

Climate Graph Instruction Sheet

- Type the following link using Internet Explorer to get the Climate Statistics.
- The pictures below show the screens you will see once you link to the web site.
- The box and arrows explains what you need to do on the web site.

http://www.climate.weatheroffice.ec.gc.ca/climate_normals/index_e.html

- Type the name of a city or town located near your park in the location box and press the search button to get the climate statistics for that place.

The screenshot shows the website interface for Canadian Climate Normals. The browser title is "Canadian Climate Normals 1971-2000 - Microsoft Internet Explorer". The address bar shows the URL: http://www.climate.weatheroffice.ec.gc.ca/climate_normals/index_e.html. The page content includes a navigation menu with links like "Home", "Search", "Weather", "Publications", "Topics", "Contact Us", "Help", "Canada Site", "What's New", and "About Us". The main heading is "Canadian Climate Normals or Averages 1971-2000". Below this, there is a description of climate normals and a search section. The search section has a "Province:" dropdown menu set to "ALL" and a "Search" button. Below that, it says "OR" and "Location:" followed by a text input field and a "Search" button. A red box highlights the "Search" button with the text: "Type the name of a city or town located near your park here and press the search button." An arrow points from the box to the search button. At the bottom, there is a footer with creation and modification dates and the URL.

- After pressing the Search button you should get something similar to this screen.
- There is quite a bit of information on this web page. You only need to copy and include the *Daily Average Temperature (°C)* and the *Precipitation (mm)* as indicated by the arrows below in the example.
- Create a chart with the information and draw you climate graph.

Canadian Climate Normals 1971-2000 - Microsoft Internet Explorer

Address: http://www.climate.weatheroffice.ec.gc.ca/climate_normals/results_e.html?Province=ALL&StationName=Toronto&SearchType=BeginsWith&LocateBy=Province&Proximity=25&Prox...

TORONTO * ONTARIO

Latitude: 43° 40' N Longitude: 79° 24' W Elevation: 112.50 m
Climate ID: 6158350 WMO ID: 71266 TC ID:

* This station meets WMO standards for temperature and precipitation.

Normals from to

January-June January-December+Year July-December

Scroll down until you come across a chart similar to this one. Copy the information for Daily Average Temperature and Precipitation.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code
Temperature:														
Daily Average (°C)	-4.2	-3.2	1.3	7.6	14.2	19.2	22.2	21.3	17.0	10.6	4.8	-0.9	9.2	A
Standard Deviation	2.7	2.5	2.0	1.5	1.9	1.4	1.2	1.2	1.1	1.5	1.4	2.5	0.8	A
Daily Maximum (°C)	-1.1	-0.2	4.6	11.3	18.5	23.5	26.4	25.3	20.7	13.8	7.4	1.8	12.7	A
Daily Minimum (°C)	-7.3	-6.3	-2.0	3.8	9.0	14.8	17.0	17.3	13.2	7.3	2.2	-3.7	5.6	A
Extreme Maximum (°C)	16.1	14.4	26.7	32.2	34.4	36.7	40.6	38.9	37.8	30.0	23.9	19.9		
Date (yyyy/dd)	1967/25	1976/25	1946/28	1842/22	1962/18+	1964/30	1936/08+	1918/13	1953/02	1963/07	1950/01	1982/03		
Extreme Minimum (°C)	-32.8	-31.7	-26.7	-15.0	-3.9	-2.2	3.9	4.4	-2.2	-8.9	-20.6	-30.0		
Date (yyyy/dd)	1850/10	1855/05+	1868/03	1923/01	1854/06+	1842/10+	1843/12	1855/18+	1842/22+	1844/31	1875/30	1933/29		
Precipitation:														
Rainfall (mm)	29.1	26.2	42.0	63.2	73.3	71.5	67.5	79.6	83.4	64.7	67.3	41.9	700.8	A
Snowfall (cm)	38.2	26.6	22.0	6.0	0.0	0.0	0.0	0.0	0.0	0.1	8.1	32.2	133.1	A
Precipitation (mm)	61.2	50.5	66.1	69.6	73.3	71.5	67.5	79.6	83.4	64.7	75.7	71.0	834.0	A
Average Snow Depth (cm)	7	7	3	0	0	0	0	0	0	0	0	3	2	A
Median Snow Depth (cm)	7	6	2	0	0	0	0	0	0	0	0	2	1	A
Snow Depth at Month-end (cm)	7	5	0	0	0	0	0	0	0	0	1	4	1	A
Extreme Daily Rainfall (mm)	63.5	43.4	43.7	59.7	68.6	63.5	98.6	93.5	87.0	86.0	70.5	49.5		
Date (yyyy/dd)	1843/31	1855/13	1881/19	1850/03	1894/21	1957/28	1897/27	1905/15	1843/14	1954/15	1861/02	1870/05		
Extreme Daily Snowfall (cm)	39.0	45.7	48.6	21.1	7.6	0.0	0.0	0.0	0.0	12.2	30.5	48.3		
Date (yyyy/dd)	1906/23	1846/20+	1870/27	1901/20	1875/01	1840/01+	1840/01+	1840/01+	1840/01+	1969/21	1950/24	1944/11		
Extreme Daily Precipitation (mm)	52.3	52.6	43.7	59.7	68.6	63.5	98.6	93.5	87.0	86.0	70.5	49.5		
Date (yyyy/dd)	1932/01	1965/25	1881/19	1850/03	1894/21	1957/28	1897/27	1905/15	1843/14	1954/15	1861/02	1870/05		
Extreme Snow Depth (cm)	65.0	38.0	29.0	19.0	3.0	0.0	0.0	0.0	0.0	13.0	20.0	41.0		
Date (yyyy/dd)	1999/15	1971/14+	2001/06	1979/09	1963/01	1955/01+	1955/01+	1955/01+	1955/01+	1969/21	1997/16	1977/12		
Days with Maximum Temperature:														
<= 0 °C	16.6	14.1	7.0	0.53	0.0	0.0	0.0	0.0	0.0	0.0	1.5	10.2	50.0	A
> 0 °C	14.4	14.1	24.0	29.5	31.0	30.0	31.0	31.0	30.0	31.0	28.5	20.8	315.3	A
> 10 °C	0.60	0.50	5.0	16.6	29.6	30.0	31.0	31.0	30.0	24.3	8.2	1.5	208.2	A

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