

Alpena Christmas Day Climate Records

YEAR	DATE	DAY	MAX	MIN	PRECIP	SNOW	SNOW DEPTH
1916	25-Dec	Mon	28	6	0.05	1.0	9
1917	25-Dec	Tue	15	7	0.00	0.0	T
1918	25-Dec	Wed	31	11	0.55	6.0	7
1919	25-Dec	Thu	28	-5	0.00	0.0	6
1920	25-Dec	Sat	26	10	0.00	M	3
1921	25-Dec	Sun	20	-9	0.00	0.0	6
1922	25-Dec	Mon	36	30	M	0.2	7
1923	25-Dec	Tue	37	30	0.04	0.2	0
1924	25-Dec	Thu	15	-3	T	T	3
1925	25-Dec	Fri	24	8	0.03	0.3	1
1926	25-Dec	Sat	29	18	T	0.0	9
1927	25-Dec	Sun	27	22	0.00	0.0	4
1928	25-Dec	Tue	41	29	0.00	0.0	1
1929	25-Dec	Wed	28	18	T	T	20
1930	25-Dec	Thu	34	21	0.00	0.0	2
1931	25-Dec	Fri	32	18	0.02	0.3	5
1932	25-Dec	Sun	48	39	0.09	0.0	0
1933	25-Dec	Mon	14	2	0.02	0.2	15
1934	25-Dec	Tue	30	15	0.00	0.0	7
1935	25-Dec	Wed	17	-13	0.00	0.0	9
1936	25-Dec	Fri	42	34	0.54	0.0	0
1937	25-Dec	Sat	29	22	0.05	0.2	4
1938	25-Dec	Sun	30	21	0.08	0.6	6
1939	25-Dec	Mon	32	26	0.00	0.0	1
1940	25-Dec	Wed	47	26	0.01	0.0	1
1941	25-Dec	Thu	34	25	0.00	0.0	0
1942	25-Dec	Fri	30	20	0.05	0.3	6
1943	25-Dec	Sat	34	20	0.00	0.0	1
1944	25-Dec	Mon	25	12	0.00	0.0	5
1945	25-Dec	Tue	35	26	0.35	0.2	5
1946	25-Dec	Wed	22	17	0.00	0.0	2
1947	25-Dec	Thu	29	25	0.00	0.0	2
1948	25-Dec	Sat	23	2	0.05	0.5	6
1949	25-Dec	Sun	39	9	0.00	0.0	T
1950	25-Dec	Mon	19	4	0.00	0.0	M
1951	25-Dec	Tue	26	-5	0.02	0.2	15
1952	25-Dec	Thu	37	32	0.03	T	0
1953	25-Dec	Fri	40	27	0.00	0.0	0
1954	25-Dec	Sat	42	25	0.21	0.0	8
1955	25-Dec	Sun	M	11	0.00	0.0	7
1956	25-Dec	Tue	29	14	0.00	0.0	0
1957	25-Dec	Wed	34	26	0.20	2.0	2
1958	25-Dec	Thu	18	-11	0.00	0.0	5

