

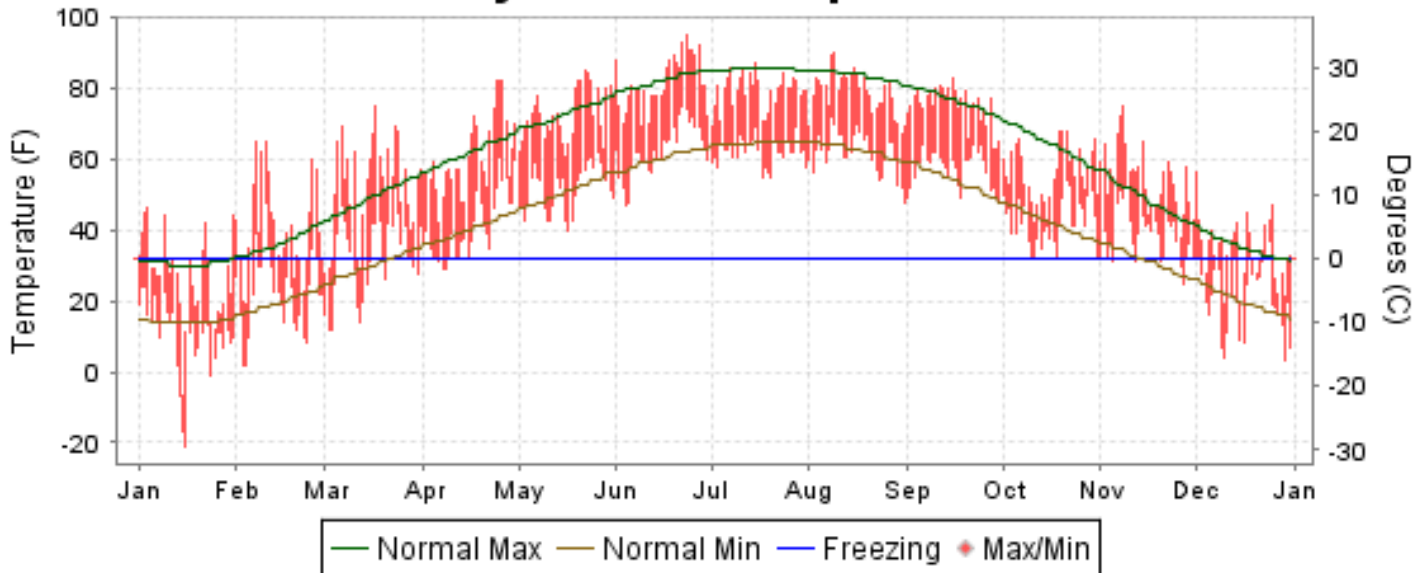


2009 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

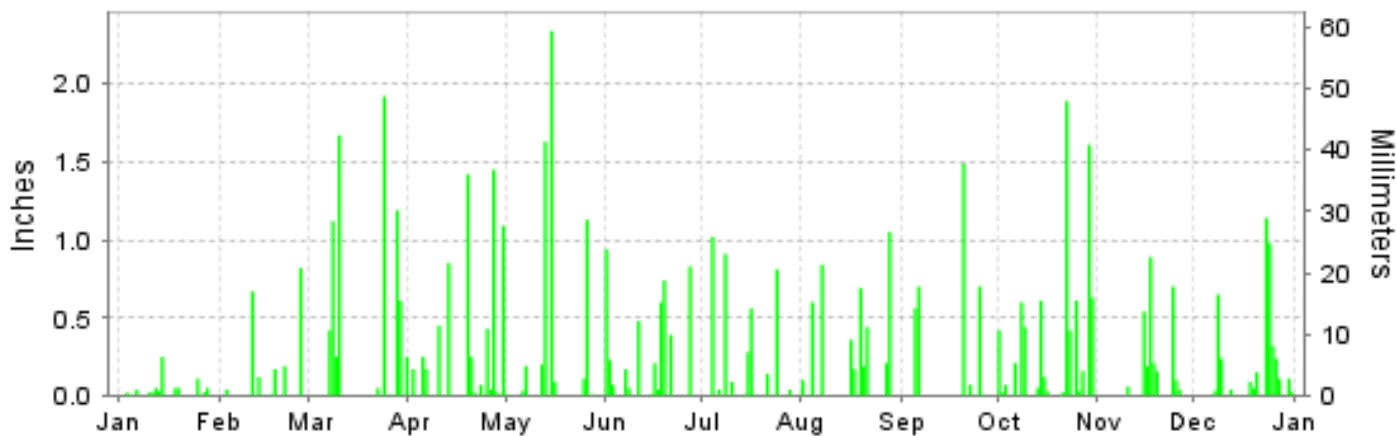
ISSN 0198-1889

PEORIA, ILLINOIS (KPIA)

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 2009

PEORIA (KPIA)

