62.6 | 54.8 | 34.8 | 21.5 | 46.5 |
| 2008 | 17.0 | 15.9 | 27.6 | 46.2 | 53.9 | 67.2 | 70.8 | 68.8 | 61.2 | 48.3 | 34.7 | 15.0 | 43.9 |
| 2009 | 7.6 | 21.4 | 31.0 | 43.6 | 55.2 | 64.5 | 65.4 | 65.9 | 61.3 | 44.3 | 41.8 | 20.4 | 43.5 |
| 2010 | 18.2 | 22.6 | 37.8 | 50.3 | 58.8 | 65.3 | 72.6 | 72.6 | 58.3 | 50.2 | 37.5 | 20.1 | 47.0 |
| 2011 | 13.9 | 20.0 | 28.5 | 42.1 | 54.7 | 64.8 | 75.1 | 69.2 | 57.7 | 51.4 | 39.2 | 29.1 | 45.5 |
| 2012 | 23.7 | 29.2 | 46.4 | 46.2 | 61.1 | 70.5 | 76.1 | 68.5 | 58.4 | 47.0 | 36.8 | 28.7 | 49.4 |
| 2013 | 19.2 | 19.2 | 26.4 | 41.0 | 56.3 | 65.8 | 70.5 | 68.6 | 60.9 | 49.1 | 34.3 | 15.0 | 43.9 |
| 2014 | 8.7 | 8.0 | 22.9 | 41.6 | 56.6 | 67.3 | 67.5 | 68.2 | 58.8 | 48.0 | 28.5 | 25.9 | 41.8 |
| 2015 | 17.5 | 10.0 | 33.4 | 45.9 | 58.9 | 65.2 | 69.8 | 68.1 | 66.3 | 50.0 | 41.5 | 34.5 | 46.8 |
| POR= 66 YRS | 15.9 | 19.3 | 30.1 | 44.0 | 55.6 | 65.2 | 69.8 | 67.8 | 59.4 | 48.3 | 34.8 | 21.9 | 44.3 |

