



Fisheries and Environment Canada

Pêches et Environnement Canada

Atmospheric Environment

Environnement atmosphérique

# MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS AUGUST / AOÛT

1980

AT/À WINNIPEG INT'L AIRPORT / A L'AÉROPORT 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	25.8	12.7	19.3	0.0	14.3	85	37				22.0	NW	NW 39	13.9					
2	24.6	9.5	17.1	0.9	12.1	95	39				8.9	ENE	NNE19	9.2					
3	25.1	12.2	18.7	0.0	13.7	96	37	1	25.7	25.7	16.8	SE	ESE33	5.0					
4	20.4	12.0	16.2	1.8	11.2	96	53	1	3.6	3.6	31.5	SE	SE 52	7.1					
5	20.3	11.2	15.8	2.2	10.8	98	60		4.4	4.4	20.2	NW	WNW39	6.4					
6	21.6	10.6	16.1	1.9	11.1	96	62		4.3	4.3	6.5	Cal	NNE26	2.3					
7	23.5	14.3	18.9	0.0	13.9	96	50		11.5	11.5	9.6	NNE	NNE19*	6.7					
8	23.3	12.8	18.1	0.0	13.1	98	51				14.8	NW	NNW33	10.3					
9	22.0	9.0	15.5	2.5	10.5	98	53				1.4	Cal	WNW 7	5.6					
10	21.0	11.4	16.2	1.8	11.2	98	70		8.4	8.4	0.8	Cal	S 4	1.1					
11	22.4	8.6	15.5	2.5	10.5	100	61		0.7	0.7	6.4	Cal	SSW15*	5.5					
12	24.0	14.2	19.1	0.0	14.1	94	46		Tr.	Tr.	8.5	WNW	WNW17*	8.7					
13	23.0	11.4	17.2	0.8	12.2	98	59	1	1.6	1.6	9.8	NW	NE 31	6.6					
14	24.2	10.2	17.2	0.8	12.2	98	36				7.9	NNE, NNW	ENE19	13.3					
15	25.2	11.3	18.3	0.0	13.3	84	39				13.5	SE	SE 26*	13.0					
16	17.8	12.3	15.1	2.9	10.1	98	60		10.7	10.7	23.1	SSE	SSE30*	0.0					
17	17.3	12.7	15.0	3.0	10.0	98	78		5.7	5.7	9.3	W, WNW	WNW22	0.9					
18	27.0	9.4	18.2	0.0	13.2	96	51				16.2	SSE	SE 30*	10.7					
19	30.7	14.9	22.8	0.0	17.8	98	50		Tr.	Tr.	8.7	Cal	ESE19*	12.3					
20	22.7	19.0	20.9	0.0	15.9	97	82	1	20.2	20.2	18.6	E	E 28	0.0					
21	22.5	13.4	18.0	0.0	13.0	98	41		0.9	0.9	30.3	WNW, NW	NNW44*	10.6					
22	22.1	11.4	16.8	1.2	11.8	76	41				25.2	W	W 39	12.8					
23	23.5	12.5	18.0	0.0	13.0	87	43		0.3	0.3	6.6	WNW	W 22	12.3					
24	28.9	12.1	20.5	0.0	15.5	93	50				9.5	S	SSW24	13.1					
25	21.1	9.8	15.5	2.5	10.5	89	46	1	Tr.	Tr.	23.0	NW	NW 52	10.0					
26	18.5	6.0	12.3	5.7	7.3	87	43				13.9	WNW	N 33	11.1					
27	21.4	3.5	12.5	5.5	7.5	94	37				7.3	Cal	SSE24	13.4					
28	18.6	12.8	15.7	2.3	10.7	96	73		1.3	1.3	23.5	S	S 37	1.1					
29	20.4	10.8	15.6	2.4	10.6	98	64	1	3.7	3.7	12.5	SSW	W 26	0.2					
30	20.4	10.9	15.7	2.3	10.7	96	40		6.8	6.8	14.8	WNW	NW 22	11.4					
31	19.5	6.8	13.2	4.8	8.2	89	50				6.4	S	SSW13*	1.5					
MEAN MOYENNE	22.5	11.3	16.9	TOTAL 47.8	TOTAL 370.0	94	52	TOTAL 6	TOTAL 109.8	TOTAL 109.8	13.8	PREVAILING * DOMINANTE	MAXIMUM SE 52 NW 52	TOTAL 236.1					
NORMAL NORMALE	25.0	12.2	18.7	37.5	423.4	92	48	6.0	73.7	73.7	17.1	S	51	276.2					
DEGREE-DAY SUMMARY - SOMMAIRE DE DEGRÉS-JOURS										DAYS WITH TOTAL PRECIPITATION: JOURS AVEC PRÉCIPITATIONS TOTALES:					DAYS WITH SNOWFALL: JOURS AVEC CHÛTE 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	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		47.8	69.9	37.5	TOTAL FOR MONTH TOTAL DU MOIS		370.0	352.6	423.4	16	13	11	4	0	0	0	0	0	0
ACCUMULATED SINCE JULY 1 DEPUIS LE 1 <sup>er</sup> JUILLET		57.5	82.3	58.4	ACCUMULATED SINCE APRIL 1 DEPUIS LE 1 <sup>er</sup> AVRIL		1673.2	1297.7	1462.4										