LATITUDE: 40 ° 40'N LONGITUDE: -89 ° 41'W ELEVATION (FT): GRND: 652 BARO: 716 TIME ZONE: CENTRAL (UTC -6) WBAN: 14842

| ELEMENT | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR | |
|--------------------------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-----------|---|
| TEMPERATURE °F | MEAN DAILY MAXIMUM | 27.0 | 40.5 | 52.4 | 60.9 | 72.8 | 81.8 | 79.2 | 78.9 | 75.1 | 56.3 | 54.7 | 34.4 | 59.5 | |
| | HIGHEST DAILY MAXIMUM | 46 | 65 | 75 | 82 | 85 | 95 | 87 | 90 | 83 | 68 | 75 | 56 | 95 | |
| | DATE OF OCCURRENCE | 04 | 10+ | 17 | 26+ | 22 | 23 | 15 | 09 | 15 | 21+ | 08 | 01 | JUN 23 | |
| | MEAN DAILY MINIMUM | 9.9 | 22.1 | 32.5 | 40.9 | 51.6 | 62.9 | 62.1 | 62.0 | 57.4 | 42.3 | 38.5 | 21.2 | 42.0 | |
| | LOWEST DAILY MINIMUM | -21 | 2 | 12 | 29 | 40 | 47 | 55 | 48 | 48 | 32 | 25 | 3 | -21 | |
| | DATE OF OCCURRENCE | 16 | 04+ | 03+ | 08+ | 17 | 04 | 20+ | 31 | 30 | 18+ | 27 | 29 | JAN 16 | |
| | AVERAGE DRY BULB | 18.5 | 31.3 | 42.5 | 50.9 | 62.2 | 72.4 | 70.7 | 70.5 | 66.3 | 49.3 | 46.6 | 27.8 | 50.8 | |
| | MEAN WET BULB | 16.5 | 28.1 | 37.5 | 45.2 | 54.8 | 64.8 | 64.1 | 64.8 | 60.3 | 45.9 | 42.3 | 25.7 | 45.8 | |
| | MEAN DEW POINT | 10.9 | 22.2 | 30.1 | 38.1 | 48.1 | 60.4 | 59.8 | 61.6 | 56.4 | 41.9 | 37.2 | 20.8 | 40.6 | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | MAXIMUM >= 90° | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 6 |
| MAXIMUM <= 32° | 2 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 24 | | |
| MINIMUM <= 32° | 31 | 23 | 15 | 6 | 0 | 0 | 0 | 0 | 0 | 3 | 8 | 28 | 114 | | |
| MINIMUM <= 0° | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | | |
| H/C | HEATING DEGREE DAYS | 1436 | 937 | 690 | 427 | 122 | 13 | 3 | 14 | 36 | 477 | 544 | 1149 | 5848 | |
| | COOLING DEGREE DAYS | 0 | 0 | 0 | 12 | 40 | 241 | 186 | 191 | 83 | 0 | 0 | 0 | 753 | |
| RH | MEAN (PERCENT) | 72 | 71 | 64 | 63 | 62 | 70 | 71 | 76 | 74 | 77 | 72 | 75 | 71 | |
| | HOUR 00 LST | 75 | 76 | 70 | 69 | 72 | 77 | 80 | 85 | 82 | 82 | 76 | 78 | 77 | |
| | HOUR 06 LST | 76 | 79 | 76 | 77 | 75 | 81 | 84 | 87 | 88 | 86 | 80 | 81 | 81 | |
| | HOUR 12 LST | 67 | 62 | 55 | 54 | 52 | 62 | 59 | 62 | 60 | 69 | 63 | 69 | 61 | |
| | HOUR 18 LST | 71 | 66 | 56 | 55 | 50 | 58 | 60 | 68 | 66 | 73 | 68 | 72 | 64 | |
| S | PERCENT POSSIBLE SUNSHINE | | | | | | | | | | | | | | |
| W/O | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | HEAVY FOG(VISBY <= 1/4 MI) | 4 | 1 | 1 | 0 | 2 | 1 | 0 | 2 | 6 | 0 | 1 | 1 | 19 | |
| | THUNDERSTORMS | 0 | 1 | 1 | 5 | 4 | 7 | 3 | 6 | 1 | 2 | 0 | 0 | 30 | |
| CLOUDNESS | SUNRISE-SUNSET: (OKTAS) | | | | | | | | | | | | | | |
| | CEILOMETER (<= 12,000 FT.) | | | | | | | | | | | | | | |
| | SATELLITE (> 12,000 FT.) | | | | | | | | | | | | | | |
| | MIDNIGHT-MIDNIGHT: (OKTAS) | | | | | | | | | | | | | | |
| | CEILOMETER (<= 12,000 FT.) | | | | | | | | | | | | | | |
| SATELLITE (> 12,000 FT.) | | | | | | | | | | | | | | | |
| NUMBER OF DAYS WITH: | | | | | | | | | | | | | | | |
| CLEAR | | | | | | | | | | | | | | | |
| PARTLY CLOUDY | | | | | | | | | | | | | | | |
| CLOUDY | | | | | | | | | | | | | | | |
| PR | MEAN STATION PRESS. (IN.) | 29.38 | 29.39 | 29.36 | 29.24 | 29.28 | 29.16 | 29.26 | 29.30 | 29.37 | 29.26 | 29.35 | 29.31 | 29.31 | |
| | MEAN SEA-LEVEL PRESS. (IN.) | 30.12 | 30.13 | 30.08 | 29.95 | 29.99 | 29.86 | 29.96 | 30.01 | 30.08 | 29.97 | 30.07 | 30.07 | 30.02 | |
| WINDS | RESULTANT SPEED (MPH) | 2.4 | 2.5 | 2.1 | 1.3 | 1.7 | 0.2 | 0.5 | 2.4 | 2.9 | 2.1 | 1.4 | 3.3 | 0.9 | |
| | RES. DIR. (TENS OF DEGS.) | 27 | 25 | 15 | 06 | 21 | 22 | 27 | 21 | 06 | 20 | 15 | 22 | 21 | |
| | MEAN SPEED (MPH) | 7.8 | 9.3 | 9.2 | 9.6 | 6.7 | 6.1 | 5.0 | 6.0 | 5.3 | 7.7 | 7.8 | 9.2 | 7.5 | |
| | PREVAIL.DIR.(TENS OF DEGS.) | 30 | 18 | 14 | 07 | 18 | 05 | 30 | 19 | 06 | 19 | 18 | 18 | 06 | |
| | MAXIMUM 2-MINUTE WIND | | | | | | | | | | | | | | |
| | SPEED (MPH) | 28 | 32 | 41 | 30 | 31 | 44 | 28 | 39 | 26 | 29 | 28 | 33 | 44 | |
| | DIR. (TENS OF DEGS.) | 19 | 18 | 19 | 18 | 18 | 27 | 01 | 19 | 28 | 26 | 07 | 26 | 27 | |
| | DATE OF OCCURRENCE | 17 | 26 | 24 | 26 | 13 | 18 | 24 | 19 | 28 | 30 | 17 | 09 | JUN 18 | |
| | MAXIMUM 3-SECOND WIND: | | | | | | | | | | | | | | |
| | SPEED (MPH) | 37 | 41 | 58 | 51 | 39 | 58 | 41 | 59 | 39 | 40 | 37 | 47 | 59 | |
| DIR. (TENS OF DEGS.) | 30 | 30 | 27 | 13 | 20 | 27 | 03 | 23 | 30 | 28 | 07 | 26 | 23 | | |
| DATE OF OCCURRENCE | 17 | 11 | 08 | 23 | 13 | 18 | 24 | 21 | 27 | 30 | 17 | 09 | AUG 21 | | |
| PRECIPITATION | WATER EQUIVALENT: | | | | | | | | | | | | | | |
| | TOTAL (IN.) | 0.72 | 2.02 | 7.49 | 6.68 | 5.74 | 4.76 | 3.91 | 4.65 | 3.53 | 7.95 | 2.89 | 4.17 | 54.51 | |
| | GREATEST 24-HOUR (IN.) | 0.25 | 0.82 | 1.92 | 1.47 | 2.43 | 0.94 | 1.02 | 1.26 | 1.49 | 2.24 | 0.95 | 1.23 | 2.43 | |
| | DATE OF OCCURRENCE | 14 | 26 | 24 | 27-28 | 15-16 | 01 | 04 | 27-28 | 20 | 22-23 | 16-17 | 23-24 | MAY 15-16 | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | PRECIPITATION 0.01 | 13 | 7 | 10 | 14 | 10 | 13 | 11 | 10 | 6 | 19 | 9 | 14 | 136 | |
| PRECIPITATION 0.10 | 1 | 4 | 8 | 10 | 6 | 9 | 6 | 10 | 4 | 12 | 7 | 9 | 86 | | |
| PRECIPITATION 1.00 | 0 | 0 | 4 | 3 | 3 | 0 | 1 | 1 | 1 | 2 | 0 | 1 | 16 | | |
| SNOWFALL | SNOW,ICE PELLETS,HAIL | | | | | | | | | | | | | | |
| | TOTAL (IN.) | 12.9 | 3.5 | 4.9 | 1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 14.6 | 37.7 | |
| | GREATEST 24-HOUR (IN.) | 5.7 | 1.8 | 4.9 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 5.4 | 5.7 | |
| | DATE OF OCCURRENCE | 14 | 21 | 29 | 06 | | | | | | | 26 | 26 | JAN 14 | |
| | MAXIMUM SNOW DEPTH (IN.) | 6 | 3 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 6 | |
| | DATE OF OCCURRENCE | 14 | 04+ | 29 | 06 | | | | | | | | 28+ | DEC 28+ | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| SNOWFALL >= 1.0 | 5 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 14 | | |

