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MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS

OCTOBER/OCTOBRE

1982

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

LAT: 49° 54' N		LONG: 97° 14' W		ELEVATION: ALTITUDE: METRES (ASL) MÉTRES (NMM) 239.6		STANDARD TIME USED: HEURE NORMALE UTILISÉE: CENTRAL													
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. TOTALE		AVERAGE SPEED VITESSE MOYENNE	PREVAILING DIRECTION DIRECTION DOMINANTE	MAXIMUM SPEED AND DIRECTION VITESSE MAXIMALE ET DIRECTION				
	°C	°C	°C	BASE 18.0°C	BASE 5.0°C	%	%	mm	cm	mm	cm	km/h		km/h	HOURS HEURES				
1	7.5	-2.1	2.7	15.3	0.0	97	69	4.2		4.2		6.5	E	SE 15	0.0				
2	9.0	4.7	6.9	11.1	1.9	100	75	0.4		0.4		10.1	W	W 17*	0.0				
3	15.3	2.4	8.9	9.1	3.9	94	64	2.2		2.2		12.7	WSSE	SE 20	7.4				
4	12.9	2.2	7.6	10.4	2.6	98	68	0.8		0.8		19.4	W	W 46	1.5				
5	4.9	-0.8	2.1	15.9	0.0	92	65	Tr.		Tr.		16.8	NNE	N 22*	0.2				
6	5.5	3.4	4.5	13.5	0.0	97	79	16.8	1	16.8		25.5	NNE	NNE 33	0.0				
7	7.4	4.7	6.1	11.9	1.1	97	87	2.4		2.4		12.9	N	NNE 28	0.0				
8	9.8	6.2	8.0	10.0	3.0	98	81	0.2		0.2		6.4	Calm	NNE 17	0.1				
9	10.2	6.9	8.6	9.4	3.6	97	79	4.8		4.8		24.5	NNE	NNE 31*	0.0				
10	8.1	6.0	7.1	10.9	2.1	97	92	22.0		22.0		30.1	N	N 35	0.0				
11	6.9	5.0	6.0	12.0	1.0	97	92	3.0		3.0		25.1	N	N 30*	0.0				
12	7.7	2.7	5.2	12.8	0.2	94	72	Tr.		Tr.		14.9	NNW	NNW 22	0.0				
13	16.0	3.3	9.7	8.3	4.7	91	46					11.9	SSW	WSW 20	4.7				
14	16.7	4.3	10.5	7.5	5.5	92	47					17.5	WNW	WNW 31	7.5				
15	9.5	-0.6	4.5	13.5	0.0	92	46					21.0	WNW	NNW 39	10.2				
16	5.7	-1.9	1.9	16.1	0.0	93	67	2.4	0.6	3.0		13.8	SE ESE	ESE 31	0.0				
17	16.7	3.4	10.1	7.9	5.1	94	65	0.4		0.4		23.8	S	S 41	7.9				
18	5.6	-1.0	2.3	15.7	0.0	92	73	Tr.	Tr.	Tr.		26.3	N	N 33*	0.6				
19	1.8	-2.8	-0.5	18.5	0.0	92	68		0.2	Tr.		16.6	N	N 26*	0.2				
20	2.7	-3.4	-0.4	18.4	0.0	87	61					8.8	NNW	WNW15	1.8				
21	8.5	-4.2	2.2	15.9	0.0	87	45					16.3	S	S 26	8.8				
22	10.2	-1.8	4.2	13.8	0.0	93	57					11.6	(S S)	SSE 17*	8.7				
23	15.8	1.8	8.8	9.2	3.8	90	45					25.7	S	S 37	7.2				
24	17.8	3.3	10.6	7.4	5.6	91	36					9.4	S	S 19	9.4				
25	18.2	2.8	10.5	7.5	5.5	85	49					9.5	SE	SSE 20	6.6				
26	18.0	5.6	11.8	6.2	6.8	89	48					18.8	SSE	SSE 37	4.3				
27	15.5	7.3	11.4	6.6	6.4	81	47	Tr.		Tr.		22.1	SSE	SSE 37	5.1				
28	10.2	6.1	8.2	9.8	3.2	97	77	1.2		1.2		9.4	E	WNW 19	0.0				
29	7.6	0.5	4.1	13.9	0.0	94	49	0.6		0.6		20.9	W	W 31	1.1				
30	8.7	-3.4	2.7	15.3	0.0	77	32					20.1	WSW	SW 30	9.0				
31	13.2	-1.3	6.0	12.0	1.0	77	27					16.2	SW	W 28	8.7				
MEAN MOYENNE	10.4	1.9	6.2	TOTAL 365.7	TOTAL 67.0	92	62	TOTAL 1	TOTAL 61.4	TOTAL 0.8	TOTAL 62.0	16.9	PREVAILING DIRECTION DOMINANTE N	MAXIMUM W 46	TOTAL 111.0				
NORMAL NORMALE	11.5	0.7	6.1	369.6	82.1	90	51	0.5	25.9	5.2	30.9	19.6	SOUTH	58	151.5				
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	365.7	392.5	369.6	TOTAL FOR MONTH TOTAL DU MOIS	67.0	85.8	82.1	14	9	8	2	0	2	0	0	0	0		
ACCUMULATED SINCE JULY 1 ACCUMULÉE DEPUIS LE 1 ^{er} JUILLET	641.3	592.3	612.1	ACCUMULATED SINCE APRIL 1 ACCUMULÉE DEPUIS LE 1 ^{er} AVRIL	1706.0	1821.8	1779.5												

