Diary of Weather at Fort Niagara, and Fort Winnebago;
1828 — 1831.

FORT WINNEBAGO AND FORT NIAGARA.

D IARY OF THE WEATHER

U. S. ARMY: HOSPITAL DEPARTMENT.

Ft. Niagara: July 1828 - ~~Oct~~ July. 1828.
Ft. Winnebago: ~~Nov~~ Oct. 1828 - Dec. 1831

Wis
Mss
2CL

1828 — 1831

WIS
MSS
2CL

Diary of the Weather at Fort Niagara for the Month of July 1823

Dates	Thermometer			Course of Wind	Weather	Remarks
	7 Am	2 Pm	9 Pm			
1st	65	76	70	N. W.	Fair	
2d	68	70	67	S. E.	Cloudy rain Fair	This is the first rain in quantity to be useful for some Days,
3d	70	75	72	S. W.	Fair	
4th	74	80	76	S. W.	Fair Cloudy	
5	75	76	75	S. W.	Fair	
6	75	80	76	S. W.	Fair	
7	74	74	70	W.	Cloudy Rain Fair	
8	74	78	74	S. W.	Fair	
9	76	82	77	S. W.	Fair	
10	75	84	78	W.	Fair Cloudy	
11	76	82	77	S. W.	Fair	
12	74	75	72	W.	Fair Cloudy Cloudy	
13	70	72	71	W.	Fair	
14	72	74	70	S. W.	Fair Cloudy Rain	
15	69	72	70	N. E.	Cloudy Fair Rain	a Fine Shower of Rain this Evening

16	70	72	71	N.W.	Cloudy	Fair	Fair	
17	71	73	71	N.E.		Fair		
18	72	74	70	W.		Fair		
19	68	78	64	N.E.		Fair		
20	64	74	66	E.		Fair		
21	64	83	68	S.W.		Fair		
22	66	74	72	W.		Fair		
23	70	80	78	S.		Fair		
24	74	78	75	S.	Fair	Cloudy	Cloudy	
25	72	78	76	S.E.	Fair	Cloudy	Cloudy	
26	70	76	73	N.E.	Fair	Cloudy	Rain	a fine Shower of rain this Evening
27	70	72	73	W.	Fair	Cloudy	Cloudy	
28	72	80	78	S.W.	Fair	Fair	Cloudy	
29	75	76	74	S.	Cloudy	Cloudy	Fair	a Light shower of rain at 12 O Clock noon
30	72	72	74	S.W.	Cloudy	Fair	Cloudy	a Light shower of Rain at 5 O Clock A.M.
31	70	77	73	W.		Fair		
Total	2207	2364	2251					
Highest	76	84	78					
3d for years		84		July 10th warmest day in Quarter				
Lowest	64	70	64					
Mean	71.06	76.11	72.15					

N.	0
N.W.	2
N.E.	4
E.	1
S.E.	2
S.	3
S.W.	11
W.	8
	31

Prevail'g S. W.

Fair	22
Cloudy	7
Rain	2

Three ¾ Fair

Diary of the Weather at Fort Niagara for the Month of August 1823

Date	Thermometer			Course of the Wind	Weather	Remarks - - -
	7 Am	2 Pm	9 Pm			
1	72	78	75	S.	Fair Cloudy Fair	Light Showers of Rain
2	72	78	76	S.W.	Fair, Fair, Fair	
3	72	80	72	S.	Fair " Rain	Rain this Evening at 5 O'Clock P.M.
4	70	72	70	W.	Cloudy " Cloudy	Rain this Evening Ca 11 P.M.
5	68	70	68	W.	" " Fair	
6	66	70	69	S.W.	Fair " "	
7	68	79	80	S.	Cloudy Cloudy Cloudy	
8	73	78	74	S.W.	Fair Fair "	
9	64	68	69	W.	" " Fair	
10	64	69	68	E.	" " "	
11	67	74	69	S.	Cloudy " "	
12	64	70	69	S.W.	Fair Cloudy "	
13	65	72	68	W.	" Fair "	
14	66	70	67	E.	Cloudy Rain Cloudy	
15	64	68	70	S.	" Clear Fair	

16	66	72	70	E.	"	Fair	"	
17	66	70	70	S.E.	Fair	"	"	
18	68	70	72	N.E.	"	"	"	
19	68	74	75	S.W.	"	"	"	
20	65	69	72	S.	"	Cloudy	"	
21	66	69	62	W.	Cloudy	"	Cloudy	
22	60	66	64	W.	Fair	Fair	Fair	
23	60	66	66	S.W.	"	"	"	
24	63	72	70	S.E.	"	"	"	
25	66	78	75	S.E.	"	"	"	
26	72	81	78	S.W.	Cloudy	"	"	
27	76	83	77	W.	Fair	"	Cloudy	
28	72	72	72	N.	Cloudy	Cloudy	Cloudy	
29	66	72	70	N.W.	Fair	Fair	Fair	
30	65	81	78	S.	"	"	"	
31	75	77	74	W.	Cloudy	Cloudy	Cloudy	Heavy Showers of Rain at 9 o'Clock A.M.
Total	2049	2264	2209					
Highest	76	83	80					
Lowest	60	62	62					
Mean	66.12	73.05	71.16					

N.	2
N.W.	1
N.E.	1
E.	2
S.E.	3
S.	7
S.W.	7
W.	8
	31 Prevailing W.

Fair	23
Cloudy	7
Rain	1
	31 Prevailing Fair

Diary of the Weather at Fort Niagara for the Month of September 1823

Date	Thermometer 7 AM	 2 PM	 9 PM	Course of the Wind	Weather			Remarks
1	66	68	67	N.	Cloudy	Fair	Fair	
2	62	66	72	N.E.	"	"	Cloudy	
3	71	72	78	S.	"	Rain	"	
4	78	71	68	W.	"	Clear	Clear	
5	64	70	72	S.E.	Fair	"	"	
6	67	70	72	W.	"	Cloudy	Rain	Rain During the Night
7	60	62	63	N.E.	Rain	"	Rain	N.E. Storm.
8	60	60	63	N.E.	Cloudy	Clear	Clear	
9	62	67	68	N.	"	"	"	
10	67	71	72	S.W.	Clear	"	"	
11	68	72	72	N.E.	Cloudy	Cloudy	Cloudy	
12	72	74	75	S.E.	"	"	"	
13	73	69	67	S.W.	Rain	Rain	Rain	Rain During the Day
14	62	62	64	W.	Cloudy	Cloudy	Cloudy	
15	62	66	64	N.W.	Fair	Fair	Fair	

16	60	65	64	N.E.	"	"	"
17	66	68	67	N.E.	Cloudy	Rain	Rain
18	67	66	63	N.W.	"	Cloudy	Cloudy
19	60	62	65	W.	Clear	Clear	"
20	63	62	55	W.	Cloudy	Cloudy	"
21	50	50	52	N.W.	"	Clear	Clear
22	48	52	54	S.W.	Clear	"	"
23	56	61	64	S.	"	"	"
24	54	60	62	S.	"	"	"
25	58	70	70	S.	"	"	"
26	56	56	60	W.	Cloudy	"	"
27	52	56	55	S.W.	Fair	Rain	Fair
28	42	56	56	S.W.	"	Fair	Rain
29	42	46	42	N.W.	Cloudy	Cloudy	Fair
30	37	58	57	S.W.	Fair	Fair	"
Total	1799	1908	1918				
Highest	78	74	78				
Lowest	37	46	42	Coldest Day in quarter			
Mean	59.29	63.18	62.28				

a Light Squall of hail this Morning

High Winds	
N.	2
N.W.	4
N.E.	6
E	0
S.E.	2
S.	4
S.W.	6
W.	6
	30 Prevailing W. S.W. & N.E.

Fair	18
Cloudy	8
Rain	4
	30 Prevailing Fair

Diary of the Weather at Fort Niagara for the Month of — October 1823.

Date	Thermometer			Course of Wind	Weather			Remarks.	
	7 Am	2 Pm	9 Pm						
1	52	64	60	S.W.	Fair	Fair	Fair		
2	56	70	64	S.	"	"	"	N 7 S.E. 4	Fair 14
3	56	66	62	S.W.	"	"	"	N.W. 2 S. 7	Cloudy 14
4	60	65	62	S.E.	"	"	"	N.E. 1 S.W. 8	Rain 3
5	58	62	56	N.		Cloudy		E. 0 W. 2	31
6	52	60	52	S.W.	"	Fair	"	Prevail'g S.W.	Prevail'g Cloudy & Fair
7	47	64	64	S.E.	"	Cloudy	Cloudy		
8	62	62	56	S.	Cloudy	"	"	Rain from 8 until 10 O'Clock A.M. Rain in the night	
9	52	56	52	S.W.	"	"	"	Rain from 12 M until 2 A.M. Rain from 3 till 4 O'Clock P.M.	
10	47	47	44	W.	"	"	"		
11	42	48	44	W.	"	"	"		
12	38	50	58	S.W.	Fair	"	"	Rain during the night.	
13	56	54	54	S.W.	Cloudy	"	"		
14	40	44	40	N.	"	Fair	Fair		
15	36	56	50	S.	Fair	"	"	White frost this morning	

17	22	30	23	S.	Rain	Snow	Fair	
18	24	28	28	N.	Cloudy	Cloudy	Cloudy	
19	32	40	38	S.	"	"	"	
20	45	53	49	S	"	"	"	
21	48	51	44	S.E.	Rain	Rain	Rain	
22	40	39	35	S.	Cloudy	Cloudy	Cloudy	Dark day
23	27	39	26	N.W.	Fair	"	Fair	
24	22	32	30	E.	"	Fair	Cloudy	
25	30	33	35	E.	Snow	Rain Rain	Rain	Snow during the night
26	42	46	42	S.E	Cloudy	Cloud Cloudy	Cloudy	
27	34	38	28	S.W.	"	"	"	
28	29	28	26	W.	"	"	"	
29	25	34	26	W.	"	Fair	Fair	
30	25	37	32	S.	Fair	"	"	
Total	1009.	1195.	1030					
Highest	52	58	55					
Lowest	22	28	23	Hottest day 9th				
Mean	33.19	39.25	34.10	Coldest " 17th				

30)1009(33 19/30
90
109
90
19

Diary of the weather at Fort Niagara for the Month of December 1823.

Date	Thermometer			Course of the Wind	Weather			Remarks
	7 A.M.	2 P.M.	9 P.M.					
1	34	35	34	S.	Fair	Cloudy	Cloudy	
2	32	44	35	E.	Cloudy	Fair	Cloudy	
3	37	50	44	S.	Fair	"	"	
4	42	48	36	S.E.	Cloudy	Cloudy	"	
5	27	31	28	S.W.	"	"	"	
6	23	38	37	S.E.	"	"	"	
7	31	35	27	E.	"	"	"	Rain during the night
8	24	24	23	N.	"	"	"	Snow 4 O'Clock A.M.
9	15	20	23	N.	Snow	Snow	Snow	
10	22	24	24	E.	Cloudy	Cloudy	Cloudy	
11	23	25	27	N.E.	"	"	"	
12	28	35	37	N.E.	Snow	"	"	
13	23	27	24	N.	Fair	"	Snow	
14	36	34	32	N.E.	Cloudy	"	Cloudy	
15	30	27	30	N.	Snow	Snow	Snow	

16	24	26	23	W.	Cloudy	Cloudy	Cloudy		
17	24	36	20	S.	"	"	Fair		
18	33	38	34	E.	Fair	"	Cloudy	Rain	
19	37	38	32	S.E.	Cloudy	"	"		
20	31	32	30	S.	Fair	"	"		
21	26	25	24	S.W.	Cloudy	"	"		
22	23	32	40	N.	"	Rain	Rain		
23	36	35	30	S.W.	"	Cloudy	Snow	N. – 6 S.W. 4	
24	26	24	20	N.W.	"	"	Cloudy	N.W. – 2 W. 3	Fair 4
25	19	23	20	W.	Snow	Snow	"	N.E. 4	Cloudy 22
26	15	23	30	N.W.	Fair	Cloudy	"	E. 4	Rain 2
27	39	47	40	N.	Cloudy	Fair	"	S.E. 3	Snow 3
28	34	33	28	W.	Fair	"	"	S. 4	prevail g Cloudy
29	24	36	30	S.W.	Cloudy	Rain	Rain	Prevail g N.	
30	38	42	44	N.E.	"	Cloudy	Cloudy	Fair during the afternoon	
31	45	34	31	W.	Fair	"	"		
Total	912	1022	951						
Highest	45	67	44						
Lowest	15	20	20						
Mean	29 13,32 30,30 21								

Diary of the Weather at Fort Niagara for the Month January – 1824.

Date	Thermometer 7 A.M.	Thermometer 2 P.M.	Thermometer 9 P.M.	Course of the Wind	Weather	Remarks
1	28	31	28	N.E.	Cloudy Cloudy Cloudy	Snow
2	28	39	28	N.	"	
3	25	34	30	S.	"	Remarks
4	33	44	42	S.	"	
5	40	39	34	S.	"	Snow
6	39	25	23	S.E.	Snow	
7	15	34	38	S.W.	Fair	
8	32	31	29	S.	"	
9	36	40	43	S.E.	Cloudy	Rain
10	41	39	38	E.	Rain	Rain during the night
11	37	51	36	W.	Fair	Rain
12	34	34	32	S.W.	"	
13	35	38	56	N.E.	Rain	Rain during the night
14	29	22	20	W.	Fair	
15	22	28	28	S.	"	

16	34	37	36	S.	Cloudy	
17	25	31	30	N.W.	〃	Snow during the night
18	26	27	31	N.	Snow	Snow
19	10	12	12	N.	Cloudy	
20	15	25	30	W.	〃	
21	26	20	19	N.W.	〃	
22	14	27	26	S.	Fair	
23	24	32	29	S.E.	〃	
24	21	34	30	E.	〃	
25	28	34	33	S.W.	Cloudy	
26	29	31	30	N.	Fair	
27	24	32	28	W.	〃	
28	29	38	31	S.E.	〃	
29	34	40	34	S.	Cloudy	
30	26	30	24	S.W.	〃	
31	23	21	18	S.		Snow
Total	865	1000	949			
Highest	41	51	55	Hottest day 11th		
lowest	10	12	12	Coldest D. 19th		
Mean	2801	3226	3015			

Winds	
N.	4
N.W.	2
N.E.	2
E.	2
S.E.	4
S.	9
S.W.	4
Snow W.	4
	31

Weather	
Fair	10
Cloudy	12
Rain	3
Snow	6
	31

Diary of the Weather at Fort Niagara for the Month of February, 1824.

Date	Thermometer A.M. 9	Thermometer P.M. 2	Thermometer P.M. 9	Course of the Wind	Weather	Remarks
1	0	6	4	N.	Cloudy	
2	7	11	10	S.	"	
3	18	26	29	S.E.	"	
4	28	12	6	W.	"	Snow
5	2	12	8	S.	Fair	
6	17	24	30	S.W.	Cloudy	
7	31	33	34	S.E.	Fair	
8	33	34	34	W.	"	
9	25	44	42	S.	"	
10	42	51	46	S.	Cloudy	
11	50	47	42	S	"	Rain
12	20	19	18	N.W.	"	Snow
13	19	34	30	S.E.	"	
14	28	37	34	S.	Fair	Snow during the Night
15	29	32	30	E.	Cloudy	Snow

16	32	32	31	E.	Cloudy	Snow
17	19	30	22	N.	Fair	
18	31	32	24	E.	"	Rain in the night
19	20	30	34	S.E.	"	
20	35	43	34	E.	"	
21	31	34	34	N.	"	
22	26	25	23	N.E.	Cloudy	Snow
23	20	19	21	N.	"	
24	14	20	16	N.	Fair	
25	15	20	26	N.E.	Cloudy	Snow
26	36	31	26	S.	"	Snow
27	20	19	18	W.	"	Snow
28	18	24	24	W.	"	
29	14	24	23	W.	Fair	
Total	685	818	763			
Highest	50	51	45			
Lowest	0	6	4			
Mean	2318	2822	2619			

Hottest day 11th
Coldest day 1st

Winds	
N.	5
N.W.	1
N.E.	2
E.	4
S.E.	4
S.	7
S.W.	1
W.	5
	29

Weather	
Fair	12
Cloudy	8
Rain	1
Snow	8
	29

Diary of the Weather at Fort Niagara for the Month of March 1824.

Date	Thermometer			Course of Winds	Weather	Remarks
	A.M. 7	P.M. 2	P.M. 9			
1	13	7	4	N.	Cloudy	
2	7	11	10	S.	"	
3	18	26	29	S.E. Snow	Cloudy "	
4	28	12	6	W.	Snow " Snow	Snow
5	2	12	18	S.	Fair Fair	
6	17	28	30	S.W.	Fair Cloudy	
7	31	38	34	W.	S.S. Fair S.Snow	
8	38	38	34	W.	"	
9	25	44	42	S.	"	
10	42	51	46	S.	Cloudy	
11	50	47	42	S.	Rain	
12	20	19	18	N.W.	Snow	
13	19	34	30	S.E.	Cloudy	
14	28	37	34	S	Fair	Snow during the night

15	29	30	30	E.	Snow	Snow " " "
16	32	32	31	E.	Cloudy	Snow
17	17	30	22	N.	Fair	
18	31	32	24	E.	"	Rain during night
19	20	30	34	S.E.	"	
20	27	38	36	S.W.	Cloudy Rain	
21	33	23	20	W.	Fair	
22	18	24	19	N.E.	"	
23	32	35	34	S.E.	Cloudy	
24	34	42	38	N.W.	Fair	
25	37	39	32	N.W.	"	
26	28	30	45	W.	"	
27	31	45	35	W.	"	
28	36	55	47	E.	Cloudy	
29	47	47	36	S.W.	Fair	
30	34	42	35	W.	Cloudy	
31	32	36	34	N.W.	"	Rain & snow during the day
Total	866	1016	929			
Highest	50	55	47	Hottest day 10th & 11th		
Lowest	3	7	4	Coldest day 1st		
Mean	27.79	32.26	29.30			

Winds	
N.	2
N.W.	4
N.E.	1
E.	4
S.E.	4
S.	6
S.W.	3
W.	7
	31

Weather	
Fair	15
Cloudy	8
Rain	3
Snow	5
	31

Diary of the Weather at Fort Niagara for the Month of April 1824.

Date	Thermometer A.M. 7	P.M. 2	P.M. 9	Course of Wind	Weather	Remarks			
1	32	35	35	W.	Fair	Winds →		Weather →	
2	32	40	34	N.W.	Cloudy	N.	1 days	Fair	11 day
3	38	48	48	N.W.	Fair	N.W	8	Cloudy	13
4	31	40	38	S.W.	Fair	N.E.	5	Rain	2
5	33	55	40	S.W.	Fair	E.	1	Snow	1
6	40	42	38	W	Cloudy	S.E.	1		
7	26	32	35	N.W	Fair	S.	1	Prevailg. Fair	
8	32	44	38	S.W	Cloudy	S.W.	9		
9	34	46	38	S.W.	Cloudy	W.	4		
10	37	48	44	N.E.	Clear	Prevailg. S.W.			
11	41	44	44	S.E.	Cloudy	Rain			
12	38	38	37	N.E.	Rain				
13	38	48.	38	N.E.	Fair				
14	37	45	42	S.W.	Cloudy	Rain			
15	36	38	37	W.	Cloudy				

16.	34	42	38	S.W.	Cloudy	
17	36	36	36	W.	Snow	
18	35	42	35	N.W.	Fair	
19	36	44	40	N.W.	Fair	
20	44	55	46	S.W.	Cloudy	Rain at 8 O'Clock P.M.
21	42	64	52	N.E.	Cloudy	
22	52	60	51	S.W.	Cloudy	
23	40	48	39	N.W	Fair	
24.	47	53	50	N.E.	Rain	Rain
25	34	45	52	N.	Fair	
26	63	68	60	S.	Fair	Rain in the Night
27	42	50	45	N.W	Fair	
28	37	40	36	E.	Cloudy	rain in the night
29	52	57	50	S.W.	Cloudy	
30	60	65	54	N.W.	Fair	
Total	1155	1419	1273			
Highest	63	68	60	Hottest day 26th		
Lowest	26	36	34	Coldest day 7th		
Mean	3915	4709	4213			

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Diary of the Weather at Fort Niagara for the month of May 1824

Date	Thermometer A.M. 7	P.M. 2	P.M. 9	Course of the Winds	Weather	Remarks
1st	41	48	43	E.	Snow	
2d	44	51	46	N.W.	Cloudy	
3d	58	64	60	N.	Fair	
4th	38	43	36	N.E.	Rain	
5th	45	52	44	W.	Fair	
6th	52	51	48	N-E	Cloudy	Rain during the night
7th	58	54	60	N.E.	Cloudy	
8th	66	52	60	S.W.	Cloudy	
9th	60	50	48	N.W.	Fair	
10th	38	60	42	S	Fair	
11th	52	60	50	E	Fair	
12	46	50	48	E	Fair	
13	46	46	42	S	Rain	
14	38	50	46	W	Fair	
15th	44	54	52	S	Fair	
16	48	51	52	S.	Cloudy	
17th	40	50	54	W	Cloudy	
18	48	52	50	S.	Cloudy	
19th	44	50	50	E.	Rain	

20th	50	50	46	E.	Fair
21st	42	56	56	N.	Fair
22d	44	52	64	N.W.	Fair
23d	46	60	64	S.W.	Fair
24th	56	62	62	S.	Fair
25th	40	48	48	N.	Fair
26th	38	62	52	N.	Fair
27th	60	76	74	S.	Fair
28th	64	68	72	S.	Cloudy
29th	46	52	58	N.W.	Fair
30th	46	52	56	N.E.	Fair
31st	54	72	74	S.	Fair
Total	1492	1712	1649		
Highest	68.	78	74.		
Lowest	38.	48	42		
Mean	48.04	55.17	53.01		

Hottest day 27th
Coldest day 4th

Winds

N. — 4 days
N.W. — 4 "
N.E. — 4 "
E. — 5 "
S.E. — " "
S. — 9 "
S.W. — 2 "
W. — 3 "

Prevails S.

Weather

Fair — 19 days
Cloudy — 8 "
Rain — 3 "
Snow — 1 "

Prevails Fair

Diary of the Weather at Fort Niagara for the Month of June 1824

Date	Thermometer			Course of Wind	Weather	Remarks
	A.M. 7	P.M. 1	P.M. 7			
1st	72	74	72	S.	Cloudy	
2nd	58	66	62	S.	Fair	
3d	56	72	70	S.	Rain	
4th	66	72	74	S.E.	Rain	
5th	56	66	62	S.	Fair	
6th	56	68	72	S.E.	Fair	
7th	60	74	72	S.E.	Rain	Rain during the Night
8th	69	72	80	S.	Fair	
9th	54	62	58	S.W.	Fair	
10th	44	58	62	W.	Fair	
11th	50	64	68	S.	Fair	
12th	56	57	58	S.	Rain	
13th	50	68	62	S.E.	Cloudy	
14th	50	64	60	N.W.	Fair	
15th	48	62	60	N.W.	Fair	
16th	52	60	62	W.	Fair	
17th	52	63	66	N.	Fair	
18th	54	62	72	W.	Fair	
19th	61	72	68	S.	Fair	

20th	64	70	88	S. E.	Fair	
21st	64	70	64	E.	Fair	Rain during the Night
22nd	68	70	70	S. W.	Cloudy	Rain during the Night
23	64	76	78	S. E.	Cloudy	
24th	66	68	74	S. W.	Cloudy	Rain during the Night
25th	60	70	70	W.	Fair	
26th	62	74	70	W.	Fair	
27th	68	74	84	S. W.	Fair	
28th	64	74	72	S. E.	Cloudy	
29th	72	82	76	S. E.	Fair	Rain during the Night
30th	72	82	80	S. W	Cloudy	
Total	1788	2066	2080			
Highest	72	82	88			
Lowest	44	57	58			
Mean	59.18	68.86	69.18			

Hottest day 30th
Coldest day 12th

Winds
N. ~ 1
N. W. ~ 2
N. E. ~ 1
E. ~ 1
S. E. ~ 7
S. ~ 8
S. W. ~ 5
W. ~ 5

Prevails S.

