

Appleton Christmas Day Stats through 2011



Records:

Records	Value	Year
Warmest temperature	52	1936
Coldest temperature	-16	2000
Record low maximum	-4	1983
Record high minimum	35	1932
Warmest average temperature	43.0	1936
Coldest average temperature	-8	1983
Wettest Christmas	0.84	2009
Snowiest Christmas	5.0	1910
Greatest snow depth	17	2008

Temperature records date back to 1901. (108 years of reliable data).

Conditions over the last 10 years						
Year	High	Low	Mean	Precip	Snowfall	Snow depth
2002	27	20	23.5	0.00	0.0	0
2003	24	12	18.0	0.00	0.0	0
2004	9	-11	-1.0	0.00	0.0	5
2005	34	30	32.0	T	T	4
2006	39	22	30.5	0.00	0.0	1
2007	36	13	24.5	0.00	0.0	7
2008	21	2	11.5	0.18	2.0	17
2009	39	28	33.5	0.84	0.2	8
2010	30	23	26.5	T	T	11
2011	39	26	32.5	0.00	0.0	0

Averages	1901-2011	1981-2010
High Temperature	27	26
Low Temperature	12	13
Mean Temperature	20	19

TEMPERATURE SUMMARY

TEMPS	MAX TEMP			MIN TEMP	
	Occurrences	PERCENT		Occurrences	Percent
-20s	0	0		0	0
-10s	0	0		10	9
-0s	1	1		12	11
0s	7	6		23	21
10s	16	15		30	28
20s	36	33		28	26
30s	41	38		5	5
40s	6	6		0	0
50s	1	1		0	0

Appleton Christmas Day Stats through 2011

Precipitation:

Number of days of Precipitation	Occurrences	Percent
Greater than or equal to a trace	57	52
Greater than or equal to 0.01 inch	30	27
Greater than or equal to 0.10 inch	16	15
Greater than or equal to 0.25 inch	7	6
Greater than or equal to 0.50 inch	2	2

Precipitation data at Appleton dates back to 1901 (110 years of data).

Snowfall:

Number of days of Snowfall	Occurrences	Percent
Greater than or equal to a trace	47	43
Greater than or equal to 0.1 inch	25	23
Greater than or equal to 1.0 inch	13	12
Greater than or equal to 3.0 inches	4	4
Greater than or equal to 6.0 inches	0	0

Snowfall data at Appleton dates back to 1901 (109 years of data).

Snow depth:

Snow depth	Occurrences	Percent
"Brown" Christmas	23	23
Greater than or equal to 1 inch	79	77
Greater than or equal to 3 inches	56	55
Greater than or equal to 5 inches	29	28
Greater than or equal to 8 inches	16	16
Greater than or equal to 12 inches	8	8

Snow depth data at Appleton dates back to 1901 (102 years of data).

The following years are classified as a "Brown" Christmas, meaning there was less than an inch of snow on the ground at 6 am Christmas Day. The years are: 1904,1923,1932,1933,1936,1939,1941,1943, 1947,1953,1960,1965,1971,1979,1982,1984,1988,1992,1993,1994,1999,2002 and 2003.

Green Bay Christmas Stats through 2011



Records:

Records	Value	Year
Warmest temperature	50	1936
Coldest temperature	-22	2000
Record low maximum	-4	1933,1983
Record high minimum	40	1936
Warmest average temperature	45.0	1936
Coldest average temperature	-10.5	1933
Wettest Christmas	0.62 inches	1973
Snowiest Christmas	5.4 inches	1945
Greatest snow depth	18 inches	1985

Temperature records date back to 1886 (126 years)

Conditions over the last 10 years						
Year	High	Low	Mean	Precip	Snowfall	Snowdepth
2002	29	23	26.0	0.00	0.0	T
2003	30	14	22.0	0.00	0.0	0
2004	15	0	7.5	0.02	0.4	6
2005	36	31	33.5	0.00	0.0	3
2006	34	30	32.0	0.00	0.0	0
2007	35	11	23.0	0.00	0.0	6
2008	22	-5	8.5	0.12	1.6	16
2009	38	22	30.0	0.39	0.1	8
2010	30	20	25.0	0.01	0.2	12
2011	39	27	33.0	0.00	0.0	1