UQC 551.506.1

* INDICATES MORE THAN ONE OCCURRENCE OF SAME SPEED BUT NOT NECESSARILY THE SAME DIRECTION.

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CLIMATOLOGICAL SUMMARY FOR OCTOBER 1982AT WINNIPEG, MANITOBA

Precipitation was more than double the normal for the month. Most of the 62.0 mm fell between the 6th and the 10th. There were 14 days with measureable precipitation, well above the normal of 8. Sunshine was well below normal with 111.0 hours.

The warmest day was 18.2°C on the 25th while the coldest night was -4.2°C on the 21st. The mean wind of 16.9 Km/h was below the normal of 19.6 Km/h.

DAILY WEATHER SUMMARY FOR OCTOBER 1982.AT WINNIPEG, MANITOBA

All Times Central Standard Not Daylight

1. Cool. Cloudy. Showers 1:23 P.M. to 6:20 P.M. Rain 6:20 P.M. continued. Drizzle 8:20 P.M. to 10:05 P.M. Light winds. Light fog in the evening.
2. Below normal temp. Cloudy. Rain to 2:52 A.M., 6:25 P.M. to 6:50 P.M. Drizzle 00:56 A.M. to 2:50 A.M., 5:30 P.M. to 6:25 P.M. Heavy fog 3:20 A.M. to 3:50 A.M. Light fog until early afternoon. Light winds.
3. Normal temp. Partly cloudy. Rain 8:44 P.M. continued. Drizzle 10:52 P.M. to 11:13 P.M. Light winds.
4. Slightly below normal temp. Mostly cloudy. Rain to 00:27 A.M., 2:19 A.M. to 2:47 A.M. Mostly light winds but W gust to 54 Km/h in morning.
5. Cool. Cloudy. Drizzle 8:06 A.M. to 8:45 A.M. Mostly light winds but NNE gust to 33 Km/h in afternoon.
6. Cool. Cloudy. Showers 10:24 A.M. to 11:49 A.M. Rain 11:49 A.M. to 5:18 P.M. Drizzle or light rain 5:21 P.M. to 6:42 P.M. Thunder 6:50 P.M. to 9:13 P.M. Showers sometimes heavy 6:42 P.M. to 11:40 P.M. Moderate winds with NNE gust to 43 Km/h in afternoon. Light fog in afternoon. Visibility restricted.
7. Below normal temp. Cloudy. Showers 00:20 A.M. to 01:32 A.M. Drizzle or light rain 4:55 A.M. to 10:17 P.M. Light fog in morning, afternoon and evening. Visibility restricted. Light winds.
8. Normal temperature. Cloudy. Drizzle 02:50 A.M. to 6:45 A.M., 8:08 P.M. to 11:40 P.M. Light winds. Light fog in morning and evening. Visibility restricted.
9. Slightly above normal temp. Cloudy. Drizzle 00:44 A.M. to 01:20 A.M., 2:25 P.M. to 5:05 P.M. Rain 5:05 P.M. continued. Light fog late afternoon. Moderate winds with N gust to 44 Km/h in early evening.
10. Normal temperatures. Cloudy. Rain to 9:32 P.M. Drizzle 2:50 P.M. to 5:40 P.M., 9:39 P.M. continued. Light fog in afternoon and evening. Visibility restricted. Moderate winds with N gust to 52 Km/h in the morning.
