

CLIMATOLOGICAL SUMMARY FOR DECEMBER 1980

AT WINNIPEG, MANITOBA

The month was on the dry side with only 11.0 mm of precipitation as compared to the normal 22.9. Only 8.8 cm of snow fell which is much below normal. The mean temperature was almost 2 degrees below the normal. The warmest day was the 27th with a maximum of 6.4 while the coldest night was the 24th with a minimum of minus 30.3. There were 99.9 hours of bright sunshine while the average wind speed was 17.9 Km/h. A new all time mean station pressure record was set as well as a new greatest station pressure recorded on the 20th and 24th.

DAILY WEATHER SUMMARY FOR DECEMBER 1980

AT WINNIPEG, MANITOBA

All Times Central Standard
Not Daylight

1. Cold. Sunny. Moderate NW winds gusting to 50 Km/h.
2. Cold. Sunny. Light winds.
3. Slightly below normal temperatures. Cloudy. Snow 9:05 a.m. to 7:10 p.m. Visibility restricted in snow. Moderate ESE winds gusting to 37 Km/h.
4. Mild. Cloudy clearing late morning. Ice pellets 2:59 a.m. to 3:16 a.m. Freezing rain 4:58 a.m. to 5:42 a.m. Snow 5:07 a.m. to 6:50 a.m. Moderate ESE winds gusting to 44 Km/h.
5. Mild. Cloudy. Fog in morning. Visibility restricted. Freezing rain 4:45 a.m. to 6:00 a.m. Freezing drizzle 6:00 a.m. to 6:15, 11:00 a.m. to 3:40 p.m. Snow 4:45 a.m. to 9:45 a.m., 9:17 p.m. continued. Snow grains 5:20 p.m. to 9:17 p.m. Heavy fog 9:50 a.m. to 10:22 a.m. Roads icy. Mostly light winds but North gusts to 37 Km/h in evening. Visibility restricted late evening in snow.
6. Cold. Mostly sunny. Moderate NNW winds gusting to 35 Km/h. Snow to 2:24 a.m. Ice crystals 9:53 p.m. to 10:10 p.m. Visibility restricted in morning.
7. Cold. Cloudy clearing early afternoon. Snow 8:55 a.m. to 12:13 p.m. Light winds.
8. Cold. Cloudy clearing mid morning. Snow 2:36 a.m. to 3:24 a.m. Light winds.
9. Cold. Partly cloudy. Snow 00:09 a.m. to 5:13 a.m., 3:20 p.m. to 3:25 p.m. Ice crystals 3:25 p.m. to 9:53 p.m. Moderate NNW winds gusting to 48 Km/h. Visibility restricted in snow and ice crystals. Drifting snow.
10. Cold. Sunny. Mostly light winds.
11. Cold. Cloudy. Ice crystals 4:55 a.m. to 5:45 a.m. Snow 9:11 a.m. to 6:20 p.m., 9:40 continued. Mostly light winds but S gusts to 50 Km/h in evening. Drifting snow. Visibility restricted in snow.
12. Normal temperatures. Partly cloudy. Snow to 2:40 a.m., 9:33 a.m. to 1:18 p.m. Blowing snow 9:52 a.m. to 1:21 p.m. Drifting snow. moderate NNW winds gusting to 83 Km/h in morning. Visibility restricted in snow and blowing snow.
13. Normal temperatures. Partly cloudy. Snow 7:10 a.m. to 7:20 a.m. Mostly light winds but NNW gusts to 56 Km/h in afternoon.
14. Below normal temperatures. Sunny becoming cloudy early afternoon. Mostly light winds.
15. Near normal temperatures. Mostly cloudy. Snow 2:13 a.m. to 11:27 a.m. Mostly light winds.
