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MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS JUNE / JUIN

19 80

AT/A WINNIPEG INT'L AIRPORT / A L'AEROPORT INTERN. DE WINNIPEG

LAT: 49° 54' N		LONG: 97° 14' W		ELEVATION: 239.6 METRES (ASL) ALTITUDE: 239.6 MÈTRES (NMM)		STANDARD TIME USED: CENTRAL HEURE NORMALE UTILISÉE:													
DATE	TEMPERATURE TEMPÉRATURE			DEGREE-DAYS DEGRÉS-JOURS		REL. HUMIDITY HUMIDITÉ REL.		THUNDERSTORM ORAGE	PRECIPITATION PRÉCIPITATIONS			SNOW ON GROUND NEIGE AU SOL	WIND VENT			BRIGHT SUNSHINE INSOLATION EFFECTIVE HEURES			
	MAXIMUM MAXIMALE	MINIMUM MINIMALE	MEAN MOYENNE	HEATING DE CHAUFFE	GROWING DE CROISSANCE	MAXIMUM MAXIMALE	MINIMUM MINIMALE		RAINFALL PLUIE (HAUTEUR)	SNOWFALL NEIGE (HAUTEUR)	TOTAL PRECIP. PRÉCIP. TOTALE		AVERAGE SPEED VITESSE MOYENNE	PREVAILING DIRECTION DOMINANTE	MAXIMUM SPEED AND DIRECTION VITESSE MAXIMALE ET DIRECTION				
	°C	°C	°C	BASE 18.0°C	BASE 5.0°C	%	%		mm	cm	mm		km/h		km/h				
1	16.1	3.8	10.0	8.0	5.0	95	40						18.9 N	N 30*	15.3				
2	18.5	0.8	9.7	8.3	4.7	90	40						12.4 N	NNE30	13.3				
3	23.9	2.8	13.4	4.6	8.4	88	26						15.8 E	E 30*	14.7				
4	25.4	15.6	20.5	0.0	15.5	67	45		Tr.	Tr.			33.8 SE	SE 46	6.0				
5	27.5	15.7	21.6	0.0	16.6	84	32		Tr.	Tr.			17.2 S	WNW26	6.4				
6	20.9	5.8	13.4	4.6	8.4	68	45						27.6 N, W	NNE41	9.5				
7	17.2	5.8	11.5	6.5	6.5	69	35						28.9 NNE	NE 46	12.0				
8	22.7	7.1	14.9	3.1	9.9	77	26		Tr.	Tr.			24.0 NW	NW 43	12.3				
9	25.0	9.8	17.4	0.6	12.4	82	40						13.6 NE	NE 28*	13.7				
10	26.0	4.6	15.3	2.7	10.3	84	25						7.6 SE	ESE15*	14.6				
11	32.3	14.7	23.5	0.0	18.5	53	26						27.7 S	S 50	8.4				
12	25.3	16.0	20.7	0.0	15.7	96	47		2.2	2.2			25.5 S	S 41	6.4				
13	23.8	10.8	17.3	0.7	12.3	93	35		Tr.	Tr.			14.9 ENE	ENE24*	4.8				
14	18.0	5.7	11.9	6.1	6.9	82	60		Tr.	Tr.			22.8 NE	NE 37*	6.1				
15	21.5	0.8	11.2	6.8	6.2	90	18						10.2 NE	E 19*	16.0				
16	27.7	6.0	16.9	1.1	11.9	79	18						11.9 W	WNW28	15.5				
