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MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS OCTOBER / OCTOBRE

19 80

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

LAT: 49° 54' N LONG: 97° 14' W		ELEVATION: ALTITUDE:		METRES (ASL) MÈTRES (NMM)		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				
	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		HOURS HEURES			
	°C	°C	°C	BASE 18.0°C	BASE 5.0°C	%	%	mm	cm	mm	cm	km/h		km/h						
1	17.0	4.1	10.6	7.4	5.6	90	41	0.6	Tr.	0.6		31.3	WNW,NW	N 65	7.8					
2	7.5	-0.5	3.5	14.5	0.0	90	51	Tr.	Tr.	Tr.		23.0	N	N 37	6.6					
3	10.2	3.0	6.6	11.4	1.6	91	67	2.3	Tr.	2.3		14.1	S	S 24*	4.1					
4	10.3	2.7	6.5	11.5	1.5	97	70					16.3	SSE	SSE28*	2.0					
5	18.8	3.4	11.1	6.9	6.1	88	43					21.8	S	S 39	10.4					
6	19.6	1.9	10.8	7.2	5.8	90	39					5.5	Calm	SE 15*	10.2					
7	24.3	6.1	15.2	2.8	10.2	82	32					17.8	NW	NW 46	10.6					
8	16.2	2.6	9.4	8.6	4.4	94	50					11.8	ENE	ESE24	8.7					
9	18.7	6.0	12.4	5.6	7.4	91	44	0.5		0.5		27.6	SE	W 44	4.7					
10	10.2	1.3	5.8	12.2	0.8	93	75	5.8	Tr.	5.8		41.5	NW	NW 54	0.0					
11	4.6	-2.3	1.2	16.8	0.0	94	62					15.0	N	NNW33	0.4					
12	5.2	-1.6	1.8	16.2	0.0	88	57					4.3	Calm	ENE15*	1.9					
13	8.3	-2.5	2.9	15.1	0.0	85	43					20.1	ESE	SE 30	8.1					
14	5.6	3.1	4.4	13.6	0.0	77	64					13.9	SE	ESE28	0.0					
15	5.4	4.1	4.8	13.2	0.0	91	83	Tr.		Tr.		4.9	SW	SSW17	0.0					
16	6.6	0.8	3.7	14.3	0.0	97	79	11.9	Tr.	11.9		25.7	ENE	NE 46	0.0					
17	2.8	0.1	1.5	16.5	0.0	97	75	8.4	0.2	8.6		46.0	N	N 52	0.0					
18	4.8	-3.3	0.8	17.2	0.0	93	62					15.4	WNW	N 37	1.1					
19	5.5	2.0	3.8	14.2	0.0	90	54	Tr.		Tr.		7.9	NW,WNW	NNW17	0.0					