16. Above normal temperatures. Cloudy. Ice crystals 2:29 a.m. to 2:55 a.m. Snow 3:05 a.m. to 5:58 p.m. Ice pellets 5:58 p.m. to 6:07 p.m. Snow or snow grains 6:07 p.m. to 9:49 p.m. Snow 11:32 p.m. to 11:48 p.m., freezing drizzle 8:09 p.m. to 8:35 p.m., freezing rain 9:28 p.m. to 10:33 p.m., 11:32 p.m. continued. Rain 10:54 p.m. to 11:32 p.m. Moderate S winds gusting to 69 Km/h. Drifting snow. Roads very dangerous.
17. Mild. Cloudy. Freezing rain to 0:28 a.m., 1:44 a.m. to 4:14 a.m. Rain 0:28 a.m. to 2:10 a.m., 3:48 a.m. to 7:27 a.m. Snow 6:47 a.m. to 8:37 a.m. Snow or flurries 10:21 a.m. to 3:31 p.m., 7:51 p.m. to 9:53 p.m. Fog in morning. Blowing snow 1:35 p.m. to 1:54 p.m., 9:11 p.m. to 10:30 p.m., drifting snow in evening. Moderate winds gusting to 78 Km/h. Fog in morning. Visibility reduced. Roads dangerous. Numerous accidents.
18. Cold. Sunny. Becoming cloudy late morning. Snow 12:04 p.m. to 4:19 p.m. Blowing snow 9:13 a.m. to 1:43 p.m. Moderate NW winds gusting to 74 Km/h. Visibility reduced late morning and afternoon. Drifting snow afternoon and evening.
19. Cold. Mostly sunny. Ice crystals 8:30 a.m. to 10:50 a.m. Mostly light winds but NW gusts to 41 Km/h and drifting snow late morning and afternoon.
20. Cold. Mostly sunny. Light winds. Record breaking high station pressure.
21. Cold. Mostly cloudy. Snow 4:31 p.m. to 9:35 p.m. Light winds. Visibility restricted in snow.
22. Below normal temperatures. Cloudy. Mostly light winds. Ice crystals 2:00 a.m. to 2:58 a.m., 7:18 a.m. to 9:20 a.m. Snow 10:21 a.m. to 9:17 p.m., 11:51 continued. Light fog in morning.
23. Cold. Partly cloudy. Snow to 8:20 a.m. Moderate NNW winds gusting to 39 Km/h. Drifting snow till evening.
24. Cold. Sunny. Mostly light winds. Record breaking high station and Sea Lev.P.
25. Cold. Cloudy. Snow 4:38 a.m. to 6:09 p.m. Moderate S winds gusting to 59 Km/h. Blowing snow 7:35 a.m. to 7:45 a.m. Drifting snow most of day. Light fog in afternoon. Visibility restricted morning and afternoon. Young man found frozen to death on Winnipeg street.
26. Cold. Sunny becoming cloudy in afternoon. Ice crystals 9:04 a.m. to 11:51 a.m. Snow 10:49 p.m. to 11:40 p.m. Mostly light winds but S gusts to 67 Km/h late evening. Blowing snow 11:30 p.m. continued. Drifting snow in evening. Smoke aloft early morning.
27. Mild. Record breaking high temperatures. Cloudy. Snow 0:14 a.m. to 5:37 a.m. Blowing snow to 5:40 p.m. Visibility restricted. Moderate S winds gusting to 74 Km/h.
28. Mild. Cloudy. Mostly light winds. Smoke over city late evening.
29. Mild. Cloudy. Mostly light winds but SSE gusts to 61 Km/h early evening. Smoke over city in morning.
30. Mild. Cloudy. Fog late morning continued. Visibility severely restricted. Snow 9:35 p.m. to 11:03 p.m. Mostly light winds but SSE gusts to 43 early morning.
31. Mild. Cloudy. Fog till mid morning. Snow 0:06 a.m. to 3:39 a.m., 8:10 a.m. to 8:55 a.m., 2:08 p.m. to 10:32 p.m. Visibility restricted in snow and fog. Mostly light winds but N gusts to 63 Km/h late evening. Drifting snow in evening.

