

ATMOSPHERIC ENVIRONMENT SERVICE  
DEPARTMENT OF THE ENVIRONMENT - CANADA  
MONTHLY METEOROLOGICAL SUMMARY

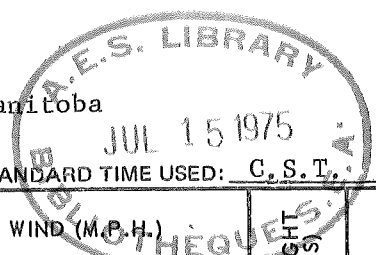
FOR THE MONTH OF June 1975

AT Winnipeg, Manitoba

LAT: 49° 54' LONG: 97° 15'

ELEVATION: 775 FEET.

STANDARD TIME USED: C.S.T.



DATE	TEMPERATURE C			DEGREE DAYS BELOW 65°F	RELATIVE HUMIDITY (%)				WIND (M.P.H.)			DURATION OF BRIGHT SUNSHINE (HOURS)	GROWING DEGREE DAYS ABOVE 5°C
	X-MAXIMUM	X-MINIMUM	MEAN FROM MAX AND MIN		00.00	06.00	12.00	18.00	AVERAGE SPEED	PREVAILING DIRECTION	MAXIMUM SPEED AND DIRECTION		
1	20.7	5.6	13.2	9	86	68	38	42	8.9	NNW	20NNW	13.7	8
2	21.6	6.4	14.0	7	64	56	40	75	8.9	S, ESE	17SSE	7.4	9
3	17.0	4.4	10.7	13	83	92	56	49	9.8	NE	16NNE	12.2	6
4	14.5	9.9	12.2	11	52	66	93	88	10.6	E	17E	0.0	7
5	14.4	6.6	10.5	14	93	88	69	67	19.2	NW	25NW	1.1	6
6	16.6	4.7	10.7	14	87	84	64	53	10.5	NNW	17NNW	7.3	6
7	22.3	3.8	13.1	9	88	83	45	45	5.2	SE, ESE	13ESE	11.9	8
8	19.9	11.3	15.6	5	56	64	57	57	6.5	SE	12SE	0.0	11
9	16.1	12.1	14.1	7	66	70	76	91	8.8	E	16ESE	0.0	9
10	18.4	9.9	14.2	7	91	93	90	74	7.5	W	14ESE	0.9	9
11	20.7	6.3	13.5	9	93	95	63	63	2.7	CALM	7NNE	6.7	9
12	27.3	9.2	18.3	0	93	80	37	50	6.8	WSW	15NW	12.5	13
13	22.2	12.2	17.2	2	73	83	40	54	10.0	WNW	23NW	9.4	12
14	19.0	7.2	13.1	9	75	77	46	45	7.4	NNE	13NNE	12.3	8
15	21.1	3.3	12.2	11	89	92	52	38	3.6	NE	9NE	12.1	7
16	22.4	9.2	15.8	4	79	83	49	52	3.1	CALM	12SW	4.8	11
17	22.7	8.0	15.4	5	88	78	45	41	7.2	N, NNE	16NE	14.8	10
18	26.2	6.9	16.6	3	66	83	40	41	3.8	N, CALM	8NNE	13.6	12
19	25.9	14.8	20.4	0	61	73	50	59	15.5	ESE	30ESE	4.7	15
20	30.8	15.7	23.3	0	83	94	64	73	13.2	SSE	18SE	10.0	18
21	28.1	16.8	22.5	0	93	85	42	56	7.2	WSW	14WSW	6.4	18
22	17.8	12.9	15.4	5	83	94	94	92	8.5	NW, WNW	20NW	0.0	10
23	26.8	12.2	19.5	0	94	89	57	51	3.9	SSW, WSW	10N	15.0	15
24	28.6	13.4	21.0	0	90	87	71	55	8.5	SSE	16S	15.2	16
25	30.0	20.4	25.2	0	81	83	61	59	17.8	SSE	26SSE	14.6	20
26	28.7	17.6	23.2	0	80	87	71	61	16.6	SSE	29SSE	8.8	18
27	27.2	13.3	20.3	0	68	69	50	51	14.6	SSE	23SSE	15.7	15
28	27.3	17.5	22.4	0	70	86	74	75	10.8	SE	23SE	2.7	17
29	26.1	17.2	21.7	0	87	91	66	64	7.6	S	16S	7.8	17
30	28.5	16.1	22.3	0	83	91	71	55	5.3	SW, W	13S	10.4	17
31													
MEAN	23.0	10.8	16.9	Total 144	80	82	59	59	9.0	Prevailing SSE	Maximum 30ESE	Total 252.0	Total 357
NORMAL	*22.7	*10.3	*16.5	144	*70	*77	*48	*48	*12.0	S	36	*258.9	*333