NORMALS, MEANS, AND EXTREMES PEORIA (KPIA)

LATITUDE:
40 ° 40'N

LONGITUDE:
-89 ° 41'W

ELEVATION (FT):
GRND: 652 BARO: 716

TIME ZONE:
CENTRAL (UTC -6)

WBAN: 14842

| ELEMENT | | POR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-----------------------|--|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| TEMPERATURE °F | NORMAL DAILY MAXIMUM | 30 | 30.7 | 36.6 | 49.4 | 62.0 | 73.0 | 82.2 | 85.7 | 83.6 | 76.7 | 64.4 | 48.8 | 35.5 | 60.7 |
| | MEAN DAILY MAXIMUM | 117 | 32.3 | 35.8 | 48.5 | 61.4 | 73.0 | 82.1 | 86.6 | 84.5 | 77.1 | 65.2 | 49.2 | 36.2 | 61.0 |
| | HIGHEST DAILY MAXIMUM | 71 | 70 | 72 | 86 | 92 | 94 | 105 | 104 | 103 | 100 | 93 | 81 | 71 | 105 |
| | YEAR OF OCCURRENCE | | 1989 | 1976 | 1986 | 1986 | 2006 | 1988 | 2005 | 1988 | 1953 | 2006 | 1950 | 1982 | JUN 1988 |
| | MEAN OF EXTREME MAXS. | 117 | 53.3 | 57.9 | 72.9 | 82.0 | 88.1 | 94.1 | 96.3 | 94.8 | 91.2 | 83.1 | 70.5 | 57.4 | 78.5 |
| | NORMAL DAILY MINIMUM | 30 | 14.3 | 19.7 | 30.2 | 40.3 | 50.8 | 60.1 | 64.6 | 62.6 | 54.0 | 42.3 | 31.4 | 20.1 | 40.9 |
| | MEAN DAILY MINIMUM | 117 | 16.5 | 19.5 | 30.1 | 40.7 | 51.2 | 60.6 | 65.0 | 63.2 | 55.1 | 43.7 | 31.9 | 21.2 | 41.6 |
| | LOWEST DAILY MINIMUM | 71 | -25 | -19 | -10 | 14 | 25 | 39 | 47 | 41 | 26 | 19 | -2 | -23 | -25 |
| | YEAR OF OCCURRENCE | | 1977 | 1996 | 1960 | 1982 | 1966 | 1993 | 1972 | 1986 | 1942 | 1972 | 1977 | 1989 | JAN 1977 |
| | MEAN OF EXTREME MINS. | 117 | -6.5 | -1.3 | 11.0 | 25.6 | 35.7 | 46.8 | 53.3 | 50.8 | 38.6 | 27.2 | 14.3 | -1.0 | 24.5 |
| | NORMAL DRY BULB | 30 | 22.5 | 28.2 | 39.8 | 51.2 | 61.9 | 71.1 | 75.1 | 73.1 | 65.4 | 53.4 | 40.1 | 27.8 | 50.8 |
| | MEAN DRY BULB | 117 | 24.4 | 27.6 | 39.3 | 51.1 | 62.1 | 71.4 | 75.8 | 73.8 | 66.2 | 54.5 | 40.5 | 28.7 | 51.3 |
| | MEAN WET BULB | 26 | 22.9 | 26.2 | 35.3 | 45.2 | 55.1 | 64.0 | 68.1 | 66.8 | 58.9 | 47.6 | 36.8 | 26.4 | 46.1 |
| | MEAN DEW POINT | 26 | 19.9 | 23.1 | 31.1 | 40.4 | 51.5 | 61.1 | 65.8 | 64.6 | 55.9 | 44.1 | 33.7 | 23.6 | 42.9 |
| | NORMAL NO. DAYS WITH: MAXIMUM >= 90 | 30 | 0.0 | 0.0 | 0.0 | 0.1 | 0.5 | 4.4 | 8.6 | 5.8 | 1.9 | 0.0 | 0.0 | 0.0 | 21.3 |
| | MAXIMUM <= 32 | 30 | 16.4 | 10.6 | 2.7 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 11.0 | 42.9 |
| | MINIMUM <= 32 | 30 | 29.2 | 24.3 | 18.1 | 5.4 | 0.3 | 0.0 | 0.0 | 0.0 | 0.1 | 4.4 | 16.8 | 26.7 | 125.3 |
| | MINIMUM <= 0 | 30 | 5.8 | 3.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 2.6 | 11.7 |
| H/C | NORMAL HEATING DEG. DAYS | 30 | 1316 | 1045 | 788 | 423 | 159 | 19 | 2 | 7 | 94 | 368 | 738 | 1138 | 6097 |
| | NORMAL COOLING DEG. DAYS | 30 | 0 | 0 | 1 | 11 | 64 | 210 | 325 | 263 | 112 | 12 | 0 | 0 | 998 |
| RH | NORMAL (PERCENT) | 30 | 76 | 75 | 70 | 65 | 67 | 69 | 73 | 75 | 73 | 71 | 75 | 79 | 72 |
| | HOURLY 00 LST | 30 | 80 | 80 | 75 | 72 | 76 | 78 | 83 | 85 | 83 | 79 | 80 | 82 | 79 |
| | HOURLY 06 LST | 30 | 81 | 82 | 81 | 79 | 82 | 83 | 88 | 90 | 89 | 85 | 84 | 84 | 84 |
| | HOURLY 12 LST | 30 | 70 | 68 | 60 | 55 | 57 | 57 | 59 | 62 | 58 | 57 | 66 | 72 | 62 |
| | HOURLY 18 LST | 30 | 74 | 72 | 62 | 55 | 57 | 57 | 61 | 65 | 63 | 64 | 71 | 77 | 65 |
| S | PERCENT POSSIBLE SUNSHINE | 52 | 47 | 50 | 51 | 55 | 60 | 67 | 69 | 67 | 64 | 61 | 43 | 42 | 56 |
| W/O | MEAN NO. DAYS WITH: HEAVY FOG (VISIB <= 1/4 MI) | 46 | 3.0 | 2.5 | 2.0 | 0.8 | 1.0 | 0.6 | 1.0 | 1.4 | 1.5 | 1.7 | 1.9 | 3.7 | 21.1 |
| | THUNDERSTORMS | 104 | 0.5 | 0.6 | 2.6 | 4.6 | 6.8 | 8.3 | 7.6 | 6.8 | 4.7 | 2.3 | 1.3 | 0.5 | 46.6 |