HOURLY METEOROLOGICAL TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF DECEMBER 1980

LOCAL STANDARD TIME

ALL TEMPERATURES IN DEGREES CELSIUS

DATE	00.	01.	02.	03.	04.	05.	06.	07.	08.	09.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	
1	-21.7	-21.8	-21.7	-21.5	-21.3	-21.5	-21.5	-22.1	-22.4	-22.2	-21.9	-21.5	-21.0	-21.2	-21.0	-21.2	-21.7	-22.7	-23.0	-23.0	-23.0	-23.1	-25.0	-24.3	-23.5
2	-23.4	-23.3	-22.8	-23.3	-24.2	-25.0	-25.2	-25.1	-23.8	-23.0	-21.2	-20.0	-19.6	-18.7	-18.5	-18.5	-18.9	-19.0	-19.0	-18.7	-17.9	-18.0	-18.3	-18.4	
3	-17.9	-17.2	-16.9	-16.0	-15.1	-14.6	-14.3	-13.6	-13.0	-13.2	-13.0	-12.2	-11.7	-10.8	-10.2	-9.5	-9.1	-8.9	-8.7	-8.9	-9.0	-8.8	-8.6	-8.2	
4	-8.1	-7.8	-7.3	-6.9	-6.9	-6.8	-6.8	-6.8	-6.8	-6.8	-6.7	-6.6	-5.5	-4.8	-4.4	-3.8	-3.5	-4.1	-4.4	-4.4	-4.4	-4.3	-4.1	-3.2	
5	-2.6	-2.2	-2.0	-1.7	-1.4	-1.5	-1.1	-1.1	-1.0	-1.0	-0.8	-3.0	-3.7	-4.1	-5.4	-6.2	-7.8	-8.9	-9.7	-10.2	-11.1	-11.5	-11.9	-12.1	
6	-12.5	-13.0	-13.0	-13.3	-13.4	-13.9	-14.4	-15.4	-16.8	-16.8	-16.5	-15.8	-15.5	-15.0	-15.0	-15.3	-16.1	-17.5	-17.7	-18.5	-18.9	-18.7	-19.5	-19.9	
7	-19.5	-19.2	-19.9	-20.0	-19.3	-19.3	-19.5	-19.0	-18.9	-18.6	-18.1	-17.4	-18.3	-17.7	-17.4	-17.5	-18.1	-19.1	-19.5	-20.1	-19.6	-20.3	-20.6	-20.4	
8	-20.4	-20.1	-18.9	-17.4	-16.5	-16.0	-15.4	-15.0	-14.7	-14.6	-14.2	-14.3	-13.9	-13.6	-13.3	-13.3	-13.2	-14.3	-15.5	-15.7	-15.9	-15.0	-15.2	-14.5	
9	-13.6	-13.4	-13.5	-14.0	-14.9	-16.5	-18.5	-21.5	-22.2	-23.0	-22.6	-22.3	-22.2	-22.8	-23.1	-23.1	-22.6	-22.4	-21.9	-21.4	-21.2	-21.1	-21.7	-22.7	
10	-23.4	-24.1	-24.8	-25.0	-25.5	-26.4	-26.6	-27.5	-27.0	-26.9	-25.9	-24.7	-24.2	-23.9	-23.0	-23.4	-23.6	-24.5	-24.7	-25.3	-24.5	-23.4	-22.7	-22.4	
11	-22.0	-22.0	-21.8	-21.5	-21.6	-21.0	-20.7	-20.2	-19.8	-19.4	-18.9	-17.8	-17.1	-16.9	-16.4	-16.0	-15.8	-15.5	-15.4	-15.1	-14.6	-14.0	-13.1	-12.2	
12	-11.2	-10.6	-10.1	-9.6	-10.7	-10.6	-12.2	-8.0	-9.1	-10.7	-13.2	-14.3	-9.4	-8.4	-9.0	-9.5	-10.7	-13.0	-14.4	-15.0	-14.7	-17.0	-19.0	-19.0	
13	-21.0	-21.7	-22.1	-21.5	-20.5	-20.6	-18.6	-16.5	-15.4	-14.8	-13.5	-11.0	-9.4	-16.0	-14.5	-14.3	-13.9	-14.2	-14.3	-13.8	-13.7	-14.4	-14.5	-13.2	
14	-18.6	-19.5	-19.7	-19.9	-20.4	-20.0	-20.0	-20.4	-21.1	-21.1	-18.8	-17.7	-16.5	-11.1	-10.4	-11.6	-13.8	-10.7	-10.6	-10.6	-10.6	-11.8	-15.5	-17.7	
15	-12.6	-11.9	-11.2	-10.8	-10.6	-10.2	-9.9	-9.6	-9.2	-9.0	-8.8	-8.9	-9.5	-6.2	-5.5	-5.0	-4.7	-4.2	-4.1	-3.8	-3.2	-2.6	-1.7	-1.3	