UDC 551.506.1 ( 712.74)

\* Based on thirty year period 1941 - 1970 inclusive.  
X For the 24 hours ending at midnight.  
+ One-half sum of Max. & Min. Temperatures.

DAILY WEATHER SUMMARY FOR June 1975 AT Winnipeg, Man.

PRECIPITATION (INCHES) (1)				
DATE	RAINFALL	SNOWFALL	TOTAL PRECIP. (2)	DEPTH OF SNOW ON GROUND (3)
1.				
2.	.16		.16	
3.				
4.	.34		.34	
5.	TR		TR	
6.				
7.	TR		TR	
8.	.02		.02	
9.	.39		.39	
10.	.11		.11	
11.				
12.	.01		.01	
13.	TR		TR	
14.				
15.				
16.	.01		.01	
17.				
18.				
19.	.07		.07	
20.	.15		.15	
21.	.01		.01	
22.	2.14		2.14	
23.				
24.				
25.				
26.	.85		.85	
27.				
28.	.35		.35	
29.	.01		.01	
30.	.11		.11	
TOTAL	4.73		4.73	
NORMAL	*3.16	*TR	3.16	

1. Near normal temp. Mostly sunny. Gusty winds mid-day.
2. Near normal temp. P. Cloudy. Thunder 12:37 p.m. to 12:59 p.m. 4:31 to 4:58 p.m. showers 12:32 p.m. to 5:27 p.m. Hail reported vicinity of airport.
3. Below normal temp. Mostly sunny with light winds.
4. Below normal temp. Cloudy. Showers or drizzle 9:10 a.m. to 4:46 p.m. 9:11 p.m. to 9:36 p.m.
5. Below normal temp. Cloudy. Showers 5:11 p.m. to 5:28 p.m. Gusty west northwest winds.
6. Below normal temp. P. Cloudy. Light winds.
7. Below normal temp. Mostly sunny. Showers 5:20 to 5:40 a.m.
8. Normal temp. Cloudy. Showers 6:35 a.m. to 11:12 a.m.
9. Near normal temp. Cloudy. Showers 6:31 a.m. continued Light fog in evening.
10. Below normal temp. Cloudy. Rain or drizzle to 4:40 a.m. 9:40 a.m. to 1:20 p.m. light winds.
11. Below normal temp. P Cloudy. Light winds.
12. Normal temp. Sunny. Showers 5:18 p.m. to 5:45 p.m. Rain 11:13 p.m. continued.
13. Normal temp. P. Cloudy. Thunder 11:22 to 11:40 a.m. Rain to 0:51 a.m. Showers 6:04 a.m. to 6:07 a.m.
14. Below normal temp. Sunny with light winds.
15. Below normal temp. Sunny with light winds.
16. Near normal temp. P Cloudy. Showers 3:09 p.m. to 3:47 p.m.
17. Below normal temp. Mostly sunny with light winds.
18. Near normal temp. Sunny. Light winds.
19. Above normal temp. P Cloudy. Thunder 7:41 p.m. to 11:24 p.m. Showers 10:05 a.m. to 10:15 a.m. 3:49 p.m. continued.
20. Warm. P Cloudy. Thunder 5:23 p.m. to 9:45 p.m. showers to 6:35 a.m. 4:56 p.m to 7:50 p.m.
21. Warm. P Cloudy. Showers 3:51 p.m. to 4:34 p.m.
22. Downpour. Basements flooded, Power failures. Red River Parade halted. Showers or rain 4:51 a.m. to 7:00 p.m. (Heavy 11:43 a.m. to 2:20 p.m.) Cloudy. Light fog. Below normal temp.
23. Near normal temp. Sunny with light winds.
24. Above normal temp. Sunny with mostly light winds.
25. Warm. Sunny with light winds.
26. Another downpour. P Cloudy. Haze and fog in morning. Thunder 11:05 a.m. to 3:45 p.m. Showers 11:54 a.m. to 3:45 p.m.
27. Normal temp. Sunny with light winds.
28. Above normal temp. Mostly cloudy. Thunder 5:12 a.m. to 8:30 a.m. showers 7:22 a.m. to 7:07 p.m.
29. Above normal temp. P. Cloudy. Showers 11:15 p.m. to 11:40 p.m.
30. Above normal temp. Sunny. Thunder 00:38 a.m. to 03:11 a.m. showers 1:22 a.m. to 3:11 a.m. Heavy downpour S

