

Christmas Day Weather History for Peoria

| | |
|--|---|
| Normal High and Low Temperature | 36° and 21° |
| Warmest High Temperature | 63° (2019) |
| Coldest High Temperature | -2° (1983) |
| Coldest Low Temperature | -14° (1983) |
| Warmest Low Temperature | 46° (1936) |
| Wettest Christmas | 0.84 inches in 1957 |
| Snowiest Christmas | 3.9 inches in 1909 |
| Greatest Snow Depth | 10 inches in 1909 |
| Frequency of at Least 1" Snow Depth | 35.3% of years. <i>Last with 1": 2022</i> |
| Frequency of Measurable Precipitation | 27% of years |
| Frequency of Mild Temperatures | 9% of years with highs ≥ 50° |
| Frequency of Cold Temperatures | 47% of years with highs ≤ 32° |
| Sunrise and Sunset | 7:21 am / 4:37 pm |

Specific weather data follows. These were measured in downtown Peoria from 1883 to 1904, Bradley University from 1905 to 1943, and at Peoria International Airport since 1943.

| Data for December 25 - Peoria Area, IL (ThreadEx) | | | | | |
|---|-----------------|-----------------|---------------|----------|------------|
| Date | Max Temperature | Min Temperature | Precipitation | Snowfall | Snow Depth |
| 1883-12-25 | 37 | 27 | 0.00 | M | M |
| 1884-12-25 | 14 | 3 | 0.14 | M | M |
| 1885-12-25 | 39 | 27 | 0.00 | M | M |
| 1886-12-25 | 31 | 18 | 0.17 | M | M |
| 1887-12-25 | 29 | 16 | 0.00 | M | M |
| 1888-12-25 | 37 | 35 | 0.15 | M | M |
| 1889-12-25 | 54 | 35 | 0.00 | M | M |
| 1890-12-25 | 32 | 23 | 0.00 | M | M |
| 1891-12-25 | 45 | 21 | 0.00 | M | M |
| 1892-12-25 | 12 | 1 | 0.00 | M | M |
| 1893-12-25 | 50 | 28 | 0.00 | 0.0 | M |
| 1894-12-25 | 36 | 28 | 0.00 | M | M |
| 1895-12-25 | 38 | 31 | M | M | M |
| 1896-12-25 | 36 | 25 | 0.00 | 0.0 | M |
| 1897-12-25 | 35 | 20 | 0.00 | M | M |
| 1898-12-25 | 35 | 26 | 0.00 | M | M |
| 1899-12-25 | 21 | 11 | 0.00 | 0.0 | M |
| 1900-12-25 | 23 | 18 | 0.00 | M | M |
| 1901-12-25 | 38 | 36 | 0.16 | 0.0 | M |
| 1902-12-25 | 17 | 3 | 0.00 | 0.0 | M |
| 1903-12-25 | 22 | -2 | 0.26 | 2.6 | M |
| 1904-12-25 | 36 | 32 | 0.00 | M | M |
| 1905-12-25 | 40 | 20 | 0.00 | 0.0 | 1 |