11. Slightly below normal temp. Cloudy. Drizzle or light rain to 2:10 P.M. Drizzle 5:12 P.M. continued. Light fog. Visibility restricted. Moderate winds with N. gust to 41 Km/h in morning.
12. Below normal temperatures. Cloudy. Drizzle to 6:15 A.M. 10:59 A.M. to 1:10 P.M. Light fog in morning. Light winds.
13. Above normal temperatures. Partly cloudy. Light winds.
14. Above normal temperatures. Sunny becoming cloudy late afternoon. Mostly light winds but WNW gust to 43 Km/h in afternoon.
15. Below normal temperatures. Sunny. Moderate winds with NNW gust to 54 Km/h in morning.
16. Cool. Cloudy. Showers 7:09 A.M. to 5:40 P.M., 10:10 P.M. to midnight. Ice pellets 4:19 P.M. to 4:42 P.M., 10:20 P.M. to 10:31 P.M. Mostly light winds but ESE gust to 48 Km/h in late evening. Light fog in evening.
17. Mild. Mostly sunny. Showers 01:44 A.M. to 02:35 A.M., 6:38 A.M. to 7:37 A.M. Moderate winds with S gust to 50 Km/h in morning.
18. Cool. Cloudy. Drizzle 10:16 A.M. to 4:14 P.M. Snow flurries 6:12 P.M. to 6:15 P.M. Snow 6:43 P.M. to 8:10 P.M. Moderate winds with N gust to 50 Km/h in afternoon.
19. Cool. Cloudy. Snow 00:55 A.M. to 6:10 A.M. Mostly light winds but NNW gust to 33 Km/h in morning.
20. Cool. Mostly cloudy. Light winds.
21. Cool. Mostly sunny. Mostly light winds but S gust to 37 Km/h in early afternoon.
22. Near normal temp. Mostly sunny. Light winds.
23. Mild. Mostly sunny. Moderate winds with SSE gust to 50 Km/h in the afternoon.
24. Mild. Mostly sunny. Light winds.
25. Mild. Sunny becoming cloudy mid afternoon. Light winds.
26. Mild. Partly cloudy. Mostly light winds.
27. Mild. Partly cloudy. Light rain 6:05 P.M. to 6:15 P.M., 11:50 P.M. continued. Moderate winds with SSE gust to 46 Km/h in early morning.
28. Mild. Cloudy. Rain to 2:10 A.M. Drizzle or rain 2:14 P.M. to 4:51 P.M., 9:46 P.M. continued. Light fog till late afternoon and late evening continued. Light winds. Haze morning and afternoon.
29. Above normal temperatures. Mostly cloudy. Drizzle to 2:31 A.M. Rain to 5:25 A.M. Light fog in early morning. Moderate winds with W gust to 48 Km/h in evening.
30. Above normal temp. Mostly sunny. Moderate winds with SW gust to 46 Km/h in the afternoon.
31. Above normal temperatures. Mostly sunny. Mostly light winds with WSW gust to 33 Km/h in the early afternoon.