DAYS WITH TOTAL PRECIPITATION					DAYS WITH SNOWFALL					THUNDERSTORMS		
0.01" OR MORE	0.04" OR MORE	0.25" OR MORE	0.50" OR MORE	1.00" OR MORE	0.1" OR MORE	0.4" OR MORE	2.5" OR MORE	5.0" OR MORE	10.0" OR MORE	NO.	NORMAL	DATES
15	10	5	2	1						7	*5.3	2, 13, 19, 20, 26, 28, 30.

(1) TR = Trace = negligible amount of rain or snow. Precipitation data are based on 24-hour period beginning  
 (2) Total precipitation is computed by adding rainfall in inches to water equivalent of the snowfall in inches.  
 (3) Measurement taken at 6 A.M. C. S. T.

\* Based on the thirty year period 1941-1970 inclusive.

June weather featured heavier than usual rainfall in Winnipeg, but other weather conditions stayed close to normal.

Rainfall totalled 4.73 inches which is 1.57 inches more than normal. Most of the rain came in the period June 19 to 22. A 2.14-inch downpour on June 22 flooded basements and caused power failures. Seven thunderstorms were reported during the month which is slightly more than the normal number of 5.3 for June.

Temperatures averaged near normal at 16.9C and ranged from a minimum of 3.3C on June 15 to a maximum of 30.8C on June 20.

Winds were lighter than normal at 9 m.p.h. compared to normal of 12 m.p.h. Sunshine was seven hours less than usual with a total of 252 hours.

DEGREE DAYS (BELOW 65°)					CLOUD AMOUNT (1) NO. OF OBSERVATIONS IN THE RANGE:				
	THIS YEAR	PREVIOUS YEAR	NORMAL		TIME	0 - 2 TENTHS	3 - 7 TENTHS	8 - 10 TENTHS	MEAN AMOUNT
TOTAL FOR MONTH	144	128	144		0000C	7	7	16	6.2
ACCUMULATED FROM PREVIOUS SEPT. 1	10427	11492	10624		0600C	4	7	19	7.3
					1200C	5	10	15	6.6
					1800C	7	8	15	6.4
NO. OF DAYS THIS MONTH WITH MAXIMUM TEMPERATURE ABOVE: C°					NO. OF DAYS THIS MONTH WITH MINIMUM TEMPERATURE BELOW:				
30.4	25.4	20.4	15.4	10.4	4.5	9.5	14.5	19.5	24.5
1	13	21	28	30	3	13	22	29	30
NO. OF HOURS WITH DEWPOINT C BETWEEN:									
0-9°C		10 and 19°C			20 and 29°C				
305		341			74				
LOWEST DEWPOINT: June 2 - 0200 0500 & 0300 0600					HIGHEST DEWPOINT: June 25 1700 26 0800 1000 &				
2°C June 3 - 0400 1600C					23°C JUNE 28, 1500, 1600, 1700, 1800C				