UDC 551.506.1 ( )

\* Indicates more than one occurrence of same speed but not necessarily the same direction.

Subscription Price: \$1.00 monthly; \$10.00 per calendar year (January to December)

Aug. 10 - Afternoon water scout 20 mi N Gimli. Funnel clouds 5 km W of Gimli, SE of Victoria Beach.

Aug. 11 - Evening funnel clouds S of Letellier. Aug. 19 - In evening man killed by lightning near Winkler, hail + power outage at Riverton. 2" hail at Hodgson dented cars. Aug. 26 - Tornado reported in evening S of Lansdowne Hse.

CLIMATOLOGICAL SUMMARY FOR AUGUST 1980AT WINNIPEG, MANITOBA

August was wet and cool. 109.8 mm of rain was the most precipitation recorded in a month since May 1978. There were 16 days with measurable precipitation as compared to the normal 10. A mean temperature of 16.9 was almost 2 degrees below the normal 18.7. The warmest day was 30.7 on the 19th and the coolest night was 3.5 on the 27th. Sunshine with 236.1 hours was some 40 hours below the normal. The average wind was 13.8 Km/h.

DAILY WEATHER SUMMARY FOR AUGUST 1980AT WINNIPEG, MANITOBA

All Times Central Standard  
Not Daylight.

