

WAR DEPARTMENT, SIGNAL SERVICE, U. S. ARMY,

DIVISION OF TELEGRAMS AND REPORTS FOR THE BENEFIT OF COMMERCE AND AGRICULTURE.

265

 FACT
 397 C.S.O.
 Int. Bul's

RECEIVED.

JAN 3 1883

VOLUNTARY OBSERVER'S METEOROLOGICAL RECORD for the month of

1882

Place of Observation:

Maurville

County of

Duluth Co

State of

Ia

Latitude

37

Longitude

80

Height of ground above the Sea,

2000

feet.

Name and Post-Office address of Observer:

Clemens Drake Plankton Maurville

DAY OF MONTH	THERMOMETER IN THE OPEN AIR.				RAIN AND SNOW.				CLOUDS.												AURORAS.	WINDS.						DAY OF MONTH
									7 A.M.				2 P.M.				9 P.M.					7 A.M.		2 P.M.		9 P.M.		
									UPPER CLOUDS.		LOWER CLOUDS.		UPPER CLOUDS.		LOWER CLOUDS.		UPPER CLOUDS.		LOWER CLOUDS.			Direction.		Force.		Direction.		
	Kind and amount.	Direction moving from.	Kind and amount.	Direction moving from.	Kind and amount.	Direction moving from.	Kind and amount.	Direction moving from.	Kind and amount.	Direction moving from.	Kind and amount.	Direction moving from.	Kind and amount.	Direction moving from.	Kind and amount.	Direction moving from.	Kind and amount.	Direction moving from.	Kind and amount.	Direction moving from.		Kind and amount.	Direction moving from.					
1	32	45	34																									2
2	50	75	40																									3
3	24	31	24																									4
4	14	40	38																									5
5	34	49	49		rain								10	4	9													6
6	36	48	38												10													7
7	40	17	10		rain								10	10	1													8
8	0	23	17																									9
9	13	40	35											5	9													10
10	36	50	45		rain								10	10	10													11
11	33	50	33																									12
12	40	49	40																									13
13	23	40	32										8															14
14	27	19	22										10															15
15	14	17	11																									16
16	13	17	19																									17
17	19	34	19		snow		3 in						10	8	10													18
18	9	38	26		rain								10	10	10													19
19	28	39	34		rain								10	10	10													20
20	34	44	38		snow		17						10	10	10													21
21	39	48	42		rain								10	10	10													22
22	42	49	50		rain								10	10	10													23
23	42	49	41		rain								10	10	10													24
24	25	42	38																									25
25	18	35	31																									26
26	30	49	32																									27
27	25	40	32										5	10	10													28
28	32	35	33		snow								10	10	10													29
29	32	35	35										10	10														30
30	31	35	25																									31
31	9	42	25																									Sum.
Sum.	848	1222	988				2.00	8.																				Mean.
Mean.	27.4	39.4	31.9	32.6																								

THE OBJECT of these observations is to enable the Chief Signal Officer, U. S. Army, to prepare a series of maps to illustrate the face of the sky, &c., over the United States for each day of the year, and thus to study the rise, progress, and course of American storms. Observers will be supplied with full directions for using all the instruments, on application to the Chief Signal Officer, Washington, D. C.

EXPLANATION OF THE ABOVE COLUMNS.