| CLOUDNESS | MEAN: SUNRISE-SUNSET (OKTAS) | | | | | | | | | | | | | | |
| | MIDNIGHT-MIDNIGHT (OKTAS) | | | | | | | | | | | | | | |
| | MEAN NO. DAYS WITH: CLEAR | | | | | | | | | | | | | | |
| | PARTLY CLOUDY CLOUDY | | | | | | | | | | | | | | |
| PR | MEAN STATION PRESSURE (IN) | 26 | 29.38 | 29.38 | 29.33 | 29.25 | 29.25 | 29.25 | 29.29 | 29.32 | 29.34 | 29.35 | 29.35 | 29.39 | 29.32 |
| | MEAN SEA-LEVEL PRES. (IN) | 26 | 30.13 | 30.12 | 30.05 | 29.96 | 29.96 | 29.95 | 29.98 | 30.02 | 30.04 | 30.06 | 30.07 | 30.12 | 30.04 |
| WINDS | MEAN SPEED (MPH) | 26 | 9.8 | 9.6 | 10.4 | 10.3 | 8.6 | 7.5 | 6.7 | 6.2 | 6.7 | 8.2 | 9.4 | 9.3 | 8.6 |
| | PREVAIL. DIR. (TENS OF DEGS) | 41 | 30 | 31 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
| | MAXIMUM 2-MINUTE: SPEED (MPH) | 15 | 38 | 39 | 54 | 45 | 45 | 44 | 37 | 44 | 35 | 44 | 44 | 33 | 54 |
| | DIR. (TENS OF DEGS) | | 23 | 25 | 23 | 24 | 21 | 27 | 32 | 27 | 26 | 27 | 23 | 26 | 23 |
| | YEAR OF OCCURRENCE | | 1996 | 2001 | 1998 | 1997 | 2003 | 2009 | 2003 | 2008 | 2001 | 1996 | 1998 | 2009 | MAR 1998 |
| | MAXIMUM 3-SECOND SPEED (MPH) | 15 | 48 | 52 | 64 | 56 | 64 | 59 | 51 | 59 | 60 | 60 | 58 | 47 | 64 |
| | DIR. (TENS OF DEGS) | | 28 | 28 | 20 | 24 | 23 | 22 | 32 | 23 | 27 | 23 | 24 | 26 | 23 |
| | YEAR OF OCCURRENCE | | 2008 | 2001 | 1998 | 1997 | 2003 | 2001 | 2003 | 2009 | 2007 | 1996 | 1998 | 2009 | MAY 2003 |
| PRECIPITATION | NORMAL (IN) | 30 | 1.50 | 1.67 | 2.83 | 3.56 | 4.17 | 3.84 | 4.02 | 3.16 | 3.12 | 2.77 | 2.99 | 2.40 | 36.03 |
| | MAXIMUM MONTHLY (IN) | 71 | 8.11 | 5.37 | 7.49 | 8.66 | 10.19 | 11.69 | 10.15 | 8.61 | 13.09 | 10.80 | 7.62 | 6.34 | 13.09 |
| | YEAR OF OCCURRENCE | | 1965 | 1997 | 2009 | 1947 | 1995 | 1974 | 1993 | 1965 | 1961 | 1941 | 1985 | 1949 | SEP 1961 |
| | MINIMUM MONTHLY (IN) | 71 | 0.22 | 0.33 | 0.39 | 0.71 | .69 | 0.60 | 0.33 | 0.25 | 0.03 | 0.03 | 0.22 | 0.32 | 0.03 |
| | YEAR OF OCCURRENCE | | 1986 | 1947 | 1958 | 1971 | 2005 | 1988 | 1988 | 1992 | 1979 | 1964 | 1999 | 1995 | SEP 1979 |
| | MAXIMUM IN 24 HOURS (IN) | 71 | 4.45 | 3.34 | 3.39 | 5.06 | 3.62 | 4.44 | 4.22 | 4.32 | 4.72 | 3.70 | 4.32 | 3.38 | 5.06 |
| | YEAR OF OCCURRENCE | | 1965 | 1997 | 1944 | 1950 | 1956 | 1974 | 1993 | 1955 | 2008 | 1969 | 1990 | 1949 | APR 1950 |
| | NORMAL NO. DAYS WITH: PRECIPITATION >= 0.01 | 30 | 9.9 | 8.4 | 10.9 | 11.7 | 11.6 | 9.6 | 9.2 | 9.3 | 8.4 | 9.2 | 10.2 | 10.1 | 118.5 |
| PRECIPITATION >= 1.00 | 30 | 0.2 | 0.3 | 0.4 | 0.8 | 1.0 | 0.8 | 1.3 | 0.8 | 0.9 | 0.6 | 0.6 | 0.6 | 8.3 | |
| SNOWFALL | NORMAL (IN) | 30 | 8.2 | 5.6 | 3.2 | 1.0 | 0.* | 0.0 | 0.0 | 0.0 | 0.0 | 0.* | 2.1 | 7.1 | 27.2 |
| | MAXIMUM MONTHLY (IN) | 66 | 24.7 | 17.0 | 16.9 | 13.4 | 0.1 | T | T | T | T | 1.8 | 9.1 | 21.7 | 24.7 |
| | YEAR OF OCCURRENCE | | 1979 | 2008 | 1960 | 1982 | 1966 | 2000 | 1990 | | 1992 | 1967 | 1974 | 1977 | JAN 1979 |
| | MAXIMUM IN 24 HOURS (IN) | 66 | 12.2 | 7.6 | 9.0 | 6.1 | 0.1 | T | T | 0.0 | T | 1.8 | 7.2 | 10.2 | 12.2 |
| | YEAR OF OCCURRENCE | | 1979 | 1944 | 1946 | 1982 | 1966 | 2000 | 1990 | | 1992 | 1967 | 1951 | 1973 | JAN 1979 |
| | MAXIMUM SNOW DEPTH (IN) | 103 | 20 | 17 | 10 | 10 | 0 | 0 | 0 | 0 | 1 | 3 | 7 | 13 | 20 |
| | YEAR OF OCCURRENCE | | 1979 | 1979 | 1960 | 1982 | | | | | 1942 | 1929 | 1975 | 1973 | JAN 1979 |
| | NORMAL NO. DAYS WITH: SNOWFALL >= 1.0 | 30 | 2.6 | 1.8 | 1.1 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 1.9 | 8.2 |