17	19.9	10.3	15.1	2.9	10.1	82	39						24.4 NE	NNE41	4.2				
18	19.9	5.5	12.7	5.3	7.7	84	36						13.1 E, ENE	NE 20*	12.0				
19	25.5	4.0	14.8	3.2	9.8	85	20						4.4 WNW	WSW15	14.2				
20	27.8	10.7	19.3	0.0	14.3	90	31	1	7.8	7.8			19.6 S, SSW	SSW37	7.2				
21	27.0	12.0	19.5	0.0	14.5	98	34						8.9 NW,	N 24	13.7				
22	34.4	15.7	25.1	0.0	20.1	85	16		0.2	0.2			19.4 W	WSW35	13.3				
23	33.7	17.1	25.4	0.0	20.4	70	36						12.7 S	S 37	6.7				
24	31.0	20.2	25.6	0.0	20.6	81	25	1	0.6	0.6			28.5 W	S 43	12.4				
25	25.2	11.2	18.2	0.0	13.2	75	35						26.8 WSW+	NNW37	7.6				
26	19.9	9.3	14.6	3.4	9.6	93	46		Tr.	Tr.			20.3 E	E 33	5.1				
27	20.1	12.1	16.1	1.9	11.1	96	60	1	19.8	19.8			31.5 ESE	ESE59	0.8				
28	17.2	12.3	14.8	3.2	9.8	96	85		13.4	13.4			25.5 NNW	NNW41	0.2				
29	22.0	11.6	16.8	1.2	11.8	93	47		Tr.	Tr.			14.3 NW	NW 24*	8.5				
30	26.0	11.6	18.8	0.0	13.8	89	48		0.6	0.6			20.2 SSW	NNW46	5.3				
31																			
MEAN MOYENNE	24.0	9.6	16.8	74.2	356.0	84	37	3	44.6	44.6			19.4 S DOMINANTE	ESE59	286.2				
NORMAL NORMALE	22.7	10.3	16.5	75.5	345.8	88	45	5.3	80.3	Tr	80.3		18.5 S	57	258.9				
DEGREE-DAY SUMMARY - SOMMAIRE DE DEGRÉS-JOURS										DAYS WITH TOTAL PRECIPITATION: JOURS AVEC PRÉCIPITATIONS TOTALES. mm					DAYS WITH SNOWFALL: JOURS AVEC CHÔTE DE NEIGE: cm				
BELOW 18°C AU-DESSOUS DE 18°C	THIS YEAR ANNÉE EN COURS	PREVIOUS YEAR ANNÉE PRÉCÉDENTE	NORMAL NORMALE	ABOVE 5°C AU-DESSUS DE 5°C	THIS YEAR ANNÉE EN COURS	PREVIOUS YEAR ANNÉE PRÉCÉDENTE	NORMAL NORMALE	0.2 OR MORE OU PLUS	1.0 OR MORE OU PLUS	2.0 OR MORE OU PLUS	10.0 OR MORE OU PLUS	50.0 OR MORE OU PLUS	0.2 OR MORE OU PLUS	1.0 OR MORE OU PLUS	2.0 OR MORE OU PLUS	10.0 OR MORE OU PLUS	50.0 OR MORE OU PLUS		
TOTAL FOR MONTH TOTAL DU MOIS	74.2	76.7	75.5	TOTAL FOR MONTH TOTAL DU MOIS	356.0	336.2	345.8	7	4	4	2	0	0	0	0	0	0		
ACCUMULATED SINCE JULY 1 DEPUIS LE 1 ^{er} JUILLET	5731.8	6696.8	5887.4	ACCUMULATED SINCE APRIL 1 DEPUIS LE 1 ^{er} AVRIL	824.5	451.7	582.1												