Weather
Fair ~ 19
Cloudy ~ 7
Rain ~ 4
Snow

Prevails Fair

Diary of the Weather at Fort Niagara for the month of July 1824

Date	Thermometer			Course of the Wind	Weather	Remarks
	7	2	9			
1st	62	76	72	S.	Fair	
2nd	68	73	86	S. S. E.	Rain	
3d	60	68	68	N. W.	Fair	
4th	60	68	64	N.	Fair	
5th	60	68	68	E.	Cloudy	Rain during the night
6th	68	80	80	S. W.	Fair	
7th	68	70	70	N. W.	Fair	
8th	62	72	72	W.	Fair	
9th	68	80	72	W.	Fair	
10th	72	76	84	S.	Rain	
11th	66	70	76	N. E.	Fair	
12th	60	72	68	N. E.	Fair	
13th	68	74	72	S. W.	Rain	
14th	64	74	74	S.	Cloudy	
15th	58	66	68	N. W.	Fair	
16th	58	68	74	N. W.	Fair	
17th	66	76	74	S. W.	Fair	
18th	68	74	72	S.	Fair	
19th	68	78	78	E.	Cloudy	
20th	66	76	70	N. W.	Fair	

21st	65	72	74	N	Fair	
22nd	68	74	74	N.W.	Fair	
23d	68	76	72	S.	Fair	Rain during the night
24th	68	76	72	S.	Cloudy	
25th	66	80	72	W.	Fair	
26th	74	82	72	W.	Fair	
27th	68	74	72	N.W.	Cloudy	
28th	66	80	72	N.E.	Fair	Rain during the night with thunder
29th	70	78	72	E.	Cloudy	
30th	66	74	74	N.	Fair	
31st	64	74	72	N.	Fair	
	2023	2280	2252			
Highest	74	82	84			
Lowest	58	66	64			
Mean	65.13	73.17	72.28			

Highest — 2
Lowest —
Mean

Winds

N.	4
N.W.	7
N.E.	3
E.	3
S.E.	1
S.	6
S.W.	3
W.	4
	31

Prevail^g. N.W.

Weather

Fair	22
Cloudy	6
Rain	3
Snow	31

Prevail^g. Fair

31)2023(65
186
163
155
8

Diary of the Weather at Fort Niagara for the month of August 1824

1824 Month	Thermometer			Winds	Weather	Remarks
August	7 A.M.	3 P.M.	9 P.M.			
1st	62	70	72	N.	Fair	
2d	68	70	76	N.	Fair	
3	70	72	68	N.	Fair	
4th	66	68	66	N.E.	Fair	
5th	66	70	68	S.W.	Fair	
6th	66	68	66	S.E.	Rain	
7th	68	75	68	S.W.	Fair	
8th	68	80	70	S.	Fair	
9th	70	76	74	S.W.	Fair	
10th	66	74	74	N.	Fair	
11th	64	74	72	N.	Fair	
12th	64	72	66	N	Cloudy	Thunder & rain at 5 P.M.
13th	66	74	70	N.E.	Fair	
14th	66	72	68	W.	Fair	
15th	60	64	70	N.W.	Fair	
16th	62	68	70	S.W.	Fair	

Winds	
N.	10
N.W.	1
N.E.	2
E.	4
S.E.	2
S.	3
S.W.	7
W.	2
	31

Prevailg N.

Weather	
Fair	23
Cloudy	6
Rain	2
Snow	
	31

Prevailg Fair

17th	68	78	74	W.	Fair	
18th	72	76	74	S.W.	Cloudy	Thunder & rain at 1 P.M
19th	72	78	76	S.W.	Cloudy	Rain during the night
20th	66	72	68	N.	Fair	Rain during the night
21st	70	76	74	S.E.	Rain	
22d	70	74	68	S.W.	Fair	
23d	66	72	64	N.	Fair	
24th	60	68	64	E.	Fair	
25th	68	76	74	S.	Fair	Thunder & rain at 2 P.M.
26th	68	74	74	E.	Fair	" "
27th	68	76	74	E.	Cloudy	
28th	68	72	72	E.	Cloudy	
29th	60	72	72	N.	Fair	Rain during the night
30th	66	70	68	S.	Fair	
31st	60	68	64	N.	Cloudy	
	2074	2257	2182			
Highest	72	80	74			
Lowest	60	64	64			
Mean	66.25	72.25	70.12			

Diary of the Weather at Fort Niagara for the Month of September 1824

1824 month Septr	Thermometer			Winds	Weather	Remarks
	7 a.m.	2 P.M.	9 P.M.			
1st	66	71	66	N.	Fair	
2nd	66	72	66	N.	Rain	
3d	66	72	68	W.	Fair	
4th	74	76	70	S.	Fair	Rain at 5 P. M
5th	66	74	70	S.	Fair	
6th	64	70	66	S.	Fair	
7th	68	70	66	N.	Cloudy	Rain at 5 P. M
8th	58	60	56	N. W.	Cloudy	
9th	52	66	58	W.	Fair	Frost
10th	56	64	58	W.	Fair	
11th	56	68	66	S. E.	Fair	
12th	68	72	66	E.	Cloudy	
13th	66	72	68	W.	Fair	
14th	66	75	70	S.	Fair	
15th	75	80	78	S.	Fair	
16th	72	76	70	S.	Rain	Rain during the night
17th	62	70	66	N. W.	Fair	
18th	58	70	58	E.	Fair	
19th	58	72	62	S. E.	Fair	
20th	58	72	68	E.	Fair	

21st	66	74	66	S.	Fair	Rain during the night
22nd	64	64	58	N. W.	Fair	
23d	54	64	56	N.	Fair	
24th	52	62	52	N.	Fair	
25th	46	66	56	S. E.	Fair	
26th	52	64	56	S.	Cloudy	
27th	52	60	54	S.	Fair	
28th	56	64	60	E.	Cloudy	
29th	62	62	62	E.	Cloudy	
30th	62	70	64	E.	Fair	
	1827	2072	1900			
Highest	75	80	75			
Lowest	52	60	52			
Mean	60,27	69,02	63,10			

Winds	
N.	5
N. W.	3
N. E.	
E.	6
S. E.	3
S.	9
W.	4
	30

Prevail. South

Weather	
Fair	22
Cloudy	6
Rain	2
	30

Prevail. Fair

Diary of the Weather at Fort Niagara for the Month of October 1824.

1824 month Oct.	Thermometer 7 A.M.	2 P.M.	6 P.M.	Winds	Weather	Remarks
1st	58	66	62	N.	Clear	
2.	60	70	60	W.	Clear	
3.	52	72	54	S.	Clear	
4th	58	68	62	W.	Cloudy	
5th	66	66	64	S.	Cloudy	Rain during the Night.
6th	62	66	58	S.	Cloudy	Rain at 7 AM
7th	50	56	44	N.W.	Fair	
8th	48	59	56	S.W.	Cloudy	Thunder and rain during the Night
9th	62	70	68	S.W.	Fair	Rain during the Night
10th	60	62	66	E.	Cloudy	
11th	64	68	68	S.W.	Rain	
12th	50	50	48	W.	Cloudy	
13th	44	[illegible]	[illegible] 52	S.W.	Fair Cloudy	Frost
14th	48	50	48	N.	Cloudy	
15th	52	60	54	S.	Cloudy	
16th	54	64	54	W.	Fair	
17th	58	56	50	W.	Cloudy	
18th	46	54	56	S.E.	Cloudy	

19th	50	52	52	N. W.	Fair	Rain during the Night
20th	58	58	50	S. W.	Cloudy	
21st	40	52	50	S. W.	Fair	
22d	48	48	48	W.	Fair	
23d	42	46	40	W.	Fair	Rain during the Night
24th	44	46	44	S.	Cloudy	Rain
25th	40	44	50	E.	Cloudy	Rain during the Night
26th	56	52	58	E.	Cloudy & Rain	
27th	48	48	36	S. W.	Fair	
28th	36	42	40	S. W.	Fair	Frost, snow at ½ past one A M
29th	38	44	42	S. W.	Cloudy	Frost.
30th	44	46	44	N. W.	Fair	
31st	36	40	38	S. E.	Cloudy	
	1588	1715	1614			

Diary of the Weather at Fort Niagara, for the Month of November 1824.

Dates	Thermometer			Winds	Weather	Remarks
	7	2	9			
1st	40	46	44	South.	Cloudy	Rain during the Night.
2nd	44	38	36	N. E.	Rain	
3d	30	38	36	N.	Cloudy	Frost.
4th	28	32	36	N. E.	Cloudy	Rain at 2 P.M., and during the Night
5th	40	42	42	E.	Cloudy	Rain during the Night
6th	40	36	40	S. E.	Cloudy	Rain & Snow at 8 A.M. 4 A.M. hail
7th	40	42	42	N.W.	Cloudy	Snow.
8th	38	38	38	N. E.	Cloudy	Snow at 7 P.M.
9th	38	46	46	E.	Cloudy	Rain
10th	40	42	40	N.W.	Cloudy	Frost
11th	40	48	40	N.W.	Cloudy	Frost
12th	32	32	30	N	Cloudy	
13th	30	42	36	S.W.	Cloudy	Frost
14th	38	40	40	S.W.	~~[illegible]~~ Cloudy	Rain at ½ past 2 P.M. continued during the Night
15th	44	46	46	N E	Cloudy	Rain at 7. A.M.
16th	46	42	42	W.	Cloudy	
17th	36	40	38	W.	Cloudy	Snow

18th	30	40	38	W.	Fair		Frost Snow
19th	36	40	34	W	Cloudy		do.
20th	38	48	44	S W	Fair		do.
21st	38	30	44	S W	Cloudy	Cloudy	do
22d	30	48	46	S W	Cloudy		Rain at 11 AM
23d	46	44	44	N W	Fair		Rain during the Night
24th	46	48	42	S E	Cloudy		Rain at 11 AM
25th	40	40	40	N E	Cloudy		
26th	40	50	48	S E	Cloudy		Rain during the Night
27th	48	42	42	W	Cloudy		Rain during the day
28th	40	42	42	N E	Cloudy		
29th	40	50	46	E	Fair		Rain during the Night
30th	38	56	48	S E	Cloudy		Rain at intervals during the day
	1134	1268	1214				

Diary of the Weather at Fort Niagara for the Month of December 1824

Dates	Thermometer			Winds	Weather	Remarks
	7 Am	2 Pm	9 Pm			
1st	44	48	58	S. E	Cloudy	[illegible] during the Night
2d	42	60	56	S. E	Fair	Rain during the Night
3d	48	44	40	W	Cloudy	Frost
4th	30	34	28	N W	Fair	Frost.
5th	28	32	34	N W	Cloudy	Lt. Snow during the Night
6th	32	34	36	W	Cloudy	Lt. Snow during the Night
7th	32	36	34	W	Cloudy	Frost
8th	30	36	32	W	Cloudy	
9th	26	36	38	W	Fair	
10th	38	48	44	S W	Cloudy	Rain [illegible]
11th	44	46	42	W	Cloudy	Rain
12th	38	40	44	S W	Cloudy	Rain during the Night
13th	46	42	36	E	Cloudy	Rain [illegible]
14th	32	34	34	N. W.	Cloudy	[illegible]
15th	28	38	30	E	Cloudy	Frost
16th	24	32	22	N	Fair	
17th	26	30	38	E	Cloudy	Rain during the day & Night
18th	44	46	40	S	Cloudy	Rain & Snow at 9 A.M.
19th	32	36	32	W	Fair	

20th	28	36	36	S E	Cloudy	
21st	36	34	48	W	Cloudy	Snow during the Night A.M.
22d	32	38	36	N W	Cloudy	Snow from 9 A.M. to 2 P.M.
23d	24	28	30	N	Cloudy	
24th	36	36	38	S W	Cloudy	
25th	38	40	38	E	Cloudy	
26th	40	42	42	S E	Cloudy	Rain
27th	44	42	42	S W	Fair	Snow during the night
28th	36	38	36	W	Cloudy	
29th	32	38	38	S W	Fair	Frost
30th	34	34	40	S W	Fair	
31st	38	38	38	S W	Cloudy	
	1082	1196	1174			

Diary of the Weather at Fort Niagara for the Month of January 1825

Dates	Thermometer 7 AM	2 PM	9 PM	Winds	Weather	Remarks
1st	38	40	32	N. W.	Cloudy	
2nd	24	28	30	N. W.	Cloudy	Frost. Snow during the Night
3	28	30	28	N W.	Cloudy	
4th	28	34	32	W.	Fair	Frost
5th	32	36	38	S. W.	Fair	Frost, Snow during the Night
6th	28	30	28	S. W.	Fair	
7th	28	32	32	S.	Fair	
8th	34	36	42	E.	Cloudy	Rain & Snow during the Day
9th	28	26	26	W	Cloudy	Frost
10th	24	26	32	W	Fair	do
11th	34	36	28	S W	Fair	do
12th	36	40	38	S	Fair	do
13th	32	38	38	E	Fair	do
14th	38	40	40	E	Cloudy	do Rain at 9 A.M.
15th	40	42	42	N E	Cloudy	
16th	42	50	46	S E	Cloudy	Snow during part of the Night
17th	32	30	32	W	Cloudy	
18th	30	38	32	S W	Cloudy	Frost

19th	32	32	28	N W	Cloudy	do	
20th	28	36	34	S	Fair		Snow at 7 P.M
21st	28	28	26	N W	Fair	Frost	
22nd	22	28	28	S	Fair	do	
23	26	32	28	S W	Fair	do	
24th	28	32	32	S W	Fair	do	
25th	38	38	38	N	Cloudy	do	
26th	40	42	42	S W	Frost	do	
27th	40	40	40	S W	Fair	do	
28th	40	46	42	E	Fair	Snow during the Night	
29th	26	24	24	N	Cloudy	Frost	
30th	22	32	36	S E	Fair	do	
31st	38	44	36	S E	Fair	do Snow	
	984	1084	1050				

Hotest 7-2-9
Jan 16. 42. 50. 46

Coldest 7 2-9
22 22. 28-28

Wind
NW. 5. W 3 SW. 8 S 4 E. 4 N E 1
SE. 3. N 2

Diary of the Weather at Fort Niagara for the Month of Feby 1825

Date	Thermometer			Winds	Weather	Remarks
	7 A.M.	2 P.M.	9 P.M.			
1st.	22.	22	22	N. E.	Cloudy	Snow
2nd	18	22	16	N.	do.	Frost
3d.	12	16	18	W.	do	do.
4th.	16	14	24	W.	Fair	do
5th	28	38	30	S.W.	Cloudy	Snow
6th	32	44	50	S. W.	Fair	Frost
7th	50	38	34	E.	Cloudy	Rain
8th	28	28	24	E.	do	Frost
9th.	28	28	28	S. E.	do	do.
10th.	28	38	34	S. E.	Fair	do.
11th.	34	38	42	E.	do	Rain during the Night
12th.	42	48	42	E.	Cloudy	Rain during the day
13th.	40	42	40	S.W.	Fair	
14th.	40	40	42	E.	Cloudy	
15th.	34	40	42	N. E.	Cloudy	Frost & Snow
16th.	35	38	38	S. W.	Cloudy	Frost. Snow. at 5 p.M.
17th.	38	40	44	S.	Fair	Frost.
18th.	34	34	34	W.	Cloudy	Snow during the Night
19th.	32	34	32	E	Cloudy	
20th	30	40	35	S. E.	Cloudy	Frost

21st	36	42	38	E	Cloudy	
22d	36	38	34	E	Cloudy	Frost
23d	36	42	40	E	Fair	do
24th	40	46	48	S	Cloudy	Rain at 6 pM
25th	46	50	50	N	Fair	
26th	40	42	40	E	Cloudy	Snow at 4 pM and during the night
27th	38	40	38	S.E	Cloudy	Snow during the day
28th	38	40	40	E	Cloudy	Frost and Snow at 7 AM
	928	1020	1002			

Diary of the Weather at Fort Niagara for the Month of March 1825.

Dates	Thermometer			Winds	Weather	Remarks
	7 A.M.	2 P.M.	9 P.M.			
1st	34	38	36	N.	Cloudy	Frost
2nd	34	40	36	S.	Fair	do
3d	38	44	44	E.	Fair	do Rain at 2 p.M.
4th	42	48	44	E.	Fair	Rain during the Night
5th	40	44	44	W.	Fair.	do do do
6th	40	44	44	N. W.	Fair	
7th	38	42	44	E.	Fair	Frost Rain during the Night
8th	48	58	52	S	Fair	
9th	40	42	42	S. W.	Fair	Frost
10th	34	38	36	S W	Fair.	
11th	34	38	38	S. E.	Fair	
12th	44	48	46	S. E.	Cloudy	
13th	42	44	42	W	Fair	Frost.
14.	38	48	42	N.	Fair	Frost
15th	38	48	44	E.	Fair	do Rain during the Night
16th	44	50	50	E.	Cloudy	Rain at 7 A.M. at 2 p.M.
17th	48	52	50	S.	Fair	
18th	44	46	48	N.	Fair	
19th	40	52	44 52	S.	Fair	Frost.
20th	50	48	44	W.	Fair	
21st	38	46	44	E	Fair	Frost

22d	38	44	44	S. E.	Fair	Frost
23.	38	38	34	S.	Fair	
24th	44	48	42	E.	Cloudy	Frost
25th	38	40	40	E.	Cloudy	Snow at 10 A.M. Rain at 2 P.M. untill 11.
26th	40	44	42	E.	Cloudy	Rain at 8. A.M.
27th	38	40	34	N. W.	Cloudy	
28th	38	40	38	N.	Cloudy	Frost
29th	34	46	40	S.	Fair	Frost
30th	38	44	48	S. E.	Cloudy	Rain, at 8 A.M. and during the night
31st	42	42	40	S. W.	Cloudy	Snow at 7 A.M.
	1226	1384	1316			

Diary of the Weather at Fort Niagara for the Month of April 1825.

Dates	Thermometer			Winds	Weather	Remarks	
	7 A.M.	2 P.M.	9 P.M.				
1	38	48	44	N W	Fair	Frost	
2	40	42	48	N	Fair	do	
3	40	50	48	E	Fair	do	
4	38	44	52	S	Fair	do	
5	44	58	60	S	Fair		
6	54	58	48	W	Cloudy		
7	44	56	54	E	Fair	Frost	
8	42	54	54	E	Fair	Frost	
9	44	54	52	S. E.	Fair	do	Rain during the Night
10	50	58	52	W	Cloudy	Rain 7 A.M.	
11	48	48	46	N	Fair		
12	38	40	42	N	Cloudy	Frost	
13	40	48	52	N	Fair	Frost	
14	42	52	52	N	Fair	Frost	
15	42	56	54	E	Fair	Frost	
16	44	54	60	S E	Fair	do	
17	50	60	56	S. E	Fair		
18	50	56	58	N W	Fair		
19	44	52	46	N	Fair		

20th	28	42	36	N.		Fair	Frost
21	32	44	44	S.W.		Fair	Rain at 4 P.M. & ~~all~~ during the night
22	40	46	46	E.		Cloudy	Rain at 7 A.M.
23	44	50	48	E.		Cloudy	
24th	46	58	58	E.	Robt	Fair	Rain during the night
25th	58	54	52	E.	[illegible]	Fair	
26th	50	52	52	E.		Cloudy	Rain — Steam Boat arrived at 8 P.M.
27th	46	62	44	E.		Fair	
28th	50	58	58	S.W.		Fair	
29th	60	58	56	S.E.		Cloudy	Rain at 7 A.M.
30th	42	48	48	S W.		Fair	
	1232	1562	1540				

Winds

N.	7
N.W.	2
N.E.	0
E.	10
S.E.	4
S.	2
W.	2
S.W.	3
	30

Prevailing East

Weather

Fair	23
Cloudy	7
	30

Prevailing Fair

Diary of the Weather at Fort Niagara for the Month of May 1825–

Dates	Thermometer 7 A.M	 2 P.M	 6 P.M	Winds	Weather	Remarks
1st	42	48	48	S. W.	Fair	× Mrs Abigail Jackson appointed matron of the Hospl
2nd	42	54	52	N. E.	Fair	
3.	46	54	58	E.	Fair	
4th	42	48	48	S. E.	Fair	Frost. Thunder with Rain at 6 P.M. [illegible]
5th	44	58	52	N. W.	Cloudy	
6th	44	58	56	W	Fair	Rain during the Bigst part of the day with thunder & Rain during the Night.
7th	48	58	56	N. E.	Fair	
8th	52	56	54	N. E.	Fair	
9th	52	64	60	N. E.	Fair	
10th	60	60	54	S.	Cloudy	Rain at 10 A.M.
11th	50	58	56	E.	Fair	
12th	48	62	58	E.	Fair	
13th	50	60	58	E.	Fair	
14th	50	58	62	E	Fair	Winnebago
15th	58	62	58	N. E.	Fair	
16th	60	68	66	S.	Cloudy	Rain at 7 AM & at 3 p.M.
17th	64	68	64	S	Cloudy	Rain at 7 AM. & at 3 p.M.
18th	62	66	64	S.W.	Cloudy	Rain at 11 A.M. 5 p.M.
19th	56	54	54	S.W.	Cloudy	Showers during the day & Night
20th	52	62	62	N.W.	Fair	

21st	56	60	66	S.W.	Fair	
22nd	56	60	62	S.E.	Fair	
23d	56	64	64	E.	Fair	Heavy Showers at 6 pM.
24th	66	72	70	S.W.	Cloudy	Asst. Surgeon Beaumont arrived at 5 pM.
25th	64	60	58	S.E.	Cloudy Cloudy	Rain at 7 AM continued untill 5 pM
26th	57	58	62	N.E.	Fair	
27th	54	62	60	S.W.	Fair Fair	
28th	55	62	58	E.	Cloudy ~~Fa~~	+ Asst. Surgeon Beaumont took Charge of the Hospital
29th	56	62	58	E.	Fair	
30th	57	58	58	E	Fair	Showers during the Night
31st	64	74	76	S. E.	Fair	} Heavy rain at 7 PM, thunder &c. Rain with lightning during the night
	1814	1908	1914			

Winds
N. _ 0
E. _ 9
S. _ 3
W. 1
N.E. _ 6
N.W. 2
S.W. 6
S.E. 4
31 prevailing East

Weather
Fair 22
Cloudy 9
31 prevailing Fair

Diary of the Weather at Fort Niagara for the Month of June 1825.

Dates	Thermometer			Winds	Weather	Remarks
	7 A.M.	2 P.M.	9 P.M.			
1	72	70	68	S.W.	Cloudy	Rain at ½ past 11 A.M.
2	62	64	62	N.W.	Fair	
3	58	60	64	N.E.	Fair	
4th	58	66	66	S	Fair	[illegible]
5	62	64	64	N.E.	Cloudy	Rain at ½ past 11 A.M.
6th	66	70	74	W.	Fair	Genl. La Fayette visited this Fort at ½ past 6 A.M. and Breakfasted with the officers.
7	66	76	74	W.	Fair	
8th	72	78	78	S	Fair	
9th	72	84	80	S.W.	Fair	Thunder & Lightening with Rain at ½ past One P.M.
10th	74	82	78	S.W.	Fair	do do with heavy rain in the Night
11th	74	82	80	S.W.	Fair	
12th	74	70	74	S.W.	Fair	Rain at ½ past 8 P.M. continued all Night
13th	66	70	68	N.W.	Fair	
14th	64	72	70	S.E.	Fair	Rain at ½ past 9 P.M. continued the Night
15th	66	76	76	S.E.	Fair	Rain at ½ past 8 o'clock P.M. Continued all Night.
16th	72	74	72	N.W.	Cloudy	
17th	64	72	70	E.	Fair	Rain during the Night.
18th	64	78	76	S.	Cloudy	
19th	72	76	78	S.W.	Cloudy	Rain at 5 A.M.
20th	68	75	79	S.W.	Fair	Rain at 5 A.M.
21	74	78	72	S.W.	Fair	
22	62	64	66	N.W.	Fair	
23	62	70	68	N.W.	Fair	
24	64	70	68	S.E.	Fair	

25th	66	72	68	S.E.	Cloudy	
26th	62	66	66	N.W.	Fair	
27th	62	70	70	S.E.	Cloudy	Rain at ½ past 11 A.M.
28th	64	68	66	S.W.	Cloudy	Thunder with Showers during the day
29th	56	66	68	S.W.	Fair	
30th	64	74	72	S.W.	Fair	
	1976	2172	2122			

Winds

N	1 days
E	1
W	2
S	2
N E	2
N W	6
S E	5
S W	11
30	S W prevailing

Weather

Fair	22 days
Cloudy	8
30	Fair prevailing

Diary of the Weather at Fort Niagara for the Month of July 1825

Dates	Thermometer 7 A.M.	Thermometer 2 P.M.	Thermometer 9 P.M.	Winds	Weather	Remarks
1.	68	72	72	N.W.	Fair	
2nd	66	72	72	N.	Fair	
3.	64	74	72	N.W.	Fair	
4th	70	78	72	S.W.	Fair	
5th	70	78	72	S.W.	Fair	
6th	70	70	60	S.W.	Fair	[illegible]
7th	60	66	70	N.W.	Fair	
8th	60	76	74	S.E.	Fair	
9th	65	74	76	S.E.	Cloudy	Rain with Thunder at 7 A.M. lasted untill ½ past 11 with lightning
10th	78	84	82	S.E.	Fair	
11th	78	88	84	S.E.	Fair	
12th	78	78	72	S.W.	Fair	Thunder with rain at ½ past one P.M. & ½ past 3 P.M. Showers during the night
13th	64	72	68	N.W.	Cloudy	
14th	66	80	72	S.W.	Fair	
15th	68	76	74	S.W.	Fair	Col Wool arrived 7 o'clock P.M.
16th	72	78	78	S.W.	Fair	Inspection at 8 A.M. went in the British S Boat
17th	68	78	78	S.W.	Fair	
18th	72	82	80	S.W.	Fair	
19th	74	86	82	S.W.	Fair	
20th	82	90	84	S.E.	Fair	
21st	84	84	80	S.E.	Fair	

22.	76	84	82	S.E.	Fair		
23.	78	78	76	N.W.	Cloudy		Rain at 10 A.M. fair at 12 Rain at 5 p.M.
24.	72	78	74	N.W.	Fair		
25.	68	72	70	N.W.	Fair		
26.	68	78	72	N.W.	Fair		
27.	64	72	70	S.E.	Fair		
28.	66	76	76	S.W.	Fair		
29.	68	88	76	S.E.	Fair		
30.	72	84	78	S.	Cloudy		
31.	74	74	70	S.W.	Cloudy	Rain at one p.M.	with Thunder & Lightning continued until 5 p.M.