Averages	1886-2011	1981-2010
High Temperature	26	26
Low Temperature	12	12
Mean Temperature	19	19

TEMPERATURE SUMMARY

TEMPS	MAX TEMP			MIN TEMP	
	Occurrences	PERCENT		Occurrences	Percent
-20s	0	0		1	1
-10s	0	0		8	6
-0s	2	2		20	16
0s	12	10		24	19
10s	16	13		31	25
20s	41	33		34	27
30s	48	38		7	7
40s	6	5		1	1
50s	1	1		0	0

Green Bay Christmas Stats through 2011

Precipitation:

Number of days of Precipitation	Occurrences	Percent
Greater than or equal to a trace	47	37
Greater than or equal to 0.01 inch	42	33
Greater than or equal to 0.10 inch	18	14
Greater than or equal to 0.25 inch	6	5
Greater than or equal to 0.50 inch	2	2

Precipitation data at Green Bay dates back to 1886 (126 years of data).

Snowfall:

Number of days of Snowfall	Occurrences	Percent
Greater than or equal to a trace	40	32
Greater than or equal to 0.1 inch	33	26
Greater than or equal to 1.0 inch	13	10
Greater than or equal to 3.0 inches	2	2
Greater than or equal to 5.0 inches	1	1

Snowfall data at Green Bay dates back to 1886 (126 years of data).

Snow depth since 1893:

Snow depth	Occurrences	Percent
"Brown Christmas"	34	29
Greater than or equal to 1 inch	85	71
Greater than or equal to 3 inches	56	47
Greater than or equal to 6 inches	31	26
Greater than or equal to 9 inches	9	8
Greater than or equal to 12 inches	5	4

Complete snow depth data at Green Bay dates back to 1893 (119 years of data).

The following years have been classified as a "Brown" Christmas meaning there was less than an inch of snow on the ground at the time of the observation (6 am Christmas morning in recent years). The years are: 1893,1894,1895, 1899,1901,1906,1911,1913,1917,1923,1928,1931, 1932,1936,1939,1941,1943,1953,1954,1955,1957,1958,1960,1964,1965,1971,1979,1981,1982, 1988,1994,1999,2002,2003,2006.

Rhineland Christmas Day Statistics through 2011



Records:

Records	Value	Year
Warmest temperature	45	1994
Coldest temperature	-25	1924
Record low maximum	-1	1983
Record high minimum	34	1940
Warmest average temperature	38.0	1936,1940
Coldest average temperature	-11.0	1924
Wettest Christmas	1.12	1932
Snowiest Christmas	9.2 inches	1945
Greatest snow depth	28 inches	1968

Temperature records date back to 1908 (104 years of data).

Conditions over the last 10 years						
Year	High	Low	Mean	Precip	Snowfall	Snow depth
2002	24	18	21.0	0.00	0.0	0
2003	36	2	19.0	0.00	0.0	7
2004	9	-10	-0.5	0.03	0.7	11
2005	35	29	32.0	0.02	0.2	5
2006	35	19	27.0	0.00	0.0	3
2007	21	7	14.0	0.00	0.0	11
2008	18	-12	3.0	T	T	14
2009	34	31	32.5	0.29	1.0	10
2010	28	19	23.5	T	T	12
2011	33	23	28.0	T	T	3

Averages	1908-2011	1981-2010
High Temperature	23	23
Low Temperature	5	5
Mean Temperature	14	14

TEMPERATURE SUMMARY

TEMPS	MAX TEMP			MIN TEMP	
	Occurrences	PERCENT		Occurrences	Percent
-30s	0	0		1	1
-20s	0	0		6	6
-10s	0	0		15	14
-0s	1	1		14	13
0s	10	10		22	21
10s	21	20		30	29
20s	44	42		12	12
30s	23	22		4	4
40s	5	5		0	0
50s	0	0		0	0

Rhineland Christmas Day Statistics through 2011

Precipitation:

Number of days of Precipitation	Occurrences	Percent
Greater than or equal to a trace	49	47
Greater than or equal to 0.01 inch	33	32
Greater than or equal to 0.10 inch	9	9
Greater than or equal to 0.25 inch	3	3
Greater than or equal to 0.50 inch	2	2
Greater than or equal to 1.00 inch	1	1

Precipitation data at Rhineland dates back to 1908 (104 years of data).