CLIMATOLOGICAL DATA FOR THE PAST eleven YEARS Celsius

Year	Maximum Temp.	Minimum Temp.	Mean Temp.	Rainfall	Snowfall	Total Precip.	Mean Windspeed	Hours Sunshine
1975	30.8	3.3	16.9	4.73		4.73	9.0	252.0
1965	28.3	2.2	16.9	2.37		2.37	14.3	305.5
1966	34.4	1.1	17.4	1.41		1.41	11.8	274.8
1967	29.4	0.6	15.8	1.98		1.98	11.1	292.6
1968	32.8	2.8	15.3	3.26		3.26	12.0	248.7
1969	26.7	-1.7	12.2	4.12	.1	4.13	10.7	263.6
1970	36.1	4.4	18.9	1.99		1.99	10.7	302.0
1971	31.7	1.7	17.6	2.99		2.99	8.5	257.3
1972	33.3	-1.1	17.3	1.98		1.98	9.3	372.5
1973	30.0	0.0	16.2	3.47		3.47	11.7	253.6
1974	35.6	2.8	17.1	0.70		0.70	10.4	376.0

(1) Tenths of sky covered with cloud.

COMPARATIVE RECORDS FOR THE MONTH OF June 1975 AT Winnipeg, Manitoba										
	THIS MONTH		NORMAL	HIGHEST RECORD FOR THE MONTH			LOWEST RECORD FOR THE MONTH			LENGTH OF RECORD
	VALUE	DATE		VALUE	YEAR	DAY	VALUE	YEAR	DAY	
HIGHEST TEMPERATURE	30.8	20	*31.7	38.3	1900	23	26.1	1957	19 & 24	104
LOWEST TEMPERATURE	3.3	15	* 1.1	6.7	1873	9, 11 12	-6.1	1902 1888	1, 2, 1	104
GREATEST DAILY RANGE	19.3	18	*20.6	27.2	1889	5				104
LEAST DAILY RANGE	4.0	9	* 3.3				0.0	1882	30	104
MEAN MONTHLY TEMPERATURE	16.9		*16.5	20.3	1910		12.3	1969		104
GREATEST RAINFALL IN 5 MIN.	.21	26		.36	1952	30				19
GREATEST RAINFALL IN 10 MIN.	.37	26		.70	1952	30				19
GREATEST RAINFALL IN 15 MIN.	.45	26		.88	1952	30				19
GREATEST RAINFALL IN 30 MIN.	.68	26		1.12	1952	30				19
GREATEST RAINFALL IN 60 MIN.	.76	26		1.40	1964	18				19
GREATEST RAINFALL IN 24 HOURS	2.14	22		6.00	1901	26				104
GREATEST SNOWFALL IN 24 HOURS				.1	1969	12				104
GREATEST PRECIPITATION IN 24 HOURS	2.14	22		6.00	1901	26				104
TOTAL MONTHLY RAINFALL	4.73		*3.16	10.07	1901		.13	1961		104
TOTAL MONTHLY SNOWFALL	Nil		*Trace	.5	1875					104
TOTAL MONTHLY PRECIPITATION	4.73		*3.16	10.07	1901		.13	1961		104
NO. OF DAYS WITH PRECIPITATION	15		*12	20	1901		3	1961		92
TOTAL WIND MILEAGE	6484		*8710	10295	1965		6095	1971		37
MEAN WIND SPEED (m.p.h.)	9.0		12.0	14.3	1965		8.3	1928		55
MAXIMUM SPEED (1min.) (m.p.h.)	ESE 30	28	36	S56	1954	7				37
MAXIMUM GUST SPEED (m.p.h.)	SE 46	19	53	WNW 79	1967	29				32
PREVAILING DIRECTION	SSE		SOUTH							16
MEAN STATION PRESSURE (mb.)	981.3		*983.1	986.0	1946		978.6	1973		37
GREATEST STATION PRESSURE (mb.)	991.4	24	996.3	1003.7	1961	14				37
LEAST STATION PRESSURE (mb.)	966.6	4	967.1		1967	1	948.6	1954	7	37
TOTAL HOURS OF SUNSHINE	252.0		*258.9	376.0	1974		172.8	1925		76