| 1906-12-25 | 32 | 21 | 0.00 | 0.0 | T |
| 1907-12-25 | 38 | 23 | 0.00 | 0.0 | T |
| 1908-12-25 | 33 | 26 | T | T | T |
| 1909-12-25 | 28 | 6 | 0.34 | 3.9 | 10 |
| 1910-12-25 | 36 | 11 | 0.00 | 0.0 | 0 |
| 1911-12-25 | 37 | 26 | 0.00 | 0.0 | 0 |
| 1912-12-25 | 46 | 28 | 0.00 | 0.0 | 0 |
| 1913-12-25 | 35 | 28 | T | T | 2 |
| 1914-12-25 | 11 | -9 | 0.00 | 0.0 | 5 |
| 1915-12-25 | 24 | 20 | 0.00 | 0.0 | 4 |
| 1916-12-25 | 33 | 11 | 0.00 | 0.0 | 2 |
| 1917-12-25 | 23 | 15 | 0.00 | 0.0 | 0 |
| 1918-12-25 | 25 | 10 | 0.00 | 0.0 | 4 |
| 1919-12-25 | 33 | 12 | 0.00 | 0.0 | 0 |
| 1920-12-25 | 26 | 7 | 0.25 | 2.0 | 2 |
| 1921-12-25 | 21 | 13 | T | T | T |
| 1922-12-25 | 55 | 27 | 0.00 | 0.0 | 0 |
| 1923-12-25 | 43 | 32 | 0.14 | 0.0 | 0 |
| 1924-12-25 | 3 | -12 | 0.00 | 0.0 | 6 |
| 1925-12-25 | 27 | 6 | T | T | T |
| 1926-12-25 | 21 | 10 | 0.00 | 0.0 | 0 |
| 1927-12-25 | 38 | 15 | 0.00 | 0.0 | 0 |
| 1928-12-25 | 44 | 24 | 0.00 | 0.0 | 0 |
| 1929-12-25 | 30 | 24 | 0.00 | 0.0 | 3 |
| 1930-12-25 | 45 | 30 | T | 0.0 | 0 |
| 1931-12-25 | 46 | 32 | 0.00 | 0.0 | 0 |
| 1932-12-25 | 48 | 29 | 0.00 | 0.0 | 0 |
| 1933-12-25 | 17 | 9 | 0.00 | 0.0 | 0 |
| 1934-12-25 | 27 | 23 | 0.02 | 0.2 | 4 |
| 1935-12-25 | 19 | -7 | 0.10 | 1.6 | 6 |
| 1936-12-25 | 62 | 46 | 0.09 | 0.0 | 0 |
| 1937-12-25 | 34 | 20 | 0.00 | 0.0 | T |
| 1938-12-25 | 35 | 26 | 0.00 | 0.0 | 0 |
| 1939-12-25 | 44 | 20 | 0.00 | 0.0 | 0 |
| 1940-12-25 | 53 | 45 | 0.39 | 0.0 | 0 |
| 1941-12-25 | 40 | 33 | 0.22 | T | 0 |
| 1942-12-25 | 36 | 31 | T | 0.0 | 1 |
| 1943-12-25 | 43 | 22 | 0.00 | 0.0 | 0 |
| 1944-12-25 | 27 | 2 | 0.01 | 0.2 | 1 |
| 1945-12-25 | 37 | 24 | 0.04 | 0.4 | 3 |
| 1946-12-25 | 49 | 18 | 0.00 | 0.0 | 0 |
| 1947-12-25 | 40 | 18 | T | T | T |
| 1948-12-25 | 23 | 7 | 0.00 | 0.0 | 0 |
| 1949-12-25 | 38 | 33 | 0.55 | 0.9 | 1 |
| 1950-12-25 | 19 | 13 | T | T | 1 |
| 1951-12-25 | 29 | 19 | 0.19 | 0.3 | 7 |
| 1952-12-25 | 28 | 21 | T | T | 0 |
| 1953-12-25 | 37 | 23 | 0.00 | 0.0 | 2 |
| 1954-12-25 | 46 | 30 | 0.00 | 0.0 | 0 |
| 1955-12-25 | 45 | 28 | 0.00 | 0.0 | 0 |
| 1956-12-25 | 31 | 26 | 0.01 | 0.1 | T |