Snowfall:

Number of days of Snowfall	Occurrences	Percent
Greater than or equal to a trace	43	41
Greater than or equal to 0.1 inch	27	26
Greater than or equal to 1.0 inch	17	16
Greater than or equal to 3.0 inches	3	3
Greater than or equal to 5.0 inches	1	1

Snowfall data at Rhineland dates back to 1908 (104 years of data).

Snow Depth:

Snow Depth	Occurrences	Percent
Brown Christmas	6	6
Greater than or equal to 1 inch	91	94
Greater than or equal to 3 inches	83	86
Greater than or equal to 6 inches	53	55
Greater than or equal to 9 inches	31	32
Greater than or equal to 12 inches	19	20
Greater than or equal to 18 inches	7	7
Greater than or equal to 24 inches	2	2

Snow depth data at Rhineland back to 1908 (97 years of data).

The following years have been classified as a "Brown" Christmas, meaning there was less than 1 inch of snow on the ground at the time of observation. The years are: 1913, 1928, 1960, 1979, 1994 and 2002.

Wausau Christmas Day Statistics through 2011



Records:

Records	Value	Year
Warmest temperature	47	1994
Coldest temperature	-23	1933
Record low maximum	-6	1983
Record high minimum	35	1936
Warmest average temperature	40	1936
Coldest average temperature	-12	1983
Wettest Christmas	0.82	1945
Snowiest Christmas	9.0 inches	1945
Greatest snow depth	18 inches	1940

Temperature records date back to 1895 (115 years of data).

Conditions over the last 10 years						
Year	High	Low	Mean	Precip	Snowfall	Snow depth
2002	24	19	21.5	0.00	0.0	T
2003	32	4	18.0	0.00	0.0	6
2004	12	0	6.0	0.03	1.1	7
2005	37	32	35.0	0.00	0.0	3
2006	33	24	29.0	0.00	0.0	6
2007	30	5	17.5	0.00	0.0	13
2008	17	-11	3.0	0.07	0.7	15
2009	35	24	29.5	0.45	0.3	8
2010	29	20	24.5	T	T	13
2011	36	26	31.0	0.00	0.0	1

Averages	1895-2011	1981-2010
High Temperature	24	24
Low Temperature	8	8
Mean Temperature	16	16

TEMPERATURE SUMMARY

TEMPS	MAX TEMP			MIN TEMP	
	Occurrences	PERCENT		Occurrences	Percent
-30s	0	0		0	0
-20s	0	0		3	3
-10s	0	0		17	15
-0s	3	3		16	14
0s	12	10		24	21
10s	22	19		23	20
20s	38	33		28	24
30s	36	31		4	3
40s	4	4		0	0
50s	0	0		0	0

Wausau Christmas Day Statistics through 2011

Precipitation:

Number of days of Precipitation	Occurrences	Percent
Greater than or equal to a trace	59	52
Greater than or equal to 0.01 inch	31	27
Greater than or equal to 0.10 inch	13	11
Greater than or equal to 0.25 inch	7	6
Greater than or equal to 0.50 inch	2	2
Greater than or equal to 1.00 inch	0	0

Precipitation data at Wausau dates back to 1897 (114 years of data).

Snowfall:

Number of days of Snowfall	Occurrences	Percent
Greater than or equal to a trace	54	49
Greater than or equal to 0.1 inch	25	23
Greater than or equal to 1.0 inch	12	11
Greater than or equal to 3.0 inches	2	2
Greater than or equal to 5.0 inches	2	2

Snowfall data at Wausau dates back to 1897 (111 years of snowfall data).

Snow Depth:

Snow Depth	Occurrences	Percent
"Brown" Christmas"	6	8
Greater than or equal to 1 inch	73	92
Greater than or equal to 3 inches	58	73
Greater than or equal to 6 inches	33	42
Greater than or equal to 9 inches	23	29
Greater than or equal to 12 inches	12	15
Greater than or equal to 18 inches	1	1

Snow depth data at Wausau dates back to 1931 (79 years of data).

The following years have been classified as a "Brown" Christmas, meaning there was less than 1 inch of snow on the ground at 6 am on Christmas Day morning. The years are: 1943,1953,1960,1979,1988, and 2002.