

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		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

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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	41/25	
1992	34/14	T / T	1993	31/18	T / T
1994	54/39	T	1995	31/23	T / T /11
1996	35/28	0.50	1997	53/36	0.65
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		
2024			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.