**CHRISTMAS CLIMATOLOGY -- READING, PA**

YEAR TEMPS PCPN/SNOW/DEPTH\* YEAR TEMPS PCPN/SNOW/DEPTH\*

1870 ?/? 1871 41/36

1872 ?/ 5 ? 1873 41/28

1874 39/27 ? 1875 45/35

1876 23/17 Snow all day 1877 49/32

1878 20/13 ? 1879 49/41 Rain

1880 35/29 Rain at night 1881 47/28 ?

1882 47/37 1883 37/33 0.26 T

1884 24/20 0.17/ ? ? 1885 34/24

1886 47/24 1887 38/28 ? / ? ?

1888 58/24 1889 67/41

1890 ?/? 1891 ?/? 0.75

1892 ?/? 0.05/ ? ? 1893 ?/? ?

1894 ?/? 0.04 1895 ?/? ?

1896 ?/? ? 1897 ?/? ?

1898 37/24 1899 32/19 T / T

1900 46/29 1901 40/31 0.01/ ?

1902 30/14 0.26/ ? 1903 42/30 0.02/ ?

1904 21/15 0.39/ 4.2/ 6 1905 35/20

1906 29/12 T / T 1907 47/30

1908 40/30 0.02/ 0.1/ 1 1909 31/25 0.51/ 7.8/ 8

1910 33/21 T / T 1911 44/30

1912 39/20 7 1913 42/35 0.93/ T

1914 30/13 T / T / 1 1915 59/36 0.37 T Thunder

1916 39/27 0.17 1 1917 40/23 0.15/ T / 2

1918 46/37 0.01 1919 26/21 3

1920 30/23 1921 36/20 T

1922 44/29 1923 39/31 0.06/ 0.3/ T

1924 34/13 0.01/ 0.1/ T 1925 37/26 T / T

1926 43/32 0.46 1927 39/17

1928 51/29 1929 32/21 3

1930 40/22 1931 53/32 T / T

1932 55/41 0.03 1933 56/32 T

1934 35/30 T / T 1935 33/18 0.15/ 0.8/ T

1936 61/40 1937 44/34

1938 41/31 1939 37/25

1940 61/30 1941 50/36

1942 45/30 0.10/ / T 1943 32/17

1944 39/32 0.49/ / 2 1945 47/22 1.11/ 0.3/ 4

1946 38/30 T / T 1947 33/14 T

1948 29/12 0.01/ T / 3 1949 40/22

\* Snow pack depth at around sunrise

**CHRISTMAS CLIMATOLOGY -- READING, PA**

YEAR TEMPS PCPN/SNOW/DEPTH\* YEAR TEMPS PCPN/SNOW/DEPTH\*

1950 31/22 1951 36/26 0.39/ T / 2

1952 42/40 1953 44/26

1954 39/26 1955 52/35 T

1956 43/35 1957 44/29 T / T

1958 25/13 1959 34/28 1

1960 38/21 3 1961 36/23 7

1962 28/21 0.21/ 2.0/ 1 1963 37/31 T / / 5

1964 68/39 0.07 1965 61/36 1.14 Thunder

1966 32/25 T / T /15 1967 38/24 0.04/ 0.1

1968 23/18 1969 24/ 2 1.10/11.0/ 5

1970 35/27 1971 45/35 0.02

1972 43/27 0.09 1973 36/19 T

1974 45/37 0.05 1975 43/12

1976 26/12 0.32/ 4.0 1977 50/20 0.39

1978 41/21 1.31/ T 1979 61/36 0.92

1980 10/-4 2 1981 38/36

1982 60/36 0.06 1983 10/-1 2

1984 47/22 0.29/ T 1985 26/ 9 T / T / T

1986 47/31 1.30 1987 52/26 0.15

1988 48/33 T 1989 24/ 2 T / T / 1

1990 28/15 1991 41/21

1992 35/16 T / T 1993 32/21 0.02/ 0.2/ T

1994 55/39 T 1995 33/23 T / T /8

1996 36/24 1997 52/38 0.51

1998 35/19 1999 30/13

2000 21/12 1 2001 35/23

2002 34/30 1.60/ 7.0 T 2003 39/28 T / T

2004 28/15 2005 38/23 0.93

2006 46/28 0.36 2007 45/27

2008 53/25 2009 40/23 0.23 1

2010 32/23 2011 47/24

2012 42/31 T 2013 29/17

2014 61/38 0.07 2015 61/50 0.06

2016 49/30 2017 34/24 0.05/0.1/ T

2018 39/28 2019 46/21

2020 64/24 0.55/ T 2021 52/37 0.09

2022 27/13 2023 53/39

2024 39/30 2025

2026 2027

2028 2029

\* Snow pack depth at around sunrise

A White Christmas should have at least a half inch (a short inch) of general snow cover at sunrise Christmas Day. Several Christmases, most recently 2002, did not meet that criterion at sunrise, but became deeply snow covered later in the day. Such a Christmas could be called a “gray” Christmas. Other Christmas days with a light coating of snow could also be considered a “gray” Christmas. However, the above criteria are not official, and opinions may differ from the above, hence the “gray” terminology as in “gray” areas.