20	10.8	0.5	5.7	12.3	0.7	94	59	Tr.		Tr.		18.2	SW,W	MW 56	4.8					
21	7.5	-2.5	2.5	15.5	0.0	98	50					6.0	N	N13	6.8					
22	4.9	-3.7	0.6	17.4	0.0	93	57	Tr.	0.5	0.5		12.7	E	E 30	0.0					
23	2.0	-1.7	0.2	17.8	0.0	98	76		2.8	2.8	3	18.7	N	N 28	0.8					
24	1.8	-2.1	-0.2	18.2	0.0	91	66		Tr.	Tr.		19.4	N	N 33	0.0					
25	2.5	-5.6	-1.6	19.6	0.0	89	67	Tr.	Tr.	Tr.		25.4	N	NNE43	3.2					
26	5.5	-5.7	-0.1	18.1	0.0	95	47					16.1	WNW	NW 30*	9.6					
27	2.8	-7.7	-2.5	20.5	0.0	91	42					17.2	NW	NNW37	9.8					
28	4.3	-8.9	-2.3	20.3	0.0	89	53					3.3	Calm	W 9*	9.1					
29	6.3	-6.4	-0.1	18.1	0.0	96	61					21.7	SSW	SSW41*	4.1					
30	11.0	3.3	7.2	10.8	2.2	83	31					34.0	W	WNW59	9.1					
31	4.6	-6.3	-0.9	18.9	0.0	94	51					23.4	NW,NNW	NNW37*	9.4					
MEAN MOYENNE	8.6	-0.5	4.1	432.7	46.3	91	56			29.5	3.5	33.0		18.7	N DOMINANTE	N 65	143.3			
NORMAL NORMALE	11.9	1.1	6.6	355.7	93.1	89	49	0.5		29.2	5.6	34.8		20.3	SOUTH	58	158.4			
DEGREE-DAY SUMMARY - SOMMAIRE DE DEGRÉS-JOURS											DAYS WITH TOTAL PRECIPITATION: JOURS AVEC PRÉCIPITATIONS TOTALES:					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	mm					cm							
								0.2 OR MORE - OR PLUS	1.0 OR MORE - OR PLUS	2.0 OR MORE - OR PLUS	10.0 OR MORE - OR PLUS	50.0 OR MORE - OR PLUS	0.2 OR MORE - OR PLUS	1.0 OR MORE - OR PLUS	2.0 OR MORE - OR PLUS	10.0 OR MORE - OR PLUS	50.0 OR MORE - OR PLUS			
TOTAL FOR MONTH TOTAL DU MOIS	432.7	424.0	355.7	TOTAL FOR MONTH TOTAL DU MOIS	46.3	37.2	93.1	8	5	5	1	0	3	1	1	0	0			
ACCUMULATED SINCE JULY 1 ACCUMULÉE DEPUIS LE 1 ^{ER} JUILLET	700.4	664.3	588.9	ACCUMULATED SINCE APRIL 1 ACCUMULÉE DEPUIS LE 1 ^{ER} AVRIL	1914.1	1574.6	1785.3	8	5	5	1	0	3	1	1	0	0			