PRECIPITATION (inches) 2009 PEORIA (KPIA)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------------|------|------|------|------|-------|------|-------|------|-------|------|------|------|--------|
| 1980 | 0.59 | 1.06 | 2.79 | 2.78 | 2.05 | 8.94 | 1.43 | 6.16 | 4.09 | 2.44 | 0.67 | 2.25 | 35.25 |
| 1981 | 0.48 | 2.41 | 0.92 | 5.71 | 5.77 | 6.22 | 7.08 | 5.61 | 1.31 | 1.37 | 1.64 | 1.24 | 39.76 |
| 1982 | 2.88 | 1.13 | 4.80 | 5.40 | 3.15 | 3.15 | 7.53 | 3.97 | 1.24 | 1.47 | 4.95 | 5.45 | 45.12 |
| 1983 | 0.53 | 1.01 | 2.84 | 7.06 | 6.66 | 4.48 | 1.99 | 1.09 | 5.08 | 3.01 | 5.58 | 2.65 | 41.98 |
| 1984 | 0.59 | 2.28 | 3.95 | 5.18 | 4.84 | 2.90 | 5.02 | 0.78 | 2.38 | 5.07 | 3.95 | 3.82 | 40.76 |
| 1985 | 0.99 | 2.62 | 5.77 | 1.14 | 3.14 | 5.11 | 3.43 | 3.70 | 3.43 | 4.61 | 7.62 | 2.24 | 43.80 |
| 1986 | 0.22 | 1.79 | 0.87 | 1.39 | 2.95 | 6.53 | 7.00 | 1.74 | 6.39 | 4.64 | 1.32 | 2.60 | 37.44 |
| 1987 | 1.49 | 0.84 | 1.98 | 1.84 | 1.69 | 3.27 | 2.90 | 4.02 | 1.62 | 0.73 | 2.88 | 4.15 | 27.41 |
| 1988 | 1.99 | 0.71 | 2.83 | 1.59 | 1.68 | 0.60 | 0.33 | 2.11 | 2.82 | 1.08 | 4.19 | 2.23 | 22.16 |
| 1989 | 1.00 | 1.17 | 1.14 | 4.39 | 2.23 | 1.28 | 2.22 | 2.86 | 2.87 | 1.57 | 0.93 | 0.87 | 22.53 |
| 1990 | 1.73 | 3.59 | 3.95 | 2.32 | 6.19 | 7.99 | 9.18 | 5.31 | 1.03 | 3.17 | 7.19 | 3.70 | 55.35 |
| 1991 | 1.19 | 0.57 | 3.67 | 2.97 | 5.94 | 1.50 | 0.35 | 3.41 | 3.59 | 7.31 | 3.57 | 2.06 | 36.13 |
| 1992 | 1.06 | 1.55 | 2.58 | 1.61 | 0.82 | 0.80 | 8.19 | 0.25 | 5.81 | 1.33 | 5.58 | 2.99 | 32.57 |
| 1993 | 3.55 | 1.68 | 4.08 | 4.89 | 3.25 | 5.70 | 10.15 | 7.38 | 7.56 | 2.42 | 2.22 | 1.19 | 54.07 |
| 1994 | 0.92 | 1.98 | 0.66 | 3.86 | 1.52 | 1.81 | 1.37 | 2.92 | 1.27 | 3.19 | 3.49 | 2.21 | 25.20 |
| 1995 | 2.83 | 0.54 | 1.56 | 4.77 | 10.19 | 1.57 | 2.83 | 1.95 | 1.47 | 3.23 | 2.48 | 0.32 | 33.74 |
| 1996 | 1.44 | 0.82 | 2.04 | 2.55 | 7.60 | 2.08 | 4.57 | 1.03 | 1.62 | 2.51 | 2.16 | 1.06 | 29.48 |
| 1997 | 1.05 | 5.37 | 1.68 | 2.76 | 2.65 | 1.38 | 0.89 | 6.10 | 3.13 | 2.29 | 2.85 | 1.69 | 31.84 |
| 1998 | 2.55 | 2.64 | 4.67 | 4.96 | 5.50 | 5.19 | 1.64 | 5.26 | 2.30 | 3.21 | 2.63 | 1.75 | 42.30 |
| 1999 | 3.07 | 1.16 | 0.94 | 4.31 | 4.92 | 3.21 | 4.22 | 2.78 | 1.54 | 1.35 | 0.22 | 2.55 | 30.27 |
| 2000 | 0.80 | 1.82 | 1.63 | 2.53 | 4.04 | 3.76 | 1.95 | 0.91 | 2.64 | 1.95 | 3.22 | 0.96 | 26.21 |
| 2001 | 3.29 | 2.82 | 1.09 | 4.21 | 5.33 | 2.79 | 1.46 | 4.24 | 4.15 | 5.08 | 1.90 | 1.35 | 37.71 |
| 2002 | 2.81 | 1.15 | 1.82 | 4.61 | 6.80 | 4.24 | 2.18 | 4.57 | 0.78 | 1.46 | 0.68 | 2.21 | 33.31 |
| 2003 | 0.47 | 0.77 | 1.97 | 2.63 | 3.94 | 4.45 | 5.73 | 2.44 | 1.53 | 1.78 | 3.38 | 1.92 | 31.01 |
| 2004 | 0.67 | 0.52 | 3.07 | 2.20 | 5.44 | 2.99 | 3.94 | 4.92 | 0.99 | 4.25 | 4.06 | 1.40 | 34.45 |
| 2005 | 4.18 | 1.73 | 1.65 | 1.82 | 0.69 | 0.87 | 2.39 | 1.87 | 3.91 | 1.48 | 3.52 | 1.31 | 25.42 |
| 2006 | 3.40 | 0.56 | 3.10 | 5.18 | 1.29 | 1.99 | 2.04 | 3.53 | 1.67 | 2.17 | 3.86 | 3.14 | 31.93 |
| 2007 | 2.40 | 2.56 | 5.79 | 4.35 | 2.62 | 3.73 | 2.74 | 4.12 | 1.53 | 1.94 | 1.84 | 3.40 | 37.02 |
| 2008 | 3.22 | 3.94 | 2.05 | 2.70 | 5.21 | 5.02 | 3.68 | 1.04 | 12.34 | 2.12 | 1.17 | 4.05 | 46.54 |
| 2009 | 0.72 | 2.02 | 7.49 | 6.68 | 5.74 | 4.76 | 3.91 | 4.65 | 3.53 | 7.95 | 2.89 | 4.17 | 54.51 |
| POR= 117 YRS | 1.83 | 1.65 | 2.87 | 3.66 | 4.02 | 3.74 | 3.73 | 3.14 | 3.66 | 2.52 | 2.44 | 2.00 | 35.26 |