HEATING DEGREE DAYS (base 65°F) 2015 GREEN BAY (KGRB)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|---------|-----|-----|-----|-----|------|------|------|------|------|-----|-----|-----|-------|
| 1987-88 | 18 | 44 | 132 | 673 | 815 | 1167 | 1623 | 1447 | 1012 | 624 | 201 | 74 | 7830 |
| 1988-89 | 4 | 23 | 146 | 694 | 830 | 1365 | 1216 | 1451 | 1224 | 687 | 315 | 98 | 8053 |
| 1989-90 | 7 | 19 | 200 | 475 | 1000 | 1666 | 1189 | 1191 | 952 | 547 | 380 | 55 | 7681 |
| 1990-91 | 24 | 28 | 157 | 547 | 744 | 1357 | 1579 | 1154 | 967 | 516 | 220 | 23 | 7316 |
| 1991-92 | 17 | 17 | 250 | 515 | 1038 | 1248 | 1296 | 1093 | 1067 | 683 | 275 | 122 | 7621 |
| 1992-93 | 44 | 87 | 209 | 560 | 960 | 1274 | 1398 | 1281 | 1071 | 731 | 277 | 108 | 8000 |
| 1993-94 | 1 | 16 | 292 | 585 | 930 | 1226 | 1818 | 1409 | 974 | 609 | 267 | 59 | 8186 |
| 1994-95 | 15 | 55 | 102 | 423 | 760 | 1087 | 1342 | 1237 | 937 | 730 | 275 | 43 | 7006 |
| 1995-96 | 8 | 0 | 229 | 483 | 1110 | 1419 | 1583 | 1356 | 1208 | 721 | 385 | 73 | 8575 |
| 1996-97 | 32 | 20 | 199 | 561 | 1089 | 1335 | 1541 | 1224 | 1114 | 676 | 486 | 87 | 8364 |
| 1997-98 | 52 | 88 | 163 | 533 | 988 | 1145 | 1319 | 937 | 985 | 535 | 175 | 118 | 7038 |
| 1998-99 | 5 | 5 | 98 | 431 | 760 | 1160 | 1546 | 1022 | 954 | 569 | 223 | 101 | 6874 |
| 1999-00 | 5 | 46 | 226 | 576 | 744 | 1259 | 1526 | 1170 | 785 | 672 | 275 | 94 | 7378 |
| 2000-01 | 39 | 30 | 229 | 435 | 929 | 1657 | 1377 | 1324 | 1094 | 513 | 247 | 87 | 7961 |
| 2001-02 | 19 | 8 | 217 | 540 | 639 | 1074 | 1205 | 1061 | 1180 | 611 | 453 | 77 | 7084 |
| 2002-03 | 2 | 13 | 124 | 661 | 928 | 1191 | 1501 | 1420 | 1078 | 698 | 364 | 93 | 8073 |
| 2003-04 | 16 | 7 | 182 | 522 | 862 | 1140 | 1629 | 1254 | 915 | 579 | 355 | 97 | 7558 |
| 2004-05 | 30 | 89 | 82 | 458 | 770 | 1288 | 1480 | 1083 | 1168 | 521 | 337 | 17 | 7323 |
| 2005-06 | 9 | 15 | 90 | 440 | 833 | 1397 | 1060 | 1279 | 983 | 465 | 263 | 52 | 6886 |
| 2006-07 | 6 | 20 | 218 | 613 | 761 | 1066 | 1295 | 1386 | 897 | 607 | 200 | 42 | 7111 |
| 2007-08 | 19 | 20 | 145 | 341 | 899 | 1341 | 1481 | 1415 | 1155 | 559 | 337 | 31 | 7743 |
| 2008-09 | 3 | 10 | 140 | 513 | 904 | 1542 | 1773 | 1215 | 1049 | 636 | 302 | 116 | 8203 |
| 2009-10 | 33 | 59 | 126 | 634 | 690 | 1375 | 1444 | 1180 | 835 | 441 | 241 | 49 | 7107 |
| 2010-11 | 2 | 7 | 212 | 451 | 819 | 1386 | 1578 | 1253 | 1126 | 679 | 335 | 73 | 7921 |
| 2011-12 | 0 | 3 | 245 | 419 | 766 | 1106 | 1273 | 1031 | 582 | 556 | 163 | 29 | 6173 |
| 2012-13 | 0 | 13 | 229 | 550 | 841 | 1118 | 1414 | 1278 | 1188 | 716 | 295 | 72 | 7714 |
| 2013- | 22 | 18 | 171 | 487 | 913 | 1544 | | | | | | | |
| 2013-14 | 22 | 18 | 171 | 487 | 913 | 1544 | 1738 | 1588 | 1294 | 696 | 269 | 31 | 8771 |
| 2014-15 | 15 | 14 | 197 | 520 | 1091 | 1208 | 1462 | 1531 | 968 | 564 | 210 | 53 | 7833 |
| 2015- | 19 | 31 | 68 | 457 | 697 | 938 | | | | | | | |

