



MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS MAY / MAI

19 81

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

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	15.5	-1.8	6.9	11.1	1.9	82	30	Tr.	Tr.	Tr.	15.3	S	S 30	10.8						
2	21.2	6.8	14.0	4.0	9.0	73	37	Tr.	Tr.	Tr.	25.4	S	SSE46	3.3						
3	15.4	1.2	8.3	9.7	3.3	86	43				28.6	NNE	NNE43*	10.7						
4	13.1	-1.7	5.7	12.3	0.7	91	33				23.0	NNE	NNE35*	8.8						
5	15.0	-4.3	5.4	12.6	0.4	85	28				14.6	NE	N 30	14.3						
6	17.8	-4.4	6.7	11.3	1.7	76	22				6.5	Calm	NE 17*	13.6						
7	20.9	2.1	11.5	6.5	6.5	58	18				16.3	S	S 28	10.3						
8	14.8	-6.1	4.4	13.6	0.0	79	33	Tr.	Tr.	Tr.	33.0	NNE	NNE63	1.6						
9	8.3	-8.5	-0.1	18.1	0.0	82	22				15.2	N	N 30	14.4						
10	11.8	-4.3	3.8	14.2	0.0	54	21				15.1	S	S 26	7.1						
11	17.2	5.5	11.4	6.6	6.4	47	21				15.2	ENE	ESE24	5.3						
12	20.8	-0.1	10.4	7.6	5.4	67	19				8.5	NNE, E Calm	NE 28	14.6						
13	22.6	-0.1	11.3	6.7	6.3	66	17				5.7	NNE	W 13	13.6						
14	24.8	3.3	14.1	3.9	9.1	65	16				4.7	Calm	N 15	10.6						
15	13.7	4.5	9.1	8.9	4.1	78	44	Tr.	Tr.	Tr.	35.2	NNE	NNE44*	10.0						
16	18.0	1.7	9.9	8.1	4.9	68	21				27.8	ENE	ENE35	14.7						
17	21.5	1.7	11.6	6.4	6.6	49	19				17.3	E, ESE	E 26	15.0						
18	24.8	5.3	15.1	2.9	10.1	53	18				8.7	SE, SSE	SE 17	14.6						
19	27.9	8.8	18.4	0.0	13.4	52	16				10.1	SW	SSW24	12.3						
20	29.1	6.1	17.6	0.4	12.6	38	12				23.9	S	SW 41*	13.4						
21	29.9	11.9	20.9	0.0	15.9	37	23				29.0	S	S 43	13.5						
22	23.7	7.5	15.6	2.4	10.6	98	40	1	25.8	25.8	27.2	SE	N 48	4.3						
23	9.0	6.4	7.7	10.3	2.7	97	92	1	13.6	13.6	37.3	NNE	NNE52	0.0						
24	10.0	8.6	9.3	8.7	4.3	98	86		3.0	3.0	31.2	NNE	NNE39	0.0						
25	13.8	8.6	11.2	6.8	6.2	97	69		0.2	0.2	22.6	NNE	NE 30	0.0						
26	21.4	4.6	13.0	5.0	8.0	94	29				12.7	ESE	ENE26	14.9						
27	19.5	8.2	13.9	4.1	8.9	97	58				7.9	S, SSW Calm	SW 15*	4.3						
28	22.8	10.7	16.8	1.2	11.8	96	55	1	3.8	3.8	11.7	S	S 26	4.0						
29	17.5	3.1	10.3	7.7	5.3	96	45	1	1.2	1.2	26.0	N	N 41*	6.8						
30	18.1	0.0	9.1	8.9	4.1	91	33				11.6	W	WNW24*	14.5						
31	21.8	6.2	14.0	4.0	9.0	82	35				13.5	SSW	NE 31	13.1						
MEAN MOYENNE	18.8	3.0	10.9	TOTAL 224.0	TOTAL 189.2	75	34	TOTAL 4	TOTAL 47.6	TOTAL Tr.	TOTAL 47.6		PREVAILING DOMINANTE S*	MAXIMUM NNE63	TOTAL 294.4					
NORMAL NORMALE	17.1	4.1	10.6	236.3	186.5	81	36	2.0	54.6	2.5	57.2		NNE	59	246.4					
DEGREE-DAY SUMMARY - SOMMAIRE DE DEGRÉS JOURS											DAYS WITH TOTAL PRECIPITATION: JOURS AVEC PRÉCIPITATIONS					DAYS WITH SNOWFALL: JOURS AVEC CHÔTE DE NEIGE:				
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	TOTALS: mm					cm							
								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	224.0	140.6	236.3	TOTAL FOR MONTH TOTAL DU MOIS	189.2	336.5	186.5	6	5	4	2	0	0	0	0	0				
ACCUMULATED SINCE JULY 1 ACCUMULÉE DEPUIS LE 1 ^{er} JUILLET	5336.0	5657.6	5811.9	ACCUMULATED SINCE APRIL 1 ACCUMULÉE DEPUIS LE 1 ^{er} AVRIL	234.7	468.5	236.3	6	5	4	2	0	0	0	0	0				