Niagara

Diary of the Weather at Fort Niagara for the Month of August 1815

	Thermometer			Winds	Weather	Remarks
	8	2	6			
	A.M.	P.M.	P.M.			
1.	66	68	68	N.E.	Cloudy	
2.	64	70	70	N.W.	Fair	
3d	66	74	74	S.W.	Fair	
4th	70	76	74	S.W.	Fair	
5th	70	76	74	S.W.	Fair	
6th	70	82	76	S.W.	Fair	Rain at 2 & at 11 P.M.
7th	74	78	78	S.W.	Fair	
8th	74	78	76	S.W.	Fair	Thunder & lightning during the Night. no rain
9th	70	76	74	S.W.	Fair	
10th	64			N.W.	Fair	Thermometer accidentally broken - another will
11th						be necessary as soon as it can be sent on -
12th						
13th						
14th						
15th						
16th						
17th						
18th						
19th						
20th						

21
22
23
24
25
26
27
28
29
30
31

Diary of the Weather at Fort Niagara for the Month of December 18[illegible]

Days	Thermometer 7	2	9	Winds	Weather	Remarks
1				S.	Cloudy	
2				W.	Cloudy	
3						
4						
5						
6						
7						
8						
9						
10	-			-	-	Polly stopt washing for Hospl & Sick at Night – Child born
11						
12	10.	10.	7.	N W – high	Fair	Parker to duty & McConnel in his place –
13	2.	8.	18	W Lt	Cldy	
14	28.	39	40	S Lt S H.	Clear	
15	42	50	40	S Lt S Lt	Cloudy –	16th Batt fell ba
16	50	58	52	S Lt	Cloudy	
17	48	50	34	S W Lt	Cloudy	Beaten up
18	32	40	34	N E brk	Snowing	
19	31	38	32	S W m	Clear	– Irishwoman con
20	32	34	26	N W m	Clear	
21	20	24	21	N E m	Cloudy	
22	20	25	20	S W m	Cloudy	

23	16	22	24	S.W. Calm	Clear	
24	32	38	37	S.W. S.W. S.W.b	Cloudy Cloudy	Raining at night
25	45	48	28	S.W. N.W. N.W. bk	Rainy Cloudy Clear	
26	20	28	22	N.W. N.W. N.W.b	Clear Cldy Clear	Snow squalls during the day
27	21					
28						
29						
30						

Meteorological Journal for Jany 1826 at the Fort of Niagara N.Y. Lat

	1	+ 35	32	30	W b W	b N E b	-	Cloudy	Cloudy	Cloudy	
	2	2. 26	28	26	N W b	W b	N W b	Snowing	Snowing	Cloudy	
	3									Clear	
	4	-	-	18	W brk		W brk	Squally	Squally		Snow
	5	11	20		N W m	N W m		Clear	Clear		
	6	11	25	26	S Lt	S Lt	S Lt	Clear	Clear	Cloudy	
	7	34	40	43	S W Lt	S W Lt	S Lt	Cloudy	Cloudy	Cloudy	
S	8	44	46	43	S Lt	S W Lt	S W Lt	Raining	Rainy	Raining	
	9	42	44	53	S W Lt	W Lt	S W Lt	Rainy	Cloudy	Cloudy	
	10	50	54	40	S Lt	W Lt	W b	Clear	Clear	Clear	
	11	38	46	37	S Lt	S W Lt	N W b	Cloudy	Cldy	Clear	
	12	32	36	34	S Lt	N W b	N b	Clear	Clear	Clear	
	13	26	36	34	S Lt	S Lt	S Lt	Clear	Cloudy	Snowing	
	14	36	38	34	N E m	N E m	N E b	Raining	Raining	Raining	
S	15	32	30	22	N m	N b	N W	Snowing	Snowing	Cloudy	
	16	20	25	24	N b	N Lt	N E m	Snowing	Cloudy	Clear	
	17	22	26	23	W m	W Lt	W Lt	Cloudy	Clear	Clear	
	18	25	30	28	S W b	S W b	S W b	Cloudy	Clear	Clear	
	19	30	32	28	S Lt	N E b	E Lt	Cloudy	Cldy	Cldy	
	20	28			S Lt			Cloudy			
	21										
S	22										

23									
24			3.			N W b			Clear
25	4.	10.	9.	S W b	S W b	N W b	Clear	Clear	Clear
26	10.			S W b			Cloudy		
27									
28									
5. 29									
30			12.			N W b			Squally
31	0.4	0	5.	N W b	N W b	N W b	Clear	Clear	Clear
1 Feb	0						Cloudy		
15 –	8.								

The weather during the month of February has been unusually cold & stormy– The Thermometer has ranged between Zero & 36.° above; from the 1st to the 15th Snow has fallen as often as 2 days out of 3, with several heavy Snow Storms– there was 10 or 12 inches of snow on the ground on the 15th

Diary of the Weather at Fort Winnebago for October 1838

Date	Thermometer 7 A.M.	2 P.M.	9 P.M.	Course of the Wind	Weather	Remarks
Oct. 8th	.	84	84	S. W.	Clear	
9th	62	92	68	S. W.	Clear	Wind strong from the West during the night
10th	58	62	54	W. & N. W.	Clear	Strong Westerly wind, during the day, at 9 P.M. Westerly & [illegible] the variation on the 24 hours [illegible] W. to N.
11th	40	66	50	S. W.	Clear	
12th	46	72	70	S. W. & W.	Clear	Wind varying during the day fr. W. to S. West 9 P.M. Fresh Westerly
13th	32	56	28	W. & W. N. W.	Cloudy	Wind variable blowing strong, mostly from W. N. W. at 9 P.M. North
14th	24	24	32	N. W.	Clear	Frost: Winds from the North & North-west during the last 24 hours
15th	44	34	38	S. W.	Clear	Frost: at 2 P.M. Clear, General frost during the 24 hours
16th	36	46	30	N. W.	Clear	Frost at 9 P.M. N. W. prevailing
17th	44	70	64	S. W.	Clear	Frost, Strong West at 9 P.M.
18th	46	72	60	W. S. W.	Clear	At 2 P.M. Cloudy at Sunset rain and during the night
19th	48	66	70	S. E.	Clear	Severe Frost during the night
20th	36	70	34	N		Frost: Clear at 2 P.M. Wind S. W. [illegible]
21st	26	70	36	E. S. E.	Clear	
22nd	36	70	36		Clear	
23rd	40	68	34		Cloudy	
24th	34	36	50	N.	Cloudy	rain during the night, [illegible]
25th	46	54	52	S.	Clear	
26th	38	66	62	E. S. E.	Clear	Considerable rain during the night. Wind light
27th	51	60	64	W. [illegible]	Cloudy	
28th	44	60	51	N. W. [illegible]	Clear	Winds heavy during the day
29th	38	60	41	N. E.	Clear	
30th	50	68	52	[illegible]	Clear	
31st	32	[illegible]	46	N. E.	Clear	

967	1664	1222
31.6	53.21	39.13

Hottest day 8th }
Coldest day 16th }

Weather
Fair 20
Cloudy 4
24 Prevailing Fair

Winds
S.W. 6
N.W. 5
W. 3
N.E. 7
N. 2
S. 1
24 Prevailing west

Diary of the Weather at Fort Winnebago November 1828

Dates		Thermometer 7 A.M.	2 P.M.	9 P.M.	Course of the Winds	Weather	Remarks
Nov.	1	42	58	55	N.	Cloudy	Rain during the night
"	2	45	56	54	N. W.	Cloudy	Rain most of the day, moderately
"	3	51	62	58	S. E	Cloudy	Continues to rain as yesterday
"	4	47	59	52	. E	Cloudy	Showers of rain during the night
"	5	43	54	50	N. W	Clear	
"	6	34	55	50	S. S. E	Clear	Considerable rain during the night
"	7	44	53	45	W.	Cloudy	
"	8	30	48	45	S. E	Cloudy	
"	9	40	55	46	S. E	Clear	
"	10	41	48	38	W.	Clear	
"	11	35	38	40	N. W.	Cloudy	
"	12	31	40	32	E.	Clear	
"	13	33	38	32	S E	Cloudy	Corpl. Wood dismissed as Hospital Steward and returned to company duty Commenced snowing at 7 and continued moderately
"	14	36	46	40	N.	Cloudy	through the day
"	15	38	48	40	S.	Cloudy	
	16	40	40	36	W.	Cloudy	

17	32	36	38	E.	Cloudy	Commenced snowing at 6 A.M. & continued melting till evening
18	38	40	42	S. E	Cloudy	Snow from 6 oclk & till Rain during the day
19	41	49	42	W.	Cloudy	
20	32	34	36	W.	Clear	
21	39	38	38	W.	Cloudy	
22	30	37	33	N. W.	Clear	
23	32	38	36	S. E	Cloudy	Mail arrived.
24	32	48	36	W.	Clear	
25	26	40	39	E N E	Clear	Rain commenced at 3 Oclk ~~[illegible]~~ night
26	36	38	48	E N E	Rain	Rain ~~continued~~ till 12 at night
27	33	42	46	S.	Clear	
28	33	36	34	W.	Cloudy	Snow during the night
29	32	36	38	S. W.	Cloudy	Snow squalls during the day
30	33	42	37	W.	Clear	
	1104	1372	1254			
	36.24	45.42	41.34			

Winds
S. 1
S.W. 1
S.E. 2
N.E. 2
E. 3
N.W. 4
W. 14
N. 2
30

Prevailing west

Weather
Cloudy 19
Fair 11
30
Prevailing cloudy

Diary of the Weather at Ft Winnebago December 1828

Date	Thermometer 7 A.M.	2 P.M.	9 P.M.	Winds	Weather	Remarks
Dec 1	38	46	50	S.S.E	Cloudy	
" 2	56	52	42	N.W.	Cloudy	Commenced Rain at 11 and continued incessantly till 10 eve
" 3	32	33	36	W.	Cloudy	Snowing continual till 7 evening
" 4	27	32	26	S.E	Fair	
" 5	19	32	31	S.S.E	Fair	
" 6	26	40	20	N.	Fair	
" 7	38	42	34	S.W.	Fair	
" 8	39	42	44	S.W.	Cloudy	
" 9	40	44	37	N.W.	Cloudy	
" 10	32	36	41	S.	Cloudy	
" 11	36	38	32	W.	Fair	
" 12	38	48	48	S.W.	Fair	
" 13	40	45	32	N.W.	Cloudy	Rain & Snow squalls
" 14	24	34	34	W.	Cloudy	
" 15	21	40	40	W.	Cloudy ½	

16	24	39	34	S. W.	Cloudy
17	18	16	24	W.	Fair
18	8	27	24	S.	Fair
19	26	46	40	S.	Fair
20	42	37	33	N. W.	Fair
21	16	20	22	N. W.	Fair
22	28	30	24	W.	Fair
23	23	28	34	S. W.	Fair
24	20	20	16	N. W.	Fair
25	12	36	33	S.	Fair
26	28	42	38	S. E	Fair
27	28	56	48	S	Fair
28	32	42	40	E	Fair
29	33	56	42	W.	Fair
30	20	22	13	N. W.	Fair
31	26	40	37	S.	Cloudy
	915	1157	1049		
Mean	29.15	37.20	33.16		

Weather		Winds	
Cloudy	11	S.	6
Fair	20	N.	1
	31	W.	8
Prevailing Fair		E.	1
		S. E.	4
		S. W.	5
		N. W.	6
			31

Prevailing west

Diary of the Weather at Fort Winnebago for January 1829

Dates	Thermometer 7	Thermometer 2	Thermometer 9	Winds	Weather	Remarks
Jany 1	25	22	18	N.	Cloudy	Light Snow
2	12	26	14	N. W	Cloudy	Mail arrived
3	02	18	17	E	Cloudy	
4	10	25	17	N. W	Fair	
5	20	41	47	S.	Fair	
6	50	55	36	S.	Fair	
7	24	42	36	S W	Fair	
8	24	28	18	S W	Fair	
9	04	09	00	N W	Fair	
× 10	04	14	12	N W	Fair	
11	12	30	26	E	Fair	
12	26	38	32	E	Cloudy	Commenced Snow at 10 AM and continued Snow till 2 P.M
13	28	45	36	N. E	Fair	Light Snow during the Night
14	33	34	32	S. W	Cloudy	
15	32	40	30	S.	Cloudy	

N. – 2
NW – 8 Prevailing
E – 4
S – 3
W – 5
SE – 2
NE – 3
SW – 4
31

16	21	21	24	W.	Cloudy	
17	10	31	27	W.	Fair	
18	18	42	28	E.	Fair	
19	17	46	32	S. E.	Fair	
20	27.	33.	24	S.	Cloudy	
21	14	38	30.	[illegible]	Fair	Frost
22	30	32	34.	W.	Cloudy	Ligth Snow During the Nigth
23	30	36	35	N. W.	Cloudy	
24	27	40	34	S.	Cloudy	
25	27	40	26	S. E.	Cloudy	
26	21	30	18	S. W.	Cloudy	
27	18	20	07	S. W.	Cloudy	
28	05	24	18	S. E.	Cloudy	
29	04	27	16	N. W.	Fair	
30	14	32	24	N. E.	Cloudy	
31	11	34	30	N. E.	Cloudy	
	600	[illegible]	780			
	600	1000	780			Hottest day 6th
	9					Coldest Day 10th
	591	1000	780			

Diary of the weather at Fort Winnebago for the Month of February 1829

Dates		thermometer 1 AM	 2 PM	 3 PM	Course of Wind	Weather	Remarks
1	H	30	36	30	N. E.	cloudy	Snow During the Night
2	H	10	44	12	N. W.	cloudy	Frost During the Night
3	H	29	14	11	N. E.	Frosty	Frost
4	H	16	19	02	N.	Fair	Frost
5	H	10	20	15	S.W.	Fair	Light Snow During
6	H	20	44	36	S. W.	cloudy	
7	H	12	21	18	N. W.	cloudy	
8	H	10	14	06	N. W.	cloudy	Commenced Snow the 5 P.M Continued During the Night
9	H	26	04	16	W.	Fair	
10	H	29	10	02	E	cloudy	
11	H	20	00	09	S. W.	Fair	
12	H	18	12	00	S. W.	Fair	
13	H	09	10	02	W.	Fair	
14	H	07	20	06	W	Fair	

Jany

N. — 1
N W — 7 [illegible]
Commenced N E — 2
E — 4
S E — 2
S
S W — 5
W 7
28

	H						
15	H	01	30	28	S..E	Fair	Light Snow During the Night
16	H	14	18	08	S..W..	cloudy	
17	H	06	12	02	W. .	Fair	Light Snow During the Night
18	H	02	24	06	.W..	cloudy	
19	H	14	34	12	.E..	cloudy	Snow During the Day Snow during the Night
20	H	04	19	08	.S.W..	cloudy	
21	H	04	16	16	.E..	cloudy	
22	H	00	18	02	.W..	Fair	
23	H	02	21	18	.E..	Fair	
24	H	26	54	40	.S.E..	cloudy	Light Snow During the Night
25	H	30	28	22	.N..W..	cloudy	
26	H	02	20	10	.N..W	Fair	
27	H	06	20	12	.N..W	Fair	
28	H	04	26	18	.N..W..	Fair	
		[illegible]	[illegible]	[illegible]			
		~~[illegible]~~	~~[illegible]~~	~~[illegible]~~			
		14	610	265	Hottest day the 24 Coldest day the 9th		

Diary of the Weather at Fort Winebago for the Months of March 1829

Dates	Thermometer 7 A.M	Thermometer 2 P.M	Thermometer 9 P.M	Course of wind	Weather	Remarks
1 th	06	32	20	W	Fair	
2 th	04	42	36	E	Fair	Rain During the Night
3 th	44	52	36	S	Cloudy	Rain During the Day
4 th	26	44	36	W	Fair	
5 th	28	45	34	S	Fair	
6 th	28	46	34	E	Fair	Snow During the Night
7 th	38	44	40	S	Cloudy	Light Snow and Rain During the Day
8 th	30	54	40	S..W	Fair	
9 th	38	54	48	E	Cloudy	
10 th	32	42	36	N..W	Fair	
11 th	28	30	24	N..W	Cloudy	Commences Snow at 1 A.M continued Snow During the Day
12 th	22	32	26	W	Cloudy	
13 th	20	50	16	W	Cloudy	Light Snow During the Night
14 th	08	32	24	W	Fair	Snow during the Night
15 th	24	18	22	N	Cloudy	

Corpl. Lewis Was Relieved from Extra Duty And Returned to Duty In the Company March 19th 1829

16 th	20	18	20	N. W.	Fair	
17 th	11	44	28	W.	Cloudy	
18 th	16	35	22	S.	Fair	
19 th	20	43	26	E	Cloudy	
20 th	15	32	23	W.	Clear	
21 th	18	28	26	N.	Fair	
22 th	24	33	24	S. E	Cloudy	Light snow
23 th	20	33	22	W.	Fair	
24 th	24	44	26	E.	Cloudy	
25 th	14	51	38	N.	Fair	
26 th	32	55	40	S. E	Cloudy	
27 th	37	64	40	S. E	Coloudy	
28 th	47	64	50	E	Cloudy	
29 th	44	44	40	S	Cloudy	
30 th	36	63	44	S. W	Cloudy	
31 th	36	70	50	S. E	Fair	
	[illegible]	1344	991			

N	3
N W	3
N E	
E	6
S E	4
S	5
S W	2
W	8 prevailing
	31

Diary of the Weather at Fort Winebago for the Month of April 1829

Dated.	Thermometer 7 A.M.	2 P.M.	9 P.M.	Winds.	Weather	Remarks
1st.	44	40	39	W	Cloudy	Roath relieved Wood as Hosp. Steward Moderate rain through the night. Continued 24 hours
2nd.	37	45	33	N. W.	Cloudy	
3rd.	32	53	38	W.	Cloudy	
4th.	28	59	40	E.	Fair	
5th.	33	44	40	N. W.	Cloudy	
6th.	30	56	46	W	Fair	
7th.	45	57	47	S. W	Cloudy	Moderate showers of rain
8th.	47	46	40	E	Cloudy	Rain continued as yesterday, till evening, then heavy through
9th.	37	38	34	N	Cloudy	the night. Rain and Snow through the day.
10th.	33	38	34	W	Cloudy	Rain and Snow through the day. principally Snow
11th.	34	42	38	N. W.	Cloudy	Rain continued through the day moderately
12th.	33	58	43	N. W.	Fair	
13th.	32	56	44	N. W.	Fair	
14th.	33	67	60	E	Fair	
15th.	46	70	61	S	Fair	

16th	38	47	38	N. W.	Cloudy	Snow through the Day		
17th	32	62	52	S.	Cloudy			
18th	44	70	60	W.	Cloudy	Shower of rain this morning with thunder		
19th	51	53	41	N. W.	Cloudy	Showers of rain through the Day and snow the night		
20th	34	48	38	W.	Cloudy			
21st	30	58	44	W.	Fair		N	2
22	42	47	39	N.	Cloudy	Showers of Rain through the Day	N. W	9 prevailing
23	34	50	43	W.	Fair	Snow through the night	N. E	
24th	26	45	32	N. W.	Fair	N	E	4
25th	27	49	40	N. W.	Fair	N	S. E	
26th	37	68	52	S.	Fair		S	6
27th	42	81	67	S.	Fair		S. W	1
28th	59	82	73	S.	Fair		W	8
								30
29th	66	84	58	S.	Fair	Showers of Rain and Thunder in the afternoon		
30th	47	78	56	C.	Cloudy	Swallow		
	1153	1692	1370					

Diary of the Weather at Fort Winnebago for the Month of May 1829.

