Form No. 1009—M.S.T.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

COMMERCE

COOPERATIVE OBSERVERS' METEOROLOGICAL RECORD: 12/40 Newberry

Month of December, 1940; Station U.S.H. Newberry; County, Luce; MI

Hour of Observation 8:00 PM

State, Michigan; Latitude 46° 20'N; Longitude 85° 30'W; Time used on this form 7:00 PM

DATE	TEMPERATURE Maximum (1)	Minimum (2)	Range (3)	*Set max. (4)	PRECIPITATION Time of Beginning (5)	Time of Ending (6)	†Amount (7)	Snowfall, in Inches (8)	Depth of Snow on Ground at Time of Observation (9)	Prevailing Wind Direction (10)	Character of Day, Sunrise to Sunset (11)	‡Miscellaneous Phenomena
1	20°	12°	8°	15°	Now	2 PM	0.02	6.0	5.7	NW	Cloudy	snow, heavy at times
2	13°	4°	9°	6°	AM	4 PM	0.20	3.5	7.2	N	Cloudy	snow
3	11°	-8°	19°	11°	Mdn	AM	0.15	1.0	7.6	SW	PC	
4	2°	3°	16°	21°	3 AM	8 AM	0.31	3.5	10.3	SW	Cloudy	snow, heavy at times
5	1°	10°	11°	16°	8 AM	2 PM	0.03	1.3	12.2	W	Cloudy	
6	31°	13°	22°	37°				0.0	8.5	S	Cloudy	considerable melting
7	32°	16°	21°	17°	12 NOON	8 AM	0.17	2.4	6.9	W	Cloudy	snow, rain, sleet
8	20°	10°	10°	12°	11 PM	6 PM	0.02	1.6	8.5	W	Cloudy	
9	32°	11°	26°	37°	AM	8 AM	0.01	0.2	6.5	E	Cloudy	
10	31°	23°	14°	23°	9 PM	9 PM	0.21	0.1	4.3	NW	Cloudy	night snow all day
11	32°	18°	12°	22°					4.4	SW	PC	
12	27°	15°	12°	16°	noon	3 PM	0.04	0.2	5.5	W	Cloudy	
13	17°	7°	10°	8°	9 PM	2 AM	0.02	1.2	5.1	W 5	PC	
14	28°	2°	26°	12°					5.3	S	Clear	
15	27°	11°	16°	27°				8.3	5.3	E 2	Cloudy	
16	7°	0°	7°	26°	2 AM	3 AM	0.05		3.6	NE	Cloudy	blizzard, snow 2 AM-3 AM
17	21°	7°	14°	15°	9 AM	11 PM	0.09	2.0	16.1	E	Cloudy	
18	27°	9°	18°	27°					2.2	SW	PC	fog, clearing
19	33°	22°	8°	33°	3 PM	10 PM	0.02	0.6	8.3	S	Cloudy	snow, fog, rain
20	37°	32°	5°	33°	12 PM	Noon	T*		2.7	SW	Cloudy	
21	37°	22°	7°	32°	Mdn	AM	0.01	0.3	7.2	SW 6	PC	
22	37°	29°	8°	32°	10 PM	8 PM	T	0.1	6.2	NW	PC	
23	33°	29°	4°	33°	8 AM	6 PM	T	0.1	6.2	S	Cloudy	
24	32°	22°	6°	36°					6.2	S	Cloudy	fog all day
25	41°	35°	6°	32°	1 AM	3 PM	T*	0.0	4.5	S 6	Cloudy	snow, fog all day
26	35°	29°	4°	35°	9 PM	Mdn	0.01	0.0	5.5	NW	Cloudy	fog, light snow
27	35°	30°	5°	33°	7 AM	2 PM	0.01	0.1	4.2	N	Cloudy	
28	33°	29°	4°	33°	9 PM	Mdn	0.02	1.4	4.9	NE 2	PC	
29	30°	26°	4°	28°		PM	0.01	0.3	5.2	N	Cloudy	light snow
30	28°	25°	3°	27°	AM	AM	T	T	4.7	NW 5	Cloudy	snow
31	27°	17°	10°	25°					4.4	N 5	Clear	
Sum.	830	460	370	860			2.06	31.2		SW		
Mean	26.8°	14.8°	11.9°	27.8°								

* Reading of maximum thermometer immediately after setting.
† Including rain, hail, sleet, and melted snow.
‡ Thunderstorms, halos, auroras, etc.

(IN TRIPLICATE) See cover for instructions.

Cooperative Observer.

Post Office Address, U.S.H. Newberry

MONTHLY SUMMARY

TEMPERATURE

Mean maximum, 28.7°

Mean minimum, 15.2°

Mean, 22.0°

Maximum, 41°; date, 25th

Minimum, -8°; date, 3rd

Greatest daily range, 26°

PRECIPITATION

Total, 2.06 inches

Greatest in 24 hours, 0.93; date, 16th

SNOW

Total snowfall, ~~34.0~~ 31.2 inches

On ground 15th, 5.2 inches

At end of month, 4.7 inches

NUMBER OF DAYS

With .01 inch or more precipitation, 12

Clear, 3; partly cloudy, 7; cloudy, 21

DATES OF—

Fog: Light, 15th, 24th, 25th, 26th; Dense, 26th

Killing frost, Except 8th, 26th

Thunderstorms,

Hail: Light, 2; Moderate, 1; Heavy, 2

Sleet, 3

Auroras, 1st, 2nd, 30th, 31st (visible)

REMARKS:

2nd Alcona Co. mved 3 E ly
8th Thom. Shelter mved 9 E ly
T 22 N R 10 W Co. T 22 N R 9 W
Temperature readings: 7:00 AM, 2:00 PM, 9:00 PM
31st Bar. and Ope. rdg. [illegible]
[illegible] inside Hygrometer [illegible]
31st 6.4 " " "