UDC 551.506.1 () *Indicates more than one occurrence of the same speed, but not necessarily the same direction.
 +NNW - Prevailing Direction: 25th. June 12th, severe down draft near Anola caused property damage; power outages; hail golf ball size. June 20th, unofficial reports of funnel clouds in Winnipeg; hail up to golf ball size.
 Reduce and print image area on 8 1/2" x 11" good quality 20 lb. bond paper

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June was dry and warm. Only 44.6 MM of rain fell in comparison to the normal 80.3 MM. Of the total 33.2 MM fell on the 27th and 28th, leaving the Airport as still one of the driest points in Manitoba. The mean temperature was 16.8, a fraction above normal. The extremes were 34.4 on the 22nd and 0.8 on the 2nd and 15th. The mean wind was 19.4 Km/h, a little above the normal 18.5. There was 286.2 hours of bright sunshine, some 27 hours above the normal.

DAILY WEATHER SUMMARY FOR JUNE 1980

AT WINNIPEG, MANITOBA

1. Below normal temperatures. Mostly sunny. Lightning in early morning. Mostly light winds but gusts to 50 Km in the afternoon.
2. Below normal temperatures. Mostly sunny. Mostly light winds.
3. Below normal temperatures. Sunny. Light winds but easterly gusts to 50 Km in the afternoon.
4. Above normal temperatures. Partly cloudy. Showers or rain 5:42 p.m. to 8:28 p.m. Moderate SSE winds gusting to 63 Km/h. Lightning late evening.
5. Warm. Partly cloudy. Showers 11:13 a.m. to 11:22 a.m., 2:37 p.m. to 2:47 p.m. Mostly light winds. Lightning late evening.
6. Below normal temperatures. Partly cloudy. Moderate winds gusting to 56 Km/h in the afternoon.
7. Below normal temperatures. Partly cloudy. Moderate winds gusting to 61 Km/h in the early morning.
8. Normal temperatures. Partly cloudy. Light rain 12:31 p.m. to 1:23 p.m. Moderate NW winds gusting to 59 Km/h.
9. Above normal temperatures. Mostly sunny. Mostly light winds.
10. Slightly below normal temperatures. Mostly sunny but smoke aloft. Light winds.
11. Warm. Partly cloudy. Moderate south winds gusting to 70 Km/h. Lightning in early evening.
12. Above normal temperatures. Partly cloudy. Showers 10:20 a.m. to 1:40 p.m. Moderate winds gusting to 54 Km/h. Lightning in the morning. Severe storm near Anola about 4:00 a.m. Hail golf ball size, hydro poles uprooted. Power outages for 8 hours.
13. Near normal temperatures. Mostly cloudy. Showers 5:19 p.m. to 9:35 p.m. Mostly light winds but east gusts to 39 Km/h.
14. Below normal temperatures. Mostly cloudy. Showers 5:12 a.m. to 7:25 a.m., 3:37 p.m. to 3:54 p.m. Moderate northeast winds gusting to 48 Km/h.
15. Cool. Record breaking low temperature. Sunny. Mostly light winds but gusts to 33 Km/h.
16. Below normal temperatures. Sunny. Mostly light winds but west gusts to 50 Km/h.
17. Below normal temperatures. Mostly cloudy. Moderate NE winds gusting to 61 Km/h.
18. Cool. Mostly sunny. Mostly light winds.
19. Below normal temperatures. Mostly sunny. Mostly light winds.
20. Above normal temperatures. Thunder 6:45 p.m. to 9:15 p.m. Rain 11:33 a.m. to 12:46 p.m. Showers 5:36 p.m. to 9:15 p.m. Hail 8:02 p.m. to 8:49 p.m. SSW winds gusting to 63 Km/h. Precipitation variable up to 33 MM at Elmwood. Unofficial reports of funnel clouds. Hail reported up to golf ball size near north Perimeter. Air Canada plane slid off slippery runway but no injuries. Visibility restricted in heavy showers. Some hydro poles struck by lightning.
21. Above normal temperatures. Mostly sunny. Light winds.
22. Very warm. Mostly sunny. WNW winds gusting to 56 Km/h. Showers 2:50 to 3:34 a.m. Some Red River parade marchers collapsed in heat. Lightning late evening.
23. Very warm. Partly cloudy. Mostly light winds. Lightning late evening. Occasional south gusts to 48 Km/h.
24. Very warm. Mostly sunny. Showers 1:27 a.m. to 3:15 a.m. Thunder 1:27 a.m. to 2:15 a.m. Moderate west winds gusting to 69 Km/h.
25. Normal temperatures. Partly cloudy. Moderate WNW winds gusting to 52 Km/h.
26. Below normal temperatures. Partly cloudy. Drizzle 4:21 a.m. to 7:12 a.m. Moderate east winds.
27. Below normal temperatures. Cloudy. Thunder 9:13 a.m. to 9:40 a.m. 12:03 p.m. to 12:40 p.m., 8:03 p.m. to 6:10 p.m. Smoke in the morning and afternoon. Showers or rain 8:50 a.m. to 8:09 p.m. Visibility restricted. Moderate SE winds gusting to 83 Km/h.
28. Below normal temperatures. Cloudy. Rain or drizzle 3:22 a.m. to 11:16 a.m., 1:47 p.m. to 7:42 p.m., 11:48 p.m. continued. Moderate NNW winds gusting to 61 Km/h.
29. Below normal temperatures. Partly cloudy. Drizzle to 2:23 a.m. Mostly light winds.
30. Near normal temperatures. Partly cloudy. Showers or rain 7:05 a.m. to 10:04 a.m. Moderate south winds gusting to 80 Km/h.