16	-18.3	-19.3	-20.1	-19.0	-14.6	-10.9	-10.3	-9.2	-9.0	-9.0	-8.3	-7.5	-7.1	-7.4	-8.1	-9.0	-9.8	-11.1	-12.2	-12.7	-11.7	-11.8	-13.5	-14.3	
17	-1.1	-2	-1	-3	-1	0.0	1.8	0.0	-1.3	4.5	5.4	6.8	7.3	-2.0	-2.1	-2.9	-2.1	-2.3	-2.5	-2.4	-2.6	-2.5	-2.8	-2.3	
18	-15.3	-15.6	-18.1	-19.2	-20.2	-21.1	-22.3	-23.3	-23.6	-23.5	-23.0	-22.2	-22.1	-23.0	-23.5	-23.7	-23.8	-24.7	-24.5	-24.5	-24.2	-24.2	-24.6	-24.6	
19	-23.5	-23.7	-23.9	-24.2	-24.8	-24.8	-25.1	-24.6	-25.5	-25.5	-24.0	-23.7	-23.3	-20.8	-19.8	-19.5	-20.0	-21.3	-23.7	-24.9	-23.2	-23.7	-23.4	-24.2	
20	-26.0	-25.6	-24.9	-25.2	-25.5	-25.6	-26.2	-26.2	-26.3	-26.3	-25.2	-24.0	-22.2	-20.8	-19.8	-19.5	-20.0	-21.3	-23.7	-24.9	-23.2	-23.7	-23.4	-24.2	
21	-25.8	-26.7	-25.4	-25.0	-26.5	-25.0	-24.0	-22.7	-21.8	-21.1	-20.5	-18.9	-17.8	-16.8	-15.9	-15.5	-15.4	-15.0	-14.5	-14.4	-14.3	-14.4	-15.8	-16.5	
22	-16.3	-16.3	-18.2	-18.5	-19.7	-20.0	-19.9	-21.7	-22.3	-21.0	-19.7	-17.3	-16.2	-15.3	-15.2	-15.9	-15.5	-15.4	-15.4	-15.4	-15.7	-16.0	-16.3	-16.7	
23	-16.8	-16.9	-17.0	-17.4	-17.5	-17.5	-17.7	-18.3	-20.0	-20.3	-20.9	-21.0	-20.9	-21.3	-21.4	-21.3	-22.8	-24.5	-26.0	-28.0	-28.5	-29.8	-29.4	-29.4	
24	-29.0	-29.8	-29.7	-29.2	-30.2	-28.5	-28.1	-28.3	-28.1	-28.1	-28.4	-26.7	-26.0	-25.0	-24.1	-23.7	-23.0	-24.0	-24.3	-25.0	-25.0	-26.0	-26.5	-26.8	
25	-27.0	-26.4	-25.4	-23.7	-22.2	-21.7	-20.8	-20.3	-19.6	-19.1	-18.7	-17.8	-16.6	-15.4	-15.0	-15.8	-15.9	-16.2	-17.1	-19.9	-20.6	-21.4	-22.1	-23.1	
26	-25.0	-25.1	-26.4	-26.1	-27.2	-28.0	-27.8	-27.6	-26.2	-26.4	-23.6	-22.8	-21.9	-21.4	-20.3	-19.5	-19.1	-18.5	-18.0	-17.6	-17.2	-16.6	-15.5	-14.3	
27	-13.0	-12.5	-11.5	-10.7	-9.7	-9.0	-8.6	-8.2	-8.2	-7.7	-7.3	-6.4	-5.3	-4.2	-3.2	-2.3	-2.2	-1.0	-1.1	1.8	1.9	2.8	3.2	2.0	
28	6	-3.0	-5.7	-7.8	-8.9	-10.5	-12.0	-12.0	-12.1	-12.5	-10.0	-8.8	-8.2	-7.8	-7.8	-8.3	-8.9	-10.1	-10.9	-11.8	-13.7	-13.2	-13.3	-14.4	
29	-13.1	-12.6	-12.0	-11.7	-11.6	-12.1	-12.2	-12.1	-12.1	-11.7	-11.3	-10.5	-9.9	-9.1	-8.5	-7.8	-7.2	-6.7	-6.2	-7.2	-7.2	-7.0	-6.4	-5.8	
30	-5.3	-4.9	-5.6	-5.2	-4.6	-4.5	-4.2	-4.1	-4.3	-4.7	-4.8	-4.5	-4.0	-3.7	-3.7	-3.8	-4.0	-4.0	-4.5	-4.6	-4.5	-4.4	-4.2	-4.1	
31	-4.1	-4.1	-4.2	-3.8	-4.0	-4.5	-5.2	-5.7	-5.8	-5.8	-4.5	-4.0	-3.4	-2.9	-2.0	-1.4	-1.0	-1.1	-1.2	-1.9	-2.3	-3.2	-4.6	-8.1	
MEAN	-16.3	-16.4	-16.5	-16.3	-16.3	-16.2	-16.4	-16.2	-16.4	-16.2	-15.6	-15.0	-14.6	-14.2	-13.9	-13.9	-14.1	-14.5	-14.8	-13.5	-15.1	-15.3	-15.6	-15.8	

