

Climatic Data for Stations in the Canadian Arctic

CAMBRIDGE BAY

Latitude 69°07'N—Longitude 105°01'W—Altitude above M.S.L. 47 feet

Month	Air Temperature					Precipitation				Wind		Heating Factor
	Mean Daily	Mean Daily Maximum	Mean Daily Minimum	Highest Recorded	Lowest Recorded	Rain	Snow	Total (Water)	Maximum Fall in 24 Hours	Most Prevalent Direction	Average Speed	Degree-Days Below 65° F
	°F	°F	°F	°F	°F	in.	in.	in.	in.		m.p.h.	No.
Jan....	-27.4	-20.8	-33.9	21	-63	0	2.8	0.28	0.22	W	12.3	2,846
Feb....	-31.4	-26.5	-36.3	11	-59	0	1.7	0.17	0.22	W	10.7	2,684
Mar....	-23.9	-17.1	-30.6	21	-52	0	2.2	0.22	0.23	W	10.6	2,675
Apr....	-6.2	2.0	-14.4	43	-42	1	1.8	0.18	0.12	N, NW	12.3	2,157
May....	15.2	21.7	8.7	45	-31	0.02	2.4	0.26	0.21	NW	12.7	1,541
June....	34.9	40.0	29.8	72	6	0.41	2.6	0.67	0.61	N	12.9	897
July....	46.2	53.4	39.0	75	30	0.80	0.1	0.81	0.80	N	12.9	561
Aug....	44.8	50.6	38.9	76	26	0.93	1	0.93	0.97	E	12.8	642
Sept....	32.0	35.8	28.1	60	7	0.32	2.9	0.61	0.41	E, NW	13.4	999
Oct....	11.8	17.6	5.9	39	-25	0.03	4.2	0.45	0.37	NW	14.0	1,652
Nov....	-12.0	-5.7	-18.3	27	-44	1	3.3	0.33	0.17	W	12.0	2,277
Dec....	-22.2	-16.1	-28.3	18	-57	0	2.4	0.24	0.16	W	10.8	2,697
Year...	5.2	11.2	-0.9	76	-63	2.51	26.4	5.15	0.97		12.3	31,628
Period	1951-60			1935-60		1951-60				1951-60	1935-60	

¹ Average of less than 0.005 in.² Average of less than 0.05 in.

CHESTERFIELD

Latitude 63°20'N—Longitude 90°43'W—Altitude above M.S.L. 21 feet

Month	Air Temperature					Precipitation				Wind		Heating Factor
	Mean Daily	Mean Daily Maximum	Mean Daily Minimum	Highest Recorded	Lowest Recorded	Rain	Snow	Total (Water)	Maximum Fall in 24 Hours	Most Prevalent Direction	Average Speed	Degree-Days Below 65° F
	°F	°F	°F	°F	°F	in.	in.	in.	in.		m.p.h.	No.
Jan....	-24.4	-17.5	-31.3	31	-60	0	2.9	0.29	0.40	N	15.3	2,794
Feb....	-25.0	-18.4	-31.6	31	-57	0	1.9	0.19	0.15	N	14.2	2,559
Mar....	-12.1	-4.2	-19.9	30	-52	0	2.9	0.29	0.33	N	12.9	2,440
Apr....	3.5	12.4	-5.5	42	-38	0	4.2	0.42	0.30	N	13.2	1,878
May....	22.3	27.8	16.7	45	-17	0.13	2.8	0.41	0.44	N	14.9	1,361
June....	37.2	42.9	31.5	81	5	0.88	0.8	0.96	0.76	N	11.8	849
July....	47.7	55.4	39.9	84	26	1.64	0	1.64	0.85	N	11.7	530
Aug....	47.8	53.3	41.7	86	27	1.70	0	1.70	1.19	N	13.0	549
Sept....	37.1	40.9	33.2	67	9	1.53	1.3	1.66	1.33	N	15.2	840
Oct....	21.7	26.7	16.6	49	-22	0.43	5.4	0.97	0.61	N	17.1	1,345
Nov....	1.2	8.0	-5.6	49	-38	0.01	5.1	0.52	0.34	NW	14.9	1,941
Dec....	-15.5	-8.0	-23.0	24	-54	0	4.7	0.47	1.10	N	15.6	2,492
Year...	11.8	18.3	5.2	86	-60	6.32	32.0	9.52	1.33		14.2	19,668
Period	1951-60			1921-60		1951-60				1951-60	1931-60	