UDC 551.506.1 () *Indicates more than one occurrence of same speed, but not necessarily the same direction. May 28, 1981 unofficial reports of hail. Subscription Price: \$1.00 monthly; \$10.00 per calendar year (January to December) Prix d'abonnement: mensuel \$1.00; annuel \$10.00 (janvier à décembre) *S by hours * by Kms NNE

CLIMATOLOGICAL SUMMARY FOR MAY 1981

AT WINNIPEG, MANITOBA

May was dry for the first 21 days. Most of the 47.6 mm of rain fell on the 22nd and 23rd. The mean temperature of 10.9°C was slightly above normal. The warmest day was the 21st at 29.9°C while the coldest night was -8.5°C on the 9th. Sunshine was above normal with 294.4 hours while the average wind of 18.7 Km/h was below the normal 21.1 Km/h. Hail was reported to the west and north of the city on the 28th.

DAILY WEATHER SUMMARY FOR MAY 1981

AT WINNIPEG, MANITOBA

All Times Central Standard
Not Daylight

1. Slightly below normal temperatures. Mostly sunny. Mostly light winds but S gust to 54 Km/h late evening. Showers 8:46 p.m. to 9:14 p.m.
2. Above normal temperatures. Cloudy. Clearing late afternoon. Moderate winds gusting to 70 Km/h in morning. Showers 1:25 a.m. to 1:43 a.m. 7:30 a.m. to 8:06 a.m.
3. Near normal temperatures. Mostly sunny. Moderate winds gusting to 56 Km/h in morning.
4. Below normal temperatures. Cloudy. Clearing early afternoon. Moderate winds gusting to 52 Km/h in afternoon.
5. Below normal temperatures. Sunny. Mostly light winds but N gust to 41 Km/h in afternoon.
6. Below normal temperatures. Sunny. Light winds. Smoke over city in morning.
7. Above normal temperatures. Mostly sunny. Mostly light winds but SSW gust to 46 Km/h in afternoon.
8. Below normal temperatures. Cloudy. Showers 12:56 p.m. to 3:53 p.m. Snow flurries 7:54 p.m. to 8:32 p.m. Moderate winds gusting to 78 Km/h in afternoon.
9. Cold. Sunny. Mostly light winds but N gust to 41 Km/h in morning. Record breaking low temperature.
10. Below normal temperatures. Partly cloudy. Mostly light winds but S gust to 41 Km/h in late morning.
11. Above normal temperatures. Partly cloudy. Rain showers 9:31 a.m. to 10:14 a.m. Mostly light winds but E gust to 56 Km/h in afternoon.
12. Above normal temperatures. Sunny. Mostly light winds but SE gust to 43 Km/h in morning.
13. Above normal temperatures. Sunny. Light winds
14. Above normal temperatures. Sunny becoming cloudy mid afternoon. Light winds.
15. Below normal temperatures. Cloudy. Clearing mid morning. Showers 6:14 a.m. to 7:05 a.m. Moderate NNE winds gusting to 63 Km/h in evening.
16. Below normal temperatures. Sunny. Moderate E winds gusting to 52 Km/h late morning.
17. Near normal temperatures. Sunny. Mostly light winds but ESE gust to 44 Km/h in afternoon.