1. Above normal temperatures. Mostly sunny. Moderate winds with NW gusts to 52 Km/h.
2. Below normal temperatures. Partly cloudy. Light winds.
3. Near normal temperatures. Sunny becoming cloudy late morning. Showers 11:47 a.m. to 12:08 p.m., 3:41 p.m. continued. Thunder 10:20 p.m. continued. Precipitation heavy late evening.
4. Below normal temperatures. Partly cloudy. Thunder to 00:20 a.m. Showers to 7:04 a.m. Drizzle 7:00 to 7:04 a.m. Showers or rain 12:39 p.m. to 8:50 p.m. Moderate winds gusting to 83 Km/h.
5. Below normal temperatures. Partly cloudy. Showers 4:58 a.m. to 6:40 a.m. Light rain or drizzle 6:40 a.m. to 9:24 a.m. Showers 12:48 p.m. to 2:44 p.m. Moderate winds gusting to 59 Km/h.
6. Below normal temperatures. Mostly cloudy. Showers 5:07 a.m. to 10:07 a.m., 1:37 p.m. to 5:27 p.m., 7:58 p.m. continued. Mostly light winds.
7. Near normal temperatures. Partly cloudy. Showers or light rain to 01:13 a.m. Showers 2:34 p.m. to 11:48 p.m. Lightning late evening. Mostly light winds.
8. Below normal temperatures. Mostly sunny. Mostly light winds but NNW gusts to 41 Km/h. Fog in early morning.
9. Below normal temperatures. Partly cloudy. Light winds. Fog patches in morning.
10. Below normal temperatures. Cloudy. Light rain 6:27 a.m. to 12:10 p.m. Showers 12:10 p.m. to 6:16 p.m. In afternoon water spout reported 20 miles N of Gimli. Funnel clouds 5 miles NW Beausejour and SSE Victoria Beach. Fog patches early morning and late evening.
11. Below normal temperatures. Partly cloudy. Heavy fog in morning. Visibility severely reduced. Light rain 10:51 a.m. to 3:25 p.m. Showers 10:49 p.m. continued. In evening funnel cloud reported S of Letellier.
12. Above normal temperatures. Partly cloudy. Showers to 00:07 a.m. Light winds. Lightning early morning.
13. Below normal temperatures. Partly cloudy. Thunder 12:55 p.m. to 3:32 p.m. Showers 10:54 a.m. to 3:50 p.m., 8:07 p.m. to 8:46 p.m. Mostly light winds.
14. Below normal temperatures. Mostly sunny. Light winds.
15. Near normal temperatures. Mostly sunny. Mostly light winds.
16. Below normal temperatures. Cloudy. Showers 11:20 a.m. to 11:00 p.m. Light drizzle 11:00 p.m. continued. Moderate winds gusting to 48 Km/h.
17. Record low maximum temperatures. Cloudy. Drizzle or light rain to 11:37 a.m., 1:52 p.m. to 4:31 p.m. Mostly light winds.
18. Normal temperatures. Mostly sunny. Mostly light winds.
19. Above normal temperatures. Mostly sunny. Showers 7:18 p.m. to 8:09 p.m. Light fog in morning. Mostly light winds. Lightning late evening. In evening man killed by lightning near Winkler. Hail + power outages at Riverton. 2" hail at Hodgson dented cars.
20. Above normal temperatures. Cloudy. Thunder 10:00 a.m. to 11:23 a.m. Showers 9:52 a.m. to 7:34 p.m. Light fog in morning. Visibility restricted. Mostly light winds. 121 mm rain at Vogar on 19-20 Aug. 132 mm at Ashern.
21. Near normal temperatures. Cloudy clearing late morning. Light rain or showers 3:30 a.m. to 7:40 a.m. Moderate NW winds gusting to 70 Km/h. Fog patches early morning.
22. Below normal temperatures. Mostly sunny. Moderate west winds gusting to 56 Km/h.
23. Near normal temperatures. Mostly sunny. Light winds. Light rain 01:55 a.m. to 5:28 a.m.
24. Warm. Mostly sunny. Mostly light winds.
25. Below normal temperatures. Partly cloudy. Thunder 8:30 a.m. to 8:39 a.m. Showers 8:21 a.m. to 11:09 a.m. Moderate WNW winds gusting to 61 Km/h.
26. Cool. Mostly sunny. Mostly light winds. Tornado reported in evening S of Lansdowne House.
27. Cool. Sunny. Mostly light winds. Light fog and smoke over city in morning.
28. Below normal temperatures. Mostly cloudy. Showers 8:27 a.m. to 11:04 a.m. Moderate S winds gusting to 52 Km/h.
29. Below normal temperatures. Cloudy. Thunder 7:38 a.m. to 8:45 a.m., shower 7:09 a.m. to 10:14 a.m., 2:43 p.m. to 3:40 p.m., 8:15 p.m. to 10:06 p.m. Mostly light winds but W gusts to 50.
30. Below normal temperatures. Mostly sunny. Light drizzle or showers 3:27 a.m. to 6:12 a.m. Visibility slightly reduced. Lightning in morning. Mostly light winds but W gusts to 50 Km/h.
31. Cool. Cloudy. Light winds.

