

Houghton Lake Christmas Day Climate Records

YEAR	DATE	DAY	MAX	MIN	PRECIP	SNOW	SNOW DEPTH
1919	25-Dec	Thu	26	-12	0.00	0.0	2
1920	25-Dec	Sat	24	-13	0.00	0.0	5
1921	25-Dec	Sun	22	-20	0.00	0.0	8
1922	25-Dec	Mon	34	28	0.00	0.0	4
1923	25-Dec	Tue	32	28	0.00	0.1	M
1924	25-Dec	Thu	10	-9	0.00	0.0	6
1925	25-Dec	Fri	26	11	0.15	1.5	11
1926	25-Dec	Sat	29	15	0.00	0.0	9
1927	25-Dec	Sun	26	19	0.00	0.0	2
1928	25-Dec	Tue	33	30	0.00	0.0	6
1929	25-Dec	Wed	30	20	0.05	0.5	9
1930	25-Dec	Thu	36	15	0.00	0.0	3
1931	25-Dec	Fri	35	20	0.15	1.0	1
1932	25-Dec	Sun	48	38	0.15	0.0	0
1933	25-Dec	Mon	19	1	0.00	0.0	5
1934	25-Dec	Tue	30	15	0.00	0.0	7
1935	25-Dec	Wed	19	0	T	T	5
1936	25-Dec	Fri	44	33	0.30	0.0	T
1937	25-Dec	Sat	29	24	0.01	0.2	4
1938	25-Dec	Sun	34	13	0.00	0.0	2
1939	25-Dec	Mon	30	23	T	T	T
1940	25-Dec	Wed	46	30	T	0.0	3
1941	25-Dec	Thu	31	26	0.00	0.0	0
1942	25-Dec	Fri	31	23	0.00	0.0	10
1943	25-Dec	Sat	39	20	0.00	0.0	1
1944	25-Dec	Mon	24	15	0.00	0.0	7
1945	25-Dec	Tue	33	24	0.30	2.7	6
1946	25-Dec	Wed	25	15	0.03	0.6	1
1947	25-Dec	Thu	27	18	T	T	6
1948	25-Dec	Sat	20	0	0.00	0.0	3
1949	25-Dec	Sun	37	13	0.00	0.0	T
1950	25-Dec	Mon	15	5	0.00	0.0	9
1951	25-Dec	Tue	21	3	0.05	1.0	15
1952	25-Dec	Thu	36	29	T	T	1
1953	25-Dec	Fri	38	27	0.00	0.0	2
1954	25-Dec	Sat	37	28	0.00	0.0	7
1955	25-Dec	Sun	44	19	0.00	0.0	7
1956	25-Dec	Tue	31	18	0.00	0.0	2
1957	25-Dec	Wed	32	22	S	T	0
1958	25-Dec	Thu	20	-12	0.01	T	6
1959	25-Dec	Fri	27	23	0.00	0.0	3
1960	25-Dec	Sun	26	11	T	T	2
1961	25-Dec	Mon	28	20	0.00	0.0	5