1959	25-Dec	Fri	31	24	0.01	0.1	4
1960	25-Dec	Sun	27	17	T	T	2
1961	25-Dec	Mon	34	22	0.00	0.0	2
1962	25-Dec	Tue	22	12	0.08	2.0	7
1963	25-Dec	Wed	31	23	0.02	0.2	4
1964	25-Dec	Fri	33	28	0.01	0.1	T
1965	25-Dec	Sat	26	15	0.03	0.5	3
1966	25-Dec	Sun	19	13	0.05	2.4	6
1967	25-Dec	Mon	29	11	0.20	2.7	3
1968	25-Dec	Wed	12	-8	0.01	0.3	7
1969	25-Dec	Thu	26	11	0.03	0.4	7
1970	25-Dec	Fri	24	16	0.09	1.7	15
1971	25-Dec	Sat	32	15	0.10	0.5	1
1972	25-Dec	Mon	33	28	0.08	1.0	8
1973	25-Dec	Tue	41	29	0.29	T	7
1974	25-Dec	Wed	30	20	0.01	0.7	4
1975	25-Dec	Thu	28	23	T	T	2
1976	25-Dec	Sat	30	16	T	T	6
1977	25-Dec	Sun	29	8	0.01	0.5	1
1978	25-Dec	Mon	31	21	0.03	0.7	7
1979	25-Dec	Tue	33	25	0.06	0.2	T
1980	25-Dec	Thu	20	-10	T	0.1	12
1981	25-Dec	Fri	29	6	T	T	1
1982	25-Dec	Sat	65	38	0.16	0.0	0
1983	25-Dec	Sun	12	3	0.06	1.4	9
1984	25-Dec	Tue	20	1	T	T	3
1985	25-Dec	Wed	11	-18	T	T	13
1986	25-Dec	Thu	36	33	0.01	0.1	T
1987	25-Dec	Fri	36	25	0.01	0.1	9
1988	25-Dec	Sun	32	19	0.01	0.2	T
1989	25-Dec	Mon	25	12	0.06	1.3	16
1990	25-Dec	Tue	26	6	0.04	1.7	3
1991	25-Dec	Wed	33	19	T	T	4
1992	25-Dec	Fri	31	11	0.04	0.7	2
1993	25-Dec	Sat	17	0	T	0.1	T
1994	25-Dec	Sun	47	25	0.00	0.0	0
1995	25-Dec	Mon	24	10	0.04	0.7	13
1996	25-Dec	Wed	18	8	0.03	M	M
1997	25-Dec	Thu	34	31	0.08	1.0	1
1998	25-Dec	Fri	29	10	0.00	0.0	3
1999	25-Dec	Sat	34	16	0.00	T	T
2000	25-Dec	Mon	18	-2	T	1.0	16
2001	25-Dec	Tue	25	17	T	0.5	1
2002	25-Dec	Wed	29	25	T	T	1
2003	25-Dec	Thu	27	21	0.08	5.8	6
2004	25-Dec	Sat	13	-13	T	0.1	11
2005	25-Dec	Sun	35	33	0.11	T	7

2006	25-Dec	Mon	39	29	0.00	0.0	0
2007	25-Dec	Tue	32	27	0.00	0.0	6
2008	25-Dec	Thu	27	9	T	0.2	22
2009	25-Dec	Fri	39	32	0.63	0.0	8
2010	25-Dec	Sat	27	23	T	T	7
2011	25-Dec	Sun	36	29	T	T	1
2012	25-Dec	Tue	28	21	T	0.3	4
2013	25-Dec	Wed	22	-17	0.08	0.7	11
2014	25-Dec	Thu	37	33	0.06	T	0
2015	25-Dec	Fri	42	21	0.00	0.0	0
2016	25-Dec	Sun	34	26	T	T	5
2017	25-Dec	Mon	20	6	0.08	2.3	6
2018	25-Dec	Tue	32	22	T	T	2
2019	25-Dec	Wed	39	34	0.00	0.0	T
2020	25-Dec	Fri	23	20	T	0.3	3
2021	25-Dec	Sat	41	29	T	0.0	T
2022	25-Dec	Sun	23	17	T	T	3
2023	25-Dec	Mon	48	40	0.00	0.0	0
2024	25-Dec	Wed	33	25	0.00	0.0	5

Alpena Christmas Day Climate Extremes:

Warmest Max:	65°	1982
Coldest Max:	11°	1985
Coldest Min:	-18°	1985
Warmest Min:	40°	1932, 2023
Wettest:	0.63"	2009
Snowiest:	6.0"	1918
Greatest Snow Depth:	22"	2008

Number of Days With Max Temp:

< 10°	0
10 to 19°	14
20 to 29°	40
30 to 39°	42
40 to 49°	11
50° or above	1

Number of Days With Min Temp:

< -10°	5
-10 to -1°	7
0 to 9°	16
10 to 19°	28
20 to 29°	40
30° or above	13

Number of Days With Precip:

0.00"	31
Trace	25
0.01 - 0.24"	47
0.25 - 0.49"	2
0.50 - 0.99"	3
1.00" or above	0

Number of Days With Snowfall:

0.0"	37
Trace	20
0.1 - 0.9"	35
1.0 - 4.9"	13
5.0 - 9.9"	2
10.0" or above	0

Period of Record Averages

Avg MaxT	30
Avg MinT	16
Avg Precip	0.05
Avg Snowfall	0.4
Avg Snow Depth	5

Number of White Christmas Occurrences Since 1916:

84

Probability of White Christmas Since 1916:

79%