HOURLY WETBULB TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF AUGUST 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.	12.6	11.7	11.7	11.4	11.1	11.0	10.8	12.7	15.0	16.6	16.3	16.5	16.1	16.0	15.8	15.8	15.4	15.2	15.1	16.0	15.0	15.9	12.3	12.3
2.	11.8	10.7	11.1	10.7	10.9	9.7	9.5	11.6	13.4	13.9	13.9	14.3	14.1	15.0	15.1	14.6	15.1	15.0	15.0	14.8	15.0	14.3	12.7	11.7
3.	11.8	11.2	11.8	11.5	11.2	11.0	10.7	12.6	12.8	14.2	14.9	15.1	14.7	15.0	15.2	15.5	15.4	15.0	15.7	15.4	14.8	15.0	15.4	15.4
4.	15.8	15.4	15.6	16.0	16.7	16.6	16.6	14.8	15.0	14.0	13.7	14.4	13.5	13.8	13.6	13.5	13.6	13.3	13.6	13.5	13.3	13.0	12.4	11.8
5.	11.5	12.0	11.3	11.3	11.7	13.6	13.8	13.8	14.7	15.0	14.7	15.5	15.1	15.9	15.0	15.1	14.9	15.4	15.0	14.4	14.2	13.1	11.9	13.0
6.	12.5	11.3	11.6	10.7	10.5	12.1	12.1	12.6	13.5	15.4	15.6	16.0	16.3	16.5	16.9	16.7	16.7	17.5	17.6	17.8	17.1	16.5	16.3	15.6
7.	15.3	15.0	14.9	14.7	14.2	14.0	14.0	14.1	15.5	15.6	15.5	16.6	17.0	16.9	16.1	16.5	15.7	15.5	15.1	15.4	15.2	14.7	15.1	15.6
8.	15.6	14.5	14.8	13.9	13.2	12.4	12.7	14.0	14.3	14.2	15.2	15.2	15.7	15.8	16.5	16.0	16.5	15.1	16.3	15.6	15.2	14.9	13.4	12.0
9.	12.4	12.0	10.8	10.3	9.8	9.1	9.5	12.7	14.6	14.7	15.0	15.5	15.8	15.8	15.8	15.5	15.5	15.5	16.0	15.7	15.0	15.1	15.5	14.9
10	14.1	12.9	12.1	12.7	13.0	13.8	14.0	14.9	15.5	15.8	16.0	16.1	16.3	16.4	16.5	16.5	17.1	17.0	16.3	16.0	14.1	13.5	12.6	11.6
11	11.4	10.7	10.5	9.3	9.2	8.6	8.8	11.6	14.6	15.1	16.1	16.0	16.2	16.4	16.2	16.0	16.6	16.7	16.0	16.1	16.0	16.0	16.0	16.0
12	16.2	16.0	16.0	15.4	15.0	14.6	14.5	14.9	16.3	17.3	17.0	16.7	16.5	16.7	15.8	16.9	16.4	17.0	16.7	16.3	15.3	14.2	14.0	13.2
13	14.0	13.5	12.5	12.4	12.5	11.9	11.9	13.4	14.5	17.1	17.1	17.0	17.0	17.1	17.2	17.0	17.4	16.0	16.5	15.2	14.9	14.5	14.0	14.0
14	14.2	13.5	12.1	11.7	11.7	10.3	10.0	12.0	13.8	15.0	16.0	15.5	15.1	15.1	14.2	14.1	14.5	14.6	14.4	15.6	13.0	12.7	11.6	12.2
15	11.7	10.8	10.8	10.8	10.8	9.8	10.2	12.0	13.0	14.4	15.0	15.7	15.9	15.9	15.5	16.0	15.7	15.4	15.0	13.5	12.5	12.2	12.2	12.4