18. Above normal temperatures. About 40 forest fires in dry forests of S. Manitoba and E. Ontario battled by water bombers, 145 men and 2 helicopters. So far 122 fires compared to 283 last year at this time and 555 in the record year 1977. Sunny. Light winds.
19. Above normal temperatures. Cloudy. Clearing mid morning. Mostly light winds but SSW gust to 43 Km/h in afternoon.
20. Above normal temperatures. Forest fire near Whiteshell at White-mouth, forced evacuation of 2 farm families. 150 people busy fighting fires. Insulators on hydro lines damaged. Western Peat Moss Ltd. in danger. Mostly sunny. Moderate winds gusting to 67 Km/h in afternoon.
21. Warm. Mostly sunny. Moderate S winds gusting to 74 Km/h in afternoon.
22. Above normal temperatures. Mostly cloudy. Thunder 3:26 a.m. to 4:09 a.m. 4:45 a.m. to 6:25 a.m. 6:12 p.m. to 9:21 p.m. Showers 3:31 a.m. to 7:55 a.m. 5:59 p.m. continued. Light fog in morning. Visibility reduced. Moderate winds gusting to 61 Km/h in afternoon. Forest fires under control.
23. Below normal temperatures. Cloudy. Thunder 9:37 a.m. to 10:00 a.m. Showers to 1:50 a.m. Light rain or drizzle 1:50 a.m. to 9:37 a.m. Showers sometimes heavy 9:37 a.m. to 2:35 p.m. Light rain 2:35 p.m. continued. Drizzle 3:17 p.m. to 10:15 p.m. Moderate winds gusting to 61 Km/h in morning. Light fog in morning. Visibility reduced.
24. Below normal temperatures. Cloudy. Rain to 7:25 a.m. 2:25 p.m. continued. Moderate winds gusting to 48 Km/h in morning. Light fog in morning. Visibility reduced.
25. Below normal temperatures. Cloudy. Rain to 7:46 a.m. 3:28 p.m. to 6:26 p.m. Drizzle 1:14 a.m. to 7:48 a.m. Showers 6:37 p.m. to 7:42 p.m. Moderate winds gusting to 43 Km/h in afternoon.
26. Normal temperatures. Sunny. Mostly light winds but E gust to 35 Km/h in afternoon.
27. Slightly above normal temperatures. Partly cloudy. Light winds.
28. Above normal temperatures. Partly cloudy. Thunder 7:39 p.m. to 8:58 p.m. Rain 9:20 a.m. to 12:15 p.m. Showers 3:28 p.m. to 8:41 p.m. Mostly light winds but S gust to 48 Km/h in afternoon. Fog patches in morning.
29. Below normal temperatures. Partly cloudy. Thunder 3:20 a.m. to 3:44 a.m. Showers 2:54 a.m. to 9:13 a.m. 1:16 p.m. to 4:16 p.m. Moderate winds gusting to 57 Km/h in afternoon.
30. Below normal temperatures. Mostly sunny. Mostly light winds but NW gust to 37 Km/h in afternoon.
31. Near normal temperatures. Mostly sunny. Mostly light winds but NE gust to 39 Km/h in evening.

Severe Weather Near Winnipeg

22. Heavy rain near Sprague. Steinbach, Piney reduced visibility to near zero and forced cars off road. Also Altona had 25 to 50 mm in 25 minutes.
28. Strong winds nearly blew truck off road near Minnedosa. Ground reported white with hail. Winnipeg to Portage and Winnipeg to Gimli. Downdraft near Miami swayed trees dangerously, and temperature dropped.