INTERNATIONAL AIRPORT FOR THE MONTH OF JUNE

HOURLY METEOROLOGICAL TEMPERATURES AT WINNIPEG

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.	11.0	10.7	9.5	8.8	8.6	6.9	7.0	7.0	7.8	8.0	8.0	8.3	8.3	8.6	8.5	9.1	8.7	8.3	8.4	7.6	7.0	5.5	4.4	2.9
2.	2.4	1.4	1.4	1.9	2.2	1.0	4.0	5.8	6.8	7.9	8.4	9.0	9.2	9.8	10.0	10.3	10.7	10.1	9.9	10.1	9.7	9.0	8.2	6.5
3.	4.4	5.2	4.0	3.3	2.3	2.3	6.4	10.0	10.2	10.7	10.5	10.6	11.4	11.6	11.9	12.0	12.2	12.5	12.2	12.3	11.6	11.2	11.1	11.3
4.	11.3	10.7	11.0	11.1	11.1	11.5	11.7	12.8	13.6	14.8	15.5	15.5	16.1	16.4	16.5	17.1	17.5	17.0	16.4	16.8	16.1	16.1	16.7	16.5
5.	16.2	15.9	15.8	14.2	16.1	15.8	15.0	15.7	16.5	16.5	16.9	17.2	18.0	18.3	18.5	18.8	17.4	17.2	17.1	15.1	14.1	12.5	11.3	10.4
6.	9.9	9.9	9.0	8.6	8.1	7.5	9.0	11.5	13.2	13.2	13.6	13.1	13.0	13.8	12.3	12.0	11.5	10.9	10.0	9.1	7.6	5.7	4.4	3.8
7.	3.9	4.6	4.7	4.0	3.5	3.2	4.0	3.6	4.6	5.4	5.9	6.2	6.5	7.2	7.0	8.0	8.5	9.0	8.3	8.1	7.6	7.7	7.2	6.3
8.	5.4	6.4	6.2	7.5	5.7	6.0	9.0	9.9	9.8	10.2	10.4	10.4	9.5	9.1	10.1	11.0	11.6	11.5	11.7	11.7	11.1	10.4	9.4	9.4
9.	10.2	10.9	10.7	9.7	9.5	9.6	10.0	11.8	12.7	12.6	13.8	14.1	14.5	14.8	15.4	15.3	15.5	14.8	14.4	13.0	11.6	10.5	8.3	7.5
10	7.2	5.7	4.3	5.1	4.5	4.0	5.0	7.1	8.1	8.8	9.5	10.2	10.6	11.9	12.6	13.2	13.4	13.5	13.4	13.2	12.2	11.0	11.3	11.0
11	10.7	10.5	10.2	10.1	9.9	10.0	10.5	12.3	15.0	16.3	16.4	17.0	17.7	17.4	16.9	17.2	18.0	18.0	17.8	17.5	17.4	16.1	17.0	16.6
12	16.0	15.8	15.8	16.0	15.0	14.8	15.0	15.8	17.1	17.9	18.0	18.7	19.8	17.9	18.9	18.1	18.5	17.4	17.1	16.8	16.3	15.0	14.5	14.0
13	13.7	14.1	13.0	11.7	12.0	11.4	13.2	13.6	13.4	13.2	13.2	12.0	12.9	13.2	13.6	13.9	14.0	13.6	13.4	12.5	12.1	12.0	12.0	12.3
14	11.5	12.4	11.5	10.3	9.8	9.2	9.3	9.4	10.2	10.7	11.5	11.8	12.2	12.2	11.4	10.8	10.5	10.4	10.5	9.7	9.4	8.9	8.5	7.6
15	5.6	5.0	3.3	2.5	1.6	1.6	4.2	6.7	8.5	8.5	8.8	8.8	9.3	10.5	10.5	11.3	11.0	10.4	9.5	8.4	8.8	7.7	6.6	6.3