WBAN : 14898

COOLING DEGREE DAYS (base 65°F) 2015 GREEN BAY (KGRB)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1986 | 0 | 0 | 0 | 8 | 25 | 65 | 220 | 48 | 27 | 0 | 0 | 0 | 393 |
| 1987 | 0 | 0 | 0 | 7 | 56 | 161 | 274 | 133 | 23 | 0 | 0 | 0 | 654 |
| 1988 | 0 | 0 | 0 | 0 | 46 | 182 | 270 | 255 | 33 | 0 | 0 | 0 | 786 |
| 1989 | 0 | 0 | 0 | 0 | 7 | 55 | 199 | 141 | 27 | 0 | 0 | 0 | 429 |
| 1990 | 0 | 0 | 0 | 34 | 0 | 92 | 140 | 116 | 70 | 0 | 0 | 0 | 452 |
| 1991 | 0 | 0 | 0 | 8 | 115 | 155 | 171 | 177 | 60 | 0 | 0 | 0 | 686 |
| 1992 | 0 | 0 | 0 | 0 | 22 | 49 | 49 | 69 | 23 | 1 | 0 | 0 | 213 |
| 1993 | 0 | 0 | 0 | 0 | 13 | 48 | 173 | 187 | 11 | 0 | 0 | 0 | 432 |
| 1994 | 0 | 0 | 0 | 0 | 30 | 154 | 172 | 89 | 71 | 3 | 0 | 0 | 519 |
| 1995 | 0 | 0 | 0 | 0 | 3 | 224 | 265 | 282 | 33 | 1 | 0 | 0 | 808 |
| 1996 | 0 | 0 | 0 | 0 | 15 | 115 | 64 | 120 | 38 | 0 | 0 | 0 | 352 |
| 1997 | 0 | 0 | 0 | 0 | 0 | 70 | 103 | 55 | 20 | 7 | 0 | 0 | 255 |
| 1998 | 0 | 0 | 0 | 0 | 44 | 121 | 145 | 150 | 60 | 2 | 0 | 0 | 522 |
| 1999 | 0 | 0 | 0 | 0 | 15 | 122 | 237 | 66 | 40 | 0 | 0 | 0 | 480 |
| 2000 | 0 | 0 | 0 | 0 | 29 | 65 | 107 | 104 | 25 | 0 | 0 | 0 | 330 |
| 2001 | 0 | 0 | 0 | 2 | 16 | 113 | 202 | 190 | 23 | 0 | 0 | 0 | 546 |
| 2002 | 0 | 0 | 0 | 9 | 11 | 135 | 262 | 104 | 58 | 6 | 0 | 0 | 585 |
| 2003 | 0 | 0 | 0 | 0 | 0 | 46 | 113 | 142 | 49 | 1 | 0 | 0 | 351 |
| 2004 | 0 | 0 | 0 | 0 | 9 | 51 | 116 | 73 | 78 | 0 | 0 | 0 | 327 |
| 2005 | 0 | 0 | 0 | 1 | 3 | 203 | 186 | 147 | 77 | 31 | 0 | 0 | 648 |
| 2006 | 0 | 0 | 0 | 0 | 46 | 76 | 271 | 110 | 14 | 3 | 0 | 0 | 520 |
| 2007 | 0 | 0 | 2 | 3 | 46 | 124 | 168 | 160 | 80 | 33 | 0 | 0 | 616 |
| 2008 | 0 | 0 | 0 | 0 | 0 | 104 | 188 | 138 | 33 | 3 | 0 | 0 | 466 |
| 2009 | 0 | 0 | 0 | 0 | 6 | 106 | 49 | 92 | 22 | 0 | 0 | 0 | 275 |
| 2010 | 0 | 0 | 0 | 9 | 55 | 67 | 243 | 248 | 20 | 0 | 0 | 0 | 642 |
| 2011 | 0 | 0 | 0 | 0 | 22 | 71 | 320 | 139 | 33 | 6 | 0 | 0 | 591 |
| 2012 | 0 | 0 | 12 | 0 | 51 | 199 | 352 | 131 | 41 | 0 | 0 | 0 | 786 |
| 2013 | 0 | 0 | 0 | 5 | 33 | 105 | 198 | 137 | 55 | 2 | 0 | 0 | 535 |
| 2014 | 0 | 0 | 0 | 0 | 16 | 106 | 99 | 122 | 19 | 0 | 0 | 0 | 362 |
| 2015 | 0 | 0 | 0 | 0 | 28 | 67 | 176 | 131 | 113 | 2 | 0 | 0 | 517 |