HOURLY METEOROLOGICAL TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF MAY 198

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	-9	-1.8	-1.8	-2.8	-2.6	-2.2	-1.6	1.0	2.7	3.4	5.0	5.7	6.5	7.4	7.2	7.3	7.3	7.2	7.4	7.0	6.9	6.9	7.1	6.9
2	6.3	6.3	6.3	6.3	6.6	6.2	6.0	6.6	6.5	7.0	8.0	8.9	10.2	10.7	11.5	12.0	12.1	12.4	12.5	12.5	12.3	12.3	12.1	12.3
3	4.7	4.5	4.5	3.8	3.6	3.8	3.5	4.1	5.8	6.9	6.9	7.4	7.9	8.3	8.0	8.5	9.3	8.0	7.9	6.6	5.3	5.4	6.0	5.4
4	-1.8	-1.3	-1.5	-2	-1.8	-1.5	-1.8	1.9	2.9	4.3	3.6	4.5	4.6	4.6	5.6	5.6	6.7	6.0	5.4	4.8	3.6	2.2	1.7	1.7
5	-1.2	-1.2	-4.2	-4.0	-3.8	-4.0	-3.5	-1.2	2.3	3.9	4.7	5.5	5.8	5.6	6.7	6.3	6.8	6.0	5.8	4.9	3.6	1.4	1.8	-1.9
6	-1.2	-1.9	-1.6	-2.2	-3.8	-3.9	-2.8	1.1	4.0	5.1	5.6	5.7	6.2	7.4	7.6	7.7	7.8	7.8	7.6	7.4	5.8	4.4	2.7	3.6
7	2.2	2.6	1.7	1.1	1.5	-1.7	1.4	2.0	4.8	7.2	8.4	8.7	9.2	9.3	9.3	9.2	8.6	8.2	8.6	7.9	6.7	5.8	5.5	5.9
8	5.2	4.6	4.0	3.4	3.6	3.1	2.9	4.0	6.7	8.3	8.7	9.0	9.3	9.4	4.6	3.1	2.7	1.3	1.8	-1.7	-1.6	-2.0	-2.8	-1.4
9	-6.8	-4.5	-6.2	-7.1	-8.0	-8.9	-7.0	-4.2	-3.0	-2.0	-1.6	-1.4	-1.8	1.7	1.0	1.7	1.0	1.8	1.8	0.0	-2.0	-2.5	-3.5	-3.1
10	-3.6	-4.3	-4.5	-4.5	-4.8	-6.2	-5.1	-1.6	1.6	2.9	3.6	3.9	3.6	3.4	3.6	4.0	3.7	3.7	4.0	3.5	3.0	2.3	2.3	2.1
11	2.0	2.2	2.5	2.4	1.9	1.7	2.0	2.4	3.4	4.2	4.4	5.4	5.8	6.1	6.2	7.3	7.3	7.4	7.4	7.0	5.2	4.0	2.5	2.5
12	1.5	-1.0	-1.9	-2.1	-1.9	-2.0	-1.1	4.0	5.0	6.7	7.4	7.8	8.1	8.1	8.8	9.0	9.0	9.0	8.5	8.0	6.8	4.0	2.5	2.5
13	1.9	1.4	1.9	-1.4	-1.8	-2.1	1.2	4.4	7.2	8.4	8.7	8.9	9.1	9.7	10.1	10.7	10.0	9.6	9.6	9.3	7.8	5.5	4.3	3.4
14	1.7	1.4	1.3	1.8	1.5	1.4	2.9	3.9	7.1	8.8	9.8	9.9	9.7	9.9	10.0	9.8	10.2	10.2	9.8	10.0	9.0	7.7	5.6	5.4
15	7.4	6.2	7.0	6.9	6.5	5.4	4.3	4.1	4.1	4.1	5.1	6.2	6.5	7.3	6.8	7.0	7.0	6.7	5.9	5.0	4.3	4.0	2.9	3.3