17	S	SSW	SSW	SW	W	N	N	NNE	NNE	N	NNW	N	NNW	NNW	NNW	NNW	NNW	W	W	WNW	NW	NW	22 CST	NW	78
	37	26	22	15	17	39	37	41	17	37	33	37	37	33	41	31	17	2	19	43	50	33			
18	NW	NW	NNW	N	N	NNW	N	NNW	NW	NW	NW	NW	NW	NW	NW	NNW	NW	NNW	NW	NNW	NNW	NW	13 CST	NW	74
	24	33	19	24	30	26	17	24	19	22	33	54	44	52	44	44	37	37	31	41	39	28			
19	NW	NW	NNW	NW	NW	NNW	W	WNW	NNW	NW	NW	NW	NW	NW	NNW	W	W	W	W	W	W	W	19 CST	NW	41
	28	31	24	15	17	17	9	4	7	17	28	28	26	28	24	4	2	2	13	15	13	9			
20	C	W	W	WSW	C	W	W	C	C	C	C	C	C	C	C	WSW	WSW	W	W	W	W	C			
	0	9	15	7	0	6	13	0	0	0	0	0	0	0	0	2	2	2	2	2	2	0			
21	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	ESE	ESE	ESE	SE	SE	SE	ESE			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	13	13	11	13	13	13	11			
22	ESE	E	E	E	NE	NE	NNE	NE	NNE	NNE	N	NNE	N	NNE	N	N	N	N	N	NNE	N	NNE			
	13	11	9	11	7	11	9	13	9	15	19	15	20	24	17	19	22	19	22	22	22	17			
23	NNE	NNE	N	N	N	NNW	NNW	N	N	NE	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	17 CST	NNW	39
	20	17	22	20	17	15	11	17	15	22	22	26	26	28	30	22	28	19	19	19	15	19			
24	NW	NNW	NNW	NW	W	W	W	W	W	WSW	W	W	WSW	W	W	WSW	WSW	WSW	WSW	WSW	SSW	SSW	10 CST	W	33
	19	11	15	13	9	19	20	20	22	20	28	17	13	19	15	13	13	15	19	19	17	22			
25	S	S	S	S	S	S	S	S	S	S	S	S	SSW	SW	NNW	N	NNE	NNE	N	N	N	N	06 CST	S	59
	24	30	28	30	35	44	39	30	30	26	28	20	20	13	20	30	22	26	24	20	22	24			
26	N	NW	NNW	NW	N	NNW	NW	ENE	NE	C	SSE	S	SE	SSE	S	S	S	SSE	SSE	SSE	SSE	S	00 CST	S	67
	11	13	6	9	7	4	9	6	7	2	0	2	2	11	17	19	24	22	26	33	31	37			
27	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SSW	SSW	SSW	WSW	W	13 CST	S	74
	44	44	41	41	44	44	41	37	41	44	43	41	43	52	50	52	43	43	41	35	30	20			
28	NW	N	N	ENE	NE	NW	C	NNW	NE	ENE	ENE	NE	NNE	NE	ENE	NE	NE	NE	NE	NE	N	C	01 CST	NW	39
	26	22	15	20	19	15	11	9	0	4	6	15	9	13	19	22	17	13	7	6	4	0			
29	C	C	C	C	ESE	SSE	SE	SE	SE	SSE	SSE	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	18 CST	SSE	61
	0	0	0	0	2	9	6	7	13	19	19	24	30	30	31	39	33	30	33	26	30	31			
30	SSE	SSE	SSE	SSE	SE	SE	ESE	C	N	NNE	NW	NNW	NNW	W	C	C	NNW	N	NNW	N	NNW	N	01 CST	SSE	43
	31	30	24	19	11	11	9	6	0	4	6	9	9	15	13	11	0	2	15	20	13	9			
31	NW	NNW	NW	NNW	NNE	NNE	NE	C	NW	NNW	NNW	W	WSW	W	NNW	NNW	N	N	N	N	N	N	22 CST	N	63
	11	11	6	19	26	20	15	6	4	0	13	9	13	7	9	24	24	24	31	24	31	24			

MEAN 17.116.915.915.515.815.514.314.215.116.720.520.221.922.521.619.918.718.718.219.119.518.917.0