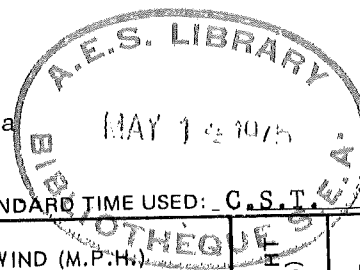


ATMOSPHERIC ENVIRONMENT SERVICE
DEPARTMENT OF THE ENVIRONMENT - CANADA
MONTHLY METEOROLOGICAL SUMMARY

FOR THE MONTH OF April 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 50C
	X C E L	X S I U S	+ M E A N F R O M M A X A N D M I N		00.00	06.00	12.00	18.00	A V E R A G E S P E E D	P R E V A I L I N G D I R E C T I O N	M A X I M U M S P E E D A N D D I R E C T I O N		
1	-7.8	-21.6	-14.7	59	74	77	73	60	8.1	W	12WNW	12.0	
2	-8.3	-20.4	-14.3	59	78	83	64	68	5.8	WSW	9WNW	11.7	
3	-6.1	-25.4	-15.8	61	60	56	56	54	5.0	NNE, WNW	10W	11.5	
4	0.6	-12.1	-5.7	43	73	65	59	64	10.1	E	17E	6.5	
5	1.6	-5.2	-1.8	36	65	76	70	50	19.7	E	28SE	4.9	
6	1.9	-2.3	-0.2	33	82	83	77	76	17.2	ESE	21SE	0.0	
7	5.9	-1.3	2.3	28	65	75	64	43	20.5	ESE	26ESE	2.9	
8	6.1	-2.8	1.7	30	47	67	58	44	19.3	ESE	25ESE	3.6	
9	6.9	-1.8	2.6	28	47	48	46	63	9.3	ESE	17ESE	11.5	
10	6.7	-5.1	0.8	31	78	78	59	56	6.9	WNW	12WNW	12.0	
11	7.8	-6.0	0.9	31	79	84	60	44	4.7	WNW	8NW	9.8	
12	8.8	-1.7	3.6	26	86	95	65	58	4.4	S	8SSW	11.4	
13	13.3	-2.9	5.2	23	94	90	30	33	7.0	ESE	15E	10.7	0
14	9.6	4.1	6.8	21	75	77	70	71	5.3	SSE	8SSE	0.4	2
15	8.2	3.9	6.1	22	94	97	79	79	2.8	WSW C	7S	0.0	1
16	9.2	1.9	5.6	23	88	90	72	65	4.7	SSW	9SSE	0.1	1
17	5.6	3.0	4.3	25	89	94	89	89	8.2	N	16N	0.0	0
18	4.1	-0.2	1.9	29	94	97	91	94	16.6	NNW	28NNW	0.0	0
19	1.1	-2.1	-0.5	34	98	89	84	80	20.3	NNW	28NNW	0.0	0
20	5.7	-2.2	1.8	30	78	90	57	54	6.1	SSE	14SSE	9.1	0
21	13.4	1.3	7.3	20	77	90	43	32	10.7	S	16SSE	12.0	2
22	13.4	3.9	8.7	17	86	91	74	79	13.5	SSE	18SSE	1.9	4
23	15.0	1.6	8.3	18	84	97	61	64	6.3	NNE	12N	10.9	3
24	17.0	0.4	8.7	17	82	84	50	51	4.2	SE	10ESE	2.8	4
25	18.0	6.3	12.2	11	61	77	41	19	11.5	SE	21ESE	11.6	7
26	8.3	4.9	6.6	21	45	47	45	78	18.5	ESE	25ESE	0.0	2
27	10.4	4.9	7.7	19	73	83	81	72	21.2	ESE	35SE	0.0	3
28	11.1	4.4	7.8	19	84	77	48	89	21.0	ESE	32ESE	0.0	3
29	10.8	2.2	6.5	21	63	58	43	56	21.5	NNE	30E	10.4	2
30	4.9	-0.6	2.2	29	81	93	91	82	11.9	NNE	15NNE	0.0	0
31													
MEAN	6.8	-2.4	2.2	Total 864	76	80	63	62	11.4	Prevailing ESE	Maximum 35SE	Total 167.7	Total 34
NORMAL	* 8.6	* -1.9	* 3.3	* 808	* 78	* 82	* 61	* 57	* 14.2	NORTH	37	208.5	48

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.