Dates	Thermometer 7 A.M.	 2 P.M.	 9 Nt.	Winds	Weather	Remarks		
1	41	70	51	E.	Fair		N	3
2	40	67	52	N.	Fair		N W	4
3	35	65	55	N.	Fair		N. E	
4	36	71	58	N.	Fair		E	3.
5	44	78	63	W.	Fair		S E	
6	48	88	66	E.	Fair		S	10 [illegible]
7	48	66	53	W.	Fair	Showers of Rain in the afternoon	S W	3
8	44	52	50	N. W.	Cloudy		W	8
9	40	50	47	N. W.	Cloudy	Showers of Rain through the Day		31
10	33	60	54	W.	Cloudy			
11	42	47	38	N. W.	Cloudy	Showers of Rain through the 24 hours		
12	27	62	50	W.	Fair			
13	33	77	60	S. W.	Fair			
14	61	59	54	E.	Cloudy	Showers of Rain through the Day		
15	62	56	50	W.	Cloudy			
16.	41	77	64	W.	Fair			

17	48	84	70	S.	Fair	Rain through the Night
18	64	75	65	W.	Fair	
19	54	83	64	W.	Fair	
20	48	87	72	S.	Fair	
21	64	93	69	S.	Fair	
22	60	96	75	S.W.	Fair	
23	68	88	72	S.	Cloudy	Showers of rain and thunder through the Day
24	69	86	70	S.	Cloudy	Showers of rain and thunder through the Day.
25	58	90	70	N.W.	Fair	
26	68	94	74	S.	Fair	
27	67	94	72	S.	Cloudy	Showers of rain and thunder through the Day
28	70	84	71	S.	Cloudy	Showers of rain and thunder through the Day
29	66	95	80	S.W.	Fair	
30	68	94	73	S.	Fair	
31	67	99	72	S.	Fair	
	1634	2391	1931			

Diary of the Weather at Fort Winnebago for the month of June 1829

Dates	Thermometer			Winds	Weather	Remarks	
	at 7 A.M.	at 2 P.M.	at 9 P.M.				
1st	68	96	70	S.	Fair		
2nd	72	94	74	S.W.	Fair	Showers of Rain in the afternoon	
3rd	70	92	71	N.W.	Fair		N
4th	71	97	72	E.	Fair		N W 3
5th	68	94	70	E.	Fair	Rain through the night	N E
6th	69	87	65.	W.	Fair		E 2
7th	48	70	47.	W.	Fair		S E 3
8th	40	74	65.	W.	Fair		S 3
9th	46	78	64.	S.E.	Fair		S W 13/[illegible]
10th	47	80	58	S.	Fair		N 6
11th	52	87	61.	S.	Fair		30
12th	58	91	64	S.W.	Fair		
13th	62	88	50	S.W.	Cloudy	Showers of Rain and Thunder in the afternoon	
14th	47.	90	52.	W.	Fair.		
15th	56.	92	60	S.W.	Fair		
16th	60	91	65.	S.W.	Fair	Showers of Rain and Thunder in the afternoon	

17th	54	75	59	S.W.	Fair	
18th	50	80	74	S.W.	Fair	
19th	68	70	68	S.W.	Cloudy	Rain through the Day
20th	53	76	66	S.W.	Fair	
21st	60	80	68	S.W.	Fair	
22nd	63	84	75	S.W.	Cloudy	Showers of Rain and thunder in the afternoon
23rd	66	76	70	S.W.	Fair	
24th	68	80	74	S.W.	Fair	
25th	64	70	67	S.E.	Cloudy	Showers of Rain in the Morning & heavy Rain through the night
26th	60	72	58	S.E.	Cloudy	Showers of Rain through the Day
27th	58	84	64	W.	Cloudy	
28th	52	76	65	W.	Fair	
29th	50	74	67	N.W.	Fair	
30th	47	71	68	N.W.	Fair	
	1746	2371	1941			
	58.6	79.21	64.21			

30) 1941 / 64

Diary of the Weather at Fort Winnebago For the Month of July 1829

Dates	Thermometer			Winds	Weather	Remarks
	7 Am.	2 Pm.	9 Pm			
1st	40	80	67	W	Fair	
2d	51	72	62	S.E.	Cloudy	Showers of Rain and Thunder Throug the Day
3d	45	64	56	N	Cloudy	
4th	57	68	67	E	Fair	
5th	60	70	68	W	Fair	
6th	64	76	73	W	Fair	
7th	61	80	69	S	Cloudy	Showers of Rain in the morning
8th	65	82	70	W	Fair	
9th	68	81	72	W	Fair	
10th	70	84	74	W	Fair	
11th	73	80	70	W	Fair	
12th	58	76	66	W	Fair	
13th	68	81	70	S.W	Fair	
14th	71	85	72	S.W	Fair	William Wyman of Comp. K Hosp Attendant
15th	70	76	71	S	Cloudy	Showers of Rain in the morning

16th	67	72	65	C	Cloudy	Showers of Rain in the Morning
17th	63	74	72	S	Cloudy	Rain During the Day
18th	60	78	74	W	Fair	
19th	57	80	75	W	Fair	
20th	68	82	72	S	Fair	
21st	70	84	76	W	Fair	
22nd	65	80	76	W	Cloudy	Showers of Rain During the Day
23rd	60	72	67	N E	Fair	
24th	64	73	71	S E	Fair	
25th	70	78	70	S	Fair	
26th	72	82	73	S	Cloudy	
27th	70	77	69	S	Fair	
28th	68	70	70	S E	Fair	
29th	70	76	71	W	Fair	Showers of Thunder and Rain in the Night
30th	71	75	68	N W	Cloudy	Showers of Rain in the Morning
31st	63	67	64	N	Fair	
	1997	2391	2164			
	64.13	77.4	69.5			

N	2
N W	1
N E	1
E	2
S E	3
S	7
S W	2
W	13 prev.
	31

Diary of the Weather at Fort Winnebago for the Month of August 1829

Dates	Thermometer 7 Am	2 Pm	9 Pm	Winds	Weather	Remarks
1st	68	72	74	S.	Cloudy	
2nd	70	76	70	S.	Cloudy	Heavy Rain through the Day
3rd	67	70	68	W.	Fair	
4th	68	72	70	S.	Fair	
5th	67	76	72	S.	Fair	
6th	68	80	73	S.	Fair	
7th	66	76	74	S.E.	Fair	
8th	70	76	72	S.	Cloudy	
9th	71	84	73	W.	Fair	
10th	70	76	71	E.	Fair	
11th	68	77	70	W.	Fair	
12th	69	82	72	S.	Fair	
13th	70	80	71	W.	Fair	
14th	68	76	70	S.	Cloudy	Showers of Rain and thunder in the morning
15th	67	76	72	S.	Fair	

N	
NW	1
NE	
E	3
SE	2
S	11
SW	2
W	12 prev.
	31

16th	64	77	71	E	Fair	
17th	67	72	64	N.W.	Fair	
18th	59	71	65	W.	Fair	
19th	60	70	67	W.	Fair	
20th	63	74	68	W.	Fair	
21th	64	76	66	S.W.	Fair	
22th	67	80	64	W.	Fair	
23th	65	74	67	W.	Fair	
24th	63	70	66	S.	Cloudy	Showers of Rain and Thunder During 24 Hours
25th	61	68	65	E.	Cloudy	
26th	56	69	64	S.E.	Fair	
27th	60	70	65	W.	Fair	
28th	63	72	70	W.	Fair	
29th	65	80	73	W.	Fair	
30th	73	82	74	S.	Cloudy	
31th	75	85	76	S.W.	Fair	Major Twiggs went to Green Bay Major Beals Detten Comman
	[illegible]	[illegible]	[illegible]			
	2049	2628	2257			
	66.3	84,24	72.25			

Dairy of the Weather at Fort Winebago for the Month of September 1829

Dates	Thermometer			Winds	Weather	Remarks
	7 Am	2 Pm	9 Pm			
1th	70	80	76	S.W.	Fair	
2d	61	68	64	N.W.	Fair	
3th	60	67	65	N.W.	Fair	
4th	61	67	64	S.	Cloudy	Rain in the Morning
5th	65	71	68	S.	Cloudy	Rain During the Day
6th	64	68	61	N.W.	Cloudy	
7th	57	67	59	W.	Fair	
8th	54	65	62	W.	Fair	
9th	55	67	64	W.	Fair	
10th	53	65	60	N.W.	Cloudy	Showers of Rain in the afternoon
11th	48	57	53	W.	Fair	Rain in the afternoon
12th	57	60	52	W.	Cloudy	
13th	51	55	51	W.	Cloudy	
14th	52	62	55	W.	Cloudy	
15th	54	58	48	W.	Cloudy	Showers of rain in the Afternoon.

16th	38	64	50	N.	Fair	
17th	40	69	53	N.	Fair	
18th	43	67	59	N.	Fair	
19th	60	66	63	S.	Cloudy	Rain During the Day
20th	64	74	75	S.E.	Cloudy	Rain During the Day
21st	74	80	70	N.	Cloudy	
22nd	64	60	63	N.E.	Cloudy	Rain During the Day
23rd	64	84	73	S.	Cloudy	
24th	71	83	65	N.	Cloudy	Rain in the Morning
25th	54	65	56	N.	Fair	
26th	42	62	54	N.	Fair	
27th	39	64	54	N.	Fair	
28th	59	62	58	S.E.	Cloudy	Rain During the Day
29th	56	74	54	N.	Cloudy	
30th	46	64	50	N.	Fair	
	1688	2033	1779	Total no. of degrees		
	56.8	67.33	59.39			

N	1
N W	4
N E	1
E	
S E	2
S	4
S W	1
W	17 Dew.
	30

Diary of the Weather at Fort Winnebago for the month of October 1829

	Thermometer					
Dates	7 A.M.	2 P.M.	9 P.M.	Winds	Weather	Remarks
1	37	70	58	W.	Fair	N 3
2	54	78	63	S.	Fair	N W 2
3	56	68	53	W.	Fair	N E
4	48	68	50	S.W.	Fair	E 5
5	48	70	53	E.	Fair	S E
6	52	67	63	S.	Cloudy	Rain During the Day S 7
7	63	68	64	W.	Cloudy	S W 6
8	62	74	63	E.	Cloudy	W 8 [illegible]
9	64	70	70	E.	Cloudy	Showers of Rain and thunder 31 During the Day
10	67	62	58	S.W.	Fair	
11	52	60	42	N.W.	Cloudy	
12	54	69	58	W.	Fair	
13	48	70	54	W.	Fair	
14	58	70	58	W.	Cloudy	
15	60	74	59	W.	Fair	

16	48	77	60	S.	Fair	
17	56	70	62	W.	Fair	Through the Day -- Rain at night –
18	62	70	60	S.	Cloudy	Showers of Rain During the Day – high Winds at night
19	36	42	36	S. W.	Cloudy	High winds through the day.
20	33	48	40	S. W.	Cloudy	
21	44	54	55	S. W.	Cloudy	
22	54	67	64	S.	Cloudy	High Winds through the Day
23	60	61	58	W.	Cloudy	Showers of Rain During the Day. thunder & Lightning at Evening
24	64	70	68	S.	Cloudy	Thunder Showers of Rain constant through the Day
25	34	45	34	S. W.	Fair	Except some flying Clouds During the Day, high winds at E
26	25	56	40	S. W.	Fair	
27	38	68	58	S. W.	Fair	
28	46	62	44	N. W.	Fair	
29	32	54	49	S.	Cloudy	
30	39	46	40	N. E.	Cloudy	Snow During the Day
31	40	44	38	N.	Cloudy	Snow During the after noon
	1324	1962	1671	Total No of degrees		
	42.5	63.9	53.93			

W — 8
S — 7
SW — 8
E — 3
N — 3
NW — 2
31

Cloudy 10
Fair — 15 } 31 days
Rain 6 day

Prevailing W.

Hotest day 9th
Coldest day 25th

Diary of the Weather for the month of November, 1829, at Fort Winnebago.

Dates	Thermometer 7 A.M.	Thermometer 2 P.M.	Thermometer 9 P.M.	Winds	Weather	Remarks
1	34	49	36	N.	Cloudy	Mixture of Snow and Rain at night
2	40	53	42	N.	Cloudy	
3	32	48	34	N.W.	Cloudy	Morning. — — Clear afternoon and pleasant —
4	55	52	48	S.	Cloudy	
5	45	46	45	N.E.	Cloudy	Mist of Rain during the afternoon
6	40	49	44	S.W.	Cloudy	
7	46	57	45	N.W.	Cloudy	High winds through the day
8	38	40	39	N.	Cloudy	Mixture of Snow and Rain During the day —
9	42	35	30	N.E.	Cloudy	Mixture of Snow and Rain During the day
10	23	22	16	N.W.	Cloudy	Snow during the Morning
11	18	22	14	N.W.	Cloudy	Snow during the Morning
12	14	27	17	N.W.	Cloudy	
13	24	33	34	S.W.	Cloudy	Light Snow in the morning
14	25	43	27	N.W.	Fair	Some flying clouds quiet at night

15	31	42	38	S.	Cloudy	Shower of Rain at night
16	36	39	33	N. W.	Cloudy	Mixture of Snow and Rain during the day
17	36	46	47	S. E.	Cloudy	Shower of Rain during the after noon
18	30	20	14.	N. W.	Cloudy	Snow during the day
19	4.	17	15	N. W.	Cloudy	
20	22	26	13	N. W.	Cloudy	
21	10	20	20	N. W.	Cloudy	Snow during the night.
22	22	24	24	N. E.	Cloudy	Snow throughout the day
23	10	16	0.	N. W.	Fair	
24	8	32	24	S. W.	Cloudy	Light Snow in the morning
25	24	22	5	N. W.	Cloudy	
26	4	23	16	S. W.	Fair	
27	13	44	40	S. W.	Cloudy	
28	40	44	38	S. W.	Cloudy	
29	36	42	30	S. W.	Fair	Snow during the night
30	37	37	32	N. W.	Cloudy	Light Snow during the morning
	836	1089	844	Total No. of degrees		
	27.26	36.9	28.24	Mean		

Winds.		Weather	
N.	3		
N.W.	15		
S.	2		
N.E.	3		
S.W.	6	Cloudy	26
S. E.	1	Fair	4
	30		30

Hottest day, 7th

Coldest day 28th

Prevailing N.W.

Rain 7 days

Snow 13 "

Diary of the Weather for the month of December 1829 at Fort Winnebago

Dates	Thermometer 7 A.M.	 2 P.M.	 9 P.M.	Winds	Weather	Remarks
1	40	46	31	N. W.	Cloudy	
2	12	15	13	N. W.	Fair	
3	19	30	28	N. E.	Cloudy	
4	34	38	38	N. W.	Cloudy	
5	36	40	42	S. W.	Cloudy	Mist of rain through the day. Rain at night.
6	54	53	56	S. W.	Cloudy	Showers of rain through the day
7	34	32	28	N. W.	Cloudy	
8	16	25	20	N. W.	Cloudy	
9	14	32	19	N. W.	Fair	
10	23	40	40	S.	Cloudy	
11	42	49	27.	N. W.	Cloudy	Showers of rain through the day
12	10	29	26	N. W.	Fair	
13	19	36	36	S. W.	Cloudy	
14	38	47	43	S. W.	Cloudy	
15	16	28	18	W.	Fair	

16	18	36	26	W.	Fair	
17	18	38	32	S. W.	Fair	
18	30	44	40	S. W.	Cloudy	
19	33	47	40	W.	Fair	
20	28	55	50	W.	Fair	
21	30	34	28	S. W.	Cloudy	
22	15	34	28	S. W.	Cloudy	
23	38	44	50	S. E.	Cloudy	Light rain throughout the day
24	32	45	35	N. W.	Fair	
25	33	48	32	N. W.	Fair	
26	26	42	30	N. W.	Fair	
27	32	41	36	S. W.	Cloudy	
28	35	41	40	S. E.	Cloudy	
29	44	50	51	S. W.	Cloudy	Mist of rain during the night
30	53	35	26	N. W.	Cloudy	
31	17	32	24	N. W.	Fair	
	891	1212	1036	Total no. of degrees.		
	28.32	39.3	33.13			

N	
N W	12 days
N E	1
E	
S E	2
S	1
S W	11
W	4
	31

Diary of the Weather for the month of January 1830, at Fort Winnebago. M.T.

	Thermometer					
	7	2	9			
Dates	A.M.	P.M.	P.M.	Winds	Weather	Remarks.
1	34	40	30	W.	Fair	
2	24	42	36	S. W.	Cloudy	
3	42	30	22	N. W.	Fair	High Winds throughout the day
4	10	20	15	N. W.	Fair	
5	10	26	23	N. W.	Fair	
6	24	37	36	W.	Fair	
7	26	38	25	N. W.	Fair	
8	16	30	32	S. W.	Fair	
9	37	42	28	S. W.	Cloudy	
10	4	17	6	N. W.	Fair	
11	1	14	16	N. W.	Fair	
12	24	32	20	W.	Fair	
13	26	40	30	N. W.	Fair	
14	20	34	30	S. W.	Fair	
15	22	40	38	S. W.	Cloudy	

16	20	24	.8	N. W.	Fair	
17	0.	10	.2	N.	Cloudy	
18	10	26.	26	S. W.	Cloudy	Shower of Rain during the night
19	38	42.	31	S. W.	Cloudy	
20	22	21.	.8	N. W.	Fair	
21	10	27.	38	S. W.	Cloudy	Light Snow during the night
22	16	7.	.8	N.	Cloudy	Snow during the day
23	0.12	0.	0.2	N. W.	Fair	Snow during the night
24	0.	20.	.6	S. E.	Cloudy	Snow during the morning
25	.8	15.	0.2	N. W.	Fair	
26	0.12	14.	1.0	S. E.	Cloudy	
27	.6	19.	.5	N. W.	Fair	
28	.6	16.	.2	N. W.	Fair	
29	.6	14	0.2	N. W.	Fair	
30	0.12	14.	.6	S. E.	Fair	Snow during the night.
31	16	33	26	S. W.	Fair	
	514	301	278	Total no of degrees		
	16.18	35.24	18.20	Mean		

Winds		Weather	
W.	2	Fair	21
S. W.	9	Cloudy	10
N. W.	14 prev.		31
S. E.	3		
N.	3		
	31		

Diary of the Weather for the month of February 1830, at Fort Winnebago M.Ty

	Thermometer					
	7	2	9			
Dates.	A.M.	P.M.	P.M.	Winds	Weather.	Remarks.
1	2.	11.	14.	W.	Fair.	
2	6.	24.	19.	S.	Fair	
3	27.	17	6	W.	Cloudy.	
4.	0.4	8.	0.2.	W. ..	Fair	
5	0.14	0.1.	0.6.	W.	Fair.	
6	0.16	25	10	E.	Fair.	
7	11	23	18	S. W.	Cloudy ..	Light snow during the day
8	4	32	30.	S. E. ..	Fair ..	
9	36	47	38	S. ..	Fair ..	the Morning Clouds and High Wind through the day
10	27	20	10	W.	Fair ..	
11	7.	32	30	S. W. ..	Fair ..	
12	32	46	37	N. E. ..	Fair ..	
13	24	40	36	S. E. ..	Fair ..	
14	32	40	42	S. W. ..	Fair ..	

15	36	44	42	W. ..	Fair ..	
16	34	44	38	N. E. ..	Cloudy ..	Light Rain through the Day.
17	35	36	31	W. ..	Cloudy ..	Light Snow during the Morning.
18	29	40	37	E. ..	Fair ..	
19	42	51	47	W. ..	Cloudy ..	Rain during the day
20	32	44	37	W. ..	Fair ..	
21	24	36	30	W. ..	Fair ..	
22	18	37	30	W. ..	Fair.	
23	31	48	41	S. W.	Fair.	Light Snow during the Night
24	34	40	33	W.	Fair.	
25	21	36	28	S. W.	Fair.	
26	20	44	37	W.	Fair.	
27	22	47	32	N. E.	Fair.	
28	30	4[illegible]	39	S. E.	Cloudy	Hail during the day
	630	997	800	Total no of degrees		
	22.14	35.17	28.25	Mean		

Winds			Weather	
W.	13	prev		
S.	2		Fair	22
E.	2		Cloudy	6
S. W	5			28
S. E.	3			
N. E.	3			
	28			

Diary of the Weather for the Month of March 1830. at Fort Winnebago M.T.

	Thermometer					
Dates.	7 A.M.	2 P.M.	9 P.M.	Winds	Weather	Remarks
1.	42	44	30	S. W.	Cloudy	Light Snow at night
2	24	38	26	N. W.	Fair	
3	22	41	34	S. W.	Fair	
4	36	56	42	S. W.	Fair	Light Shower of Rain at night.
5	44	45	40	S. W.	Cloudy	Showers of Rain throughout the day
6	40	44	32	N. E.	Cloudy	Mist of Rain throughout the day. hail. and Snow (high wind) at night.
7	26	28	24	N.	Cloudy	Snow during the day. high winds throughout the day
8	11	32	22	N. W.	Fair	
9	14	40	32	S. W.	Cloudy	
10	30	38	28	N. E.	Cloudy	Snow during the afternoon. and continued through the night
11	16	52	20	N. W.	Fair	Rain during the night
12	32	38	36	N. E.	Cloudy	Showers of Rain throughout the day. Thunder gust at night
13	30	27	24	S. W.	Cloudy	Snow during the day. high winds. throughout the day
14	14	41	27	N. W.	Fair	

15	22	53	38	N. E.	Fair	Rain during the night		
16	37	43	37	S. W.	Cloudy	Rain during the morning — Clear at night.		
17	32	37	36	W.	Cloudy —	Rain during the morning ~~then~~ turned to Snow - Clear at night		
18	26	44	38	S. W.	Fair			
19	40	60	58	S.	Cloudy	Rain at night - thunder gust		
20	56	62	54	S. W.	Cloudy	Rain during the day. Clear at night.		
21	40	60	47	W.	Fair	Rain during the night.		
22	30	26	26	N.	Cloudy	Hail during the morning. Snow throughout the day. Blustry		
23	22	46	31	N. W.	Fair			
24	32	48	37	S.	Fair		N	3
25	36	56	40	N.	Fair		NW	5
26	34	58	42	S.	Fair		NE	4
27	42	58	46	S. W.	Fair	High winds throughout the day	E	
28	34	66	54	S. E.	Fair.		SE	2
29	52	62	48	S. W.	Fair	High winds throughout the day	S	3
30	48	54	42	S. W.	Fair	High winds throughout the day	SW	12 prev'g
31	36	50	38	S. E.	Cloudy	Light Rain - during the day — Rain during the night	W	2
	103	145	109	Total no. of degrees				31
	30.10	40.19	30.46					

Diary of the Weather at Fort Winnebago for the Month of April 1850.

Dates	Thermometer			Winds	Weather	Remarks
	7 A.M.	2 P.M.	9 P.M.			
1st	34	44	42	N. W.	Fair	
2nd	32	58	46	S. E.	Fair	
3rd	40	63	58	S. E.	Fair	
4th	52	72	66	S. E.	Fair	
5th	60	80	78	S.	Cloudy	Thunder with Sharp lightning during the evening Light Rain during the night
6th	61	60	56	S. E.	Cloudy	Moderate Rain throughout the day
7th	48	54	60	S. E.	Cloudy	Moderate Showers of Rain during the day. heavy Shower 9 P.M. continued the night
8th	58	64	60	S. E.	Cloudy	Moderate Showers of Rain during the morning. heavy Shower 11 A.M. Rain at night
9th	46	52	40	S. W.	Cloudy	Light Rain during the day
10th	34	44	50	N. W.	Cloudy	
11th	48	55	52	S. E.	Cloudy	Light Rain during the morning
12th	42	58	52	S. E.	Cloudy	Thunder during the day
13th	45	72	58	S. E.	Fair	
14th	54	73	62	S. E.	Fair	Thunder Shower 9 A.M. Rain during the night
15th	43	60	56	S. E.	Cloudy	
16th	46	76	62	S. E.	Fair	
17th	50	80	62	S. E.	Fair	

18th	52	52	65	S.		Fair	
19th	55	79	68	S.		Fair	
20th	62	69	62	S.	E.	Cloudy	Rain during the day Thunder Shower 5 P.M.
21st	62	73	62	S.	W.	Fair	
22nd	54	62	56	N.	E.	Cloudy	Light Rain during the day
23rd	42	54	48	N.	E.	Cloudy	Thunder Shower during the night: heavy thunder with sharp lightning & hail
24th	46	60	56	S.	E.	Cloudy	Showers of Rain. throughout the day. considerable thunder & Lightning
25th	50	53	42	S.	W.	Cloudy	Showers of rain throughout the day - thunder A.M.
26th	36	56	44	S.	E.	Fair	
27th	47	70	62	S.	E.	Fair	
28th	56	74	65	S.	E.	Fair	
29th	63	74	61	N.	E.	Fair	
30th	64	78	83	S.		Cloudy	Thunder Showers 4 o'clock P.M. continued the night
	1492	1841	1789	Total degrees			
	49.22	61.11	58.19	Mean temperature			

30)1492
49

93
6
30)1932
64

N. W 2
S. E 18 fuming
S. 4
S. W 3
N. E 3
30

Hotest day. 5th
Coldest day. 1st

Diary of the Weather at Fort Winnebago for the month of May 1830

Dates	Thermometer 7 AM	Thermometer 2 PM	Thermometer 9 PM	Winds	Weather	Remarks
1th	55	70	61	S. W.	Fair	
2th	50	74	64	S. W	Fair	
3th	64	52	66	S. W.	Cloudy	Light thunder Showers 7 P.M.
4th	48	54	50	N. E.	Cloudy	Showers of rain throughout the day with much thunder hail & P.M.
5th	42	44	44	N. W.	Cloudy	Showers of Rain during the day Shower of hail 11 Oclock with thunder
6th	46	62	52	N. W.	Fair	
7th	50	68	58	N. W	Cloudy	Light Rain during the night
8th	57	68	62	N. E.	Cloudy	
9th	64	74	62	S. E.	Cloudy.	
10th	64	78	65	S. E.	Cloudy	
11th	74	90.	72	S.	Cloudy	Showers of Rain at night Thunder at a distance
12th	70	82	74	S. W	Fair	Heavy thunder Shower about mid night hail the size of a walnut.
13th	64	75	64	. W	Fair	
14th	56	70	61	N. W	Fair	
15th	54	74	62	N. E	Fair	
16th	56	64	56	S. E	Cloudy	

17th	55	74	70	N. W.	Fair	
18th	62	65	60	S. W.	Cloudy	Rain during the day high wind
19th	59	62	48	W.	Cloudy	Rain during the day high wind
20th	49	60	50	W.	Cloudy	Heavy frost during the night.
21th	50	58	54	W.	Fair	Heavy Frost during the night.
22th	40	65	55	W.	Fair	
23th	55	72	60	W.	Fair	Light frost during the night.
24th	52	70	56	N. E.	Fair	Light Frost during the night
25th	61	73	62	S.	Fair	
26th	60	70	62	S. E.	Cloudy	Shower of Rain 5 oclock P. M. Thunder.
27th	65	80	68	S. W.	Cloudy	
28th	66	83	67	S. W.	Cloudy	Rain during the day
29th	64	74	58	N.	Cloudy	Thunder Shower of Rain 1 oclock P.M. – Frost during the night
30th	50	71	55	N. E.	Fair	
31th	48	56	54	N. E.	Cloudy	Rain during the day
	1740	2235	1634	Total no. of degrees.		
	56.14	[illegible]	52.7	Mean		
			52.67			