16	12.5	12.2	12.0	12.2	13.0	11.6	11.4	11.6	11.4	11.4	11.9	12.4	12.2	12.8	12.5	13.5	11.7	11.9	12.5	12.5	12.5	13.4	12.3	12.1
17	12.5	12.6	12.8	12.9	13.0	13.0	13.0	13.0	13.0	13.4	13.3	13.5	13.8	14.2	14.2	15.0	14.8	15.1	15.0	14.7	14.0	14.2	14.1	13.0
18	12.6	11.9	10.5	10.3	9.3	9.4	10.0	10.8	13.4	13.8	14.9	16.1	17.5	18.5	19.5	20.0	19.2	20.3	20.1	19.7	19.0	18.8	16.6	16.1
19	17.8	18.1	18.0	16.4	15.7	15.2	15.2	18.8	20.7	21.2	22.4	23.3	23.5	24.2	24.3	22.7	22.0	22.0	22.0	21.8	21.0	19.9	19.3	18.7
20	18.7	19.2	20.1	19.5	19.7	19.4	19.3	19.5	20.0	20.4	20.3	20.5	21.0	20.5	20.0	20.0	20.6	19.8	19.8	19.5	19.7	19.6	19.5	19.2
21	18.6	17.5	18.0	16.5	16.2	15.0	15.7	15.5	15.1	15.4	15.5	15.3	15.2	14.6	14.7	13.8	14.0	13.3	13.2	12.8	12.3	11.7	11.3	10.6
22	10.5	10.2	10.0	9.6	9.5	9.5	9.3	10.0	11.5	12.0	12.8	13.3	13.6	14.2	14.0	14.4	13.6	14.5	13.5	13.0	12.8	13.1	12.8	12.6
23	12.8	13.0	12.6	12.4	12.8	11.7	11.7	11.7	13.0	13.6	13.5	14.7	14.2	14.4	15.0	15.2	15.3	14.9	14.6	14.6	14.0	13.3	13.8	13.0
24	13.0	13.6	13.5	13.0	12.0	11.5	11.8	13.8	15.5	17.0	18.4	18.8	19.5	20.0	20.3	20.5	21.2	20.9	21.7	21.7	20.0	18.6	17.9	18.0
25	17.8	18.4	18.4	18.6	18.7	18.2	18.0	17.8	17.4	13.0	12.1	11.5	11.6	13.1	13.1	13.1	12.9	11.5	11.6	11.0	9.9	8.9	8.5	8.0
26	8.0	7.4	6.8	5.7	6.0	5.9	5.0	6.6	9.0	10.8	10.5	11.1	11.0	11.1	10.7	10.8	11.3	10.9	10.1	10.6	10.8	8.2	7.7	6.5
27	7.4	6.1	4.9	4.0	3.5	3.0	3.6	6.9	9.8	11.0	12.1	11.7	11.9	12.7	12.2	12.5	13.3	12.7	12.4	11.7	10.7	10.3	11.8	11.7
28	11.3	11.2	10.8	10.8	11.0	11.2	11.4	12.8	13.9	14.0	14.5	14.8	15.4	15.3	16.0	16.2	16.3	16.8	16.8	16.3	16.2	15.8	15.7	15.6
29	15.4	15.4	14.8	14.8	14.3	14.1	14.3	14.8	15.8	14.2	14.5	15.2	15.5	14.8	15.8	16.5	16.2	16.1	16.4	15.9	15.5	14.7	12.8	11.4
30	11.0	11.7	11.8	12.1	11.5	11.7	11.3	11.2	11.3	12.2	13.1	13.6	13.7	13.2	13.9	13.1	12.2	12.0	12.3	11.7	10.6	9.5	9.9	5.9
31	8.6	7.7	7.1	6.9	7.2	6.1	6.9	8.2	9.2	10.2	11.6	12.8	12.8	13.0	13.0	13.2	12.8	13.2	13.4	12.5	12.0	12.1	12.5	11.5
MEAN	13.2	12.8	12.6	12.2	12.1	11.8	11.8	12.9	14.0	14.6	14.9	15.3	15.4	15.6	15.6	15.7	15.6	15.5	15.5	15.2	14.5	14.0	13.7	13.3