HOURLY TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF JUNE 1975

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	6	7	8	8	8	8	9	11	13	16	18	19	19	19	19	19	19	19	18	17	15	12	10	10
2	11	10	9	8	8	9	11	11	13	16	17	19	20	15	17	17	18	14	15	16	15	13	12	9
3	9	9	7	6	5	6	6	7	8	9	11	12	13	14	15	16	16	16	16	14	13	12	10	11
4	12	11	11	11	10	10	10	11	12	13	15	13	12	13	13	13	13	13	14	13	12	12	11	8
5	11	10	10	9	9	9	9	9	9	11	10	12	13	13	12	12	12	11	11	11	10	10	9	8
6	7	6	6	6	7	7	7	8	9	10	12	11	12	13	14	16	16	16	16	15	13	11	9	7
7	5	4	5	6	6	5	8	12	14	15	17	17	19	20	21	22	21	20	19	19	19	17	16	14
8	15	14	13	13	13	12	12	13	13	14	15	17	17	17	19	18	19	19	19	18	16	16	14	14
9	14	13	15	13	14	14	14	15	15	14	15	16	15	15	14	13	13	13	13	13	12	13	12	12
10	12	12	12	12	12	12	12	12	14	13	14	14	14	15	16	17	18	17	17	16	16	13	12	11
11	10	9	10	8	7	7	9	11	14	16	17	18	19	19	20	20	20	20	19	19	18	17	12	12
12	11	12	11	11	11	11	12	16	18	20	22	24	25	26	26	26	26	24	23	21	20	19	17	17
13	15	15	14	14	13	13	14	14	15	17	19	19	22	21	21	20	19	18	19	18	16	16	15	13
14	13	11	11	11	10	10	10	13	13	14	16	16	17	17	18	18	18	18	18	18	15	13	11	7
15	7	7	6	5	5	4	7	13	14	16	17	17	18	18	19	18	20	20	19	19	16	15	13	13
16	13	13	14	14	13	12	12	14	16	17	19	20	21	18	22	19	19	20	20	19	18	16	12	10
17	9	9	9	10	10	10	11	14	16	18	19	19	20	20	20	21	22	22	21	21	18	15	13	13
18	13	12	8	8	8	8	12	15	18	20	21	22	23	23	24	25	25	25	24	23	22	19	15	16
19	18	18	16	16	15	15	15	16	17	20	22	24	24	24	24	24	24	23	21	19	19	19	19	19
20	18	17	17	18	17	17	17	18	19	22	23	25	26	28	29	30	30	28	25	20	21	21	20	19
21	16	19	18	17	17	17	16	19	20	22	23	25	26	27	27	26	23	23	23	23	22	21	21	20
22	17	17	16	17	16	16	17	16	17	17	16	16	16	16	16	16	15	15	15	15	15	15	14	13
23	13	13	13	13	12	12	14	14	15	18	19	22	23	24	25	25	25	26	25	24	22	19	18	17
24	17	16	14	14	16	16	18	21	22	23	25	26	26	28	27	28	28	27	27	26	25	24	23	23
25	22	22	22	22	21	21	21	22	23	25	26	27	28	28	29	29	29	29	28	27	26	26	25	24
26	24	23	22	22	22	21	22	24	25	26	26	27	28	28	28	28	28	28	28	27	26	26	25	24
27	18	17	16	16	14	14	15	17	19	21	23	24	25	26	27	27	26	26	26	25	23	22	21	19
28	20	20	20	19	18	19	18	19	18	18	19	23	24	24	25	26	27	27	26	25	23	22	21	21
29	18	18	18	18	18	18	18	19	20	21	22	23	23	23	24	25	25	26	25	24	23	22	21	21
30	21	20	19	18	18	18	19	19	20	21	21	23	24	25	26	27	28	27	27	27	24	21	19	17

MEAN 13.9 13.5 13.0 12.7 12.4 12.4 13.2 14.8 16.0 17.4 18.7 19.6 20.4 20.6 21.1 21.1 21.1 21.1 21.1 20.8 20.4 19.5 18.3 17.0 15.7 14.8

ABSTRACT OF THE WIND AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF JUNE 1975

ALL TIMES ARE C.S.T.