PRECIPITATION (INCHES) (1)					DAILY WEATHER SUMMARY FOR April 1975										AT Winnipeg, Man	
DATE	RAINFALL	SNOWFALL	TOTAL PRECIP (2)	DEPTH OF SNOW ON GROUND (3)												
1				10	1. Very cold. Sunny with light winds.											
2				7	2. Very cold. Sunny with light winds.											
3				7	3. Very cold. Sunny with light winds.											
4		TR	TR	7	4. Below normal temp. Partly cloudy. Snow 4:58 to 6:19AM.											
5		TR	TR	6	5. Normal temp. P.Cloudy. Snow 10:01 PM continued.											
6	TR	.1	.03	6	6. Normal temp. Cloudy. Snow to 00:45AM. 5:23PM to 5:30PM. ice pellets 4:33PM to 5:30PM, 6:42PM to 7:04PM rain 4:41PM to 5:15PM.											
7		TR	TR	6	7. Above normal temp. Mostly cloudy. Snow or snow grains 2:17AM to 8:16AM.											
8				5	8. Normal temp. P.cloudy. Gusty east winds.											
9				4	9. Normal temp. Sunny. Light winds.											
10				2	10. Normal temp. Sunny. Light winds.											
11				1	11. Near normal temp. Mostly sunny, light winds.											
12				TR	12. Normal temp. Sunny. light winds.											
13	TR		TR	TR	13. Above normal temp. Sunny. Rain showers 7:51PM to 8:35PM											
14	.01		.01	TR	14. Above normal temp. Cloudy, haze in morning, rain or drizzle 5:47PM continued.											
15	.31		.31	TR	15. Above normal temp. Cloudy. Rain to 11:33AM. Fog in morning.											
16	.05		.05	TR	16. Near normal temp. Cloudy. Fog in morning. Rain 8:20PM continued.											
17	.12		.12	TR	17. Normal temp. Cloudy. Fog. Rain or drizzle to 3:15PM. Rain 6:29PM continued.											
18	.23	.6	.29	TR	18. Cloudy. Snow 5:51AM to 10:10AM, 6:38PM continued. Rain or drizzle 4:16AM to 7:40PM. Below normal temp.											
19		.3	.03	TR	19. Below normal temp. Cloudy. Snow to 1:25PM.											
20				TR	20. Below normal temp. Sunny. Light winds.											
21	.03		.03	TR	21. Above normal temp. Sunny. Rain 0:37 to 4:09AM											
22	TR		TR	TR	22. Above normal temp. Cloudy. Rain showers 0:54 to 4:46AM											
23				TR	23. Above normal temp. Sunny with light winds.											
24				0	24. Above normal temp. Cloudy. Light winds.											
25				0	25. Mild. Sunny with light winds.											
26	.19	TR	.19	0	26. Normal temp. Cloudy. Rain or drizzle 9:37AM to 6:17PM. Ice pellets 5:14PM to 5:20PM. Gusty winds.											
27	.18		.18	0	27. Normal temp. Cloudy. Rain or drizzle 1:38 to 1:48AM. 11:45AM to 11:36PM, gusty SE winds. Fog in evening.											
28	.43		.43	0	28. Normal temp. Cloudy. Rain 00:11 to 8:35PM. Strong gusty southeast winds.											
29	TR		TR	0	29. Normal temp. P.Cloudy. Rain 0:40AM to 1:15AM. 9:43PM to 10:14PM, gusty winds.											
30	.10	.4	.13	0	30. Below normal temp. Cloudy. Snow 1:30 to 9:09AM. 10:19 PM continued. Rain or drizzle 0:35AM to 11:22PM.											
TOTAL	1.65	1.4	1.80													
NORMAL	*1.00	*4.7	*1.47													
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				
12	8	3	0	0	4	2	0	0	0		*0.7					

(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.