SNOWFALL (inches) 2015 GREEN BAY (KGRB)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|----------------|-----|-----|-----|-----|------|------|------|------|------|------|-----|-----|-------|
| 1987-88 | 0.0 | 0.0 | 0.0 | T | 1.8 | 15.8 | 20.6 | 8.9 | 1.8 | 0.4 | 0.0 | 0.0 | 49.3 |
| 1988-89 | 0.0 | 0.0 | 0.0 | T | 11.5 | 5.8 | 1.5 | 8.6 | 24.2 | 0.3 | T | 0.0 | 51.9 |
| 1989-90 | 0.0 | 0.0 | 0.0 | 1.6 | 1.5 | 15.3 | 10.7 | 6.9 | 2.7 | 2.7 | 4.3 | 0.0 | 45.7 |
| 1990-91 | 0.0 | 0.0 | 0.0 | T | 1.2 | 26.9 | 8.8 | 6.9 | 5.3 | 7.5 | 0.0 | 0.0 | 56.6 |
| 1991-92 | 0.0 | 0.0 | 0.0 | T | 8.7 | 10.7 | 4.3 | 7.4 | 9.0 | 2.8 | 0.0 | T | 42.9 |
| 1992-93 | 0.0 | T | 0.0 | 1.2 | 8.5 | 15.5 | 11.8 | 5.6 | 7.2 | 7.2 | T | 0.0 | 57.0 |
| 1993-94 | 0.0 | T | 0.0 | T | 1.6 | 1.9 | 30.0 | 16.4 | 8.1 | 3.6 | 0.0 | 0.0 | 61.6 |
| 1994-95 | 0.0 | 0.0 | 0.0 | T | 1.3 | 4.3 | 9.8 | 6.8 | 7.1 | 1.9 | T | 0.0 | 31.2 |
| 1995-96 | 0.0 | 0.0 | T | T | 17.1 | 11.2 | 31.5 | 2.9 | 4.8 | 10.0 | T | 0.0 | 77.5 |
| 1996-97 | 0.0 | 0.0 | 0.0 | T | 3.7 | 19.4 | 17.2 | 15.5 | 20.7 | 0.3 | 0.2 | 0.0 | 77.0 |
| 1997-98 | 0.0 | 0.0 | 0.0 | 0.2 | 0.7 | 6.2 | 24.2 | 1.2 | 11.5 | 2.1 | 0.0 | 0.0 | 46.1 |
| 1998-99 | 0.0 | 0.0 | T | 0.0 | 0.3 | 5.4 | 21.2 | 2.2 | 4.4 | T | 0.0 | 0.0 | 33.5 |
| 1999-00 | 0.0 | 0.0 | T | 0.0 | 0.0 | 5.4 | 15.4 | 11.3 | 2.1 | 2.5 | 0.0 | 0.0 | 36.7 |
| 2000-01 | 0.0 | T | 0.0 | T | 7.8 | 28.9 | 5.6 | 7.8 | 4.7 | 1.9 | 0.0 | 0.0 | 56.7 |
| 2001-02 | 0.0 | 0.0 | 0.0 | T | T | 1.8 | 12.0 | 8.5 | 17.1 | 7.5 | T | T | 46.9 |
| 2002-03 | 0.0 | 0.0 | 0.0 | 1.8 | 0.9 | 3.3 | 9.6 | 9.2 | 9.1 | 5.0 | 0.0 | 0.0 | 38.9 |
| 2003-04 | 0.0 | 0.0 | 0.0 | T | 0.3 | 2.5 | 16.3 | 16.6 | 8.4 | 0.7 | T | 0.0 | 44.8 |
| 2004-05 | 0.0 | 0.0 | 0.0 | T | T | 14.7 | 17.8 | 11.1 | 12.0 | T | T | 0.0 | 55.6 |
| 2005-06 | 0.0 | 0.0 | 0.0 | T | 4.1 | 12.7 | 2.0 | 15.7 | 3.5 | 0.0 | T | 0.0 | 38.0 |
| 2006-07 | T | 0.0 | T | T | 1.5 | 4.3 | 9.8 | 18.0 | 8.9 | 6.8 | T | 0.0 | 49.3 |
| 2007-08 | 0.0 | 0.0 | 0.0 | T | 0.7 | 24.1 | 28.5 | 24.5 | 4.3 | 5.3 | 0.0 | 0.0 | 87.4 |
| 2008-09 | 0.0 | 0.0 | 0.0 | T | 6.7 | 45.6 | 10.2 | 15.7 | 9.1 | 0.4 | 0.0 | 0.0 | 87.7 |
| 2009-10 | 0.0 | 0.0 | 0.0 | T | T | 20.7 | 5.5 | 16.8 | 0.0 | 5.8 | 1.0 | 0.0 | 49.8 |
| 2010-11 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 22.2 | 19.1 | 17.8 | 22.3 | 10.9 | T | 0.0 | 92.6 |
| 2011-12 | 0.0 | 0.0 | 0.0 | T | 2.0 | 2.9 | 10.7 | 8.0 | 8.1 | T | T | 0.0 | 31.7 |
| 2012-13 | 0.0 | 0.0 | 0.0 | 0.0 | 1.5 | 22.8 | 14.8 | 18.9 | 8.4 | 7.8 | 0.0 | 0.0 | 74.2 |
| 2013- | 0.0 | 0.0 | 0.0 | T | 1.2 | 26.4 | | | | | | | |
| 2013-14 | 0.0 | 0.0 | 0.0 | T | 1.2 | 26.4 | 17.0 | 17.7 | 6.1 | 3.7 | 0.0 | 0.0 | 72.1 |
| 2014-15 | 0.0 | 0.0 | 0.0 | T | 8.2 | 3.5 | 8.8 | 8.0 | 4.2 | T | 0.0 | 0.0 | 32.7 |
| 2015- | 0.0 | 0.0 | 0.0 | T | 0.2 | 13.7 | | | | | | | |
| POR= 66 YRS | T | T | T | 0.1 | 4.0 | 11.8 | 12.1 | 9.6 | 8.7 | 2.7 | 0.1 | T | 49.1 |