WBAN : 14842

AVERAGE TEMPERATURE (°F) 2009 PEORIA (KPIA)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1980 | 23.6 | 19.9 | 35.6 | 49.2 | 63.0 | 69.3 | 78.5 | 76.9 | 67.9 | 49.6 | 40.7 | 28.9 | 50.3 |
| 1981 | 23.7 | 27.8 | 40.7 | 55.4 | 58.7 | 73.2 | 75.4 | 72.8 | 65.9 | 53.4 | 45.0 | 27.3 | 51.6 |
| 1982 | 15.8 | 24.8 | 37.7 | 46.5 | 68.4 | 67.2 | 75.7 | 71.3 | 64.9 | 55.0 | 41.5 | 37.4 | 50.5 |
| 1983 | 28.2 | 33.5 | 40.3 | 46.8 | 58.6 | 72.6 | 80.2 | 80.8 | 67.9 | 55.3 | 44.9 | 15.2 | 52.0 |
| 1984 | 20.6 | 35.5 | 31.3 | 49.6 | 58.8 | 74.3 | 73.0 | 74.9 | 64.0 | 57.6 | 40.3 | 33.9 | 51.2 |
| 1985 | 16.8 | 23.2 | 43.8 | 57.0 | 64.3 | 68.7 | 73.7 | 70.2 | 66.6 | 55.5 | 39.0 | 18.6 | 49.8 |
| 1986 | 26.6 | 23.5 | 43.2 | 55.4 | 64.0 | 72.3 | 77.4 | 68.9 | 68.9 | 55.2 | 36.2 | 30.9 | 51.9 |
| 1987 | 25.2 | 35.7 | 44.1 | 54.1 | 68.4 | 74.0 | 79.0 | 73.7 | 65.7 | 48.0 | 44.6 | 32.4 | 53.7 |
| 1988 | 22.7 | 23.5 | 39.9 | 51.1 | 65.4 | 73.1 | 78.6 | 78.5 | 68.2 | 48.2 | 41.5 | 29.7 | 51.7 |
| 1989 | 33.9 | 18.7 | 39.2 | 50.7 | 59.1 | 69.8 | 75.3 | 72.4 | 62.2 | 54.9 | 39.8 | 16.2 | 49.4 |
| 1990 | 34.8 | 33.7 | 43.4 | 50.0 | 57.8 | 71.0 | 72.6 | 72.1 | 66.1 | 51.9 | 45.2 | 27.7 | 52.2 |
| 1991 | 21.5 | 32.4 | 42.8 | 55.8 | 68.0 | 74.7 | 75.4 | 74.3 | 65.4 | 53.9 | 36.0 | 32.0 | 52.7 |
| 1992 | 30.1 | 35.6 | 42.3 | 50.0 | 61.0 | 69.7 | 72.4 | 68.6 | 64.2 | 53.1 | 39.8 | 29.5 | 51.4 |
| 1993 | 27.4 | 25.1 | 36.4 | 49.8 | 63.6 | 70.4 | 76.1 | 75.0 | 61.4 | 51.7 | 39.4 | 31.4 | 50.6 |
| 1994 | 18.2 | 26.2 | 41.0 | 53.2 | 61.7 | 74.4 | 74.6 | 71.6 | 66.7 | 56.2 | 44.8 | 34.7 | 51.9 |
| 1995 | 24.1 | 28.3 | 42.6 | 49.3 | 58.3 | 72.1 | 76.2 | 79.4 | 62.7 | 54.2 | 34.4 | 27.5 | 50.8 |
| 1996 | 21.9 | 28.9 | 34.0 | 48.1 | 60.0 | 71.1 | 72.0 | 73.4 | 64.4 | 54.0 | 33.7 | 28.7 | 49.2 |
| 1997 | 19.3 | 31.9 | 41.4 | 47.1 | 57.1 | 70.7 | 75.4 | 71.5 | 66.1 | 54.9 | 38.1 | 30.9 | 50.4 |
| 1998 | 29.7 | 39.6 | 39.5 | 52.1 | 66.8 | 70.7 | 75.7 | 75.2 | 70.4 | 55.5 | 45.2 | 33.3 | 54.5 |
| 1999 | 22.9 | 36.1 | 38.2 | 53.7 | 63.9 | 72.0 | 78.1 | 71.2 | 64.1 | 54.4 | 47.2 | 31.5 | 52.8 |
| 2000 | 25.7 | 36.7 | 46.5 | 51.6 | 64.5 | 69.2 | 73.3 | 75.9 | 66.5 | 57.4 | 37.6 | 16.1 | 51.8 |
| 2001 | 24.2 | 28.6 | 36.4 | 57.8 | 63.8 | 69.7 | 76.8 | 74.6 | 64.0 | 53.0 | 50.0 | 34.5 | 52.8 |
| 2002 | 33.1 | 34.2 | 37.2 | 52.4 | 58.9 | 74.2 | 79.1 | 75.3 | 68.7 | 50.9 | 38.5 | 32.1 | 52.9 |
| 2003 | 22.1 | 24.4 | 40.0 | 53.3 | 60.6 | 68.1 | 74.8 | 75.6 | 63.6 | 54.5 | 43.0 | 32.9 | 51.1 |
| 2004 | 22.9 | 30.0 | 44.2 | 54.1 | 65.3 | 69.7 | 72.9 | 68.2 | 67.9 | 54.6 | 44.0 | 31.0 | 52.1 |
| 2005 | 26.9 | 35.1 | 39.0 | 55.5 | 60.8 | 76.1 | 77.8 | 76.1 | 71.6 | 55.8 | 43.4 | 24.1 | 53.5 |
| 2006 | 37.6 | 29.9 | 41.4 | 56.4 | 62.6 | 71.3 | 78.6 | 74.7 | 64.3 | 50.8 | 44.3 | 34.1 | 53.8 |
| 2007 | 28.1 | 19.7 | 47.3 | 49.9 | 67.5 | 72.9 | 73.9 | 78.3 | 70.9 | 59.9 | 41.7 | 28.7 | 53.2 |
| 2008 | 25.4 | 24.5 | 39.0 | 51.7 | 59.3 | 73.2 | 74.9 | 73.0 | 67.6 | 54.6 | 40.4 | 24.3 | 50.7 |
| 2009 | 18.5 | 31.3 | 42.5 | 50.9 | 62.2 | 72.4 | 70.7 | 70.5 | 66.3 | 49.3 | 46.6 | 27.8 | 50.8 |
| POR= 117 YRS | 24.4 | 27.6 | 39.3 | 51.1 | 62.1 | 71.4 | 75.8 | 73.8 | 66.2 | 54.5 | 40.5 | 28.7 | 51.3 |

HEATING DEGREE DAYS (base 65°F) 2009 PEORIA (KPIA)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|---------|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|-------|
| 1980-81 | 0 | 0 | 65 | 470 | 722 | 1112 | 1273 | 1037 | 748 | 295 | 221 | 1 | 5944 |
| 1981-82 | 1 | 0 | 60 | 360 | 594 | 1163 | 1520 | 1119 | 839 | 548 | 29 | 28 | 6261 |
| 1982-83 | 0 | 13 | 94 | 325 | 697 | 849 | 1133 | 875 | 758 | 537 | 206 | 17 | 5504 |
| 1983-84 | 2 | 0 | 92 | 311 | 595 | 1541 | 1371 | 849 | 1038 | 467 | 206 | 1 | 6473 |
| 1984-85 | 1 | 1 | 153 | 246 | 734 | 956 | 1489 | 1164 | 656 | 284 | 71 | 38 | 5793 |
| 1985-86 | 0 | 6 | 111 | 287 | 774 | 1432 | 1184 | 1156 | 683 | 314 | 92 | 7 | 6046 |
| 1986-87 | 0 | 26 | 37 | 305 | 858 | 1048 | 1228 | 814 | 640 | 340 | 53 | 2 | 5351 |
| 1987-88 | 0 | 16 | 68 | 520 | 609 | 1001 | 1306 | 1198 | 772 | 409 | 64 | 12 | 5975 |
| 1988-89 | 0 | 4 | 38 | 517 | 698 | 1090 | 958 | 1290 | 796 | 442 | 231 | 25 | 6089 |
| 1989-90 | 0 | 3 | 134 | 317 | 749 | 1509 | 929 | 871 | 672 | 475 | 226 | 16 | 5901 |
| 1990-91 | 8 | 3 | 99 | 409 | 589 | 1148 | 1341 | 909 | 683 | 285 | 86 | 0 | 5560 |
| 1991-92 | 0 | 0 | 143 | 347 | 863 | 1017 | 1078 | 847 | 698 | 444 | 180 | 19 | 5636 |
| 1992-93 | 0 | 23 | 109 | 367 | 748 | 1094 | 1159 | 1110 | 878 | 450 | 96 | 48 | 6082 |
| 1993-94 | 0 | 0 | 135 | 408 | 761 | 1035 | 1448 | 1078 | 734 | 371 | 157 | 12 | 6139 |
| 1994-95 | 0 | 8 | 67 | 282 | 602 | 932 | 1258 | 1022 | 687 | 466 | 207 | 7 | 5538 |
| 1995-96 | 2 | 0 | 133 | 332 | 911 | 1154 | 1328 | 1041 | 954 | 499 | 210 | 28 | 6592 |
| 1996-97 | 2 | 0 | 97 | 338 | 930 | 1120 | 1412 | 922 | 723 | 530 | 252 | 18 | 6344 |
| 1997-98 | 5 | 3 | 54 | 364 | 802 | 1051 | 1088 | 707 | 793 | 381 | 50 | 44 | 5342 |
| 1998-99 | 0 | 0 | 19 | 297 | 587 | 975 | 1300 | 806 | 823 | 333 | 91 | 18 | 5249 |
| 1999-00 | 0 | 0 | 102 | 330 | 529 | 1031 | 1214 | 814 | 566 | 394 | 103 | 22 | 5105 |
| 2000-01 | 0 | 0 | 92 | 252 | 818 | 1507 | 1256 | 1013 | 881 | 248 | 120 | 36 | 6223 |
| 2001-02 | 1 | 0 | 102 | 371 | 444 | 938 | 981 | 856 | 853 | 419 | 225 | 5 | 5195 |
| 2002-03 | 0 | 0 | 38 | 459 | 788 | 1013 | 1322 | 1133 | 770 | 358 | 149 | 45 | 6075 |
| 2003-04 | 0 | 2 | 107 | 328 | 655 | 986 | 1295 | 1005 | 641 | 344 | 100 | 11 | 5474 |
| 2004-05 | 0 | 29 | 30 | 326 | 625 | 1048 | 1173 | 833 | 800 | 292 | 174 | 0 | 5330 |
| 2005-06 | 0 | 0 | 30 | 317 | 642 | 1264 | 843 | 978 | 721 | 266 | 170 | 18 | 5249 |
| 2006-07 | 0 | 0 | 88 | 470 | 614 | 951 | 1135 | 1261 | 546 | 463 | 46 | 0 | 5574 |
| 2007-08 | 0 | 0 | 32 | 219 | 694 | 1117 | 1222 | 1170 | 799 | 402 | 202 | 0 | 5857 |
| 2008-09 | 0 | 0 | 37 | 334 | 734 | 1256 | 1436 | 937 | 690 | 427 | 122 | 13 | 5986 |
| 2009- | 3 | 14 | 36 | 477 | 544 | 1149 | | | | | | | |