COMPARATIVE RECORDS FOR THE MONTH OF April 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	18.0	25	*22.2	33.9	1952	29	11.1	1956	20	104
LOWEST TEMPERATURE	-25.4	3	*-13.3	-3.9	1878	5	-27.8	1932	3	104
GREATEST DAILY RANGE	19.3	3	*20.6	29.4	1932	3				104
LEAST DAILY RANGE	2.6	17	*2.8				1.1	1892	12	104
MEAN MONTHLY TEMPERATURE	2.2		*3.3	9.4	1915		-2.8	1893		104
GREATEST RAINFALL IN 5 MIN.	.03	26		.08	1961	19				12
GREATEST RAINFALL IN 10 MIN.	.05	27		.15	1961	19				12
GREATEST RAINFALL IN 15 MIN.	.06	27		.18	1971	18				12
GREATEST RAINFALL IN 30 MIN.	.10	26		.31	1971	18				12
GREATEST RAINFALL IN 60 MIN.	.17	28		.51	1961	19				12
GREATEST RAINFALL IN 24 HOURS	.43	28		1.44	1896	30				104
GREATEST SNOWFALL IN 24 HOURS	.6	18		13.0	1872	12				104
GREATEST PRECIPITATION IN 24 HOURS	.43	28		1.70	1892	27				104
TOTAL MONTHLY RAINFALL	1.65		*1.00	5.44	1896		NIL	1907		104
TOTAL MONTHLY SNOWFALL	1.4		*4.7	17.5	1872		NIL	(Several)		104
TOTAL MONTHLY PRECIPITATION	1.80		*1.47	5.64	1896		.08	1949		104
NO. OF DAYS WITH PRECIPITATION	12		*8	17	1924		3	(Several)		92
TOTAL WIND MILEAGE	8212		9889	11752	1943		6206	1972		37
MEAN WIND SPEED (m.p.h.)	11.4		*14.2	16.3	1943		8.6	1972		55
MAXIMUM SPEED (1min.) (m.p.h.)	SE 35	27	37	NW50	1964	13				37
MAXIMUM GUST SPEED (m.p.h.)	SE 55	28	52	N 66	1963	3				32
PREVAILING DIRECTION	ESE		NORTH							16
MEAN STATION PRESSURE (mb.)	989.1		*986.3	990.8	1944		981.0	1955		37
GREATEST STATION PRESSURE (mb.)	1004.8	5	1001.7	1009.6	1950	12				37
LEAST STATION PRESSURE (mb.)	967.7	18	967.2				952.4	1963		37
TOTAL HOURS OF SUNSHINE	167.7		208.5	305.5	1900		118.6	1924		76

April in Winnipeg was cooler, cloudier and wetter than usual.

The mean temperature of 2.2C was 1.1 degrees below normal. The month began with a cold spell that lowered the April 3 minimum to minus 25.4C, but a mild spell in the third week sent the maximum up to 18C.

Sunshine totalled 167.7 hours which is 40.8 hours less than usual for April.

Rainfall was heavier than usual but snowfall was lighter than normal. Rain totalled 1.65 inches compared to normal of 1.00 while snow measured 1.4 inches compared to the usual amount of 4.7 inches.

April was less windy than usual with wind speeds averaging 11.4 m.p.h. which is near 3 m.p.h. lighter than normal. The minimum temperature of -25.4 °C was the lowest April minimum since 1936 when it dropped to -27°C.