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) Prix d'abonnement: mensuel \$1.00; annuel \$10.00 (janvier à décembre)

CLIMATOLOGICAL SUMMARY FOR OCTOBER 1980 AT WINNIPEG, MANITOBA

October was on the cool side with a mean temperature of 4.1 as compared to the normal 6.6. The average maximum was 8.6 while the average minimum was minus 0.5. The warmest day was 24.3 on the 7th while the coldest night was minus 8.9 on the 28th.

Precipitation was below but close to normal. The first measurable snowfall occurred on the 17th.

There was 143.3 hours of sunshine as compared to the normal 158.4. The average wind was 18.7 Km/h, below the normal for the month.

DAILY WEATHER SUMMARY FOR OCTOBER 1980AT WINNIPEG, MANITOBA

All Times Central Standard
Not Daylight

1. Near normal temperatures. Partly cloudy. Showers or light rain 6:33 p.m. to 11:15 p.m. Moderate NW winds gusting to 102 Km/h.
2. Below normal temperatures. Partly cloudy. Light snow 11:27 p.m. continued. Light rain 11:41 p.m. continued. Moderate N winds gusting to 50 Km/h.
3. Below normal temperatures. Mostly cloudy. Snow to 2:18 a.m., rain to 5:50 a.m. Mostly light winds.
4. Below normal temperatures. Mostly cloudy. Mostly light winds but S gusts to 50 Km/h late evening. Smoke over city in morning. Light fog in morning. Visibility restricted.
5. Above normal temperatures. Sunny. Moderate S winds shifting to WNW. Gusts to 56 Km/h.
6. Above normal temperatures. Sunny. Light winds. Smoke over city in morning.
7. Warm. Sunny. Mostly light winds but NW gusts to 56 Km/h.
8. Above normal temperatures. Mostly sunny. Mostly light winds.
9. Above normal temperatures. Sunny becoming cloudy late morning. Rain 12:33 p.m. to 4:04 p.m. Showers 10:45 p.m. continued. Moderate winds gusting to 80 Km/h.
10. Below normal temperatures. Cloudy. Showers to 2:40 a.m. Rain 4:10 a.m. to 10:50 p.m. Snow 4:25 a.m. to 4:38 a.m., 10:58 a.m. to 11:05 a.m., 1:05 p.m. to 1:10 p.m., 4:14 p.m. to 5:23 p.m. Strong NW winds gusting to 85 Km/h.
11. Below normal temperatures. Cloudy. Mostly light winds but NNW gusts to 44 Km/h.
12. Below normal temperatures. Mostly cloudy. Light winds.
13. Below normal temperatures. Mostly sunny. Moderate ESE winds gusting to 44 Km/h.
14. Below normal temperatures. Cloudy. Mostly light winds.
15. Below normal temperatures. Cloudy. Drizzle 7:10 a.m. to 12:17 p.m., 5:45 p.m. to 8:36 p.m. Light fog late morning continued. Visibility restricted. Light winds.
16. Below normal temperatures. Cloudy. Light rain 5:28 a.m. continued. Snow 10:15 p.m. to 11:13 p.m. Ice pellets 10:31 p.m. to 10:37 p.m., drizzle 11:38 p.m. continued. Light fog morning and evening. Visibility restricted. Moderate ENE winds gusting to 61 Km/h.
17. Below normal temperatures. Cloudy. Rain to 1:55 p.m., drizzle to 8:18 p.m. Snow grains 1:55 p.m. to 3:47 p.m. Snow 4:06 p.m. to 10:10 p.m. Strong winds gusting to 74 Km/h. Light fog morning and afternoon. Visibility restricted.
18. Below normal temperatures. Mostly cloudy. Mostly light winds but N gusts to 46 Km/h in early morning.
19. Below normal temperatures. Cloudy. Light winds. Rain 4:36 a.m. to 5:18 a.m.
20. Above normal temperatures. Partly cloudy. Rain 12:09 p.m. to 12:35 p.m. Mostly light winds but NW gusts to 76 Km/h late morning. Light fog in morning. Visibility restricted.
21. Below normal temperatures. Mostly sunny. Light winds. Light fog in morning. Visibility restricted. Smoke over city morning and late evening.
22. Below normal temperatures. Cloudy. Rain 7:25 p.m. to 7:44 p.m., drizzle 7:56 p.m. to 8:05 p.m. Snow 7:30 p.m. continued. Mostly light winds. Smoke over city in morning.
23. Below normal temperatures. Mostly cloudy. Snow to 11:09 a.m. Mostly light winds but N gusts to 43 Km/h. Light fog in morning. Visibility restricted.
24. Below normal temperatures. Cloudy. Snow 12:40 p.m. to 12:58 p.m., 7:30 p.m. to 9:10 p.m. Mostly light winds but N gusts to 44 Km/h.
25. Cold. Partly cloudy. Freezing rain 00:45 a.m. to 00:54 a.m. Snow 00:45 to 3:46 a.m. Moderate N winds gusting to 61 Km/h.
26. Below normal temperatures. Mostly sunny. Mostly light winds but NW gusts to 46 Km/h early afternoon.
27. Cold. Sunny. Mostly light winds. Smoke over city in morning NNW gusts to 43 Km/h in morning.
28. Below normal temperatures. Mostly sunny. Light winds. Smoke over city in morning.
29. Below normal temperatures. Partly cloudy. Light fog in morning. Visibility restricted. Moderate SSW winds gusting to 61 Km/h in evening.
30. Above normal temperatures. Mostly sunny. Moderate WNW winds gusting to 80 Km/h.
31. Slightly below normal temperatures. Mostly sunny. Moderate NNW winds gusting to 52 Km/h in morning.