WBAN : 14898

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 GREEN BAY WISCONSIN (KGRB)

The Green Bay climate is modified by surrounding topography. The modification is caused by the Bay of Green Bay, Lakes Michigan, and Superior, and to a lesser extent, the slightly higher surrounding terrain terminating in the Fox River Valley. The city of Green Bay is located at the mouth of the Fox River, one of the largest rivers flowing northward in the United States. It empties into the south end of the Bay.

The modified continental climate of Green Bay is shown by the few occurrences of 90 degree temperatures in the summer season and the few occurrences of sub-zero temperatures in the winter season. The narrow temperature range stems from the lake effects and the limited hours of sunshine caused by cloudiness.

Precipitation normally falls in the five-month period May through September. Three-fifths of the annual total is in the growing season, most often falling during thunderstorms. During the winter months, snowfall is less than in nearby communities where the ground is slightly higher.

The comparatively low range in temperature along with the greater portion of the precipitation falling during the growing season is conducive to the development of the dairy industry. Cherry and apple orchards are important crops in nearby lake communities. The growing of potatoes and canning vegetables are predominant inland. Paper products are the major manufacturing industry.

High winds, excessive precipitation, and electrical storms cause occasional damage. Snowstorms are the principal winter hazard. While the winters are long in Green Bay, the extremes are never as severe as the northern latitude location would indicate.

Based on the 1951-1980 period, the average first occurrence of 32 degrees Fahrenheit in the fall is October 2 and the average last occurrence in the spring is May 12.

Station History

GREEN BAY, WI

| NAME | Begin Date | End Date | Latitude | Longitude | Elevation Feet | Relocation | Platform |
|-----------------------------------|------------|------------|----------|-----------|----------------|------------|-------------------|
| GREEN BAY AUSTIN STRAUBEL FIELD | 1994-04-17 | 1996-07-01 | 44° 30' | -88° 7' | 702 | | COOP, WXSVC |
| GREEN BAY AUSTIN STRAUBEL FIELD | 1973-01-01 | 1982-01-01 | 44° 29' | -88° 8' | 682 | | COOP, WXSVC |
| GREEN BAY AUSTIN STRAUBEL FIELD | 1982-01-01 | 1991-01-29 | 44° 28' | -88° 7' | 682 | | COOP, WXSVC |
| GREEN BAY AUSTIN STRAUBEL FIELD | 1991-01-29 | 1994-04-05 | 44° 28' | -88° 7' | 702 | .5 MI NE | COOP, WXSVC |
| GREEN BAY AUSTIN STRAUBEL FIELD | 1994-04-05 | 1994-04-17 | 44° 30' | -88° 7' | 702 | 500 FT N | COOP, WXSVC |
| GREEN BAY AUSTIN STRAUBEL AIRPORT | 1949-08-15 | 1965-05-13 | 44° 29' | -88° 8' | 682 | 8.2 MI W | AIRWAYS, COOP |
| GREEN BAY AUSTIN STRAUBEL FIELD | 1965-05-13 | 1973-01-01 | 44° 29' | -88° 8' | 682 | 200 FT W | AIRWAYS, COOP |
| GREEN BAY AUSTIN STRAUBEL INTL AP | 1996-07-01 | 2003-09-10 | 44° 28' | -88° 8' | 687 | 1.7 MI SSW | ASOS, COOP, WXSVC |
| GREEN BAY AUSTIN STRAUBEL INTL AP | 2003-09-10 | 2009-03-13 | 44° 28' | -88° 8' | 687 | | ASOS, COOP, WXSVC |
| GREEN BAY AUSTIN STRAUBEL INTL AP | 2009-03-13 | Present | 44° 28' | -88° 8' | 687 | | ASOS, COOP, WXSVC |