N. W	5	Fair 14
S. W	7 Heavy	Cloudy 17
N. E	6	31
S. E	4	
S.	2	
W	6	
N.	1	

Diary of the Weather at Fort Winnebago for the month of June 1830

Date	Thermometer 7 A.M.	 2 P.M.	 9 P.M.	Wind	Weather	Remarks
1	56	66	60	N. W.	Cloudy	Showers of Rain during the day
2	57	72	64	S. W.	Fair	Rain during the night
3	60	74	66	N. E.	Cloudy	Rain during the day
4	68	76	67	S. W.	Fair	
5	66	67	69	S. E.	Cloudy	Rain during the day
6	65	69	52	N. W.	Cloudy	Rain during the day
7	54	71	63	N. W.	Fair	
8	64	70	68	N. E.	Cloudy	Thunder Showers of Rain during the day – Shower of hail 7 P.M.
9	61	69	62	N. W.	Cloudy	
10	60	79	67	N. E.	Fair	
11	62	84	70	N. E.	Fair	
12	66	84	77	W.	Cloudy	Thunder Showers of Rain during the day
13	72	88	79	W.	Fair	
14	77	96	83	S. W.	Fair	

15th	80	[illegible]	82	S.W.	Fair	
16th	68	79	69	S.W.	Fair	
17th	66	81	73	S.W.	Fair	
18th	61	60	68	N.E.	Cloudy	Rain commenst 11 A.M continued throughout the day — & night thunder
19th	63	78	68	S.W.	Cloudy	Rain continued heavy thunder untill 10 A.M - Thunder Shower 4 P.M. —
20th	62	71	64	N.	Cloudy	Rain during the day
21st	62	79	69	N.W.	Fair	
22d	62	81	69	N.W.	Fair	
23d	66	85	74	N.W.	Fair	
24th	72	84	74	S.W.	Cloudy	Light Thunder Showers of Rain during the day
25th	72	82	77	S.W.	Cloudy	Rain during the day
26th	70	87	83	N.W.	Fair	
27th	69	79	72	N.W.	Fair	
28th	68	84	71	N.E.	Fair	
29th	72	86	76	N.W.	Fair	
30th	75	89	79	N.W.	Fair	
30/	1988	2313	1815	Total no. of degrees		
	66.3	77.2	60.5	Mean		

N.W.	12 days		Hottest day	26th
S.W.	8		Coldest "	1st
N.E.	6			
N.S.				
S.E.	1			
W.	2			
N.	1			
	30			

Diary of the Weather for the month of July 1830 at Fort Winnebago M. Ty

Date	Thermometer 7 A.M.	Thermometer 2 P.M.	Thermometer 9 P.M.	Winds	Weather	Remarks
1	80	97	73	S. E.	Cloudy	Rain during the afternoon considerable thunder. Rain during the night
2	76	88	78	S. W.	Cloudy	Rain heavy thunder Shower 5 & 6 oclock A.M
3	77	90	80	N. W.	Cloudy	
4	84	94	82	S. W.	Fair	Smith of Company B. Hospital Steward Deserted
5	78	97	86	W.	Fair	Wm. H. Wyman of K. Comp. Hospital Steward
6	72	94	82	S.	Fair.	
7	80	92	79	S. W.	Fair.	
8	76	88	72	N. W.	Fair.	
9	69	87	72	N. W.	Fair.	
10	67	90	74.	W.	Fair.	
11	72	88	74	N. W.	Fair.	
12	73.	88	73.	N. W.	Fair.	
13	72.	91	82	S. W.	Fair	
14	80	94	79	S. E.	Fair	

15	82	94	82	W.	Fair	
16	78	96	83	S.	Fair	
17	81	100	80	S.	Fair	Thunder Shower at half past 2 O. Clock. P.M
18	80	101	82	S.W.	Fair	Thunder Shower at half past three O. Clock P. M.
19	85	100	87	S. E	Fair	
20	86	99	86	S.	Fair	
21	84	91	80	S. E.	Fair	Thunder Showers from ½ past 2 until ½ past 4 O. Clock. P. M Wind from the West
22	78	86	77	N. E.	Fair	Showers of Rain from 2. until half past 3 O. Clock P. M.
23	77	98	84	S. W.	Fair	Thunder Showers from 5 until ½ past 6 O. Clock P. M.
24	82	99	86	S. W.	Fair	
25	84	95	77	S.	Fair	Thunder Showers during the Afternoon. Rain at night.
26	78	94	76	S.	Fair	
27	74	92	83	S. W.	Fair	
28	82	95	80	S. W.	Fair	Thunder Shower 7 O. Clock P. M. Wind from S.
29	79	97	82	S.	Fair	Thunder Shower at 3 O. Clock. P. M.
30	80	96	76	S.	Fair	Thunder Shower at 4 O. Clock. P. M.
31	74	90	78	S.	Fair	
	2424	2891	2465	Total No. of degrees		
	78.2	93.18	79.16	Mean temperature		

N. W. — 5
S. W. — 9 prevg
N. E — 1
S. E — 4
W — 3
S — 9
31

Hotest day 18th
Coldest day 9th

+21st

Diary of the Weather for the month of August 1830 at Fort Winnebago M.T.

	Thermometer			Winds	Weather	Remarks
	7 AM	2 PM	9 PM			
1	71	84	73	N.W.	Fair.	
2	70	86	77	S	Fair	Showers of Rain at 4 O. Clock P.M.
3	69	89	75.	S.W.	Fair	
4	74	92	77	S.W	Fair	
5	72	78	75	E	Cloudy.	Rain during the Morning. Afternoon fair
6	78	91	78	S	Fair	
7	72	86	76	S.W	Fair	Rain at 4 O.Clock. P.M.
8	70	89	75.	S	Fair	
9	[illegible]	96	80	S	Fair	
10	77	94	86	S.E.	Fair	
11	77	78	67	W	Fair	
12	66	82	69	E	Fair	
13	67	92	70	S.E.	Fair	

14	72	82	76	S. W.	Cloudy	Rain during the Morning
15	74	90	78	S.	Fair	
16	68	79	69	N.	Fair	
17	62	80	64	N.	Fair	
18	59	86	70	S. E.	Fair	
19	64	91	79	S.	Fair	
20	71	81	68	N.	Cloudy	
21	67	95	82	S	Fair	
22	74	91	80	S	Fair	
23	70	86	71	W.	Fair	
24	66	84	70	E.	Fair	
25	60	88	74	S. E.	Fair	Sick Removed to the New Hospital
26	67	77	69	E	Cloudy	
27	66	92	73	N. E.	Fair	
28	67	82	72	S. E.	Fair	Hotest day 10th Rain during the Night
29	68	71	69	N.	Cloudy	Coldest day 17th Continual rain during the Morning
30	64	90	72	N. E.	Fair	
31	62	84	74	S. W.	Fair	
	2128	2666	2294	Total No. of Degrees		
	68.24	86.0	74.0	Mean Temperature		

Winds

N. W.	1
S. W.	5
S. E.	5
N. E.	2
E.	4
W.	2
S.	8 Prevg
N.	4
	31

Cloudy	5
Fair	26
	31

Diary of the Weather at Fort Winnebago for the Month of September 1830.

Dates	Thermometer 7 AM	Thermometer 2 PM	Thermometer 9 PM	Winds	Weather	Remarks
1st	88	88	72	E	Fair	
2nd	67	89	75	E	Fair	
3rd	74	80	80	S. W.	Fair	
4th	67	77	71	E	Fair	
5th	80	78	74	S.	Cloudy	Showers of Rain during the Morning rain during the Night
6th	59	78	66	E	Cloudy	
7th	63	70	68	South	Cloudy	
8th	66	75	66	W	Fair	
9th	66	71	68	S	Fair	
10th	58	58	58	W	Cloudy	
11th	56	57	57	E	Cloudy	Rain During the day
12th	50	58	57	N	Cloudy	
13th	54	54	60	S. E	Cloudy	
14th	58	60	56	South	Cloudy	
15th	56	60	59	[illegible]	Cloudy	
16th	49	55	58	W	Fair	
17th	48	60	54	S	Fair	
18th	52	64	50	N. E	Fair	Mrs Mc. Lean Hospital Matron left for N York

19th	54	70	64	S	Fair	
20th	60	66	64	S. E.	Cloudy	Rain during the night.
21st	60	62	60	W	Cloudy.	Continual Rain througout the day. Rain at night
22nd	60	62	63	S	Cloudy	light rain in the morning.
23rd	62	67	64	W	Cloudy	rain during the Morning
24th	64	68	64	S. E	Cloudy	
25th	61	71	65.	W	Fair.	
26th	62	80	76	S.	Fair	Shower of rain at 8 O Clock A. M. Shower of rain at 1 O Clock P.M
27th	50	62	58.	W	Cloudy.	
28th	46	62	54	S	Fair.	
29th	50	67	64	N. W.	Fair	
30th	39	80	70	S	Fair.	
	1704	2050	1911			
Mean	3914	6811	6321			

Hottest day 2nd.
Coldest day 18th.

Weather
Fair 15
Cloudy 15
30

Winds
N. W. 1
N. E. 1
S. E. 3
S. W. 1
S 10 [illegible]
E 5
N 2
W 7
30

Diary of the Weather at Fort Winnebago for the Month of October 1830

	Thermometer					
	7.	2.	9.	Winds	Weather	Remarks
Date	AM	PM	PM			
1st	60	84	73	S.E	Fair	
2nd	66	68	60	N W	Fair	Doctor Newhall arrived from Galena
3rd	50	58	61	S	Fair	
4th	56	77	71	S	Fair	
5th	52	70	62	S	Fair	
6th	50	75	65	E	Fair	
7th	61	76	70.	S	Fair	
8th	62	64	60	S	Cloudy	Rain at 11 O'Clock P.M.
9th	60	65	52	S. E	Cloudy	Light rain in the afternoon
10th	62	64	58	E.	Fair	Doctor L. Abbott gone on Furlough. left Fort Winnebago at 4 O'clock A.M.
11th	54	62	60.	S. W	Fair	
12th	56	72	66.	W	Fair	Heavy rain through the night.
13th	57.	63	54	S	Fair.	
14th	52	58	51	W	Cloudy.	
15th	56	60	57.	N. E	Cloudy	Light rain during the Morning

16th	50.	60	56	S	Fair	
17th	46	59	56	S. W.	Cloudy.	
18th	50	60	54	N. W.	Cloudy.	Rain during the afternoon. Continual rain through the nigh
19th	48	57	54	W.	Cloudy	Light rain during the day.
20th	50	60	52.	N. E.	Cloudy.	Thunder Storm at 4 O-Clock. A.M
21st	51	62	60.	S	Cloudy.	
22nd	55	55	52	W.	Fair	
23rd	52	55	60	S	Fair	
24th	52	69	60	S	Fair	
25th	55	75	62	S	Fair	
26th	60	82	75	S.. E	Fair.	
27th	62	62	56.	W.	Cloudy.	
28th	50	62	55	W.	Fair	
29th	42	62.	52.	S	Fair.	
30th	51	62	64	S.. E.	Cloudy.	Rain during the Morning
31st	54	56	50	W.	Cloudy.	
	1685	2053	1851			

5428|6022 60.83. mean of Temperature.

Hottest.. day ~~26th~~ 1st.
Coldest day. 29th

Rain. 8 days.

Fair 19 days.
Cloudy 12 days
31

Winds.
N.. W. 2
N.. E .. 3
S.. W. 2
S.. E.. 3
S .. 12 [illegible]
W.. 7
E.. 2
31

Diary of the Weather at Fort Winnebago for the Month of November 1850

	Thermometer					
	7	2	9	Winds	Weather	Remarks.
Dates	AM	PM	PM			
1st	44	62	60	S.W.	Fair	
2d	54	56	42	N.W.	Fair	
3d	44	58	40	S.W.	Fair	
4th	38	66	50	S	Fair	
5th	48	68	56.	S.	Fair.	
6th	46	50	42	N.W.	Cloudy	Heavy rain during the night
7th	41	49	50.	W.	Cloudy	Continual rain during the day, rain at night.
8th	54	56	52	E.	Cloudy.	Rain at 7 O.Clock. A.M. rain in the afternoon
9th	44	50	47.	S. E	Cloudy	
10th	46	52	48	W.	Cloudy.	
11th	32	56	44	N	Cloudy	
12th	42	50	43	S. E.	Cloudy	
13th	48	54	48	N. E	Cloudy	
14th	44	52	40	S	Cloudy	
15th	51	53	48	S	Fair	
16th	46	52	44	W.	Fair	
17th	40	44	39	W.	Cloudy	Rain during the day

18th	32	44	40	S. W	Fair	
19th	41	47	48	E.	Cloudy.	
20th	45	54	50	E	Cloudy.	Continual rain during the Night
21st	52	53	50	N. E	Cloudy	Rain during the day
22nd	48	48	46	S. E	Cloudy	Mist of rain through the day.
23d	42	46	44	W.	Cloudy	Mist of rain through the day
24th	44	49	44	W.	Cloudy.	
25th	40	49	44	N W	Cloudy	Hotest day 5th.
26th	40	49	43.	N	Cloudy	Coldest Day 18th Rainy 9 days.
27th	40	50	40	N. W.	Fair	
28th	42	48	44	N. E	Cloudy.	Continual rain during the day.
29th	42	48	46	N	Cloudy.	
30th	44	50	48	E	Cloudy.	Prevailing W.
	1334	1564	1392			
	44 33	52-13	41-40			

Fair .. 9
Cloudy .. 21
30

N. W .. 4
N. E .. 3
S. E .. 3
S. W .. 3
.. S .. 4
.. W .. 6 prevg
.. N .. 3
.. E .. 4
30

Diary of the Weather at Fort Winebago for the Month of December 1830. M.T.

Dates	Thermometer			Winds	Weather	Remarks
	7 AM	2 PM	9 PM			
1st	40	50	52	S. E	Cloudy.	Lightning through the Evening in the E.
2nd	41.	48	38	S. W.	Fair	
3rd	35	36	34	W.	Cloudy	Snow during the day.
4th	33	42	36.	W.	Fair	
5th	25.	33	33.	N. W.	Cloudy.	Light snow from ½ past 3. P.M. until 10 O'Clock. P.M.
6th	30	41	34	S. W.	Cloudy.	
7th	32	38.	36	N	Cloudy	Snow during the day depth two inches & Prevailing
8th	35.	40	30	N. E	Cloudy.	Continual Snow, more or less, during the day.
9th	28	30	28	W.	Cloudy.	Light snow during the Morning.
10th	16	32	29.	S.	Cloudy	Fox River slightly frozen over, & Snow eight inches deep during night
11th	28.	30	32	W.	Fair.	
12th	26	30	27	N.	Cloudy.	
13th	32	33	38	S. E	Cloudy	Snow & Hail. more or less through the day.
14th	33.	24	12.	S.	Fair	
15th	10	22	16	S. W.	Fair	Fox River, frozen Sufficient to bare a Man.
16th	7.	20	10.	W	Fair	

17th	8	14	13	E.	Cloudy.	Lights Snow in the Morning
18th	6	20.	10	W.	Cloudy.	Snow in the evening
19th	9	24	16	W.	Cloudy.	
20th	-6	-3	-14	W.	Fair.	
21st	-20	-6	-16	W.	Fair	
22nd	-17	-1	+8	W.	Cloudy	Snow during the day
23rd	14	26	22	S. E	Fair	Eight inches of Snow during the Night
24th	29.	33	27	N. W.	Cloudy.	Snow during the Morning.
25th	26	30.	20	S. ..	Fair	~~Hotest day 1st~~
26th	13	23	6.	S. E	Fair.	~~Coldest~~
27th	16	26	19.	S	Fair.	
28th	20	23	10.	W.	Fair.	Curtis, Hospital attendant returned from Prairie du Chien
29th	-2	20	13	S. W.	Cloudy.	
30th	26	33.	29.	S	Fair	
31st	24	30	20	.. N.	Cloudy.	
+	648	873	726			
−	45	-10	-30			
	603	863	696.	Total.		
	19.45	27.83	22.45.	Mean		

Winds.

N. W. .. 2
S. W. .. 4
S. E. .. 4
N. E. .. 1
.. N. .. 3
.. E. .. 1
.. S. .. 5
prevailing W. .. 11
31

Hotest day 1st ..
Coldest day 21st ..

Snow 11. days.

Fair. 14 days
Cloudy. 17 days.
31

Diary of the Weather at Fort Winnebago for the Month of January 1831. M.T.

	Thermometer					
	7	2	9			
Dates	A.M.	P.M.	P.M.	Winds	Weather	Remarks
1st	+8	22	23.	E.	Cloudy.	
2nd	36	27	21.	N.W.	Cloudy.	
3rd	+10	22	22	N	Cloudy	Nearly 1. Foot. of Snow. during the Night
4th	23	24	0	N.W.	Fair	
5th	+2	13	+6	S.W.	Fair	
6th	−9	+10	+4	S.W.	Fair.	
7th	−20	+14	+8.	W.	Fair.	
8th	+10	22	15	W.	Cloudy	
9th	19.	27.	14.	S.	Fair	Light snow from 6 O'Clock A.M. until 8 O'Clock A.M.
10th	18.	28	23.	S.W.	Cloudy.	
11th	22	24	13	N.	Fair.	
12th	+1	22	+6	E	Fair	
13th	−5	24	14.	E	Cloudy	
14th	+2	28	26.	E.	Fair.	
15th	28.	30	19	N.	Cloudy	
16th	12	21	12.	W	Fair	
17th	0	+9	20	W	Cloudy	Light snow at night

18th	25	34	20.	S.W.	Fair	
19th	16.	31	20.	W.	Fair.	
20th	24	32	26	N.E	Cloudy.	Mist of rain at night.
21st	10	24	10.	W.	Cloudy	Snow during the day.
22nd	+6.	7	−8	W.	Fair.	
23rd	−10	+14	+2	N.W.	Cloudy	
24th	−14	+8	−2.	W.	Fair.	
25th	−6	+13	−4	W.	Fair.	
26th	−2	22	+10	N.	Fair	
27th	+2	18	15.	S.W.	Fair	
28th	−5	+20	+6	W.	Fair.	President Message rec^d from Prairie du Chien. —
29th	−14	28	20	S	Cloudy.	
30th	−7	24	20	S.E	Cloudy	
31st	+4	22	20	N.	Fair.	
	298.	676.	409.	Total +		
	84.	..	18.	Total −		
	214.	676.	391.			
	[illegible]					
	6.90	21.80	12.61	mean		

Days	No.		No.
Snow.	4.	Cloudy	13.
Rain	1.	Fair	18
			3.1.

Winds	No.
E.	4
N.W.	3
N.	5
S.W.	5
W.	10 prev^g
N.E.	1
S.E.	1
S.	2
	31.

Diary of the Weather at Fort Winnebago M. T. for the Month of February 1831.

Dates	Thermometer 7 AM	2 PM	9 PM	Winds	Weather	Remarks.
1 st	20	28	24	N.	Fair	
2 nd	16	22	20	N	Cloudy	Snow during the day, ten inches of Snow during the day & night
3 rd	18.	26.	18.	N. E.	Cloudy.	Continued Snow through the day.
4 th	0	+6	-4	N	Fair	Parhelia in the morning & at evening very distinct.
5 th	-7	+10	-10	W	Fair	Parhelia at evening.
6 th	-20	+8	-14.	S. W	Fair	Parhelia at evening. — Brilliant Aurora Borealis, at night.
7 th	-24	+8	0	S. W	Fair	Parhelia at evening.
8 th	-12	+18	+10	S	Fair	
9 th	0	+24	+14	S. W	Fair	
10 th	+1	22	20	S. W	Fair	Blustering wind at 3 O. Clock from the W & Prevailing
11 th	+14	20	10	W.	Fair.	
12 th	+2	22	+4	S	Cloudy.	Mail arrived at 8 O. Clock. PM. from Green Bay.
13 th	-12	+26	16.	S	Fair	
14 th	+20	30	30	S	Cloudy	Light Snow during the day
15 th	+33	44	30.	S	Fair	
16 th	38.	38	10	S	Cloudy.	Continual Snow during the day
17 th	-4	+18	+8	S. W	Fair	
18 th	+18	44	32	S	Fair	

19th	+10	28	14	W	Fair	
20th	-6	+16	6	S. W	Fair	
21st	+18	40	30	S.	Fair	
22nd	+16	22	14	S. W	Fair	
23rd	+12	28	18.	S	Fair	
24th	+8	34	14	S	Fair	
25th	24	47	40	S	Fair	Thermometer was at 50° at 1 o'clock
26th	38.	52	40	S	Fair	
27th	44	54	42.	S.	Cloudy	Rain during the afternoon.
28th	42	52	38	S	Cloudy	
	398	793	514	Total +		
	-85	...	28	Total —		
	313	793	486			
	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~		
	11.17	28.32	17.35	Mean		

	Days
Fair	21
Cloudy	7
	28

Snow 4 days

Rain 1.

Winds	
N.	3.
N.E.	1
W.	3
S.W.	7
S.	14
	28.

Warmest Day. 27th.

Coldest day 7th.

Diary of the Weather at Fort Winnebago. M. T. for the Month of March 1831.

	Thermometer					
Dates	7 A.M.	2 P.M.	9 P.M.	Winds	Weather	Remarks.
1st	37	42	40.	S.	Cloudy.	Rain from 11 O.Clock P. M. until. 5 O. C. A.M.
2nd	43.	50	42	W.	Cloudy.	Hail storm at 9. A.M. + Light rain in the evening.
3rd	38	46	42.	S.	Fair.	
4th	42	50	38.	S.	Fair.	Blustering wind from the S. W.
5th	38	50	36.	W.	Fair.	
6th	32.	46	38.	W.	Fair.	
7th	30.	39	33.	N.	Cloudy.	Snow.
8th	33.	40	30.	N.	Cloudy.	Snow
9th	30.	52	42	W.	Cloudy.	
10th	30	53	44	S. W.	Cloudy	10th. Mail arrived from Green Bay at 2 O. Clock PM
11th	38.	45.	36.	W.	Cloudy	Snow.
12th	34	42	36	S. W.	Fair.	
13th	32	40	30.	W	Fair.	Strong wind from the W.
14th	32	50	40.	S. W.	Fair.	
15th	30.	32	22.	S. E.	Fair.	
16th	18	20	19.	W.	Cloudy	Snow
17th	10.	32	28.	N.	Fair.	
18 ..	30.	28	20.	S.	Fair.	
19th	32.	30.	22.	W.	Fair.	
20th	28.	44	30.	S. W.	Fair.	

21	32	62	52	S	Fair,	
22	44	50	50	W.	Cloudy,	
23	52.	68.	54	S.W	Fair	Thermometer was at 70 at 3 O-Clock P.M.
24	44	42	44	N	Cloudy	
25	44	56	44	S.	Fair	
26	40	46	40	N.E	Cloudy	
27	43	58	44	W.	Fair	
28	40.	60	50	E	Fair	Rain at Night
29	52	58	46.	S. W.	Cloudy	
30	42	60.	52	S	Fair	
31	44	48	40	S. W.	Cloudy	Snow. —
	1102.	1449	1184.	Total number of Degrees		
	35.52	46.74	38.19	mean		

	Days.
Rain	3
Snow	5
Hail	1.

	Days.
Clear.	18
Cloudy	13
	31.

Varying Winds

S.	7.
W.	13
S.W.	7
S.E.	1
N	1
N.E.	1
E.	1
	31.

Diary of the Weather at Fort Winnebago M. T. for the Month of April 1831.