INTERNATIONAL AIRPORT FOR THE MONTH OF OCTOBER

HOURLY METEOROLOGICAL TEMPERATURES AT WINNIPEG

ALL TEMPERATURES IN DEGREES CELSIUS

LOCAL STANDARD TIME

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.	9.5	8.7	7.9	7.2	7.3	8.3	6.2	6.4	8.0	10.0	9.9	10.1	10.1	9.8	10.0	9.5	9.5	9.0	8.6	8.2	7.4	6.9	5.9	4.5
2.	3.2	2.4	1.4	.8	.5	-2	-1.7	-1.0	.5	1.5	1.8	2.6	2.6	2.0	2.7	3.4	3.3	2.5	2.0	1.5	1.3	1.5	1.6	1.4
3.	1.9	1.9	2.1	2.3	2.7	2.9	3.1	3.8	4.8	4.8	5.7	6.7	6.7	7.2	6.8	6.7	6.8	6.8	5.8	5.4	5.3	4.6	3.9	
4.	3.0	3.5	3.3	2.7	2.3	2.9	3.3	3.7	4.2	4.6	4.8	5.1	6.1	6.2	7.1	6.7	7.4	7.4	6.8	5.9	5.5	5.0	4.7	
5.	4.6	4.1	3.7	3.3	3.0	2.8	2.8	2.6	3.3	5.1	6.8	8.3	9.6	10.5	11.2	11.2	11.8	11.5	10.0	8.7	8.0	7.0	5.4	
6.	3.9	4.9	3.7	2.9	2.9	1.4	1.4	2.2	4.7	7.7	9.2	10.6	10.4	10.9	11.3	11.7	11.7	10.8	9.3	8.4	8.2	7.7	7.3	
7.	7.3	6.6	6.1	5.4	6.0	6.0	5.0	5.5	6.7	9.1	11.5	13.2	13.8	13.8	14.4	14.1	14.1	13.2	11.8	10.3	9.2	7.9	7.3	
8.	6.7	6.5	5.3	5.2	3.7	3.7	2.4	2.3	5.9	8.1	8.6	9.0	9.8	10.3	10.2	10.4	9.9	9.2	8.3	6.4	6.2	5.9	4.8	
9.	4.7	4.6	4.2	4.4	4.2	4.2	3.5	4.7	4.8	6.5	8.5	9.8	10.9	11.0	10.7	10.5	10.0	10.0	9.0	7.8	8.0	7.8	7.2	
10.	7.2	7.0	6.0	5.5	4.0	3.5	3.2	2.4	3.2	3.1	2.9	2.7	2.6	2.5	2.1	2.0	1.7	1.7	1.5	1.7	1.7	1.4	1.3	
11.	.7	-4	-1.0	-1.5	-1.6	-2.0	-2.5	-1.9	-9	.1	.5	1.0	1.2	1.7	1.8	1.8	1.5	1.1	1.1	.8	.6	-.6	-.4	
12.	.3	-2	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	
13.	-2.3	-2.1	-2.1	-2.5	-2.6	-2.2	-2.3	-2.4	-1.9	-1.5	1.0	2.5	2.3	2.9	2.9	3.2	3.8	2.4	1.8	1.8	1.6	1.6	1.5	
14.	1.2	1.2	1.1	1.0	1.0	1.0	1.0	1.1	1.2	1.5	2.2	2.5	3.0	3.1	3.0	2.9	3.0	3.1	3.0	3.0	3.0	3.0	3.0	
15.	3.2	3.3	3.4	3.4	3.4	3.4	3.3	3.5	3.6	3.8	4.0	4.0	4.2	4.0	4.0	4.3	4.4	4.2	4.1	4.1	4.0	4.0	3.9	
