Historical Climatology: Thunder Bay, Ontario

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Greater Thunder Bay Area

The Greater Thunder Bay area experiences a typical, mid-latitude, continental climate moderated by Lake Superior. Nearer to Lake Superior, summer temperatures ten to be cooler and winter temperatures are generally warmer than areas farther inland at the same latitude. Daily high temperatures typically reach 65 ºF in early to mid-June and are usually felt as late as early September. Summer humidity is much lower than in regions to the south.

Compared to the rest of the Great Lakes basin, winters are bitterly cold but often relatively clear, with snowfall common from November through May. The result is a reliably cold winter that is well-suited to outdoor recreation.

1970-1999 Temperature and Precipitation Summary

Mean Annual Temperature (°F)	34.6
Mean Spring Temperature (°F)	34
Mean Summer Temperature (°F)	59.3
Mean Fall Temperature (°F)	37.9
Mean Winter Temperature (°F)	8.6
Mean Annual Total Precipitation (inches)	24.7
Mean Spring Total Precipitation (inches)	6.1
Mean Summer Total Precipitation (inches)	10.6
Mean Fall Total Precipitation (inches)	8.9
Mean Winter Total Precipitation (inches)	4.6

Changes in Mean 1970-1999 Temperature from 1951-1980 (°F)

Annual	0.5
Spring, March-May	
Summer, June-August	
Fall, September-November	
Winter, December-February	

Change in Mean 1970-1999 Total Precipitation from 1951-1980 (%)

Annual	3.24
Spring, March-May	
Summer, June-August	
Fall, September-November	
Winter, December-February	

More to come