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	864	888	*808			0000C	6	7	17	7.0			
ACCUMULATED FROM PREVIOUS SEPT. 1	9948	10827	*10043			0600C	4	6	20	7.5			
						1200C	6	4	20	7.3			
						1800C	4	5	21	7.7			
NO. OF DAYS THIS MONTH WITH MAXIMUM TEMPERATURE ABOVE: Celsius						NO. OF DAYS THIS MONTH WITH MINIMUM TEMPERATURE BELOW: Celsius							
15.4	10.4	5.4	0.4	-5.4	-10.4	25.4	-20.4	-15.4	-10.4	-5.4	-0.4	4.5	9.5
2	8	21	27	27	30	0	2	3	4	5	16	27	30
Celsius													
NO. OF HOURS WITH DEWPOINT (°c) BETWEEN:													
-30° + -39°		-20° and -29°		-10° and -19°		-1° and -9°		0 and 9°					
1		30		57		323		309					
LOWEST DEWPOINT: Celsius						HIGHEST DEWPOINT: Celsius							
-31° April 3, 0600 C.S.T.						7° April 27, 2000C							
CLIMATOLOGICAL DATA FOR THE PAST eleven YEARS Celsius													
Year	Maximum Temp.	Minimum Temp.	Mean Temp.	Rainfall	Snowfall	Total Precip.	Mean Windspeed	Hours Sunshine					
1965	24.4	-7.2	3.3	1.75	9.1	2.55	13.4	183.4					
1966	17.8	-9.4	1.2	0.44	14.6	1.85	13.5	197.3					
1967	16.1	-22.2	0.4	2.24	7.8	2.86	14.1	197.5					
1968	25.0	-12.8	3.8	1.03	2.5	1.27	11.3	234.0					
1969	21.1	-17.8	5.9	1.00	TRACE	1.00	12.2	272.6					
1970	14.4	-21.7	1.4	0.72	13.8	2.57	13.2	140.5					
1971	20.0	-16.7	3.2	1.77	6.4	2.37	13.1	209.3					
1972	22.8	-16.7	3.2	0.43	0.9	0.51	8.6	210.4					
1973	21.1	-12.2	2.2	0.79	0.6	0.83	12.5	221.2					
1974	25.0	-18.3	1.8	1.97	3.6	2.31	11.5	233.1					
1975	18.0	-25.4	2.2	1.65	1.4	1.80	11.4	167.7					

(1) Tenths of sky covered with cloud.

HOURLY TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF APRIL 1975
 LOCAL STANDARD TIME

