



DAILY TEMPERATURE AND PRECIPITATION SUMMARY

Saskatchewan Research Council Climate Reference Station

Saskatoon, Saskatchewan



DECEMBER

59°09' N 106°36' W 497 m asl

2009

DATE		TEMPERATURE				DEGREE-DAYS					PRECIP.	COMMENTS
JD	CD	Maximum	Minimum	Mean	1971-2000	FROST-FREE GROWING base 5	GROWING base 5	HEATING base 18	COOLING base 18	EXTREME COOLING base 24	Belfort Weighing Gauge mm	PRELIMINARY
		Temperature °C	Temperature °C	Temperature °C	Normal Mean Temperature °C							
335	1	-0.6	-7.4	-4.0	-11.1	0.0	0.0	22.0	0.0	0.0	T	
336	2	-6.8	-13.8	-10.3	-11.0	0.0	0.0	28.3	0.0	0.0	0.2	snow
337	3	-9.3	-16.9	-13.1	-11.7	0.0	0.0	31.1	0.0	0.0	0.2	
338	4	-11.3	-19.2	-15.3	-11.9	0.0	0.0	33.3	0.0	0.0		
339	5	-9.2	-15.3	-12.3	-13.4	0.0	0.0	30.3	0.0	0.0	0.5	
340	6	-11.6	-19.5	-15.6	-12.8	0.0	0.0	33.6	0.0	0.0	0.3	
341	7	-18.6	-28.4	-23.5	-13.0	0.0	0.0	41.5	0.0	0.0		SOG = 1 cm
342	8	-22.2	-31.8	-27.0	-13.9	0.0	0.0	45.0	0.0	0.0	0.3	
343	9	-21.2	-28.1	-24.7	-14.5	0.0	0.0	42.7	0.0	0.0		
344	10	-18.7	-26.4	-22.6	-14.1	0.0	0.0	40.6	0.0	0.0	T	
345	11	-15.7	-30.0	-22.9	-13.3	0.0	0.0	40.9	0.0	0.0	T	
346	12	-28.4	-33.0	-30.7	-14.3	0.0	0.0	48.7	0.0	0.0		
347	13	-27.7	-33.9	-30.8	-14.0	0.0	0.0	48.8	0.0	0.0		
348	14	-24.5	-31.4	-28.0	-13.7	0.0	0.0	46.0	0.0	0.0		
349	15	-19.0	-32.9	-26.0	-14.0	0.0	0.0	44.0	0.0	0.0		
350	16	-10.9	-22.1	-16.5	-13.6	0.0	0.0	34.5	0.0	0.0		
351	17	-8.2	-19.7	-14.0	-13.8	0.0	0.0	32.0	0.0	0.0		
352	18	-8.0	-17.0	-12.5	-14.0	0.0	0.0	30.5	0.0	0.0		
353	19	-7.3	-9.7	-8.5	-14.2	0.0	0.0	26.5	0.0	0.0		
354	20	-4.5	-18.6	-11.6	-13.8	0.0	0.0	29.6	0.0	0.0		
355	21	-14.8	-23.4	-19.1	-14.0	0.0	0.0	37.1	0.0	0.0	0.2	
356	22	-11.9	-16.1	-14.0	-14.4	0.0	0.0	32.0	0.0	0.0	1.7	
357	23	-12.4	-23.7	-18.1	-14.5	0.0	0.0	36.1	0.0	0.0	3.1	
358	24	-20.7	-27.9	-24.3	-14.9	0.0	0.0	42.3	0.0	0.0	0.2	
359	25	-16.2	-28.2	-22.2	-14.2	0.0	0.0	40.2	0.0	0.0		
360	26	-14.5	-26.2	-20.4	-13.1	0.0	0.0	38.4	0.0	0.0		
361	27	-9.0	-16.5	-12.8	-13.0	0.0	0.0	30.8	0.0	0.0		
362	28	-9.4	-13.6	-11.5	-15.4	0.0	0.0	29.5	0.0	0.0		
363	29	-11.9	-18.3	-15.1	-16.5	0.0	0.0	33.1	0.0	0.0		
364	30	-12.7	-18.3	-15.5	-16.3	0.0	0.0	33.5	0.0	0.0	0.2	
365	31	-17.5	-31.8	-24.7	-17.1	0.0	0.0	42.7	0.0	0.0	0.3	SOG = 10 cm
TOTAL		-434.7	-699.1	-567.6		0.0	0.0	1125.6	0.0	0.0	7.2	TOTAL
MEAN		-14.0	-22.6	-18.3		0.0	0.1	987.7	0.0	0.0	18.3	MONTHLY NORMAL
NORMAL		-9.0	-18.6	-13.9		1409.3	1646.3	5948.4	122.3	2.1	319.3	YEAR-TO-DATE TOTAL
EXTREME		-0.6	-33.9			1345.3	1672.9	5809.0	119.1	5.3	348.2	YEAR-TO-DATE NORMAL