Hour Starting	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Peak Gust	Hour	
1	C	SSW	S	SSE	SSE	S	WSW	NW	N	N	NW	NW	NW	NW	NNW	NNW	NNW	NNW	ENE	NE	NE	ENE	NE	NE	N	30	16 CST
2	ENE	ENE	E	NE	ESE	ESE	ESE	SE	SE	S	SW	NW	SE	SSE	S	S	WSW	SSE	S	SSE	S	WSW	WSW	W	S	32	13 CST
3	W	WNW	WNW	W	NNW	NNW	NW	N	NNE	NNE	N	NE	ENE	ENE	NNE	E	NE	NE	ENE	NE	NE	NE	ENE	E	NE	23	11 CST
4	ESE	E	E	E	E	E	E	E	ESE	ESE	ESE	E	ESE	ESE	SE	SSE	SSW	SW	WSW	W	WNW	W	W	W	NNW	23	00 CST
5	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	WNW	WNW	NW	NW	NW	NW	NNW	NW	NW	NW	NW	NNW	NW	NNW	NNW	N	NW	37	10 CST
6	NW	NNW	NNW	NNW	NNW	NNW	N	NNW	N	N	NNE	NNE	N	NNW	N	NNW	N	NNE	N	E	ENE	NE	ENE	C	NW	26	01 CST
7	C	C	SSW	S	C	C	SSE	SSE	S	SE	SSE	S	ESE	NE	ENE	SE	SE	SE	SE	SE	ESE	ESE	ESE	SE	E	23	15 CST
8	SE	SSE	SSE	SE	SE	SSE	SE	SE	SSE	ESE	SE	SE	ESE	ESE	E	E	NE	ENE	N	C	SE	SE	SE	SE	E	23	15 CST
9	E	ENE	E	ESE	ESE	ESE	SSE	SSE	SE	ESE	E	ESE	SE	ESE	SE	ESE	ESE	E	E	ENE	E	E	E	E	E	23	15 CST
10	E	ESE	ESE	ESE	ESE	ESE	SE	SE	SSE	S	SSW	SW	WSW	WSW	WSW	WSW	W	W	W	W	WSW	W	W	W	NW	28	16 CST
11	WNW	WNW	C	C	SSW	C	C	S	S	WSW	WSW	W	NNE	NNW	NW	N	NE	NNE	ENE	E	E	ENE	C	C	NW	31	15 CST
12	C	WSW	WSW	WSW	WSW	W	WSW	W	W	WNW	W	W	NNW	NW	NNW	NW	NW	WSW	WSW	W	NNW	N	N	N	NW	28	16 CST
13	WSW	ESE	SSW	SW	SW	SW	W	WNW	WNW	SW	WNW	WNW	WNW	WNW	WNW	NW	NW	NNW	NNW	NE	ENE	NE	NE	NE	NW	31	15 CST
14	NNE	C	NNW	N	NNE	NNE	NNE	N	N	NNE	N	NNW	NNE	N	N	NNE	NNE	NNE	NNE	NNE	NE	NE	NNE	NNE	N	21	13 CST
15	NNE	C	ENE	NE	NNE	NE	WSW	ESE	E	E	C	NE	N	ENE	ENE	NE	NE	NNE	NE	NE	NNE	NE	ENE	ENE	N	21	13 CST



ATMOSPHERIC ENVIRONMENT SERVICE  
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10/17/78

10/17/78