16	1.9	1.3	1.8	1.4	0.0	-2	2	1.0	1.8	3.2	4.3	5.2	7.5	7.5	8.6	9.3	8.1	8.0	7.6	6.5	5.4	4.4	3.5	3.5
17	2.7	2.2	1.8	1.3	-1.4	-1.8	2.3	4.2	4.7	6.2	7.4	8.4	9.4	9.5	10.0	9.9	9.8	9.6	9.2	9.1	7.4	4.4	3.5	3.5
18	3.5	2.7	2.1	2.3	1.9	2.0	3.5	5.5	7.7	10.0	10.7	10.6	10.7	10.6	11.1	12.0	10.9	11.2	11.1	11.1	9.5	7.0	6.0	4.5
19	5.9	7.1	5.7	5.6	4.8	4.6	6.5	7.0	9.3	10.7	12.1	12.2	12.4	13.0	13.0	13.1	13.2	12.7	12.5	12.0	11.2	10.1	9.4	8.2
20	7.1	6.6	5.0	4.1	2.6	1.9	2.7	5.7	8.9	10.9	11.5	12.0	12.2	13.0	12.6	13.4	13.1	13.1	12.9	12.1	11.4	10.1	9.2	8.8
21	7.9	7.4	6.6	6.4	5.9	5.6	6.4	6.6	10.0	11.8	12.6	13.8	13.9	15.0	15.5	16.1	16.3	16.2	15.9	15.8	14.8	14.3	13.5	13.5
22	13.1	12.5	11.8	11.4	12.7	12.9	14.5	14.5	14.2	15.1	15.8	16.0	16.6	17.0	17.1	17.1	16.3	15.7	14.3	11.0	10.4	9.4	8.4	7.8
23	7.5	7.0	6.8	6.5	6.5	6.5	6.7	7.1	7.4	7.9	7.9	7.9	7.6	7.3	7.7	7.9	8.0	7.6	7.3	7.9	7.7	6.2	6.4	6.4
24	6.7	6.8	6.7	6.6	6.4	6.1	6.3	6.0	6.2	6.5	6.7	6.9	6.9	6.5	6.6	6.9	6.8	6.8	6.5	6.0	6.2	6.3	6.4	6.4
25	6.4	6.5	6.5	6.5	6.5	6.6	6.8	6.1	6.6	6.8	10.0	10.5	10.5	11.0	11.4	11.8	11.5	11.6	11.4	9.3	8.8	8.4	8.3	8.3
26	6.5	6.5	6.0	7.2	5.4	4.5	6.0	8.8	8.3	8.3	10.0	10.8	11.4	11.3	11.5	11.1	11.4	11.5	11.1	10.6	10.7	10.3	10.2	11.9
27	11.2	10.3	9.6	9.4	8.1	8.0	9.7	11.1	12.1	13.4	13.1	13.2	13.1	13.4	13.8	14.0	14.0	14.3	14.2	12.9	13.4	13.3	13.1	13.3
28	12.6	12.2	11.4	10.9	10.4	11.0	11.6	12.3	12.8	14.1	14.6	16.8	15.5	15.9	16.2	16.3	16.8	16.0	17.0	16.1	15.8	14.6	14.6	14.1
29	14.3	14.2	13.4	13.2	13.2	12.5	12.2	12.4	11.8	10.8	11.7	11.5	12.4	10.4	10.7	10.9	9.8	8.9	8.0	8.0	5.0	5.0	4.1	3.6
30	1.6	1.5	1.5	1.0	-1.5	-1.4	1.5	3.8	4.8	7.4	7.6	7.6	7.8	8.2	6.7	8.7	9.0	9.8	9.6	9.2	8.6	7.1	6.8	6.3
31	7.8	7.4	6.9	5.9	5.5	6.0	7.5	6.9	9.7	10.2	11.2	11.4	12.1	13.3	13.0	13.5	13.7	12.2	10.6	9.7	8.7	6.5	6.0	6.0