Dates	Thermometer			Winds	Weather	Remarks.
	7 AM	2 PM	9 PM			
1st	40	50	40.	S. W	Fair	Rain with lightning in evening — Hail at night.
2d	42	53	40	S. W	Fair	
3d	39.	42	44	W	Fair	
4th	34	39	37	N. W	Cloudy.	Snow — Rain during the Day
5th	44	49	40.	S.	Fair	N 2
6th	30	40	30.	N.	Cloudy.	Rain through the Day N W 1
7th	32	40	39	S. W	Fair	N E 1
8th	20	38	32	N.	Fair	Snow — E 1
9th	30.	44	35	W.	Fair.	Snow — S E 2
10th	40	42	38	W	Cloudy	Snow. — S 8
11th	39	49	42	S. W	Fair.	S W 6
12th	43	64	53	S. W	Fair	W 9 [illegible]
13th	56	62	54	W	Fair.	30
14th	40	64	54	E	Fair.	
15	40	70	50	S	Fair	
16th	54	70	56	S	Fair	Rain with lightning at night.
17th	54	83	72	S	Fair	
18th	50	60.	58	W	Fair	Blustering wind W.
[illegible]	[illegible]	[illegible]	[illegible]	W	Fair	[illegible] Steamer [illegible]

21	27	40	38	S	Cloudy	Rain and Hail — Sleet during the night
22d	40	48	40	W	Cloudy	Rain
23d	40	54	45	S. W	Cloudy	~~[illegible]~~
24th	50	62	51	W	Fair	Lieut Mitchell returned to Ft. Winebago
25th	64	48	44	W	Cloudy.	Rain —
26th	40	64	52	S. E.	Fair	
27th	51	67	50	S.	Fair	
28th	54	70	62	S.	Fair	
29th	62	75	67	S.	Fair	
30th	58	72	58	S. E	Fair	
	1329	1676	1423	Total number of degrees		
Mean	44 9/	[illegible]	47 13/			

Diary of the Weather at Fort Winnebago M. T. for the Month of May 1831

Date	Thermometer 7 AM	Thermometer 2 PM	Thermometer 9 PM	Winds	Weather	Remarks
1st	50.	71.	62.	S.	Fair	
2nd	54.	76.	57.	S.	Fair	
3rd	54.	54.	45.	N. W.	Cloudy	
4th	50.	62.	58.	W.	Fair	
5th	50.	67.	50.	S	Fair	
6th	44	61	52	E	Cloudy.	Mail arrived from Prairie du Chien —
7th	48	67.	56.	N. E	Fair	Mr William Platt P. M. arrived at Ft Winnebago — Mail arrived from G. Bay
8th	47	68	46	S. W.	Fair	
9th	44	64	46.	W.	Fair	
10th	60	82	60	S. W.	Fair.	
11th	76.	92	76.	W.	Fair	
12th	60	70.	58	S. W.	Cloudy	
13th	64	72	57	N.	Fair	
14th	60.	66.	58	E.	Cloudy.	
15th	60.	63.	57.	S. W.	Cloudy.	(Wyman Hospital Steward deserted.)

N 3
N W 4
N E 3
E 4
S E 1
S 7 [illegible]
S W 4

16th	54.	66.	54.	N. W.	Cloudy	(Young appointed Hospital Steward)	11 $\frac{5}{31}$
17th	50	62	53	N. E.	Cloudy		
18th	37	47.	44.	N E.	Cloudy	Snow. — (Mrs Curtis, Hospital Matron discharged)	
19th	48	54	50	N	Cloudy	Rain	
20th	52.	55	52	N W.	Cloudy	Rain	
21st	48	55	44	W.	Cloudy	Rain	
22nd	46	56	50	W.	Cloudy	(Mrs Thompson appointed Hospital Matron)	
23rd	52	62	56	N. W.	Fair	A (Mrs Thompson appointed Hospital Matron)	
24th	62	70	56	N	Fair		
25th	62	72	62	E.	Fair		
26th	70	86	72	S.	Fair		
27th	72.	96.	80.	S.	Fair		
28th	68.	79	70	E.	Cloudy		
29th	66	72	66	S.	Cloudy	Rain (Mrs Thompson resigned, & Mrs Russell appointed Hospital Matron)	
30th	72.	86	78.	S E.	Cloudy		
31st	82	89	80	S.	Cloudy		
	1758	2289	1818	Total No of Days			

11

Diary of the Weather at Fort Winnebago M. T. for the Month of June 1831

N	2
N W	3
N E	3
E	2
S E	6
S	6
S W	3
W	5
	30

Dates	Thermometer 7 AM	2	9 PM	Winds	Weather	Remarks
1st	80	88	78	S. W.	Cloudy	
2nd	84	72	78	S.	Cloudy	
3rd	72	70	68	N. W.	Cloudy	
4th	64	70	60	W.	Cloudy	Rain hail and thunder P.M.
5th	60	74	62	S. E.	Cloudy	Rain during the afternoon thunder and lightning at night and
6th	70	76	70	S.	Cloudy	Rain in the afternoon Rain during night
7th	66	82	70	N.	Cloudy	Rain thunder and lightning during the night
8th	70	82	70	S.	Cloudy	M. arrived from Prairie du Chien raining
9th	68	78	72	East	Cloudy	Rain in the during the night
10th	78	82	72	S.	Cloudy	Rain in the morning
11th	70	87	76	S W	Fair	Cannon
12th	78	83	78	W	Fair	
13th	79	90	83	S E	Fair	

15th	79	83	78	S	Fair	
16th	78	80	75	S.W.	Cloudy	Rain during the day } Mail arrived from Green Bay
17th	70	73	69	W	Cloudy	Rain during the night and day Tunder P.M.
18th	71	84	70	W	Cloudy	Dr. Abbott returned from furlough Showers of rain and Thunder in the after noon
19th	70	93	79	S.W.	Cloudy	Lighting at night
20th	81	85	72	W	Cloudy	Rain Trow the day and Tunder in the Eveng
21st	72	73	71	N.W.	Fair	
22d	60	70	62	N.W.	Fair	Dr. Newhall left for Galena
23d	66	69	59	S.E.	Fair	
24th	68	79	62	S.E.	Cloudy	Comp.s B. & E left for Prairie du Chien, [illegible], Maj. Beall in command
25th	61	69	62	N.E.	Cloudy	Rain during the day
26th	60	70	62	E.	Cloudy	Rain during the day
27th	64	75	70	N.E.	Cloudy	Rain During the day
28th	72	81	70	N	Cloudy	Rain During the day thunder in the Afternoon
29th	70	78	71	S.E.	Fair	
30th	61	81	72	N.E.	Fair	Brig. Gen. Brady & Lieut. Backus, A.D. ~~Camp~~, arrived ½ past 11 A.M. from Green Bay

30

2177 2253 2105

Diary of the Weather at Fort Winnebago, M.T. for the Month of July 1831.

Dates	Thermometer 7 A.M.	 2 P.M.	 9 P.M.	Wind	Weather	Remarks
1st	70	82	74	N. E.	Cloudy	Rain during the day thunder in the afternoon
2nd	70	79	70	S. E.	Cloudy	Rain and hail With thunder in the after Noon and High Wind
3d	68	78	70	S. E.	Cloudy	Showers of Rain in the afternoon and thunder
4th	69	80	71	S. E.	Cloudy	Rain [illegible] during the day With thunder in the afternoon [illegible] 5th Regt. of Infantry arrived from Green Bay
5th	70	80	76	S. E.	Clear	
6th	74	84	82	S.	Clear	1 Company of the 1st Regt Left this morning for Prairie du Chien
7th	78	88	80	S.	Clear	
8th	76	82	78	N. E	Cloudy	Rain and high Winds
9th	64	72	68	N.	Cloudy	
10th	64	72	72	N.	Clear	Heavy Fogs this Morning
11th	68	76	72	S.	Clear	Foggy in the Morning
12th	68	78	72	S. E.	Clear	Foggy in the Morning
13th	68	78	74	N. W.	Cloudy	Rain in the evening and high winds
14th	56	66	64	N.	Clear	
15th	61	72	68	S.	Cloudy	

N	3
N W	1
N E	2
E	0
S E	9
S	10 [illegible]
S W	2
W	4
	31

16th	69	82	78	S.	Cloudy	
17th	78	84	74	S.E.	Cloudy	Rain thunder & lightening
18th	74	82	80	W.	Clear	High winds & Light Rain in the evening
19th	77	84	80	W.	Cloudy	Rain thunder & lighting at Night
20th	74	83	78	W.	Clear	
21st	76	88	80	S.	Clear	Heavy Rain thunder and lightning in the Night at 12 O'Clock
22d	74	82	72	S.W.	Cloudy	Heavy Rain thunder & lightning in the after Noon
23d	70	76	72	S.W.	Clear	
24th	68	78	72	W.	Clear	
25th	70	82	78	S.	Cloudy	
26th	74	80	76	S.	Cloudy	
27th	74	72	74	S.E.	Cloudy	Heavy rain with thunder & lightning in the morning and Dureing the Day
28th	68	74	70	S.E.	Clear	High winds to day the Osprey arived from Gennela
29th	72	79	78	S.	Clear	High winds to day
30th	82	80	78	S.	Cloudy	Heavy Rain thunder and lightning in the after noone & high winds
31st	66	74	72	S.E.	Clear	
Total	2154	2465	2303			

Diary of the Weather at Fort Winebago M. T. for the Month of August 1831

Dates	Thermometer 7 am	 2 PM	 8 PM	Winds	Weather	Remarks
1st	70	80	78	S.	Cloudy	
2nd	64	68	64	N.	Cloudy	Express arrd from Gillan
3d	66	72	70	N.W.	Cloudy	Heavy fogg this morning Light Rain in the evening Express left this morning
4th	66	74	68	N. W.	Clear	
5th	60	70	68	N.	Clear	Heavy fog this morning
6th	62	66	62	N.	Cloudy	Rain & Thunder
7th	58	72	66	N.	Clear	
8th	64	74	68	N.E.	Clear	
9th	64	74	70	N.W.	Clear	
10th	68	78	74	S. E.	Clear	
11th	72	82	78	S.	Clear	Express arrd from Green Bay
12th	74	83	78	S.	Clear	
13th	76	89	80	S.	Clear	
14th	78	87	80	S.	Clear	
15th	77	89	83	S.	Clear	Thunder & Lightning in the night
16th	76	82	80	S. E.	Cloudy	Heavy Rain thunder and Lightning this morning Express arrd from Pinlain

N	5
NW	5
NE	1
E	1
SE	4
S	14 prevg
SW	1
W	0
	31

17th	75	87	79	S.E.	Clear	Hazy this morning Express Left for Green Bay
18th	72	86	80	S.	Clear	
19th	74	85	78	S.	Clear	
20th	79	80	74	S.	Cloudy	Rain thunder and lightening in the afternoone
21st	68	68	64	N.W.	Cloudy	Light Rain
22nd	57	69	68	N.W.	Clear	
23rd	62	74	69	S.	Clear	
24th	67	75	70	S.	Clear	2 Boats arived from Green Bay this after noone with Provision for this Post
25th	69	76	70	S.	Clear	Express arived from Green Bay this Evening
26	68	78	72	S.W.	Clear	Heavy fog this morning
27th	64	80	72	N.	Clear	
28th	66	70	69	E.	Cloudy	
29th	59	75	70	S.	Clear	... Fired for the Late President Monroe
30th	62	76	70	S.E.	Clear	Rain in the evening
31st	70	72	68	S.	Cloudy	Rain in the morning & during the night Express arived from [illegible] and left [illegible] Bay
Sums	2118	2372	2260			

Diary of the Weather at Fort Winnebago M.T. for the Month of September 1831

Dates	Thermometer 7 Am	2 Pm	9 Pm	Winds	Weather	Remarks
1st	68	68	66	N.	Cloudy	Rain
2nd	56	62	58	N.	Cloudy	
3d	56	64	58	E.	Clear	
4th	62	67	68	S.	Cloudy	
5th	62	70	69	N.W.	Clear	Heavy fog this morning
6th	63	61	70	S.	Cloudy	Heavy Rain in the night & High winds
7th	71	71	68	S.	Cloudy	Rain during the day & High winds Express arrived from Green Bay
8th	64	61	66	N.W.	Clear	Express left for Galena
9th	62	67	66	S.	Cloudy	Rain in the afternoone
10th	66	66	62	S.	Cloudy	Rain
11th	57	60	60	S.	Cloudy	High Winds
12th	54	63	62	W.	Clear	High Winds Continued
13th	59	68	78	S.	Clear	High Winds
14th	60	68	58	N.	Cloudy	Express arrived from Galena & Left for Green Bay
15th	54	59	61	N.	Cloudy	
16th	47	63	60	S.W.	Clear	White Frost this morning
17th	53	66	63	N.	Clear	

18th	62	76	73	S.	Clear	High winds this day 2 Boats arrived from Green Bay with Clothing & [illegible]		
19th	70	76	72	S.W.	Cloudy	Rain in the night		
20th	64	66	64	N.	Cloudy	Rain	N	1
21st	60	64	74	S.	Cloudy	Light Rain Express arrived from Green Bay	N W	4
22nd	66	62	65	W.	Cloudy	Light rain & high winds Express left for Penelea	N E	0
23rd	56	60	58	W.	Cloudy	Light rain Continued	E	1
24th	56	62	60	W.	Clear	High winds	S E	0
25th	54	60	59	W.	Clear		S	9 [illegible]
26th	48	56	56	N.W.	Cloudy	Rain	S W	3
27th	45	57	58	N.W.	Cloudy	Heavy fog this morning Light rain in the morning	W	7
28th	53	58	55	W.	Clear	High winds Express arrived from Gennelea		30
29th	45	55	40	W.	Clear	Express Left for Green Bay Frost this morning		
30th	37	65	44	S.W.	Cloudy	White frost this morning		
Total	1727	1861	1855					

13

172
13
1337

Diary of the Weather at Fort Winnebago M. T. for the Month of October 1831

Date	Thermometer 7 AM	 2 PM	 9 PM	Winds	Weather	Remarks
1st	66	72	64	S.	Cloudy	Rain & high winds
2d	60	58	49	N.	Cloudy	Rain at night
3d	60	52	42	S.	Cloudy	Heavy Rain in the night
4th	38	40	44	N.	Cloudy	Rain & Snow in the morning
5th	35	53	40	N.	Clear	
6th	32	58	52	S E	Clear	Rain in the night Express arrived from Green Bay
7	50	54	54	N E	Cloudy	Light Rain in the morning
8	48	56	52	N.	Cloudy	Heavy Rain all day & high winds
9	36	52	38	N.W.	Clear	Frost this morning Express left for Galena this morning
10	36	58	44	S.	Clear	Frost this morning
11	37	63	52	S. E.	Clear	Lieut Hoar Left this Post to day for Green Bay & then to New york
12	45	74	60	S	Clear	High winds
13	58	78	62	S.	Clear	
14	55	77	64	S.	Clear	
15	60	78	63	S.	Clear	High winds
16	60	78	67	S.	Clear	High winds Continued
17	66	62	54	S.W.	Clear	Light Rain in the Morning
18	48	59	46	N.W.	Clear	

19	46	72	57	S.	Clear	
20	42	72	60	S.	Clear	High winds
21	62	71	62	S.	Cloudy	Rain in the afternoon & Thunder & Lighting at night
22	65	64	60	S.	Cloudy	Rain Continued & Thunder & Lighting in the evening
23	62	48	48	S.	Cloudy	Heavy Rain and High winds
24	38	44	40	S.W.	Cloudy	High winds & Light Snow this morning
25	33	46	36	S.W.	Clear	Frost this morning
26	32	40	28	N.	Cloudy	Express arrived from [illegible] & Left for Green Bay
27	28	45	38	S.	Clear	High winds
28	36	54	40	S.	Clear	Frost this morning and high winds During the day
29	35	58	44	S.	Clear	High winds
30	52	57	44	S.W.	Cloudy	Rain
31	40	45	38	S.W.	Cloudy	Rain most part of the day. Mail arrived from Green Bay.
	1454	1535	1554			
	46-28	54	50-4 mean			

S. West 5
S 16 prevg
N. 5
S.E. 2
N.W. 2
N.E. 1
31

Hottest day 16th
Coldest – 26th

15. Rain
13. Cloudy

331 1554 1454 50

15 Clear
13 Cloudy

Diary of the Weather at Fort Winnebago M. T. for the Month of November 1831

Dates	Thermometer			Winds	Weather	Remarks
	7 AM	2 PM	9 PM			
Nov 1st	38	42	39	North	Cloudy	
2d	37	45	41	S. West	Clear	
3d	36	46	35	East	Cloudy	Rain in the forenoon
4th	28	45	36	N. West	Clear	Mail arrived from the Bay, and departed for Galena
5th	33	58	49	S. West	Clear	
6th	41	46	39	N. West	Clear	
7th	32	56	48	South	Clear	
8th	48	60	51	South	Clear	
9th	52	57	58	S. East	Cloudy	Rain in the forenoon Mail arrived from Galena
10th	48	49	36	S. East	Cloudy	High winds, which varied about noon to N. E. &c } Mail depart for Bay
11th	34	42	31	N. East	Clear	
12th	30	43	39	South	Cloudy	
13th	39	39	37	North	Clear	
14th	28	44	30	North	Clear	

15th	34	43	34	East	Cloudy	
16th	33	45	38	East	Cloudy	Rain in the Eveng — at 9 P.M light snow —
17th	35	34	35	East	Cloudy —	Rain in the forenoon, changed to Snow in the afternoon. Very Windy & Stormy
18th	32	36	28	North	Cloudy	Mail departed for Galena. Light Snow part of the day. The Snow is now 4 Inches
19th	28	30	21	S West	Clear	Mail which left here yesterday, returned owing to sickness of Carrier
20th	36	36	31	South	Cloudy	Snow in the afternoon
21st	26	34	26	North	Clear	
22d	27	36	28	North	Cloudy	
23d	26	31	25	North	Cloudy —	
24th	28	44	31	West	Cloudy	
25th	26	37	25	North	Cloudy —	Major Phillips P.M. arrived
26th	27	36	29	North	Cloudy	
27th	18	30	20	North	Cloudy	Light Snow —
28th	12	23	2	North	Cloudy	~~Snow~~ ~~[illegible]~~ Paymaster left — 10 men frost bitten
29th	.2	12	9	North	Clear	Snow in the Night
30th	9	18	10	North	Cloudy	Snow —
	914	1200	961	Total		
	304	402	321	Mean		

Coldest day 29th
Hottest " 8th

Clear 12 days
Cloudy 18 days

Wind 13 days	North	[illegible]	N East	1
" 1 "	West		S. East	2
" 4 "	South		N West	2
3	S. West			
4	East		Prevailing	North

Diary of the Weather at Fort Winnebago, M. T. for the Month of December, 1831

Dates 1831	Thermometer			Winds	Weather	Remarks
	7 o'clock	2 P.M.	9 P.M.			
Decr 1st	9	20	19	South	Cloudy	Snow
" 2d	15	29	21	North	Cloudy.	Snow in the forenoon
" 3d	10	19	10	South	Cloudy	Snow
" 4th	16	23	6	North	Clear	
" 5th	•2	7	•5	North	Clear	
" 6th	•12	8	•11	N West	Clear	
" 7th	•23	15	1	S East	Clear	At night became cloudy. At 9 P.M. it commenced snowing. Wind moderate
" 8th	3	19	•8	S West	Clear	
" 9th	•16	11	1	South	Clear	Express arrived from Green Bay at ½ past 11 O'ck P.M.
" 10th	9	31	10	S West	Clear	Mail closed this evening ½ past 8 O'clock for Green Bay
" 11th	•9	16	•16	N West	Clear	Mail departed for Green Bay
" 12th	•23	1	•6	West	Clear	Mail departed for Mineral Point.
" 13th	•6	5	•9	West	Clear	
" 14th	•18	10	•17	North	Clear	
" 15th	•24	9	8	S West	Clear	

16th	25°	31	7	N. West	Clear	Mail arrived from Galena
17th	•2	13	•5	North	Clear	Mail departed for G. Bay. Snow during the night
18th	•1	18	•12	South	Cloudy	Snow during the whole day.
19th	2	24	7	South	Clear	
20th	18	30	32	South	Clear	
21st	18	18	0	North	Clear	
22nd	•15	19	8	South	Clear	
23rd	20	27	28	South	Cloudy	Snow most part of the day. Snow at night
24th	•26	40	6	North.	Clear	
25th	3	18	23	South	Cloudy.	Snowing at 10 Ock. P.M. –
26th	13	21	1	N. West	Clear	Winds variable, having changed from S to N.W. and back again, twice
27th	15	24	19	S East	Cloudy	Snowed during the Night
28th	19	27	17	N. West	Cloudy	Partial snow during the day
29th	2	22	12	N. West	Clear	
30th	18	31.	19	North	Clear	Mail arrived from Galena. –
31st	17	28	6	North	Cloudy	Light Snow Mustered at 10 A.M. Snowed considerable from 10 until ½ 12 M
Total	107	615	196 Total 6 [illegible]			
	mean 3 15/31	19 26/31				
	255° above 148 below 107		273° above 77 below 196			

North – 9 days 13 days below zero
N.W 5 Coldest day 15th
S E 2 Hottest " 24th
S 9 [illegible]
S W 4
W 2
[illegible] 31.

Clear 22 days.
Cloudy 9 "
Snow 11 "

1832 Mr Gleason Dr to Hospital
Feb 6th

To 53 lbs Pork at 10 cts per lb — $5..30
" 1 lb Sal. Soda ———

Lt Perkins 1 lb Sulph Soda Dr Abbott orders this not to be paid

---

Capt. Low
Feb 2d 1 lb Sulph Soda Paid

Lt Lacy Paid 3 lbs Paid &c
at diff times Jan & Feb Flour

March 2d 1 Quart Wine to Dr Abbott — . —

" Lt Center 1 lb Sulph. Soda Dr Abbott orders this not to be paid

~~April 29th Capt Low Sulph Soda 2. lbs~~ Paid

April ~~20th Capt Low sent for 2 lbs for gal Brandy [illegible]~~ Paid

August 6th Mr Hoyt 1 Barrel Flour Paid Nov 11th 1832

p p Barrel of Flour

111
14 14
125

1553

2 3

1100

143
245
23

16
85
101

113

145
11
1550

31/ 1255 (40.15
174
15

31/ 15.5.3 / 50.3
155
3

32 18
31/ 1010 (32.18
93
80
62
142

7 3
6 14
133

[illegible] 2
59 – 73

[illegible] 1/6 1/8

[illegible]

Serjeant

FORT WINNEBAGO

DIARY OF THE WEATHER

U. S. ARMY: HOSPITAL DEPT.

Jan
~~Feb.~~ 1832 - Oct. 1833.

METEOROLOGICAL DIARY
HOSPITAL DEPT
U. S. ARMY

Fort Winnebago [illegible]

Wis
Mss
3CL

1832 – 1857

W. M. D. McKissack

W. M. D. McK

W. M. D. McKissack
Jeremy [illegible]
For what I [illegible] thee

WIS
MSS
3CL

Doct. Foot hurt by lifting Hayhorse Saving
19th December 1837

W. M. D. McKissack

W. M. D. McK

W. M. D. McKissack

Germany [illegible]

For what I cannot see

1832-38.

Latitude of Fort Winnebg.

43$\frac{3}{4}$. N. Longitude 12. W

Diary of the Weather at Fort Winnebago M. T. for the Month of January 1832

Dates 1832	Thermometer 7 A.M. 7	 2 P.M. 2	 9 P.M. 9	Winds	Weather	Remarks
January 1st	-7	17	13	South	Cloudy	Snow in the afternoon & continued during the night
" 2nd	16	28	10	North	"	Light snow
" 3rd	15	24	14	South	"	
" 4th	22	34	27	"	"	
" 5th	17	26	17	N.W.	"	
" 6th	-2	32	8	South	Clear	
" 7th	26	39	26	S.W.	"	
" 8th	17	44	31	" "	"	
" 9th	25	40	32	" "	"	
" 10th	24	38	19	N.W.	"	
" 11th	20	39	10	" "	"	Dense fog this morning at daybreak — Mail arrived from P. du C.
" 12th	18	48	23	South	"	& Mail left for Galena
" 13th	22	50	35	"	"	
" 14th	44	49	43	"	"	
" 15th	42	48	42	"	"	
" 16th	40	46	42	East	Cloudy	Light rain commenced at 3 P.M.