Element History

| Element | Begin Date | End Date | Frequency | Time Of Observation | Equipment * | Equipment * Modifications | Equipment Exposure |
|-----------|------------|------------|---------------------|---------------------|-------------|---------------------------|--------------------|
| TEMPATOBS | 2000-06-14 | 2003-09-10 | TWICE DAILY - AM/PM | 1700 | | | |
| WIND | 2000-06-14 | 2005-08-26 | HOURLY | UNKN | ANEMCUP | | |
| WIND | 2009-03-13 | 2010-08-01 | HOURLY | UNKN | ANEMSONIC | | |
| WIND | 2009-03-13 | 2010-08-01 | DAILY | 2400 | REMOTE | | TOWER |
| PRECIP | 2009-03-13 | 2010-08-01 | DAILY | 2400 | PCPNX | | |
| WIND | 2010-08-01 | 2012-01-25 | DAILY | 2400 | REMOTE | | TOWER |
| PRECIP | 2012-01-25 | Present | DAILY | VAR | PCPNX | SHLD | |
| TEMP | 1949-08-15 | 1961-11-01 | DAILY | 2400 | HYGR | | |
| PRECIP | 2000-06-14 | 2005-08-26 | DAILY | 2400 | TB | RCRD | |
| TEMP | 2000-06-14 | 2005-08-26 | DAILY | 2400 | ATEMP | | |
| TEMP | 2009-03-13 | 2010-08-01 | DAILY | 2400 | ATEMP | | |
| WIND | 2012-01-25 | Present | DAILY | VAR | REMOTE | | TOWER |
| PRECIP | 1996-07-01 | 2000-06-14 | HOURLY | 2400 | TB | RCRD | |
| PRECIP | 2000-06-14 | 2005-08-26 | HOURLY | 2400 | TB | RCRD | |
| PRECIP | 2005-08-26 | 2009-03-13 | DAILY | 2400 | TB | RCRD | |
| TEMP | 2005-08-26 | 2009-03-13 | DAILY | 2400 | ATEMP | | |
| PRECIP | 2009-03-13 | 2010-08-01 | HOURLY | 2400 | AWPAG | SHLD; RCRD; HTD | |
| TEMP | 2010-08-01 | 2012-01-25 | DAILY | 2400 | ATEMP | | |
| PRECIP | 1961-11-01 | 1995-07-01 | HOURLY | 2400 | | | |
| TEMP | 1961-11-01 | 1995-07-01 | DAILY | 2400 | HYGR | | |
| PRECIP | 1961-11-01 | 1995-07-01 | DAILY | 2400 | UNIV | RCRD | |
| PRECIP | 1995-07-01 | 1996-07-01 | DAILY | 2400 | UNIV | RCRD | |
| PRECIP | 2005-08-26 | 2009-03-13 | HOURLY | 2400 | TB | RCRD | |
| WIND | 1996-07-01 | 2000-06-14 | HOURLY | UNKN | ANEMCUP | | |
| PRECIP | 2010-08-01 | 2012-01-25 | HOURLY | 2400 | AWPAG | SHLD; RCRD; HTD | |
| PRECIP | 1996-07-01 | 2000-06-14 | DAILY | 2400 | TB | RCRD | |
| TEMP | 2012-01-25 | Present | DAILY | VAR | ATEMP | | |
| PRECIP | 2012-01-25 | Present | HOURLY | VAR | AWPAG | SHLD; RCRD; HTD | |
| TEMP | 1996-07-01 | 2000-06-14 | DAILY | 2400 | ATEMP | | |
| TEMPATOBS | 2000-06-14 | 2003-09-10 | TWICE DAILY - AM/PM | 0800 | | | |
| WIND | 2005-08-26 | 2009-03-13 | HOURLY | UNKN | ANEMSONIC | | |
| WIND | 2010-08-01 | 2012-01-25 | HOURLY | UNKN | ANEMSONIC | | |
| PRECIP | 2010-08-01 | 2012-01-25 | DAILY | 2400 | PCPNX | SHLD | |
| PRECIP | 1949-08-15 | 1961-11-01 | DAILY | 2400 | UNIV | RCRD | |
| PRECIP | 1995-07-01 | 1996-07-01 | HOURLY | 2400 | UNIV | RCRD | |
| TEMP | 1995-07-01 | 1996-07-01 | DAILY | 2400 | HYGR | | |
| WIND | 2012-01-25 | 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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