Degree Days

Growing = (Tp-5°C), for that day If Tp is equal to or less than 5°C, GDD = 0

Tp = Mean Temperature

Frost-free Growing = Growing D-D during the period when the minimum temperature is continuously >0°C

T = trace of precipitation

Heating = (18°C-Tp), for that day If Tp is equal to or greater than 18°C, HDD = 0

Normal = 30 year average of the 1971-2000 period

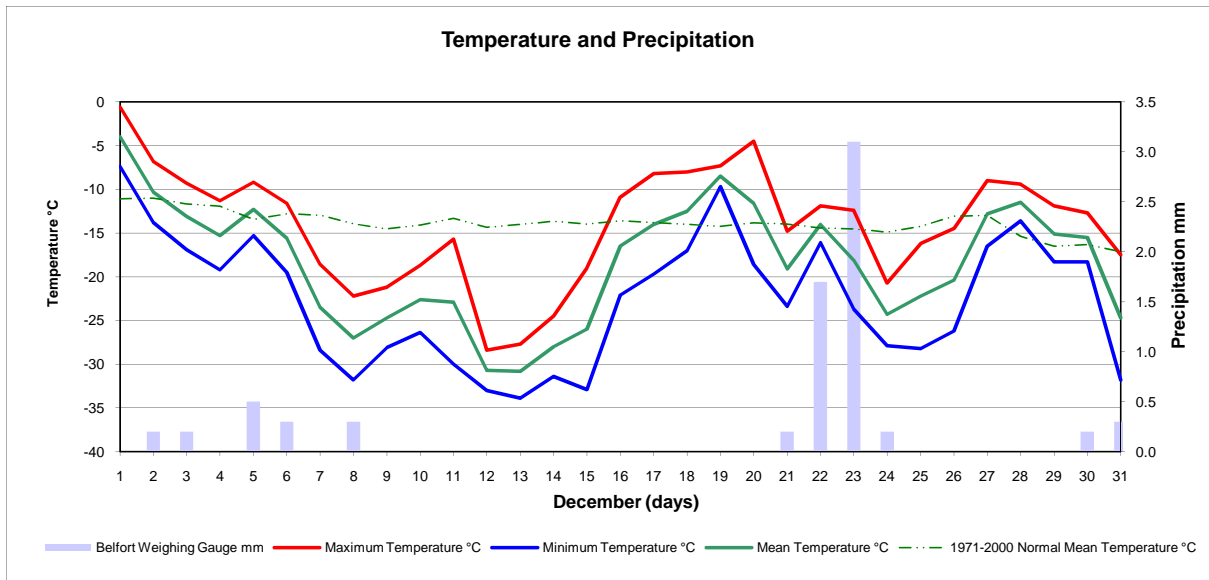
Cooling = (Tp-18°C), for that day If Tp is equal to or less than 18°C, CDD = 0

SOG = depth of snow-on-the-ground

Extreme Cooling = (Tp-24°C), for that day If Tp is equal to or less than 24°C, XCDD = 0

JD = Julian Date

CD = Calendar Date



Data shall not be published, copied, placed in a retrieval system or distributed whole or in part without prior written consent of the SRC. All references made to the data shall be acknowledged.

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