

CHRISTMAS CLIMATOLOGY - READING 4 SW, PA (LPWB)

YEAR	TEMPS	PCPN/SNOW/DEPTH*	YEAR	TEMPS	PCPN/SNOW/DEPTH*
1982	60/36	0.06 (Reading 3 N)	1983	10/-1	2
1984	49/26	0.05	1985	37/14	0.24/ 0.5/ T
1986	53/42	0.26	1987	55/41	0.15
1988	51/34	T	1989	29/10	T / T / 1
1990	31/15		1991	41/21	
1992	35/15	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	30/16	
2000	22/11	2	2001	36/27	
2002	35/30	2.66/ 7.4 7	2003	40/30	T / T
2004	31/16	T / T	2005	39/26	0.97/ / T
2006	55/43	0.04	2007	45/28	
2008	55/26	T	2009	40/23	0.29/ / 1
2010	33/25		2011	48/25	
2012	42/32	0.01	2013	29/19	
2014	60/40	0.08	2015	62/ 53	0.11 (Foggy)
2016	49/29		2017	35/26	0.01/ T
2018	40/27		2019	46/22	
2020	63 /24	0.71/ T	2021	54/39	0.10
2022	29/14		2023	53/37	
2024			2025		
2026			2027		
2028			2029		

* Snow pack depth near midnight

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.

Compare Christmas Day averages for the 42 years of record (1982-2022) at LPWB with the LPWB (norms) smoothed from data a few days either side of 25 Dec.

Average Max Temp:	42.0 (42)	1765
Average Min Temp:	23.6 (27)	991
Average Mean Temp:	32.8 (34.5)	
Average Precip:	0.15 (0.13)	6.27
Average Snowfall:	0.2 (0.3)	8.1