WBAN : 14842

COOLING DEGREE DAYS (base 65°F) 2009 PEORIA (KPIA)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1980 | 0 | 0 | 0 | 6 | 70 | 160 | 425 | 378 | 156 | 1 | 0 | 0 | 1196 |
| 1981 | 0 | 0 | 0 | 13 | 33 | 250 | 331 | 250 | 93 | 6 | 1 | 0 | 977 |
| 1982 | 0 | 0 | 0 | 0 | 141 | 101 | 338 | 215 | 96 | 26 | 0 | 0 | 917 |
| 1983 | 0 | 0 | 0 | 0 | 14 | 250 | 479 | 494 | 188 | 17 | 0 | 0 | 1442 |
| 1984 | 0 | 0 | 0 | 12 | 24 | 285 | 256 | 315 | 129 | 22 | 0 | 0 | 1043 |
| 1985 | 0 | 0 | 3 | 48 | 54 | 155 | 279 | 173 | 164 | 0 | 0 | 0 | 876 |
| 1986 | 0 | 0 | 15 | 30 | 68 | 234 | 392 | 157 | 161 | 6 | 0 | 0 | 1063 |
| 1987 | 0 | 0 | 0 | 19 | 166 | 278 | 440 | 293 | 92 | 0 | 3 | 0 | 1291 |
| 1988 | 0 | 0 | 0 | 2 | 84 | 266 | 431 | 428 | 140 | 5 | 0 | 0 | 1356 |
| 1989 | 0 | 0 | 2 | 20 | 56 | 177 | 324 | 240 | 57 | 11 | 0 | 0 | 887 |
| 1990 | 0 | 0 | 9 | 34 | 8 | 204 | 251 | 230 | 138 | 9 | 0 | 0 | 883 |
| 1991 | 0 | 0 | 4 | 16 | 189 | 296 | 331 | 293 | 159 | 11 | 0 | 0 | 1299 |
| 1992 | 0 | 0 | 0 | 1 | 62 | 171 | 237 | 140 | 90 | 6 | 0 | 0 | 707 |
| 1993 | 0 | 0 | 0 | 2 | 60 | 218 | 350 | 321 | 33 | 6 | 0 | 0 | 990 |
| 1994 | 0 | 0 | 0 | 25 | 61 | 300 | 307 | 218 | 123 | 16 | 0 | 0 | 1050 |
| 1995 | 0 | 0 | 0 | 0 | 6 | 225 | 355 | 453 | 73 | 5 | 0 | 0 | 1117 |
| 1996 | 0 | 0 | 0 | 0 | 63 | 217 | 224 | 267 | 88 | 5 | 0 | 0 | 864 |
| 1997 | 0 | 0 | 0 | 0 | 12 | 199 | 334 | 210 | 94 | 59 | 0 | 0 | 908 |
| 1998 | 0 | 0 | 9 | 0 | 114 | 222 | 337 | 318 | 187 | 10 | 0 | 0 | 1197 |
| 1999 | 0 | 0 | 0 | 2 | 68 | 233 | 414 | 197 | 82 | 8 | 0 | 0 | 1004 |
| 2000 | 0 | 0 | 2 | 0 | 92 | 155 | 262 | 345 | 146 | 25 | 4 | 0 | 1031 |
| 2001 | 0 | 0 | 0 | 38 | 89 | 184 | 372 | 307 | 78 | 4 | 0 | 0 | 1072 |
| 2002 | 0 | 0 | 0 | 46 | 45 | 287 | 445 | 322 | 157 | 26 | 0 | 0 | 1328 |
| 2003 | 0 | 0 | 0 | 13 | 22 | 147 | 311 | 338 | 70 | 8 | 0 | 0 | 909 |
| 2004 | 0 | 0 | 0 | 23 | 120 | 160 | 254 | 133 | 124 | 7 | 0 | 0 | 821 |
| 2005 | 0 | 0 | 0 | 14 | 48 | 338 | 406 | 350 | 236 | 40 | 0 | 0 | 1432 |
| 2006 | 0 | 0 | 0 | 13 | 101 | 215 | 427 | 310 | 71 | 36 | 0 | 0 | 1173 |
| 2007 | 0 | 0 | 7 | 14 | 128 | 244 | 283 | 417 | 217 | 70 | 0 | 0 | 1380 |
| 2008 | 0 | 0 | 0 | 10 | 31 | 250 | 313 | 256 | 119 | 19 | 0 | 0 | 998 |
| 2009 | 0 | 0 | 0 | 12 | 40 | 241 | 186 | 191 | 83 | 0 | 0 | 0 | 753 |