N	2
N W	3
N E	3
E	3
S E	2
S	8 prevg
S W	6
W	4
	31

17th	46	48	46	S. East . Evening S. West	"	Became Clear in the Evening	High winds in the evening.
18th	35	46	32	S.W.	Clear		High wind in the evening.
19th	32	36	31	West	"		Continued to day.
20th	19	45	28	"	"		Ditto
21st	18	43	26	N.E.	"		Mail left, for Galena
22nd	25	49	32	S.W.	"	Cloudy in the Evening	
23rd	32	51	31	S.E.	Clear	Cloudy in the Evening	High wind all night. Snow at night.
24th	x4	x5	x21	North	Cloudy.		Ditto continued.
25th	x27	x6	x13	West	Clear		Light wind during the day. High wind at night Mail arrived from Galena and departed the same day
26th	x19	0	x11	"	"		Wind moderate during the day. High wind at night
27th	x14	3	11	N.W.	"		Major Larned, Paymaster, arrived.
28th	16	25	15	East	Cloudy		Snow during the night. High wind during the day. Snow at 9 P.M.
29th	12	24	16	"	"		Snow during the day
30th	10	34	19	N.E.	"		Light snow
31st	14	29	20	"	"		Paymaster left for Green Bay. Snow in the night. & Lt [illegible] Cantonment arrived
	541	1031	666	Total.			
	17.45	33.26	21.5				

Diary of the Weather at Fort Winnebago M. T. for the Month of February 1832.

Date		Thermometer			Winds	Weather		Remarks
		A.M.	P.M.	P.M.				
1832		7	2	9				
Feby	1st	37	33	34	East	Cloudy		Mist all day. Mail arrived from Green Bay. Rain at night
	2d	34	36	30	North	"		Mail departed for Galena
	3d	12	30	14	"	"		
	4th	12	27	15	"	"		Snow during the night
	5th	x3	20	18	South	"		
	6th	18	39	24	West	"		Light snow at night
	7th	14	26	17	North	"		Snow at night
	8th	17	23	25	"	"		High wind. Paymaster Maj. Lewis returned from G. Bay. Mail arrived from G. Bay
	9th	21	27	18	West	"		Mail arrived yesterday from Galena departed this morning for G. Bay
	10th	6	28	29	S.W.	Clear		Paymaster departed for Detroit this morning
	11th	38	32	19	N.W.	Cloudy		
	12th	3	27	1	" "	Clear	overcast part of the day	
	13th	x10	15	10	South	Cloudy		Snow during most of the day and evening. Snow at night
	14th	11	24	15	N.W.	"		Snow all day and evening
	15th	8	14	9	" "	"		Light snow in the evening
	16th	7	25	12	" "	"		Mail arrived from G. Bay & departed for Galena

17th	17	32	37	South	"	Mild. Light rain in the even'g
18th	28	35	27	North	"	Snow all day
19th	19	40	9	"	Clear	High wind at night
20th	x2	25	x9	N.W	"	
21st	x22	34	8	N.W.	"	High wind commenced at 8 O'ck P.M.
22d	x10	8	x8	West	"	Wind moderate.
23d	x24	17	x16	"	"	Mail arrived from Galena, and departed for G. Bay
24th	x33	6	x6	N.W.	"	
25th	x6	44	10	" "	"	
26th	4	37	13	" "	"	
27th	x7	42	36	" "	Clear until sunset then cloudy	Light snow at 9 P.M.
28th	25	42	12	N.W	Clear	
29th	x2	34	10	West	"	Adjt Cooper returned from G. Bay.
Total	218	325	402			
	7.25	28.13	13.25			

N	7
N W	7 prev'g
N E	0
E	1
S E	0
S	3
S W	6
W	5
	29

Diary of the Weather at Fort Winnebago M.T. for the Month of March 1832

Dates 1832	Thermometer 7 A.M.	Thermometer 3 P.M.	Thermometer 9 P.M.	Winds	Weather			Remarks
March 1st	17	50	32	South	Cloudy	N	3	
2d	41	56	40	S.W	Clear	NW	4	
3d	26	52	40	" "	"	NE	5	Mail arrived from Green Bay & dispatched for Galena
4th	36	41	36	North	Cloudy	E	1	Rain & Snow alternately through the day.—
5th	31	49	38	N.W	Clear	SE	1	
6th	29	52	38	South	"	S	7	
7th	30	53	42	"	Cloudy	SW	12 [illegible]	
8th	42	50	41	"	"	W	5	Mist
9th	41	53	45	East	"		31	Mist
10th	45	55	55	S.E.	"			Light rain during the day, very heavy at night.—
11th	56	66	54	South	Clear			Very high wind
12th	42	40	22	North	Cloudy			Light rain and snow. High wind at night.—
13th	16	26	21	N.W	Clear			High wind part of the day. Lieut. Mc. Clure & Davis left for Galena on command
14th	17	35	33	South	"			
15th	34	52	46	"	"			Mail arrived from Galena
16th	17	18	8	N.W	"			Mail departed for G. Bay. Lt. Mc. Clure returned from com

17th	3	21	14	West		"	Lieut. [illegible] returned from command
18th	19	34	28	S.W.	shifted to South	"	
19th	26	54	44	" "		"	
20th	38	54	38	N.W.		Cloudy	High wind
21st	24	45	36	West		Clear	
22d	27	55	41	S.W.		"	Mail arrived this evening from G. Bay
23	38	71	58	" "		"	Mail departed this morning for Galena
24th	39	72	59	" "		"	
25th	34	41	33	North		Cloudy	Snow and rain since 4½ A.M.; ceased at 11 A.M.
26th	30	46	39	S.W.		Clear	
27th	39	58	46	" "		"	
28th	39	63	56	" "		"	High wind. Rain in the evening, and wind increasing
29th	45	71	62			"	Mail arrived last evening from Galena; departed today for G. Bay
30th	58	73	68	"		Cloudy	High wind during the 24 hours
31st	46	58	42	West			High wind, Rain commenced at 7 P.M. [illegible]
Total	1011	1564	1255				
	32.61	50.45	40.48				

Diary of the Weather at Fort Winnebago M.T. for the Month of April 1832

Dates 1832	Thermometer A.M. 7	P.M. 2	P.M. 9	Winds	Weather		Remarks
April 1st	37	50	42	N.W.	Clear	N 2	
2d	43	59	35	S.W.	"	N.W. 9 prev'g	High wind
3d	35	49	40	N.W.	"	N.E. 1	
4th	46	64	50	"	"	E 3	
5th	29	50	36	"	"	S E 4	Mail arrived from Green Bay.
6th	33	61	49	S.E.	"	S 2	Mail departed for Galena
7th	42	71	45	West	Cloudy	S.W. 6	Rain in the evening.
8th	34	48	30	East	Cloudy	W 3	Asst Surgeon departed for Mackinaw, [illegible] Green Bay [illegible]
						30	
9th	42	46	40	S.E.	"		Rain all day.
10th	37	62	56	North. S.W. in the afternoon	Clear		
11th	52	72	62	North	"		Mail arrived from Galena, and left for the Bay.
12th	54	76	66	"	"		
13th	56	82	66	West	"		
14th	45	65	53	North	"		
15th	38	64	49	N.E.	"		
16th	43	63	55	East	Cloudy		

17th	44	66	56	S.W	Clear		
18th	47	62	53	N.W	"		Mail arrived from Green Bay and left for Galena
19	41	65	56	" "	"		Dr Finley arrived from G. Bay
20th	42	69	59	S.W	"		Express arrived from Rock Island
21st	56	68	48	S.E	"		
22d	42	61	41	" "	Cloudy		Dr Finley left for G. Bay
23d	34	71	68	S.W	Clear		Frost this morning
24th	49	76	64	East. shifted to S.W	Clear		Dense fog this morning, Mail arrived from Galena & left for the Bay
25th	60	81	64	S.W. Shifted to North	Cloudy		Thunder, with heavy showers of rain, during the afternoon
26th	61	72	59	N.W	Clear		
27th	45	63	52	" "	Cloudy	part of the day clear	
28th	45	68	50	" " Shifted to S.W	Cloudy		
29th	45	64	56	S.W	Clear		
30th	56	61	46	West	"		High wind, Gen. Brady & Lt. Backus arrived from Detroit via Chicago
Total	1332	1833	1532				
Mean	44 12/30	61 3/30	51 22/30				

Diary of the Weather at Fort Winnebago. M. T. for the Month of May 1832

Dates 1832	Thermometer A.M. 7	P.M. 2	P.M. 9	Winds	Weather	Remarks
May 1st	48	68	56	S.W.	Clear	Express started for Rock-Island (to day)
2d	39	41	36	East	Cloudy	Rain intermixed with snow which commenced in the morning & continued during the night
3d	33	48	41	North	"	The snow this morning is 3½ inches deep, [illegible] falling... Rain in Evening
4th	39	55	42	"	"	High winds. Mail arrived from ~~the~~ Bay & left for Galena
5th	32	59	40	East	Clear	High winds..
6th	47	46	49	" Shifted at 11 A.M. to S.E.	Cloudy. Clear in the evening	Heavy rain commenced at 11 A.M. High wind – Rain ceased at 4 P.M.
7th	62	71	50	South	"	Rain part of the day. Very high winds –
8th	45	60	51	"	Clear	Very high winds..
9th	42	66	60	"	Cloudy – Clear in the evening	Rain at intervals.. Mail arrived from Galena & left for the Bay
10th	63	84	78	"	Clear	High winds.
11th	71	73	69	"	Cloudy	High wind, and frequent showers..
12th	66	83	67	"	"	Very high wind & Showers. Express arrived from Rock Island (to day) & Express left for the [illegible]
13th	64	61	53	"	"	Rain all day –
14th	48	58	48	"	"	High winds..
15th	45	58	50	West	"	Showers and high winds.. Mail arrived from Bay & left for Galena
16th	48	72	68	South	Clear	

831
883
831
17.14

32|1578(

17th	60	77	60	North		Clear			Rain until 9 o'clock—
18th	50	75	59	″	791	″			Express arrived from the Mines, & returned, with Arms—
19th	42	62	54	″	797	″			Express arrived from the mines
20th	55	57	54	″	791	″	—Misty a short time—		Express returned to the Mines. The last three days expresses arriving from and returning to, the seat of war—
21st	43	63	60	South	1588	Cloudy			
22nd	55	73	57	S W		″		N 9	Express arrived from Gratiot Grove, & returned, this morning—
23rd	53	58	56	South	797	″		N W ″	Showers this afternoon}
24th	41	67	53	West	791	″		N E ″	Showers in afternoon—} Corpl Carter left, on Express to Mineral Point}
25th	47	69	58	South		″		E 3	Ditto Ditto—} Express arrived from the Mines}
26th	48	66	58	North	797 92	″		S E ″	Corpl Carter returned}
27th	57	72	61	West	1574	Clear		S 14 prev	
28th	65	79	60	South		Cloudy		S W 2	Rain in the evening}
29th	59	63	53	North		″		W 3	Rain all night & morning} High wind}
30th	50	70	61	″		Clear		31	Express arrived from the neighbourhood of the mines}
31st	53	78	65	South		Cloudy		{Showers}	Express left for [illegible] [illegible]} Two Companies under the immediate command of Capt G. Low, consisting of 80 rank and file, departed at 11 o'Clk for Galena—[illegible] Capt Low, Lieut Johnson, [illegible] and [illegible]— Genl Brady & his Family departed in company with the above in one of the Batteaux. Left the Portage at 1 o'Clk P.M.
Total	1576	2037	1724						
Mean	5224	6522	55/9						

Diary of the Weather at Fort Winnebago. M. T. for the Month of June 1832

Dates 1832		Thermometer A.M. 7	P.M. 3	P.M. 9	Winds	Weather		Remarks
June	1st	61	64	66	South:	Cloudy		Rain nearly all day.
	2d	65	71	65	〃	〃	N 5	Rain .. High winds
	3d	57	62	57	North	〃	NW 〃	Ditto.
	4th	54	70	61	〃	〃 〃	NE 1	Light rain ..
	5th	56	72	67	S. W.:	Clear	E 2	
	6th	57	78	66	North	〃	SE 1	Light company "K" arrived, Lieut Hampson commanding of 5th Infy
	7th	57	82	70	South	〃 〃	S 17 prev'g	
	8th	66	93	72	〃	〃	SW 2	
	9th	65	87	73	〃	〃	N 2	
	10th	73	90	76	〃	〃	30	
	11th	72	90	78	〃	〃		High wind ..
	12th	73	90	76	〃	〃		
	13th	77	92	72	〃	Cloudy		Showers and high wind!
	14th	75	84	69	North .. S.E.	〃		Ditto ..
	15th	80	88	72	South	〃		Mail arrived from Green Bay. Showers

16th	76	81	69	S. West	Cloudy		Showers. Mail left for
17th	66	69	56	East	"		Rain all day Mail arrived from [illegible]
18th	55	66	57	N. East	"		Mail left for G. Bay. Rain part of the day
19th	59	70	60	East	"		
20th	62	77	65	South	Clear		
21st	77	81	67	"			
22d	73	85	69	"	"		Mail arrived from G. Bay.
23d	76	86	74	"	"	Cloudy in the Eveng.	High wind
24th	80	79	68	"	Cloudy		Showers of rain. High wind
25th	74	80	68	S. E.	Clear		Mail arrived from G. Bay. Majr Forsyth (Pay Master) Lieut [illegible] & [illegible] arrived
26th	79	81	69	N.	Cloudy		Showers.
27th	77	84	72	W	Clear		
28th	75	89	78	S	"		Rain in the eveng.
29th	75	92	76	"	Cloudy		Showers (very high wind at night)
30th	70	87	79	W	Clear	Cloudy in the morng.	Very heavy rain until the past 8 o'clk A. M.
Total	2059	2426	2061				
Mean	68.19	80.26	68.21				

Diary of the Weather at Fort Winnebago M. T. the Month of July 1832

Dates 1832		Thermometer A.M. 7	P.M. 2	P.M. 9	Winds	Weather			Remarks
July	1st	75	85	73	South	Cloudy	N	6	Showers of rain
"	2nd	81	89	77	West	Clear	N W	8 [illegible]	
"	3rd	87	93	78	S W	"	N E	1	Mail left for G. Bay .. [illegible]
"	4th	80	91	74	do	"	E	1	
"	5th	87	80	79	N	Cloudy	S E	1	Heavy showers of rain {Thermometer at 12 o'clk 97}
"	6th	86	91	73	N W	Clear	S	7	
"	7th	78	87	72	S W	"	S W	5	
"	8th	72	73	66	N..	Cloudy	W	2 / 31	Mist..
"	9th	64	72	65	"	Clear			
"	10th	68	72	61	"	"			
"	11th	75	79	66	"	"			Genl Dodge arrived with 230 Militia of [illegible]
"	12th	73	78	70	"	"			Generals Alexander & Henry arrived with 1920 Illinois Militia [illegible]
"	13th	72	82	67	N W	"			Mail departed for Green Bay.–
"	14th	77	86	70	S.	"			
"	15th	82	89	74	"	"			15th Detacht of Regulars who arrived 13th July, left with provisions, also Genl Alexanders Brigade, for the [illegible] Lt Johnston left here with the [illegible] Genl Henry's Brigade, also [illegible] and Genl Dodge's detacht departed for the [illegible] with 12 days provisions. The whole force about 900. [illegible] about [illegible] hundred horses left [illegible] of the 12th which [illegible] the [illegible] 40 Militia left here sick, also [illegible] of the [illegible]

16th	80	90	74	S.W.	"	
17th	72	86	76	S.E.	"	
18th	80	90	82	S.W.	"	High wind
19th	83	82	75	West	Cloudy	Lt Hunter left for Green Bay: Showers of Rain
20th	74	89	77	South	"	Showers of rain..
21st	71	68	64	East	"	
22nd	66	78	63	N.E.	Clear	
23rd	70	84	70	South	"	
24th	76	80	67	N.W.	"	Very high winds.. Mail arrived from G. Bay
25th	73	79	65	N.W.	"	
26th	70	87	72	South	"	
27th	68	75	72	"	"	
28th	80	87	70	N.W.	"	
29th	72	77	66	" "	"	Lt Davis arrived from Rock River, Fort Cushcanough
30th	66	77	62	" "	"	
31st	67	76	64	" "	"	Lt Davis departed for Fort Cushcanough.. Lt Hunter arrived.
	2336	2552	2194	/ 70		
			247			
			224			
			21			

Diary of the Weather at Fort Winnebago M. T. for the Month of August 1832

Dates	Thermometer A.M. 7	P.M. 2	P.M. 9	Winds	Weather		Remarks
August 1st	63	82	66	South	Clear	N 1	
2d	76	82	68	"	"	N W 6	
3d	74	88	73	"	"	N E 1	
4th	73	83	69	"	"	E 1	
5th	70	91	73	East	Cloudy.	S E 4	Very heavy showers of rain, & high wind, at 4 P.M.
6th	75	83.	72	N. W.	Clear	S W 5	Mail departed for Galena.–
7th	70	84	72	West.	"	S 8 prevg	High winds!
8th	65	74	66	North	"	W 5 31	
9th	62	73	63	West	"		
10th	61	82	65	N.W.	Cloudy		Showers of rain & very high wind
11th	67	87	69	S.W.	"		very high wind
12th	71	81	72	" "	"		
13th	73	84	73	S.E.	Cloudy		Rain. Mail arrived from Galena.–
14th	73	80	70	" "	"		Mail arrived from Green Bay & Rain in the even & all night
15th	69	69	60	" "	"		Mail left for G. Bay.–

16th	56	69	61	West	Clear	
17th	58	75	61	S.W	"	
18th	64	79	68	" "	"	
19th	70	88	76	S.E.	Cloudy.	Showers—
20th	75	87	74	South	Clear	
21st	73	78	67	N.W	Cloudy	Rain in the morng— Mail arrived from Green Bay—
22nd	65	75	60	" "	Clear	Mail departed for Green Bay!—
23rd	66	79	68	" "	"	
24th	64	70	55	" "	"	Lts Hood & [illegible] departed towards Galena!
25th	64	75	62	South	"	
26th	70	84	69	"	"	
27th	73	84	73	S.W	Cloudy	Rain in the evening. High winds
28th	72	78	64	West	"	High wind. Lts Hood & [illegible] returned. Lt Davis arrived
29th	66	83	72	South	"	Rain in the evening—
30th	73	74	53	N.E.	"	Rain & high wind during most of the day.
31st	52	66	51	West	"	
	2110	2467	2068	66		

186
205
186
22
31

Diary of the Weather at Fort Winnebago M.T. for the Month of September 1832

Dates		Thermometer A.M. 7	P.M. 2	P.M. 9	Winds	Weather			Remarks
Sept.	1st	55	71	55	South	Clear	N	3	Lieut Davies departed for Fort [illegible]..
"	2d	68	74	66	S W	"	NW	3	
"	3d	68	80	66	" "	Cloudy	N E	1	
"	4th	66	73	56	" "	Clear	E	"	High wind. Mail arrived from G. Bay.
"	5th	56	73	57	" "	Cloudy	S E	3	Rain in the afternoon. Mail left for G. Bay.
"	6th	62	73	61	N W	"	S	6	Showers of Rain during the day
"	7th	61	73	58	" "	Clear	S W	13 [illegible]	
"	8th	65	76	54	" "	"	W	1	
"	9th	56	75	68	S E	"		30	Frost. High Wind
"	10th	67	82	69	South	"			Showers of Rain, Lt Whittlesey arrived from G. Bay.
"	11th	56	64	47	West	"			
"	12th	58	72	64	S. W	"			Lt Whittlesey left for Rock Island also Lt Thompson
"	13th	68	76	67	" "	"			
"	14th	64	83	71	" "	"			Lieut Davies arrived from Fort [illegible]..
"	15th	71	88	76	" "	"			
"	16th	74	86	74	" "	"			Lt Davies left..

17th	75	58	72	" "	"	
18th	75	86	72	" "	"	Company "F" and detacht. of "E" returned. Lt. Johnson left the
19th	72	65	57	N. East	Cloudy	Rain and high wind.
20th	60	74	60	South	"	Dr. Findley arrived from the Army of Genl. Scott { Rain in Eveng.
21st	56	60	53	"	"	Showers of Rain } Dr. Findley left for G. Bay }
22d	51	54	42	S. W.	"	
23d	53	76	64	South	"	
24th	60	64	46	S. E.	"	
25th	53	76	62	S. W	Clear	Lt. Porter departed for G. Bay
26th	66	82	68	South	"	
27th	62	78	64	S. E	Cloudy	Rain in the Eveng. Compy. "D" returned.
28th	55	61	49	North	"	
29th	52	54	44	"	"	Rain in the Eveng. } Compy. A returned to G. Bay
30th	42	54	45	"	"	Rain and High wind. Mail arrived from G. Bay
	1847	2192	1807	C6		Lt. Perkins departed on the 30th Inst for N. York, and
			15° 7 30			Lt. Johnson accompanied to Chicago

Diary of the Weather at Fort Winnebago. M. T. for the month of October, 1832

Dates	Thermometer A.M. 7	P.M. 2	P.M. 9	Winds	Weather			Remarks
October 1st	41	54	50	N.E.	Cloudy	N	6 prev'g	
2d	50	70	57	N.	Clear	NW	5	
3d	54	67	54	W	"	N E	3	
4th	52	78	58	"	"	E	5	
5th	54	70	62	S.E.	Cloudy	S E	3	Rain in the evening.
6th	61	66	57	South	"	S	4	Rain in the morning.
7th	55	66	56	E	Clear	S W	3	
8th	61	62	63	"	Cloudy.	W	2	Rain & high winds.—
9th	58	65	56	N.E.	"		31	Very high winds.—
10th	53	62	56	E	"			Mail arrived from Galena.—
11th	55	66	52	"	Clear			Mail left here for G. Bay.—
12th	58	66	51	"	"			Lt. Johnston returned from Chicago.—
13th	50	59	42	N.	"			
14th	37	53	44	"	"			
15th	42	64	58	S	"			
					"			

16th	56	78	67	S. W.	"	Very high winds.–
17th	69	75	68	S. E.	Cloudy	High winds. Rain at night.– Mail arrived fro 5 O'c
18th	58	68	62	North	"	Rain–
19th	64	72	62	N. E.	"	Ditto
20th	49	62	49	North	Clear	
21st	41	70	53	South	"	
22d	54	62	44	N. W.	Cloudy	High winds.–
23d	40	59	41	" "	"	Genl Dodge arrived from Galena.–
24th	42	62	50	" "	"	
25th	38	58	43	North	"	
26th	48	56	52	S. E.	"	Rain
27th	39	55	40	N. W.	"	
28th	32	55	44	" "	Clear	Lt Anter arrived
[illegible]	38	62	42	South	"	
30th	38	63	52	S. W.	"	
31st	52	66	61	" "	"	Mail arrived from G. Bay
Total	1539	1991	1621			Mail left for Galena
Mean	49.20	64 [illegible]	52 9			

Diary of the Weather at Fort Winnebago M.T. for the Month of November 1832

Dates	Thermometer A.M. 7	P.M. 2	P.M. 9	Winds	Weather			Remarks
Novr 1st	57	68	52	N.W.	Clear	N	7 prev g	Lieut Center left here
2d	42	66	56	North	"	NW	2	
3d	62	68	52	N E	Cloudy	N E	7	
4th	42	48	40	East	"	E	4	
5th	39	45	34	N.E.	"	S E	·	Snow in the evening
6th	32	34	32	" "	"	S	1	Major Forsyth (Paymaster) arrived. & Lt Col Cutler arri
7th	30	43	29	" "	Clear	S W	5	Mail arrived from Galena and departed for G Bay
8th	24	39	33	N W	"	W	4	Lt: Col: Cutler assumes command of the Post
							30	
9th	33	51	40	North	"			
10th	38	53	50	"	"			
11th	32	44	32	"	"			
12th	34	56	42	S.W.	"			
13th	34	38	26	West	"			
14th	19	27	17	North	"			Mails arrived from G Bay & left for Galena
15th	12	34	34	S.W.	"			
16th	31	54	47	" "	"			Lt Center arrived from the Bay

17th	47	44	36	North	Cloudy	St Center departed for G. Bay {Error}
18th	24	24	22	N. E	"	Snow & high wind
19th	24	28	26	North	"	Snow & high wind
20th	7	37	14	S. W.	Clear	St Center departed.–
21st	14	34	30	" "	"	
22nd	30	39	34	N. E.	Cloudy	Snow: Mail arrived from "Galena" & left for "G. Bay"
23rd	28	38	29	East	"	Snow in the evening!
24th	18	34	20	N. E	Clear	
25th	32	40	41	East	Cloudy	
26th	34	46	39	West	"	
27th	35	47	36	"	Clear	
28th	36	54	32	"	"	
29th	39	41	39	East.	Cloudy.	Light rain; Mail arrived from G. Bay;
30th	35	44	36	South.	"	Mail left for Galena;
	994	1318	1050			
	33.4	43.9	35			

19 11

Diary of the Weather at Fort Winnebago M.T. for the Month of December 1832

Dates	Thermometer A.M. 7	Thermometer P.M. 2	Thermometer P.M. 9	Winds	Weather			Remarks.
Decemr 1st	29	36	34	East	Cloudy			
2d	34	41	37	〃	〃	N	4	Snow part of this day.
3d	32	33	28	North	〃	NW	5	Ditto at intervals! High wind..
4th	29	36	30	West	Clear	NE	1	
5th	28	47	33	South	〃	E	3	Mail arrived from Galena, & left for G. Bay.
6th	36	42	39	East	Cloudy	SE	8 heavy	Rains..
7th	39	43	39	S.E	〃	S	8	Snow & Rain..
8th	37	46	31	N.E.	〃	SW	〃	
9th	28	52	32	South	Clear	W	2	
10th	23	51	33	〃	〃		31	
11th	27	57	36	〃	〃			
12th	30	38	36	〃	Cloudy			Light rain..
13th	30	39	33	〃	〃			Mail arrived from G. Bay, and left for Galena
14th	32	37	38	S.E.	〃			
15th	33	36	34	〃	〃			
16th	34	40	35	〃	〃			Light rain.