16.	4.0	4.1	4.0	3.8	3.8	3.8	4.0	4.0	4.0	4.4	4.7	5.0	5.0	5.3	5.2	5.0	4.7	4.4	4.0	3.4	3.1	2.5	1.6	
17.	1.2	1.7	1.8	2.0	2.2	2.5	2.6	2.7	2.4	2.4	2.3	2.0	1.2	1.0	1.0	.9	.7	.3	.2	.2	.4	.2	-.1	
18.	-1.8	-1.1	-1.8	-2.7	-2.7	-3.4	-3.4	-3.5	-1.9	-1.5	.5	1.4	1.3	2.0	2.3	1.6	1.8	1.9	2.2	1.9	2.0	2.1	1.9	
19.	1.8	1.6	1.5	1.6	1.5	1.5	1.5	1.3	2.0	2.5	2.7	2.8	2.1	2.1	2.1	2.2	2.2	1.8	1.8	1.6	1.8	1.5	1.7	
20.	1.6	1.7	2.0	2.3	1.6	1.2	1.5	2.5	3.1	4.4	6.0	7.0	5.0	4.8	4.1	4.4	4.2	4.2	3.6	2.4	2.1	2.2	3.1	
21.	.2	.2	-1.1	-1.4	-2	-5	-1.4	-1.0	-8	-1	1.7	2.7	2.3	3.3	3.8	3.4	3.2	2.5	1.1	-5	-5	-1	-2.0	
22.	-2.7	-2.8	-2.6	-3.1	-3.8	-3.8	-4.0	-3.8	-2.8	-1.5	-1.5	3	1.4	1.9	2.2	1.7	1.6	1.1	1.1	1.0	1.1	.9	-.3	
23.	0.0	.1	-2	-2	-4	-4	-4	-7	-7	-4	-3	0.0	.1	.5	.4	.4	.6	-.4	-.9	-.4	-.4	-.9	-1.0	
24.	-2.3	-1.2	-1.0	-1.0	-1.0	-1.0	-1.0	-1.1	-1.2	-1.2	-1.5	-2	0.0	-.5	-.3	-.5	-.6	-.4	-.7	-.6	-.3	-.5	-.8	
25.	-1.2	-1.3	-1.4	-1.9	-2.0	-2.4	-2.4	-3.8	-1.7	-1.9	-1.5	-7	-.4	0.0	-.1	-.3	-.3	-.1	-.2	-.6	-.6	-.5	-.4	
26.	-4.1	-3.9	-3.6	-4.4	-3.9	-4.4	-4.5	-5.7	-5.3	-2.6	-.2	.8	1.2	1.5	.8	1.0	.7	-.5	-.6	-.2	-.5	-.2	-.4	
27.	-3.8	-4.1	-4.0	-4.6	-5.0	-5.3	-5.0	-4.9	-5.7	-2.5	-1.7	-.8	-.6	-.4	-.8	-.4	-.2	-.2	-.4	-.5	-.6	-.6	-.8	
28.	-7.5	-7.6	-8.4	-7.6	-8.0	-7.3	-8.1	-8.0	-4.4	-4.4	-2.7	-.9	-.2	1.2	1.2	1.6	1.6	1.2	2.2	2.9	3.1	3.2	3.1	
29.	-5.0	-5.8	-5.4	-6.3	-5.9	-5.0	-5.4	-6.2	-4.5	-2.2	-.6	1.4	2.1	2.7	4.0	4.1	3.3	3.0	2.9	2.9	2.9	3.1	3.5	
30.	3.0	3.3	2.7	2.2	1.5	1.3	1.1	1.1	1.5	2.3	3.2	3.9	4.0	4.0	4.1	4.2	3.8	2.8	2.2	1.4	1.0	1.7	1.5	
31.	.3	-.3	-1.5	-1.7	-2.0	-1.3	-2.9	-1.7	-2.0	-1.0	0.0	-.2	.4	.6	.4	.8	-.3	-1.7	-3.4	-4.2	-4.5	-4.6	-5.2	
MEAN	1.3	1.2	.8	.6	.4	.3	.1	.1	.7	1.9	2.9	3.6	3.8	4.1	4.2	4.1	4.0	3.5	2.8	2.2	2.0	1.7	1.4	