17	ESE	ESE	SE	SE	SSE	SSE	S	SSW	S	W	WNW	NW	W	WNW	WNW	NW	W	WNW	W	W	WSW		18 CST	NW	35	
	15	11	11	9	7	6	7	7	7	9	9	7	9	6	6	22	11	13	11	6	9	6				
18	SW	SW	SW	SSW	S	SSE	SSE	SSE	SSE	S	SE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SSE		16 CST	S	43
	6	6	6	4	6	7	9	13	22	20	20	24	30	22	30	28	20	19	17	17	19	15	9			
19	SSE	SSE	C	N	C	C	C	C	NNE	E	ESE	ESE	ESE	E	SE	SSE	SSE	SE	E	N	ENE	C		20 CST	E	31
	7	7	0	9	0	0	0	2	13	11	19	15	15	11	15	15	15	19	11	15	6	4	0			
20	C	SE	ENE	E	E	E	E	ESE	E	E	SE	ESE	ESE	ENE	E	ESE	ESE	E	ESE	ESE	SE	SE		19 CST	E	39
	0	15	9	11	11	20	22	26	24	20	24	19	22	26	19	19	19	28	19	20	24	22	9			
21	SE	C	WNW	NNW	NNW	NNW	NW	WNW	NW	NW	NW	NW	NW	WNW	WNW	WNW	WNW	W	W	W	W	W		12 CST	NW	70
	4	0	19	39	33	37	44	31	33	37	43	43	37	44	41	33	37	33	26	20	19	17	20			
22	WSW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W		09 CST	W	56
	20	19	24	24	20	22	26	28	28	37	37	35	39	33	30	33	33	26	15	13	15	9	9			
23	W	WSW	W	C	W	WNW	W	WNW	W	WNW	WNW	WNW	SW	WNW	SW	SSW	SSW	SSW	SSW	S	S	S				
	2	6	2	0	22	4	2	4	6	4	11	15	17	9	2	6	2	7	7	4	7	4	9			
24	S	S	S	S	SSE	SSE	SSE	S	SSE	S	S	SSW	SSW	SW	SSW	SSW	W	W	C	C	C	C		13 CST	SSW	33
	4	9	7	7	4	9	4	7	9	9	13	19	17	24	20	22	19	13	11	2	0	0	0			
25	SSE	S	S	S	SW	W	WNW	W	WNW	WNW	WNW	NW	WNW	NW	NW	NW	NW	NW	NW	NW	WNW	W		11 CST	WNW	61
	2	9	15	15	22	19	15	13	33	31	28	35	30	22	24	52	39	26	26	19	15	19	15			
26	W	WNW	WNW	WNW	WNW	W	WNW	NW	NW	N	NNW	N	NNW	N	NNW	NNW	NNW	C	C	C	C	C		13 CST	N	44
	17	17	13	11	15	13	15	11	13	13	22	20	28	33	28	19	17	22	7	0	0	0	0			
27	C	C	C	C	C	C	C	C	C	S	S	SE	ESE	E	SE	SSE	SSE	S	S	SSE	ESE	SSE		00 CST	SSF	35
	0	0	0	0	0	0	0	0	0	2	2	4	15	2	2	7	15	17	22	15	11	15	24			
28	SSE	SSE	S	SSE	S	S	SSE	S	S	S	S	S	S	S	S	SSW	SSW	SSW	S	S	S	S		15 CST	S	52
	19	19	17	19	19	24	19	26	20	24	24	30	26	33	37	30	26	19	17	20	20	19	20			
29	S	SSW	S	SSW	SSW	SSW	S	SW	WSW	ESE	ESE	N	NNW	NE	C	E	N	ENE	C	ESE	W	WNW		22 CST	W	50
	20	17	17	19	13	11	9	13	24	11	19	4	17	4	0	11	4	2	0	9	26	17	17			
30	WNW	W	W	WNW	WNW	WNW	W	WNW	W	WNW	WNW	WNW	NW	WNW	NW	NW	NW	W	SSW	SSW	SSW	SSW		04 CST	W	50
	13	13	13	20	20	15	17	13	19	19	19	19	17	22	19	19	17	13	2	2	6	9	9			
31	SSW	SW	SW	C	S	S	S	S	SSW	SSW	SSW	SSW	S	S	S	SSE	SSW	SSW	SSW	SSW	SSW	SSW				
	4	4	2	0	4	6	2	4	6	13	9	7	13	13	11	9	6	6	6	7	4	6	6			

MEAN 9.3 9.2 9.6 11.0 11.4 11.9 11.5 11.0 13.8 15.6 18.7 19.6 19.7 19.6 20.0 20.2 20.5 20.6 20.7 20.8 20.9 20.9 20.9 20.9 21.0 21.4 21.9