ALL TEMPERATURES IN DEGREES CELSIUS

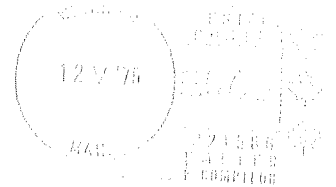
DATE	00.	01.	02.	03.	04.	05.	06.	07.	08.	09.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.
1	-18	-16	-17	-17	-20	-21	-20	-20	-18	-17	-14	-13	-12	-11	-9	-9	-9	-9	-10	-11	-13	-13	-14	-14
2	-16	-16	-16	-16	-19	-18	-19	-20	-17	-16	-16	-13	-12	-12	-11	-10	-10	-10	-9	-10	-12	-13	-14	-16
3	-17	-17	-19	-20	-22	-22	-24	-24	-19	-16	-14	-12	-11	-9	-8	-7	-7	-7	-7	-11	-11	-13	-13	-11
4	-12	-11	-10	-11	-11	-11	-10	-11	-8	-6	-4	-3	-2	-1	-1	0	0	0	0	-1	-2	-3	-3	-3
5	-3	-3	-4	-4	-4	-4	-5	-5	-5	-4	-4	-2	-1	1	1	1	1	1	1	1	0	0	0	-2
6	-2	-1	-1	-1	-2	-2	-2	-2	-2	-2	-2	-1	-1	0	1	1	1	1	0	1	1	2	2	2
7	1	2	1	1	0	-1	-1	-1	-1	-1	0	1	3	4	4	4	5	6	5	4	4	4	3	3
8	2	1	1	-1	-2	-2	-2	-2	-2	-1	2	3	4	5	6	6	6	5	4	4	4	4	4	3
9	3	2	1	1	1	1	-1	0	0	1	2	3	4	6	6	7	5	5	4	2	1	0	0	-1
10	-2	-3	-3	-3	-4	-5	-5	-4	-2	1	2	3	3	6	6	6	6	6	5	2	1	0	-1	-1
11	-1	-2	-3	-4	-4	-6	-5	-3	-2	0	2	4	4	6	6	7	7	7	7	6	4	3	2	1
12	0	1	0	0	-1	0	-1	0	2	3	4	6	6	7	7	8	8	8	8	6	3	2	1	-1
13	-1	-1	-1	-1	-2	-2	-2	0	4	5	8	9	11	11	12	13	13	12	11	8	8	8	7	6
14	6	5	5	5	4	4	4	4	7	6	7	7	8	8	9	9	9	9	9	8	7	6	6	4
15	6	6	5	5	4	4	4	4	5	5	6	6	7	7	7	7	7	8	7	7	6	6	5	4
16	4	4	4	4	3	2	2	2	3	4	5	7	7	9	9	9	8	8	8	7	7	6	6	6
17	5	5	4	4	4	4	4	4	4	5	5	5	5	6	5	5	5	5	5	4	4	4	3	3
18	3	2	2	2	2	2	1	1	1	1	2	3	4	3	4	4	4	3	2	1	1	1	1	0
19	0	-1	-1	-1	-1	-1	-2	-2	-2	-1	-1	-1	-1	-1	0	0	1	1	1	0	0	0	0	0
20	-1	-1	-1	-1	-1	-2	-2	-1	1	1	3	2	3	3	3	5	5	5	6	4	3	3	2	2
21	2	2	2	2	2	2	2	4	4	6	8	9	11	12	12	13	13	13	12	10	8	7	7	5
22	6	6	6	6	4	4	4	6	6	6	7	8	9	10	12	11	11	11	9	9	8	8	8	8
23	7	7	7	6	3	2	2	4	8	8	11	11	12	13	14	14	14	14	12	11	9	7	6	3
24	4	3	2	1	2	2	2	6	7	9	11	14	14	14	14	14	14	14	14	12	12	12	11	9
25	9	9	9	8	8	7	7	8	11	13	13	14	15	15	16	17	17	16	15	13	11	11	10	9
26	8	7	7	7	6	6	6	6	6	6	6	7	8	6	6	6	7	7	6	7	6	5	5	5
27	6	6	6	6	5	5	5	6	6	6	6	7	7	7	7	8	8	9	10	9	8	8	8	7
28	7	7	7	7	7	7	7	7	11	9	10	11	9	8	9	8	6	6	5	5	6	6	6	6
29	6	7	6	6	4	4	3	3	7	5	7	7	9	9	7	8	7	7	7	5	4	3	4	3
30	3	2	1	0	0	0	0	1	3	2	3	3	3	4	4	4	4	4	4	3	3	3	2	1

MEAN .5 .3 .0 -.2 -.9 -1.3 -1.5 -1.0 .2 1.3 2.5 3.4 4.1 4.8 5.3 5.7 5.5 5.5 5.0 3.8 3.0 2.5 2.1 1.4

1975

ABSTRACT OF THE WIND AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF APRIL
ALL TIMES ARE C.S.T.