16	E	ENE	E	E	E	E	ENE	NE	ENE	ENE	E	E	ENE	E	S	ENE	ENE	ENE	NE	ENE	NE	18 CST	ENE	61	
	2	15	9	11	13	11	24	26	19	13	20	24	28	33	37	37	37	33	33	37	44	35	37	46	26
17	NE	NE	NE	NE	NNE	NNE	NNE	NNE	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	NNE	74
	43	46	44	44	43	46	50	48	48	45	50	48	50	48	48	44	44	44	44	43	46	43	46	44	41
18	N	N	N	NNW	NNW	NW	NW	NNW	NW	W	W	W	W	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	NNW	46
	37	28	24	20	22	17	13	9	9	15	15	13	19	11	15	13	7	17	17	17	17	11	11	7	11
19	WNW	NW	NW	WNW	WNW	W	W	NW	NNE	N	NNE	N	N	NNE	NNE	N	NNE	NNE	N	NNE	NNE	N	NNE	NNE	W
	13	7	6	7	7	6	7	4	11	15	11	17	13	15	13	15	6	2	0	0	0	0	4	4	4
20	SW	WSW	WSW	SW	SSW	SW	SW	WSW	W	WNW	NW	NNW	N	NNW	NW	NNW	W	W	W	W	W	W	W	WNW	WNW
	2	11	13	9	7	7	11	13	17	19	43	56	43	20	20	28	31	20	9	9	13	17	11	7	7
21	WNW	WNW	NW	W	WNW	WNW	NW	NNE	N	N	NNE	N	N	NNE	N	NW	C	C	S	C	C	C	C	C	C
	6	6	7	9	11	9	11	9	6	6	9	9	13	7	7	9	6	2	0	0	2	0	0	0	0
22	SE	SE	SSE	SSE	SE	SE	ESE	NE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	
	2	4	11	4	6	4	4	7	6	13	13	13	11	22	30	26	22	19	13	22	13	19	7	7	7
23	E	ENE	ENE	NE	NE	NE	NE	NE	N	N	NNE	N	N	N	N	N	N	N	N	NNW	N	NNW	NNW	NNW	
	9	7	13	15	17	22	20	19	17	20	19	20	26	28	26	24	19	11	13	17	22	19	20	20	
24	NW	NW	NW	NW	NNW	NNW	NNW	NNW	N	NNW	N	N	NNW	N	NNE	NNE	N	N	NNE	N	NNW	N	N	N	
	15	17	19	15	13	11	15	17	20	17	19	22	22	26	33	28	28	19	13	9	11	19	24	33	
25	N	N	N	N	N	N	N	N	N	NNE	N	NNE	N	NNE	NNE	N	NE	NNE	N	N	C	NW	WNW	WNW	
	22	31	30	33	35	39	37	33	41	37	39	43	37	30	30	20	26	11	6	11	9	0	4	6	
26	WNW	WNW	W	W	WNW	WNW	WNW	WNW	W	WNW	WNW	WNW	NW	WNW	NW	WNW	NW	NW	WNW	WNW	W	WNW	NW	NW	
	9	7	9	15	11	9	11	15	13	13	20	24	28	30	28	22	15	13	11	13	11	13	13	15	
27	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	N	NW	NW	NW	NW	NW	NW	
	11	13	13	13	11	15	11	11	22	37	30	22	24	26	26	24	19	17	11	13	13	9	9	9	
28	NW	WNW	W	WNW	WNW	W	W	C	C	C	C	SW	C	W	WSW	WNW	C	W	W	WNW	C	C	C	C	
	6	6	4	7	4	7	7	9	0	0	0	2	2	4	0	9	6	4	0	0	0	0	0	0	
29	C	SSW	SSW	C	SSW	SSW	S	C	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	
	0	4	6	0	2	4	4	0	17	20	22	33	35	36	37	41	37	30	41	41	37	33	28	22	
30	W	W	W	W	W	W	W	W	W	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	W	WNW	WNW	
	20	22	26	20	28	28	26	26	31	37	44	46	56	52	54	59	41	24	26	26	28	33	30	33	
31	WNW	WNW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	
	33	22	22	19	17	20	9	30	19	33	37	35	33	30	37	31	17	17	17	17	17	17	13	4	