16	5.1	6.3	5.0	5.0	5.5	4.9	6.2	9.0	9.2	11.1	12.0	12.5	13.0	13.0	13.1	13.1	13.4	13.4	14.2	13.7	13.7	13.0	13.1	12.1
17	11.9	11.5	10.7	9.1	12.3	13.3	14.3	14.3	14.0	12.8	11.0	10.7	9.3	9.1	7.7	8.0	8.5	8.5	8.6	8.5	8.4	8.2	6.9	7.6
18	7.9	8.4	7.7	6.6	4.9	6.8	7.2	7.7	8.2	9.0	9.0	9.8	10.0	10.5	11.1	11.1	11.1	11.3	11.0	10.8	10.0	8.7	6.6	6.2
19	6.0	4.2	3.5	4.0	3.5	4.4	6.1	8.5	10.5	11.1	12.0	12.2	12.1	12.7	12.8	12.8	12.5	13.3	12.4	11.1	10.5	9.9	9.4	10.2
20	9.6	9.0	8.5	8.7	8.5	7.9	9.0	11.0	12.9	14.7	14.7	15.1	14.5	14.1	14.6	15.1	15.9	16.6	16.4	16.5	16.6	16.3	16.0	15.5
21	15.1	14.0	13.2	12.6	11.8	12.2	12.7	14.5	15.5	16.3	16.0	16.9	17.4	16.1	17.4	16.4	15.9	16.2	16.1	16.8	15.9	15.3	15.2	14.0
22	13.8	14.0	14.2	14.0	14.4	13.7	13.7	14.4	16.4	17.7	18.3	19.3	19.8	19.2	17.4	17.1	16.8	17.5	16.9	16.7	16.5	15.6	15.8	15.6
23	16.3	13.8	15.0	15.9	15.0	15.3	15.8	16.8	18.1	18.2	19.0	18.6	19.4	20.9	20.6	21.1	21.7	21.5	21.2	21.3	19.6	18.6	19.1	19.2
24	18.7	19.0	19.1	19.1	18.6	17.9	18.3	18.9	16.8	17.0	17.5	17.1	17.1	16.8	17.2	17.1	17.1	17.1	16.6	15.9	15.0	14.1	13.2	12.4
25	12.2	11.5	10.9	10.7	10.2	10.4	11.0	12.4	14.2	15.6	16.7	16.3	16.6	16.5	15.5	14.5	14.1	13.9	13.1	12.0	11.1	9.6	9.5	9.1
26	9.0	8.7	8.7	8.7	8.6	8.7	8.8	8.6	8.9	9.1	9.1	9.8	10.3	10.2	11.1	12.1	12.5	12.6	12.6	12.5	12.1	11.1	11.2	10.0
27	10.0	9.5	9.2	9.8	9.8	9.8	10.1	11.4	12.1	12.6	13.4	14.6	14.6	14.8	14.9	14.8	15.0	14.7	14.4	14.1	14.3	14.7	14.0	14.2
28	14.2	12.9	11.7	11.8	11.9	12.5	13.0	13.1	13.0	13.2	12.4	13.0	14.1	14.2	14.8	13.4	12.6	12.9	12.8	12.4	12.2	12.0	11.9	11.9
29	11.8	11.5	11.3	11.1	11.0	11.1	11.2	11.4	12.0	11.9	12.1	12.7	14.0	13.5	14.1	13.9	13.8	14.4	14.8	14.5	14.4	13.6	13.6	13.0
30	12.6	12.2	11.5	10.8	11.3	11.8	12.1	12.7	13.8	14.9	14.9	16.0	16.8	16.9	18.5	19.2	17.1	17.6	15.9	15.6	15.0	14.5	13.2	12.5
MEAN	10.5	10.2	9.7	9.4	9.1	9.2	10.0	11.2	12.1	12.6	12.9	13.2	13.6	13.7	13.8	13.9	13.9	13.9	13.6	13.1	12.6	11.8	11.3	10.9