HOURLY WET BULB TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF OCTOBER 1982
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.	-5	0.0	-5	-1.2	-1.2	-7	-1.7	-1.0	.4	3.0	3.5	4.0	4.7	4.6	4.3	4.0	4.5	4.6	4.8	4.8	4.8	4.9	5.1	5.5
2.	5.5	5.4	5.3	5.1	5.1	5.0	4.8	4.6	4.5	4.6	5.4	5.1	5.5	5.8	2.0	6.8	7.0	7.2	7.4	7.6	7.4	6.9	6.8	5.8
3.	4.9	5.1	4.9	4.5	3.1	2.6	2.5	2.6	4.4	5.8	7.0	7.8	8.8	9.6	10.2	10.5	11.2	10.8	10.5	9.6	10.2	10.1	10.1	10.1
4.	10.0	9.8	9.2	9.3	9.0	8.3	8.2	8.8	9.8	10.2	9.6	8.9	8.4	8.4	7.6	7.9	8.0	7.9	7.5	7.4	5.7	4.4	3.5	2.9
5.	1.5	-3	-2	.9	.7	0.0	-1.0	-1.0	-4	-2	0.0	.5	1.1	1.2	1.5	1.5	1.8	2.2	2.2	2.8	2.8	2.8	2.8	2.8
6.	2.4	2.4	2.5	2.3	2.5	2.8	3.0	3.2	3.3	3.3	3.5	3.4	4.0	4.0	4.0	4.2	4.3	4.4	4.4	4.5	4.7	4.3	4.2	4.4
7.	4.6	4.6	4.7	4.7	4.7	4.8	4.8	5.1	5.2	5.3	5.3	5.5	5.7	6.2	6.3	6.3	6.5	6.3	6.2	6.5	6.4	6.3	6.1	6.3
8.	6.2	6.3	6.6	6.5	6.5	6.5	6.5	6.7	6.8	7.0	7.0	7.6	7.6	8.1	7.6	8.0	8.0	8.0	7.8	8.0	8.2	8.2	8.5	8.7
9.	8.6	7.8	7.2	7.1	6.4	6.8	7.0	7.2	7.5	7.5	7.5	8.0	8.2	8.3	8.5	8.4	8.2	8.0	7.8	7.8	7.7	7.7	7.6	7.5
10.	7.5	7.5	7.5	7.6	7.4	7.4	7.4	7.3	7.5	7.5	7.6	7.5	7.5	7.5	7.5	7.0	7.0	7.0	6.6	6.4	6.4	6.0	5.9	5.9
11.	6.0	6.2	6.1	6.1	6.0	6.0	5.8	5.7	5.7	5.8	6.3	6.5	6.0	5.8	5.8	5.8	5.8	5.6	5.4	5.2	5.0	5.0	5.0	4.9
12.	4.8	4.6	4.7	4.7	4.9	4.9	4.9	4.8	4.9	5.1	5.3	5.3	5.7	5.5	5.3	5.5	5.0	5.2	5.0	5.0	4.2	3.3	3.0	3.5
13.	4.1	4.8	4.1	3.0	4.0	4.1	4.0	4.4	5.1	6.0	7.5	8.6	8.6	10.1	10.0	9.7	9.9	9.3	8.9	8.5	8.0	8.0	8.1	7.2
14.	7.1	6.8	6.4	6.3	5.4	5.6	5.7	5.9	6.8	8.3	9.3	10.4	11.0	10.0	10.3	10.5	10.2	10.0	9.5	8.7	6.8	6.0	4.9	3.7
15.	4.2	3.8	2.9	2.5	2.4	3.0	2.5	1.7	2.3	3.3	3.4	4.1	3.9	5.0	4.7	4.7	4.2	4.1	3.0	1.9	1.4	1.9	1.4	0.0