SNOWFALL (inches) 2009 PEORIA (KPIA)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|-----------------|-----|-----|-----|-----|-----|------|------|------|-----|------|-----|-----|-------|
| 1980-81 | 0.0 | 0.0 | 0.0 | T | 4.1 | 3.3 | 5.9 | 10.5 | T | 0.0 | 0.0 | 0.0 | 23.8 |
| 1981-82 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 9.8 | 11.0 | 6.1 | 6.5 | 13.4 | 0.0 | 0.0 | 46.9 |
| 1982-83 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 | 2.0 | 5.6 | 4.8 | 5.7 | 0.1 | 0.0 | 0.0 | 19.1 |
| 1983-84 | 0.0 | 0.0 | 0.0 | 0.0 | 3.3 | 15.9 | 6.9 | 4.1 | 6.0 | 0.0 | 0.0 | 0.0 | 36.2 |
| 1984-85 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.9 | 9.8 | 6.2 | T | T | 0.0 | 0.0 | 16.9 |
| 1985-86 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 6.2 | 1.3 | 13.9 | 0.4 | 0.1 | 0.0 | 0.0 | 22.9 |
| 1986-87 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | T | 18.0 | 0.1 | T | 0.0 | 0.0 | 0.0 | 19.1 |
| 1987-88 | 0.0 | 0.0 | 0.0 | T | 0.3 | 9.8 | 1.9 | 9.7 | 1.9 | 0.0 | 0.0 | 0.0 | 23.6 |
| 1988-89 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 4.7 | 0.3 | 15.2 | T | 0.9 | T | 0.0 | 21.8 |
| 1989-90 | 0.0 | 0.0 | 0.0 | 0.6 | T | 10.5 | 4.8 | 6.2 | T | T | 0.0 | 0.0 | 22.1 |
| 1990-91 | T | 0.0 | 0.0 | T | T | 3.8 | 9.8 | 1.0 | 6.9 | 0.0 | 0.0 | 0.0 | 21.5 |
| 1991-92 | 0.0 | 0.0 | 0.0 | T | 3.6 | 5.1 | 6.4 | 0.4 | 4.1 | T | 0.0 | 0.0 | 19.6 |
| 1992-93 | 0.0 | 0.0 | T | T | 0.7 | 6.1 | 6.8 | 12.4 | 3.5 | 0.7 | 0.0 | 0.0 | 30.2 |
| 1993-94 | 0.0 | 0.0 | 0.0 | T | 3.6 | 2.4 | 9.4 | 12.6 | T | 0.1 | 0.0 | 0.0 | 28.1 |
| 1994-95 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.5 | 3.8 | 2.8 | 0.7 | T | T | 0.0 | 7.8 |
| 1995-96 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 3.6 | 5.9 | 1.9 | 1.1 | 0.5 | 0.0 | 0.0 | 13.2 |
| 1996-97 | 0.0 | 0.0 | 0.0 | | | | | | | | 0.0 | | |
| 1997-98 | | 0.0 | | T | 1.9 | 13.0 | 7.1 | T | 7.3 | T | 0.0 | 0.0 | |
| 1998-99 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 5.2 | 18.1 | 1.0 | 6.9 | T | T | 0.0 | 31.7 |
| 1999-00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.7 | 8.8 | 0.6 | T | T | T | T | 14.1 |
| 2000-01 | 0.0 | 0.0 | 0.0 | 0.0 | T | 21.2 | 5.1 | 1.8 | 2.1 | T | 0.0 | 0.0 | 30.2 |
| 2001-02 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.4 | 2.4 | 1.4 | 7.5 | T | 0.0 | T | 11.7 |
| 2002-03 | 0.0 | 0.0 | 0.0 | 0.0 | T | 3.3 | 6.3 | 7.9 | 1.3 | 0.4 | T | 0.0 | 19.2 |
| 2003-04 | 0.0 | 0.0 | 0.0 | 0.0 | T | 7.3 | 8.4 | 4.1 | 3.4 | 0.0 | 0.0 | 0.0 | 23.2 |
| 2004-05 | 0.0 | 0.0 | 0.0 | 0.0 | 7.9 | T | 6.2 | 2.1 | 1.6 | 0.0 | 0.0 | 0.0 | 17.8 |
| 2005-06 | 0.0 | 0.0 | 0.0 | 0.0 | T | 11.3 | 1.0 | T | 6.0 | 0.0 | 0.0 | 0.0 | 18.3 |
| 2006-07 | 0.0 | 0.0 | 0.0 | 0.0 | 1.3 | 7.5 | 2.2 | 13.3 | T | T | 0.0 | 0.0 | 24.3 |
| 2007-08 | 0.0 | 0.0 | 0.0 | 0.0 | T | 10.5 | 6.2 | 17.0 | T | T | 0.0 | 0.0 | 33.7 |
| 2008-09 | 0.0 | 0.0 | 0.0 | T | 4.6 | 5.3 | 12.9 | 3.5 | 4.9 | 1.8 | 0.0 | 0.0 | 33.0 |
| 2009- | 0.0 | 0.0 | 0.0 | 0.0 | T | 14.6 | | | | | | | |
| POR= 105 YRS | T | 0.0 | T | 0.1 | 1.7 | 5.4 | 6.5 | 5.2 | 3.8 | 0.8 | T | T | 23.5 |

WBAN : 14842

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. NORMALS ARE 30-YEAR AVERAGES (1971 - 2000). 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 AND ON SATELLITE DATA FOR CLOUDS ABOVE 12,000 FEET. THE NUMBER OF DAYS WITH CLEAR, PARTLY CLOUDY, AND CLOUDY CONDITIONS FOR ASOS STATIONS IS THE SUM OF THE CEILOMETER AND SATELLITE DATA FOR THE SUNRISE TO SUNSET PERIOD. CLEAR INDICATES 0 - 2 OKTAS, PARTLY CLOUDY INDICATES 3 - 6 OKTAS, AND CLOUDY INDICATES 7 OR 8 OKTAS. WHEN AT LEAST ONE OF THE ELEMENTS (CEILOMETER OR SATELLITE) IS MISSING, THE DAILY CLOUDINESS IS NOT COMPUTED.</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 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 EIGHTS(OKTAS) FOR REPORTING THE AMOUNT OF SKY COVER. STATION HISTORY STOPPED WITH THE 2009 ANNUAL. IF YOU NEED HISTORY GO TO "MULTI-NETWORK METADATA SYSTEM", URL IS: https://mi3.ncdc.noaa.gov/mi3qry/login.cfm</p> <p>NOTE: The "Period of Record:(POR) for all "averages" is based on the "Summary of the Day First Order Station" and "Cooperative Summary of the Day" archives.</p> |
|--|---|

2009 PEORIA ILLINOIS (KPIA)

The airport station is situated on a rather level tableland surrounded by well-drained and gently rolling terrain. It is set back a mile from the rim of the Illinois River Valley and is almost 200 feet above the river bed. Exposures of all instruments are good. The climate of this area is typically continental as shown by its changeable weather and the wide range of temperature extremes.

June and September are usually the most pleasant months of the year. Then during October or the first of November, Indian Summer is often experienced with an extended period of warm, dry weather.

Precipitation is normally heaviest during the growing season and lowest during midwinter.

The earliest snowfalls have occurred in September and the latest in the spring have occurred as late as May. Heavy snowfalls have rarely exceeded 20 inches.

Based on the 1951-1980 period, the average first occurrence of 32 degrees Fahrenheit in the fall is October 20 and the average last occurrence in the spring is April 24.

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