Hour	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
STARTING																										
1	W 8	W 10	WNW 12	WNW 10	W 8	W 9	W 9	W 12	W 12	W 9	W 10	W 9	WNW 12	WNW 9	W 7	WNW 7	WNW 8	WNW 8	WNW 5	WNW 0	WSW 2	WSW 5	SW 6	SSW 7		
2	SW 5	SW 7	WSW 6	WSW 6	WSW 2	SSW 3	SSW 2	WSW 6	WSW 7	WSW 6	WSW 2	WSW 6	W 6	W 8	WNW 8	WNW 6	WNW 8	WNW 9	WNW 7	WNW 5	WNW 7	WNW 5	WNW 7	WNW 8		
3	W 10	W 10	WNW 9	WNW 3	W 6	WNW 7	WNW 5	WNW 2	WNW 0	WNW 3	WNW 3	WNW 3	WNW 5	WNW 6	WNW 5	WNW 5	NNE 9	N 8	N 6	NNW 3	NNE 3	NNE 3	NNE 3	NE 3		
4	N 2	NNE 2	NNE 0	NE 6	NE 7	NE 6	NNE 7	NE 6	E 6	ESE 12	ESE 9	ESE 9	E 12	E 13	E 14	E 16	E 17	ENE 16	E 15	ENE 13	ENE 14	ENE 15	ENE 14	E 12	E 21	16 CST
5	E 15	E 18	E 16	E 16	E 20	E 21	E 21	E 23	E 23	E 20	E 21	E 23	E 20	E 21	E 20	E 21	E 17	E 18	E 21	ESE 21	ESE 18	ESE 16	ESE 28	ESE 24	SE 35	23CST
6	SE 21	SE 17	ESE 18	ESE 17	ESE 17	ESE 17	ESE 17	ESE 18	ESE 18	ESE 17	ESE 17	ESE 16	ESE 15	ESE 17	ESE 17	ESE 20	ESE 16	ESE 16	ESE 20	ESE 16	ESE 17	ESE 17	ESE 13	ESE 13	SE 29	11CST
7	ESE 14	ESE 17	SE 18	SE 20	SE 18	ESE 21	ESE 21	ESE 23	ESE 21	ESE 23	ESE 22	ESE 23	ESE 21	ESE 22	ESE 23	ESE 24	ESE 26	ESE 20	ESE 20	ESE 16	ESE 21	ESE 21	ESE 22	ESE 23	ESE 35	22CST
8	ESE 22	ESE 21	ESE 22	ESE 20	ESE 22	ESE 23	ESE 22	ESE 23	ESE 22	ESE 25	ESE 20	ESE 24	ESE 21	ESE 20	ESE 16	ESE 20	ESE 14	ESE 14	ESE 14	ESE 12	ESE 16	ESE 15	ESE 16	ESE 15	ESE 37	05CST
9	ESE 14	ESE 13	ESE 13	ESE 14	ESE 14	ESE 15	ESE 14	ESE 15	ESE 14	ESE 14	ESE 9	ESE 7	ESE 6	ESE 8	ENE 9	NNE 8	NNE 12	N 1	N 9	N 7	NNE 5	NNW 3	NW 2	NW 2	ESE 20	01CST
10	WNW 3	WNW 2	WNW 5	WNW 2	WNW 2	WNW 6	WNW 3	WNW 5	WNW 7	WNW 9	WNW 9	WNW 12	WNW 9	WNW 12	WNW 12	WNW 6	WNW 8	NNW 8	NNW 7	NNW 8	NNW 7	NNW 8	NNW 9	NNW 8		
11	NW 8	NW 5	NW 3	NW 3	NW 3	WNW 5	WNW 5	WNW 5	WNW 5	WNW 5	WNW 5	WNW 2	WNW 2	WNW 8	W 8	WSW 8	WSW 5	WSW 6	WSW 5	WSW 5	WSW 5	WSW 7	WSW 3	WSW 6		
12	SSW 5	SSW 5	SSW 5	SSW 6	SSW 5	SSW 8	SSW 2	SSW 3	SSW 5	ESE 5	ESE 2	ESE 3	S 2	S 2	C 0	WNW 5	WNW 8	WNW 5	WNW 5	WNW 5	WNW 7	WNW 0	WNW 2	WNW 2		
13	N 5	N 6	NNE 0	NE 2	NE 2	NE 2	ENE 2	ENE 2	ENE 2	ENE 7	ENE 6	ENE 9	E 10	E 15	E 12	E 13	ESE 14	ESE 9	ESE 7	ESE 5	ESE 7	ESE 8	ESE 6	ESE 6		
14	S 7	SSE 5	SSE 5	SE 5	SSE 5	SSE 6	SSE 5	SSE 5	SSE 5	SSE 5	SSE 5	SSE 3	SSE 7	SSE 5	SSE 6	SSE 7	SSE 5	SSE 7	SSE 5	SSE 5	SSE 5	SSW 5	SSW 3	SSW 2		
15	C 0	SW 5	SW 5	C 0	C 0	C 0	SE 2	SE 2	SE 2	SE 2	SW 2	SW 2	SSW 1	SSW 1	SSW 3	WSW 1	WSW 2	WSW 5	WSW 7	WSW 5	WSW 5	WSW 5	WSW 3	WSW 5		



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