16.	-1.0	-2.1	-1.4	-4	-2	1.3	1.7	1.4	1.9	2.0	2.6	2.9	3.0	3.0	3.1	3.1	3.0	3.0	3.0	2.9	2.6	2.6	2.5	2.7
17.	2.8	2.7	2.9	3.0	3.2	3.4	3.5	3.6	4.2	4.9	6.2	7.0	8.8	10.0	11.3	12.4	13.1	11.3	9.9	7.3	6.2	4.5	3.5	3.4
18.	4.8	4.5	4.2	3.8	2.5	2.5	2.4	2.3	1.5	1.3	1.3	1.3	1.8	1.8	1.7	1.3	1.0	.9	.9	.5	0.0	0.0	-5	-7
19.	-1.3	-9	-1.0	-1.2	-1.4	-1.6	-2.0	-2.1	-2.1	-2.1	-1.7	-1.5	-1.0	-5	-4	-1.0	-8	-1.2	-2.9	-3.4	-2.2	-2.3	-2.2	-2.3
20.	-2.4	-2.2	-2.2	-2.1	-1.9	-1.7	-1.9	-1.9	-1.8	-1.8	-1.7	-1.1	-7	-5	0.0	-2	-5	-1.0	-1.9	-2.8	-2.8	-3.2	-3.7	-3.8
21.	-3.7	-4.3	-3.7	-4.2	-4.3	-3.4	-4.3	-3.6	-3.0	-1.1	1.2	2.9	3.0	3.2	3.4	4.0	3.6	3.2	1.9	.7	.6	.7	.8	.2
22.	0.0	-5	-8	-1.0	-1.5	-2.5	-2.5	-2.0	-1.3	-1.1	1.8	3.3	4.6	5.0	5.9	6.3	6.3	4.6	3.5	1.8	1.0	1.7	2.0	1.7
23.	1.4	1.4	2.5	3.0	3.2	3.2	3.5	3.3	3.5	4.2	5.9	7.2	8.4	9.3	9.6	9.7	9.5	9.0	8.3	8.0	7.8	7.5	7.1	7.2
24.	6.7	6.0	6.1	5.8	5.1	5.1	4.4	4.0	3.4	6.0	7.3	9.0	10.0	9.4	10.3	9.8	9.2	8.3	6.6	5.1	3.1	3.2	3.4	2.8
25.	3.0	2.5	2.2	2.7	1.8	1.8	2.2	2.3	2.4	6.2	9.0	10.4	11.2	11.7	11.7	11.8	11.0	10.3	9.6	9.5	8.3	8.4	7.4	7.0
26.	6.7	6.4	6.8	6.1	4.9	5.5	5.4	5.3	6.3	7.8	10.4	11.2	11.8	11.2	11.4	12.1	11.5	11.3	10.2	9.3	9.4	9.0	8.2	7.9
27.	7.7	7.5	8.0	7.6	7.8	5.6	5.4	5.2	5.7	7.0	8.5	10.7	12.0	9.0	9.2	8.9	8.1	8.1	7.9	7.6	7.0	7.0	6.5	6.4
28.	7.5	7.8	7.9	7.7	7.7	7.9	8.0	7.9	7.8	7.8	8.2	8.1	8.1	8.3	8.2	8.4	7.5	7.5	7.4	7.0	6.8	6.7	6.8	6.2
29.	6.0	5.0	4.6	4.1	3.7	3.5	3.4	3.2	1.9	1.6	1.8	3.1	2.9	2.4	2.8	3.3	3.5	3.6	3.2	2.0	1.7	.6	-5	-1.4
30.	-1.7	-2.2	-2.7	-3.0	-3.7	-4.0	-4.2	-4.8	-4.0	-2.1	-3	1.7	2.3	1.9	2.4	2.5	2.4	2.0	1.5	1.0	.7	-2.2	.2	0.0
31.	0.0	-1.0	-1.0	-1.4	-1.8	-1.2	-2.2	-2.2	-1.7	-2	2.0	3.6	4.8	5.0	5.4	5.3	4.8	4.1	2.7	2.8	2.3	1.3	.7	-4