1962	25-Dec	Tue	16	6	0.05	1.0	6
1963	25-Dec	Wed	32	23	0.06	1.0	5
1964	25-Dec	Fri	34	30	0.03	0.4	T
1965	25-Dec	Sat	25	13	0.05	0.5	5
1966	25-Dec	Sun	21	3	0.04	0.7	5
1967	25-Dec	Mon	28	10	0.05	1.2	2
1968	25-Dec	Wed	13	-8	0.01	0.1	8
1969	25-Dec	Thu	22	10	0.04	1.0	7
1970	25-Dec	Fri	22	14	0.03	0.6	6
1971	25-Dec	Sat	32	20	0.05	0.4	T
1972	25-Dec	Mon	31	27	0.05	0.5	8
1973	25-Dec	Tue	41	25	0.27	0.2	3
1974	25-Dec	Wed	30	18	0.02	0.5	7
1975	25-Dec	Thu	28	21	T	0.1	2
1976	25-Dec	Sat	30	13	0.01	0.3	5
1977	25-Dec	Sun	21	0	0.02	0.4	5
1978	25-Dec	Mon	28	16	0.01	0.5	8
1979	25-Dec	Tue	33	26	0.01	0.1	2
1980	25-Dec	Thu	17	-3	T	0.3	7
1981	25-Dec	Fri	31	5	T	T	2
1982	25-Dec	Sat	59	34	0.09	0.0	0
1983	25-Dec	Sun	7	-1	0.03	0.4	9
1984	25-Dec	Tue	18	-2	T	T	4
1985	25-Dec	Wed	13	-18	0.03	0.6	8
1986	25-Dec	Thu	32	29	T	T	1
1987	25-Dec	Fri	37	26	0.01	0.3	8
1988	25-Dec	Sun	28	15	0.03	0.5	T
1989	25-Dec	Mon	25	8	0.03	0.8	6
1990	25-Dec	Tue	23	6	0.04	1.9	T
1991	25-Dec	Wed	35	25	0.00	0.0	1
1992	25-Dec	Fri	27	10	0.08	1.4	1
1993	25-Dec	Sat	17	0	0.03	1.2	1
1994	25-Dec	Sun	38	26	0.00	0.0	T
1995	25-Dec	Mon	25	15	0.04	0.7	12
1996	25-Dec	Wed	14	7	T	M	M
1997	25-Dec	Thu	34	30	0.03	M	M
1998	25-Dec	Fri	29	10	T	M	M
1999	25-Dec	Sat	31	13	0.00	T	T
2000	25-Dec	Mon	16	-10	T	0.2	13
2001	25-Dec	Tue	23	16	T	0.5	2
2002	25-Dec	Wed	29	24	T	0.0	1
2003	25-Dec	Thu	30	24	0.02	3.0	5
2004	25-Dec	Sat	10	-9	T	T	7
2005	25-Dec	Sun	34	32	T	T	4
2006	25-Dec	Mon	37	32	0.00	0.0	0
2007	25-Dec	Tue	31	24	0.00	0.0	7
2008	25-Dec	Thu	24	15	T	0.2	20

2009	25-Dec	Fri	37	30	0.47	T	7
2010	25-Dec	Sat	26	17	T	T	7
2011	25-Dec	Sun	36	30	0.01	T	T
2012	25-Dec	Tue	27	19	T	T	5
2013	25-Dec	Wed	21	6	0.13	4.5	11
2014	25-Dec	Thu	34	32	T	T	2
2015	25-Dec	Fri	41	24	0.00	0.0	0
2016	25-Dec	Sun	32	28	0.01	T	10
2017	25-Dec	Mon	16	2	0.01	0.3	7
2018	25-Dec	Tue	30	16	0.00	0.0	2
2019	25-Dec	Wed	40	32	0.00	0.0	0
2020	25-Dec	Fri	22	16	0.03	T	4
2021	25-Dec	Sat	41	27	0.00	0.0	0
2022	25-Dec	Sun	17	11	T	T	8
2023	25-Dec	Mon	50	43	0.00	0.0	0

Houghton Lake Christmas Day Climate Extremes:

Warmest Max:	59°	1982
Coldest Max:	7°	1983
Coldest Min:	-20°	1921
Warmest Min:	43°	1932, 2023
Wettest:	0.47"	2009
Snowiest:	4.5"	2013
Greatest Snow Depth:	20"	2008

Number of Days With Max Temp:

< 10°	1
10 to 19°	15
20 to 29°	37
30 to 39°	42
40 to 49°	8
50° or above	2

Number of Days With Min Temp:

< -10°	5
-10 to -1°	7
0 to 9°	15
10 to 19°	32
20 to 29°	32
30° or above	14

Number of Days With Precip:

0.00"	36
Trace	23
0.01 - 0.24"	41
0.25 - 0.49"	4
0.50 - 0.99"	0
1.00" or above	0

Number of Days With Snowfall:

0.0"	39
Trace	21
0.1 - 0.9"	29
1.0 - 4.9"	13
5.0 - 9.9"	0
10.0" or above	0

Period of Record Averages

Avg MaxT	29
Avg MinT	16
Avg Precip	0.03
Avg Snowfall	0.3
Avg Snow Depth	4

Number of White Christmas Occurrences Since 1919:	82
Probability of White Christmas Since 1919:	81%