MEAN	4.6	4.5	3.7	3.4	2.9	2.7	3.5	5.2	6.5	7.1	8.5	8.9	9.1	9.3	9.6	9.7	9.7	9.7	9.4	9.1	8.4	7.5	6.4	5.9
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17	ENE 2	E	ENE NE	E	ESE ESE SE	SE	SE	ESE ESE SE	E	E	ESE ESE SE	ESE	16:39										
	24	26	20	17	11	15	19	19	24	22	19	22	19	15	19	17	44						
18	SE SE	SE	SSE SSE SSE	S	S	SSE ESE E	E	SE SE	SE	SE	ESE SE	SSE	13:08										
	11	13	9	2	6	9	9	11	7	7	9	15	9	11	17	7	4	4	9				
19	S	SSW	S	SSW SSE	S	SSW W	NNW WSW WSW	SSW WSW	SSW WSW	SSW WSW	SSW WSW	SSW WSW	13:44										
	13	12	9	4	7	2	6	9	7	7	6	4	11	7	6	20	17	11	9	13			
20	SSW SW	SSW	S	S	S	SSW SW	SSW S	SSW S	SSW S	SSW S	SSW S	S	13:22										
	15	9	17	19	13	13	15	13	19	26	33	33	39	41	41	37	24	33	31	19	20	24	67
21	S	S	S	S	S	S	SSE S	SSE S	S	S	S	S	13:22										
	22	22	22	20	20	26	30	31	33	31	37	33	41	41	43	33	30	24	28	31	30	26	74
22	SE SE	SE	SE	S	S	SE	E	ESE ESE SE	SE	ENE ENE	NNE NNE	NNE N	15:34										
	19	20	20	15	13	30	20	13	9	15	22	22	20	19	19	37	46	46	48	41	37	33	61
23	N	N	N	N	N	NNE NNE	NNE NNE	NNE NNE	NNE NNE	NNE NNE	NNE NNE	NNE NNE	10:57										
	43	39	44	35	28	31	28	33	41	33	39	52	43	37	39	44	37	37	43	35	35	33	61
24	NE NNE	NE	NE	NNE NNE	NE	NE	NNE NNE	NNE NNE	NNE NNE	NNE NNE	NNE NNE	NNE NNE	08:02										
	31	33	31	31	35	33	35	33	35	39	33	35	35	31	26	30	31	28	30	24	24	26	48
25	NNE NNE	NNE	NNE	NNE NNE	NE	NE	NNE NNE	NE	NE	NE	ENE ENE	ENE E	14:28										
	22	19	20	20	19	19	20	20	24	26	24	30	24	28	28	28	26	28	22	17	22	19	43
26	E	E	ENE NE	ENE E	E	ESE ESE	E	ENE ESE	E	ENE ESE	ESE ESE	ESE ESE	12:22										
	13	13	17	11	9	11	9	13	13	17	17	17	26	17	7	13	13	9	9	6	9	11	35
27	SW WSW	WSW	WSW	WSW C	C	W C	C	C	C	C	S	S	SSW WSW	SSW SW	SSE SW	S	SSW S	SSW S	SSW S	SSW S	SSW S	SSW S	15:52
	15	11	9	7	7	0	0	4	0	0	11	13	11	9	15	9	9	13	13	9	9	7	48
28	S	SSW S	S	S	S	S	S	S	S	S	S	S	SSW S	SSE S	SSE S	SSE S	SSE S	SSE S	SSE S	SSE S	SSE S	SSE S	15:44
	9	9	7	9	7	6	6	4	6	6	9	13	20	19	22	26	20	20	15	13	6	11	57
29	S	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	13:34
	22	13	2	15	26	26	13	28	37	30	37	37	33	35	22	26	30	41	41	37	26	17	13
30	NNW W	NNW W	W	W	W	WSW WSW	WSW W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	19:20
	11	11	11	9	9	2	4	7	17	19	24	15	24	17	20	13	11	20	11	6	0	6	11
31	SSW SSW	C	S	S	SSW W	SSW W	SSW S	SSW ENE	NNE S	SE S	NE NE	NE NE	ENE ENE	ENE ENE	ENE ENE	ENE ENE	ENE ENE	ENE ENE	ENE ENE	ENE ENE	ENE ENE	ENE ENE	19:20
	17	11	11	9	9	11	15	7	13	11	6	2	6	7	4	4	24	31	28	28	26	26	19

MEAN 17.216, 415.314, 419.414, 814.617, 017.919, 520.622, 022.123, 121.722, 621.322, 222.821, 418.016, 516.316, 9