MEAN	3.7	3.4	3.3	3.2	3.0	3.0	2.8	2.8	3.2	4.0	4.9	5.6	6.1	6.1	6.2	6.4	6.3	6.0	5.4	5.0	4.6	4.3	4.0	3.7
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MEAN DAILY WETBULB BASED ON HOURLY READINGS

DATE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
MEAN	2.5	5.7	7.4	7.9	1.1	3.6	5.6	7.3	7.6	7.1	5.7	4.8	6.9	7.7	3.0	1.8

MEAN DAILY WETBULB BASED ON HOURLY READINGS

DATE	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MEAN	6.2	1.8	-1.5	-1.7	-2	1.6	6.0	6.3	6.9	8.6	7.7	7.6	2.8	-5	1.3

17	ESE	ESE	SE	SE	SE	SSE	SSE	S	S	S	S	S	S	WSW	WNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	WNW	WNW	WNW	S	0947	
	24	30	30	30	26	26	31	41	31	30	37	26	26	19	11	11	15	17	17	13	11	13	11	13	11	13	50		
18	NNW	NNW	NNW	N	NNW	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	NNW	N	N	N	NNW	N	N	50	1340
	22	17	22	19	26	24	20	28	28	26	30	33	33	30	30	33	30	30	30	33	26	26	24	22	26	20			
19	N	NNW	NNW	N	NNW	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	NNW	NNW	NNW	N	N	NNW	NNW	33	0958
	17	20	17	19	19	15	26	19	20	22	26	22	19	22	19	19	19	19	19	19	19	19	7	6	9	4			
20	W	W	W	WSW	W	NNE	NNW	NW	NNW	NNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	C	SE	SSE	S	S	S	33		
	9	6	9	9	9	6	4	11	11	11	9	11	15	13	7	4	0	6	7	13	13	13	13	13	13	13			
21	S	SSW	S	SSW	SSW	S	SSW	SSW	SSW	S	S	S	S	S	S	S	S	S	S	SSE	S	SSE	S	S	S	S	S	1242	
	11	11	9	9	9	13	11	17	13	15	19	24	26	22	24	24	19	17	17	17	17	17	17	17	19	20	17		
22	SSE	SSE	SSE	S	SSE	S	SSE	S	S	SSE	SE	SSE	SE	SSE	S	SSE	S	SSE	S	SSE	S	SSE	S	SSE	S	SSE	SSE	37	1242
	17	17	17	17	11	13	11	13	13	13	6	13	13	9	11	11	9	9	9	9	9	9	7	7	7	11	9		
23	SE	SE	SSE	SSE	SSE	SSE	S	SSE	S	SSE	S	S	S	S	S	SSE	S	SSE	S	SSE	S	SSE	S	SSE	S	S	SSE	50	1536
	9	9	17	22	22	24	26	28	28	24	31	33	30	37	33	28	35	26	26	26	28	26	28	26	28	24	22		
24	S	S	SSW	S	SSW	SSW	SSW	W	NNW	NNW	NW	NE	NNE	ENE	NE	ENE	ENE	NE	ENE	ENE	NE	ENE	ENE	NE	ENE	E	ESE	50	1536
	19	17	17	15	13	13	11	6	6	4	6	6	11	7	7	6	11	6	7	7	6	7	7	7	11	7			
25	ESE	E	SE	C	C	C	SE	SSE	SSE	SE	SSE	S	SSE	S	SSE	S	SSE	S	SSE	S	SSE	S	SSE	S	SSE	S	SSE	50	1536
	6	6	7	7	0	0	0	11	7	11	17	20	19	19	17	11	9	15	15	15	11	15	2	2	2	2			
26	SE	SE	SE	SSE	SE	SE	C	SE	SSE	S	S	SSE	SSE	S	SSE	SSE	S	SSE	SSE	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	50	1536
	2	2	2	2	2	2	0	15	13	24	28	33	28	26	33	28	30	33	28	30	33	28	37	26	26	30			
27	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SSE	SSE	SSE	S	SSE	S	SSE	S	SSE	S	SSE	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	46	0001
	37	35	30	28	22	17	17	19	22	26	30	33	33	30	26	19	19	15	9	9	11	13	13	17	17	17			
28	SSE	SSE	SSE	ESE	E	E	ENE	ENE	ESE	ESE	E	SE	S	S	SW	C	W	SW	SW	SSW	W	WNW	WNW	WNW	WNW	WNW	WNW	46	0001
	17	15	11	7	11	9	11	13	15	11	9	4	6	9	7	6	0	6	4	6	6	13	19	19	19	19			
29	WNW	WNW	WNW	W	W	W	WSW	WSW	WSW	SSW	SW	SW	SW	WSW	W	WSW	W	WSW	W	WSW	W	WSW	W	WSW	W	WSW	W	48	2018
	17	24	22	22	20	20	17	15	22	19	15	13	20	19	15	20	24	28	31	30	30	22	22	22	22	22			
30	W	W	W	WSW	WSW	WSW	WSW	WSW	WSW	SSW	SW	SW	SW	WSW	SW	WSW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	48	2018
	22	19	19	19	19	17	17	19	17	20	20	22	26	30	28	20	17	19	17	22	19	17	17	17	17	17			
31	SW	SW	SW	SW	SW	SSW	SSW	SW	WSW	WSW	WSW	WSW	WSW	WSW	W	WSW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	46	1411
	17	17	15	15	15	17	13	15	17	17	20	17	19	22	28	13	9	9	15	15	15	15	17	11	11	13			

MEAN 14.9 15.2 15.2 13.7 16.8 20.5 21.2 20.9 17.7 16.0 16.6 16.0 16.6 16.0 16.0 16.4 15.6 16.6 16.0 14.9
15.7 14.8 14.3 14.4 17.6 19.8 21.3 19.7 17.7 16.0 16.6 16.0 16.6 16.0 16.0 16.4 15.6 16.6 16.0 14.9