Christmas Day Weather History for Peoria

| Data for December 25 - Peoria Area, IL (ThreadEx) | | | | | |
|---|-----------------|-----------------|---------------|----------|------------|
| Date | Max Temperature | Min Temperature | Precipitation | Snowfall | Snow Depth |
| 1957-12-25 | 45 | 32 | 0.84 | 0.0 | 0 |
| 1958-12-25 | 42 | 20 | 0.00 | 0.0 | 0 |
| 1959-12-25 | 48 | 30 | 0.00 | 0.0 | 0 |
| 1960-12-25 | 43 | 12 | 0.00 | 0.0 | 4 |
| 1961-12-25 | 29 | 1 | 0.00 | 0.0 | 4 |
| 1962-12-25 | 25 | 7 | 0.13 | 1.5 | T |
| 1963-12-25 | 38 | 12 | 0.00 | 0.0 | 2 |
| 1964-12-25 | 26 | 15 | 0.11 | T | T |
| 1965-12-25 | 31 | 17 | 0.15 | 1.5 | 3 |
| 1966-12-25 | 28 | 12 | 0.00 | 0.0 | 0 |
| 1967-12-25 | 32 | 7 | 0.06 | 0.6 | T |
| 1968-12-25 | 20 | 8 | 0.01 | 0.1 | 0 |
| 1969-12-25 | 27 | 21 | T | T | 5 |
| 1970-12-25 | 24 | 10 | 0.04 | 0.4 | T |
| 1971-12-25 | 50 | 33 | 0.02 | 0.0 | 0 |
| 1972-12-25 | 32 | 29 | 0.03 | 0.3 | 1 |
| 1973-12-25 | 37 | 34 | 0.05 | 0.0 | 4 |
| 1974-12-25 | 27 | 15 | 0.00 | 0.0 | 1 |
| 1975-12-25 | 32 | 29 | 0.01 | 0.0 | T |
| 1976-12-25 | 34 | 20 | 0.00 | 0.0 | 0 |
| 1977-12-25 | 17 | 3 | T | T | T |
| 1978-12-25 | 34 | 13 | T | T | 0 |
| 1979-12-25 | 36 | 28 | T | 0.0 | 0 |
| 1980-12-25 | 14 | -10 | 0.00 | 0.0 | 1 |
| 1981-12-25 | 36 | 15 | 0.00 | 0.0 | 4 |
| 1982-12-25 | 61 | 33 | T | 0.0 | 0 |
| 1983-12-25 | -2 | -14 | 0.00 | 0.0 | 5 |
| 1984-12-25 | 26 | 2 | 0.00 | 0.0 | T |
| 1985-12-25 | 10 | -7 | T | T | 1 |
| 1986-12-25 | 31 | 26 | T | T | T |
| 1987-12-25 | 34 | 31 | T | T | 0 |
| 1988-12-25 | 30 | 20 | 0.00 | 0.0 | 0 |
| 1989-12-25 | 37 | 17 | T | T | 7 |
| 1990-12-25 | 28 | 2 | T | T | T |
| 1991-12-25 | 44 | 22 | 0.00 | 0.0 | 0 |
| 1992-12-25 | 31 | 13 | 0.00 | 0.0 | 0 |
| 1993-12-25 | 24 | 11 | 0.01 | 0.8 | 2 |
| 1994-12-25 | 51 | 19 | 0.00 | 0.0 | 0 |
| 1995-12-25 | 31 | 16 | T | T | 0 |
| 1996-12-25 | 15 | 3 | 0.00 | M | M |
| 1997-12-25 | 31 | 26 | 0.00 | 0.0 | 2 |
| 1998-12-25 | 33 | 12 | 0.00 | 0.0 | 0 |
| 1999-12-25 | 36 | 8 | 0.00 | 0.0 | 2 |
| 2000-12-25 | 16 | -12 | 0.00 | 0.0 | 9 |
| 2001-12-25 | 23 | 12 | T | T | 0 |
| 2002-12-25 | 27 | 22 | 0.01 | 0.5 | 3 |
| 2003-12-25 | 40 | 17 | 0.00 | 0.0 | 0 |
| 2004-12-25 | 30 | 13 | T | T | 0 |
| 2005-12-25 | 35 | 33 | 0.19 | T | 0 |
| 2006-12-25 | 38 | 32 | 0.00 | 0.0 | 0 |
| 2007-12-25 | 45 | 19 | 0.00 | 0.0 | 0 |
| 2008-12-25 | 30 | 5 | 0.00 | 0.0 | 0 |
| 2009-12-25 | 47 | 19 | 0.32 | 1.5 | 0 |
| 2010-12-25 | 29 | 25 | 0.03 | 0.5 | 8 |
| 2011-12-25 | 45 | 26 | 0.00 | 0.0 | 0 |
| 2012-12-25 | 28 | 19 | 0.00 | 0.0 | 1 |
| 2013-12-25 | 29 | 20 | 0.00 | T | T |
| 2014-12-25 | 49 | 36 | 0.00 | 0.0 | 0 |
| 2015-12-25 | 48 | 33 | 0.00 | 0.0 | 0 |
| 2016-12-25 | 55 | 35 | 0.07 | 0.0 | 0 |
| 2017-12-25 | 19 | 6 | 0.00 | 0.0 | 3 |
| 2018-12-25 | 50 | 30 | 0.00 | 0.0 | 0 |
| 2019-12-25 | 63 | 37 | 0.00 | 0.0 | 0 |
| 2020-12-25 | 22 | 6 | T | T | 0 |
| 2021-12-25 | 54 | 38 | 0.01 | 0.0 | 0 |
| 2022-12-25 | 19 | 3 | 0.01 | 0.1 | 1 |
| 2023-12-25 | 57 | 40 | 0.60 | 0.0 | 0 |

Christmas Day Weather History for Peoria

| Maximum Temperature | | | | | | |
|---------------------|---------|--------|------------------|-------------|--------------|--------------|
| Highest | Average | Lowest | Percent of Years | | | |
| | | | >=100° F | >=90° F | >=50° F | <=32° F |
| 63 | 33.7 | -2 | 0 | 0 | 9% | 47% |
| Minimum Temperature | | | | | | |
| Highest | Average | Lowest | Percent of Years | | | |
| | | | >=70° F | >=50° F | <=32° F | <=0° F |
| 46 | 18.8 | -14 | 0 | 0 | 88% | 6% |
| Precipitation | | | | | | |
| Highest | Average | Lowest | Percent of Years | | | |
| | | | >=0.01 inch | >=0.10 inch | >=0.50 inch | >=1.00 inch |
| 0.84 | 0.04 | 0.00 | 27% | 14% | 2% | 0 |
| Snowfall | | | | | | |
| Highest | Average | Lowest | Percent of Years | | | |
| | | | >=0.1 inch | >=1.0 inch | >=3.0 inches | >=6.0 inches |
| 3.9 | 0.2 | 0.0 | 17% | 6% | 1% | 0 |
| Snow Depth | | | | | | |
| Highest | Average | Lowest | Percent of Years | | | |
| | | | >=1 inch | >=3 inches | >=6 inches | >=12 inches |
| 10 | 1.2 | 0 | 35% | 19% | 6% | 0 |