17th	30	33	29	North	"	
18th	21	27	23	"	"	Light Snow.
19th	13	23	12	"	Clear	Mail arrived from Galena & departed for G. Bay.–
20th	x2	16	5	N.W.	"	High Wind.–
21st	1	23	6	West	"	
22nd	13	24	20	S.E	Cloudy	Light Snow.
23rd	23	34	33	" "	"	
24th	39	50	31	N.W.	Clear.–	
25th	26	44	39	S.E	Cloudy	
26th	40	47	36	" "	"	Rain
27th	21	28	21	N.W.	"	High Wind.
28th	19	43	27	N.W	Clear	Mail arrived from G. Bay & left for Galena
29th	19	47	31	N.W	"	
30th	35	54	50	South	"	High Wind at night.
31st	54	51	47	"	Cloudy	Light rain
Total	855	1120	960			
Mean	27 5/2	36.4/	30.30/			

Diary of the Weather at Fort Winnebago, M. T. for the Month of January 1833.

1833 Dates	Thermometer A.M. 7	P.M. 2	P.M. 9	Winds	Weather		Remarks
January 1st	32	48	32	N.	Clear	N 6	
2d	40	48	43	N. E.	Cloudy	NW 4 prevg	Rain. Mail arrived from Galena & left for the Bay
3d	44	63	60	S. E.	"	N E 6	Ditto.
4th	53	49	43	N. W	"	E 2	Ditto.
5th	40	51	49	East	"	S E 1	Ditto
6th	36	46	32	N	"	S 4	
7th	26	27	23	N. W.	"	S W 6	
8th	20	41	34	S.	Clear	W 2	
9th	24	18	8	N. W.	Cloudy	31	Light snow High winds
10th	×11	5	2	N. W	Clear		" " Mail arrived from the Bay
11th	7	18	4	N.	"		Mail departed for Galena.
12th	×2	24	23	S. W	Cloudy		
13th	19	39	25	" "	Clear		
14th	10	33	12	North	"		
15th	20	36	26	South	"		
16th	1	10	×1	West	"		High winds! Mail arrived from Galena & left for the Bay

17th	×4	22	30	S.W.	Cloudy	High winds
18th	20	37	30	" "	Clear	Ditto.
19th	26	52	46	South	"	Ditto, at night.
20th	33	41	38	S.W.	Cloudy	
21st	29	39	34	East	Clear	
22nd	31	39	38	South	Cloudy.	Very light wind!
23rd	38	50	37	S.W.	"	Ditto Do at night!
24th	36	52	36	North	Clear	High wind at night! Mail arrived from the Bay & left for G.
25th	13	33	17	"	"	Ditto Do. .
26th	7	30	21	West	"	
27th	21	34	26	N.E.	Cloudy	Snow
28th	10	31	31	" "	"	
29th	34	59	36	" "	Clear	
30th	35	39	33	" "	"	Mail arrived from Galena & left for the Bay.
31st	24	40	20	" "	"	Express arrived from G. Bay with the Eastern Mail.
Total	712	1154	888			
Mean	$26\frac{6}{31}$	$37\frac{7}{31}$	$28\frac{20}{31}$			

Diary of the Weather at Fort Winnebago. M. T. for the Month of February 1833

Dates 1833	Thermometer			Winds	Weather		Remarks
February 1st	19	34	26	N.E.	Clear		
2d	24	49	35	N	"	N 1	
3d	21	48	33	N.E	Cloudy	NW 5	Light snow. Lieut Merrill arrived from G. Bay
4th	32	42	36	S.W.	Clear	NE 9 prevg	Doctor Satterlee arrived from G. Bay
5th	36	42	29	N.W.	"	E 3	High winds at night
6th	14	37	24	" "	Cloudy	SE 1	Surgeon Satterlee assumes the charge of the Hospital
7th	8	45	29	S.W.	Clear	S 4	Mail arrived from G. Bay}
8th	30	62	46	South	"	SW 4	Mail departed for Galena}
9th	29	60	41	N.E.	Cloudy	W 1	
						28	
10th	32	37	23	" "	"		
11th	20	34	24	" "	Clear		
12th	16	38	25	" "	Cloudy		
13th	13	46	29	" "	Clear		At 6 A.M. 10 above Zero
14th	21	49	30	South	"		
15th	20	53	35	"	"		
16th	29	54	40	East	Cloudy		

17th	39	59	36	S. E.	"	Very high wind
18th	26	41	32	East	"	Ditto. Light snow.
19th	29	42	20	"	"	Ditto
20th	5	20	18	S. W.	Clear	
21st	17	47	44	" "	"	Very high wind.
22nd	38	35	23	N. E.	Cloudy.	
23rd	13	17	14	" "	"	Snow
24th	4	17	8	N. W.	Clear	
25th	1	26	18	" "	Cloudy	
26th	16	23	15	" "	"	Snow.
27th	×1	16	2	West	"	
28th	3	19	7	S.	Clear	
	554	1082	742			
	$19\frac{22}{28}$	$38\frac{18}{28}$	$26\frac{14}{28}$			

212
354
32 | 766.

$3\frac{2}{2}$

212
354
766

Diary of the Weather at Fort Winnebago M. T. for the Month of March 1833

Dates	Thermometer			Winds	Weather			Remarks
	A.M. 7	P.M. 2	P.M. 9					
March 1st	x4	14	x2	N. E.	Cloudy			
" 2d	x13	11	0	S. W.	Clear			
" 3d	13	29	19	West	"			Very high winds
4th	12	24	19	S. W.	"			
5th	25	44	29	" "	" Cloudy at intervals			Light snow in the morn'g.
6th	26	42	32	" "	Clear			
7th	34	39	30	East	Cloudy	N	6	Light snow
8th	26	44	39	S	Clear	N W	11	
9th	36	49	39	"	"	N E	4	
10th	30	48	34	East	Cloudy	E	3	Very light snow
11th	33	33	27	N E	"	S E	2	Snow
12th	17	32	26	" "	Clear	S	6	
13th	19	36	32	S W	"	S W	9 prev'g	
14th	36	46	29	" "	"	W	1	Snow before day light.
15th	25	48	32	" "	"		31	
16th	31	56	47	S. E.	Cloudy			Very dark even'g! Lightning.

17th	53	68	60	South	"		
18th	60	63	57	"	"		
19th	57	63	58	S. E.	"		Rain
20th	53	59	53	N	"		Rain
21st	53	52	43	N E	"		
22	45	55	42	N	Clear		
23	41	60	53	S	"	Cloudy in the Evening	Rain & high wind commenced at 8 o'clock P.M.
24th	42	47	33	N	Cloudy		High wind. Light snow & rain
25th	26	42	32	"	Clear		
26th	31	42	31	"	"		
27th	29	39	29	"	"		
28th	30	43	32	E	"		
29th	39	53	42	S. W.	"		
30th	47	64	48	" "	"		
31st	58	71	54	South	"		
Total	1009	1416	1098				
Mean	32 17/31	45 21/31	35 13/31				

Diary of the Weather at Fort Winnebago M.T. for the Month of April 1833

Dates	Thermometer			Winds	Weather	Remarks
	A.M. 7	P.M. 2	P.M. 9			
April 1st	52	71	53	S.W	Clear	
2d	50	68	50	S	"	
3d	50	57	48	N	Cloudy	Rain.
4th	42	59	46	"	Clear	
5th	46	63	51	S	"	
6th	50	69	52	"	"	
7th	52	71	59	N.E.	Cloudy	
8th	54	69	59	S.E	"	Rain.
9th	46	54	44	" "	"	Rain — High wind
10th	43	51	41	East	"	Ditto, and High winds at night
11th	44					Broken during a storm of hail.
12th						
13th						
14th						
15th						
16th						

17th						
18th						
19th						
20th						
21st						
22d						
23d						
24th						
25th						
26th						
27th						
28th						
29th						
30th						

Diary of the Weather at Fort Winnebago M. T. for the Month of May 1833.

Dates				Winds	Weather	Remarks
May 1st				N. E.	Cloudy	Rainy during the whole day and night.
" 2d				" "	"	Ditto, most part of the day and night.
3d				" "	"	Ditto.
4th				S	Clear	
5th				"	"	
6th				"	"	At times overcast with high wind. Sultry.— Summer
7th				"	"	High wind. Very warm.
8th				"	"	Warm
9th				N.	" Cloudy in afternoon	Light rain in the afternoon, Cool all day
10th				S.	Clear — Cloudy in Even'g	Pleasant until even'g when it became cloudy with light rain
11th				N. W.	"	Pleasant.
12th				N.	Cloudy — Clear in the afternoon	Rain in the forenoon and cool.
13th				"	Clear	Cool yet pleasant
14th				E	"	Mild.
15th				N. W.	"	Ditto.
16th				S. E	"	Warm with high wind.

17th	S.W.	" Cloudy until 9 o'clk		Rain early in the morning subsequently clear pleasant
18th	" "	"		Mild. –
19th	" "	"	N 6	Warm
20th	N. E.	Cloudy	NW 2	Rain during most of the day. Mild. –
21st	N	Clear	N E 8	Cool. –
22d	"	"	E 2	Frost this morn'g Cool
23d	"	"	S E 1	Warm. at day light, frost. –
24th	S.	"	S [illegible]	"
25th	"	"	S W 3	" Before day light some rain. –
26th	N E	Cloudy	W 1	Rain all day and cold. Dr Foot arrived from the Prairie
27th	" "	"	31	Rain during the night until early this morning. Dr Foot left for G. Bay colder
28th	" "	"		Cold.
29th	" "	"		"
30th	E.	Clear. Cloudy at times		Cool in the morn'g Pleasant during the day
31st	W	"		Warm. –

Diary of the Weather at Fort Winnebago. M.T. for the Month of June 1833

Dates				Winds	Weather			Remarks.
June 1st				N. E	Cloudy			Rain all day, and very cold for the season—
" 2d				" "	"	N	"	Ditto, Ditto— Do—
" 3d				E	Clear	N W	4	Pleasant.
4th				N. W.	"	N E	2	Pleasant—
5th				E.	Cloudy	E	5	Heavy rain.— Mild
6th				"	"	S E	4	Rain.— mild—
7th				W	Cloudy	S	4	Ditto in the afternoon— Mild
8th				"	Clear	S W	6 / fair/	Pleasant
9th				N. W	Cloudy	W	5	Drizzling rain in the forenoon. Mild.— Thunder.—
10th				W	Clear		30	Warm.—
11th				S. E	" until even.g, then cloudy.			very warm.... Genl Dodge arrived.—
12th				" "	Cloudy.			Rain most part of the day, with thunder.— Moderat.y warm.
13th				N. W.	"			Drizzling a few moments— Mild in the forenoon, cool in afterno
14th				S	"			very heavy & frequent showers, thunder, & high wind. . Mild
15th				S. W	Clear			Warm.. Revd Mr Kent from Galena arrived.— [A. Kent]
16th				W	"			Mild—

17th				S. W		Cloudy	Very heavy Showers. Warm in the afternoon.
18th				S. E		Cloudy in the forenoon, then clear.	Rain in the morng. — very warm —
19th				E	W in the Afternoon	"	Rain in the forenoon — Ditto — High winds —
20th				S. W		Clear — Cloudy in the afternoon	Rain in the Eveng.
21st				" "		"	Two Companies of Rangers arrived — Very warm in the day
22d				" "		"	Warm —
23d				S. E		Cloudy	Rain all day — cool
24th				N. W		Clear	Pleasant. —
25th				" "		"	Ditto. Revd. Mr Hunt left here for Galena
26th				W		"	Ditto. Genl. Dodge with the Rangers departed —
27th				E		"	"
28th				S		"	Warm
29th				"		"	Ditto
30th				"		Cloudy —	Ditto. Very heavy Rain and high wind —

Diary of the Weather at Fort Winnebago M. T. for the Month of July 1833

Dates				Winds	Weather			Remarks
July 1st				N. W	Cloudy.	N	"	Cool
2d				N W	Clear	NW	3	Mild
3d				N.W.	"	NE	3	Ditto
4th				N.W.	"	E	1	Ditto.
5th				S. E	Cloudy	S E	6	Warm. Heavy Showers in the Even.g — High wind —
6th				" "	"	S	12/[illegible]	Light rain at intervals. Sultry —
7th				" "	"	S W	1	Heavy Showers. Warm.
8th				" "	"	W	5	Drizzling rain at times. Sultry —
							31	
9th				S.	Clear			Warm —
10th				W	"			Very sultry in the evening —
11th				"	"			Ditto —— Ditto —
12th				S E	Cloudy			Heavy rain with high wind approaching a hurricane —
13th				E	"			
14th				W	"			Rain. Very high winds — Cool!
15th				"	Clear			Mild.
16th				"	"			Very Warm in the Even.g, mitigated by a pleasant breeze

17th				N.E.	"	Warm.
18th				S.	"	
19th				"	"	Very Warm.
20th				"	"	Very Sultry; believed to be the warmest day that has occurred this
21st				"	"	Very Sultry; exceedingly warm yesterday & to day.
22d				"	" Cloudy afternoon	The same degree of heat until afternoon, when mitigated by Showers [illegible] Majr Gordon & Capt Bailey, U.S.A arrived.
23d				N.E.	Clear Ditto	Less warm in the morning, in Showers & high wind in afternoon [illegible] [illegible] & four others of the [illegible] Party arrived — [illegible] arrived
24th				" "	Cloudy	Warm, but less so than yesterday! Majr Gordon & [illegible] left here this morning
25th				" "	Clear	Warm, — [illegible] & St Surgl —
26th				S	"	Very Sultry in afternoon. Thunder & Shower in Even. "Medical Board" arrived in the Evening
27th				"	"	Ditto
28th				"	"	Ditto. (Dr [illegible] arrived.)
29th				"	Cloudy	Ditto and Showers. Medical Board left here.
30th				"	Clear	
31st				"	"	

Diary of the Weather at Fort Winnebago M. T. for the Month of August 1833.

Date				Wind	Weather	Remarks
Augst 1st				S. W.	Clear	Warm
" 2d				"	"	Ditto
" 3d				"	"	Ditto
" 4				South	Cloudy	Ditto Thunder & heavy rain in the afternoon
5				South	Clear	Ditto distant Thunder
6				East	Clear	Ditto
7				East	Clear	Milder
8				S. E.	Cloudy Cloudy Cloudy	Light rain in the afternoon, frequent showers of rain through the day
9				South	Clear	pleasant
10				South	Clear	Rather cool
" 11				S. W.	Cloudy	High wind & rain during the day
" 12				West	Cloudy	Rain during the night with high wind, frequent showers through the day
" 13				N. W.	Clear	Cool. light wind
" 14				South	Rainy	Mild light rain by intervals
" 15				North	Cloudy	Cool. rain in the afternoon
" 16				S. W.	Clear	Thick Fog this morning

17	South	Clear	N	3	Mild
18	South	Clear	NW	1	Mild
19	South	Cloudy	NE	1	Cool & Rain
20	South	Clear	E	2	Warm. Capt. [illegible] arrived
21	North	Clear	SE	1	Warm and sultry a Mail arrived from the Bay
22	N. E	Clear	S	10 [illegible]	Warm
23	S. W	Clear	SW	10	Warm
24	S. W	Clear	W	2 31	Warm
25	S. W	Clear			Warm
26	West	Clear			Warm
27	North	Cloudy			Cool Thunder Lightning & heavy rain in the night Doctor McDougall arrived
28	S. W	Clear			Milder Light rain by intervals through the day
29	South	Cloudy			Warm
30	South	Clear			Warm
31	S. W	Clear			Warm

Diary of the Weather at Fort Winnebago M. T. for the Month of September 1832.

Dates				Winds	Weather			Remarks
September 1				East	Clear	N	7	Mild
2				S. E.	Cloudy	N W	6	Thunder & heavy rain from 9 o'c P.M. to 11 o'c. A.M.
3				S. W.	Cloudy	N E	.	Thunder & heavy rain all night, also this afternoon, sultry
4				West	Cloudy	E	3	Heavy rain continued all night & forenoon
5				S. West	Clear	S E	2	Warm
6				South	Clear	S	1	Warm & sultry
7				North	Cloudy	S W	7 prevg	Cool light rain in the afternoon
8				S. E.	Cloudy	W	4 30	Cool
9				N. W.	Cloudy			Rain all night and day
10				West	Clear			
11				N. W.	Clear			Light rain in the afternoon
12				N. W.	Clear			Temperate
13				West	Clear			do.
14				West	Clear			do.
15				N. W.	Clear			do.
16				N. W.	Clear			do.

17				North	Cloudy	Warm rain all night continued till 12 M.
18				North	Cloudy	Sultry
19				North	Cloudy	Warm
20				North	Clear	Light rain in the evening
21				North	Clear	Pleasant
22				North West	Clear	Thick fog in the morning
23				North West	Clear	Mild
24				S. W	Clear	Mild
25				S. W	Cloudy	High wind in the afternoon
26				East	Clear	Mild
27				East	Clear	Mild
28				S. W	Cloudy	~~[illegible]~~
29				S. W	Cloudy	High wind and rain all day
30				North	Cloudy	Wild geese and ducks flying towards the south
31						

Diary of the Weather at Fort Winnebago M. T. for the Month of October 1833 –

Dates				Winds	Weather			Remarks
1				S. W	Cloudy	N	8 [illegible]	Heavy Rain from 12 M Continued all night with high wind
2				S. W	Cloudy	N W	4	Continued all night
3				S. W	Clear	N E	2	Light Frost the morning
4				South	Cloudy	E	"	Heavy frost in the morning
5				South	Cloudy	S E	"	Heavy Rain in the night continued during the day
6				North	Cloudy	S	8	Rain continued
7				North	Cloudy	S W	5	Rain continued
8				N. W	Cloudy	W	1	
							31	
9				N. W	Cloudy			Light Rain in afternoon
10				South	Cloudy			Rain during the night
11				South	Cloudy			Light Shower
12				West	Clear			
13				N. W	Clear			
14				N. E.	Cloudy			Heavy Rain all day
15				South	Cloudy			Continued Rain
16				N. E	Cloudy			Rain continued all night

17				N. W.	Cloudy	Thunder, Lightning and Heavy Rain all night. Sleet during the day accompanied with high wind
18				N. W.	Cloudy	Rain at night, slight Frost & Snow this Morning
19				North	Clear	Frost this morning
20				North	Clear	Severe frost during the night
21				North	Clear	Frost last night
22				North	Cloudy	Snow during the night 1 inch deep
23				South	Cloudy	High wind
24				S. W.	Cloudy	Rain during the night. High wind
25				S. W.	Cloudy	High Wind
26				N. W.	Cloudy	High Wind
27				N. W.	Clear	High Wind
28				North	Cloudy	Snow during the night
29				North	Cloudy	Light snow in the afternoon High wind
30				South	Clear	Frost this morning
31				South	Clear	Frost this morning

Diary of the Weather at Fort Winnebago M. T. for the Month of November 1830

Dates				Winds	Weather		Remarks
1				South	Clear	N 9	
2				West	Cloudy	NW 2	Prairie on fire
3				East	Cloudy	NE 1	
4				S. E.	Clear	E 1	Rain in the afternoon
5				South	Cloudy	SE 3	
6				S. E.	Cloudy	S 12 [illegible]	
7				South	Cloudy	SW "	Light rain in the night
8				South	Cloudy	W 2 30	Heavy rain during the night and forenoon
9				North	Clear		
10				South	Cloudy		Light frost at night
11				South	Cloudy		Light frost at night
12				South	Clear		Light frost at night. During the night a [illegible] afternoon
13				South	Clear		
14				West	Cloudy		
15				N. W.	Cloudy		Light snow accompanied with high wind
16				North	Cloudy		High wind

17				North	Cloudy	Light snow in the forenoon
18				N. E	Clear	Freezing
19				South	Cloudy	
20				South	Cloudy	
21				North	Clear	Light snow during the night
22				North	Cloudy	Snow all day
23				North	Cloudy	Snow continued through the night
24				North	Cloudy	Severe frost during the night
25				North	Clear	Continued do
26				South	Cloudy	
27				North	Clear	
28				South	Clear	Mild & pleasant Weather
29				S. E	Clear	do
30				N. E	Cloudy	

Diary of the Weather at Fort Winnebago M. T. for the Month of December 1833

Dates				Winds	Weather		Remarks
1				West	Clear	N 8	
2				East	Cloudy	NW 2	Light rain through the day
3				South	Cloudy	NE 1	
4				South	Cloudy	SE 1	Light rain through the day
5				S. W.	Clear	S 9 [illegible]	Light frost this morning
6				South	Cloudy	SW 1	Light Rain
7				West	Cloudy	W 6	Light Snow during the night
8				West	Cloudy	E 3	Snow Continued
9				North	Cloudy	31	
10				South	Cloudy		
11				South	Cloudy		Heavy Snow during the night
12				South	Cloudy		Snow continued
13				S. E.	Cloudy		
14				East	Cloudy		
15				East	Cloudy		Light Snow during the night Continued through the day
16				N. E.	Cloudy		Snow Continued

17	North	Cloudy	Misted
18	North	Clear	do
19	North	Cloudy	do
20	South	Cloudy	do
21	West	Cloudy	Light snow
22	N. W.	Clear	
23	South	Cloudy	Light snow during the day
24	North	Cloudy	Heavy snow during the night
25	North	Cloudy	
26	North	Clear	Moon eclipsed at 20 minutes past 7 P. M.
27	North	Clear	Severe frost
28	West	Cloudy	
29	West	Cloudy	Snow in the night
30	South	Cloudy	do succeeded by a thaw
31	N. W.	Cloudy	Severe frost

Last of the Book

Diary of the Weather for the Month of January 1834 at Fort Winnebago M. T.

Date	Thermometer A. M. 7	 P. M. 2	 P. M. 9	Winds	Weather			Remarks
1				N. W	Clear	N	8	Very cold
2				North	Cloudy	N W	11 prevailing	Very cold high wind & light snow
3				N. W.	Cloudy	N E	0	do high wind
4				N. W	Cloudy	E	0	do
5				South	Clear	S E	1	
6				West	Cloudy	S	6	Snow during the night
7				North	Cloudy	S W	3	
8				S. W	Clear	W	2	
9				West	Clear		31	
10				North	Cloudy			Snow
11				N. W	Cloudy			Snow & high wind
12				N. W	Cloudy			Snow & high wind
13				South	Cloudy			
14				North	Clear			
15				S. E	Cloudy			
16				South	Cloudy			Light Rain

17				North	Clear	Heavy Rain during the night
18				North	Cloudy	Freezing
19				N. W	Cloudy	Snow during the night
20				N. W	Cloudy	High Wind
21				N. W	Clear	Severe frost
22				South	Clear	
23				North	Cloudy	Snow all day
24				North	Cloudy	Snow
25				S. W	Cloudy	Snow
26				N. E	Cloudy	Snow continued during the night High Wind
27				N. W	Cloudy	
28				N. W	Clear	
29				South	Cloudy	
30				South	Cloudy	
31				S. W	Clear	

Diary of the Weather at Fort Winnebago M. T. for the Month of February 1834

Dates	Thermometer [illegible] 7	 [illegible] 2	 [illegible] 9	Winds	Weather		Remarks
1				South	Clear	N 5	
2				S. West	Clear	N W 11	pleasant thaw
3				S. West	Clear	N E 1	do
4				South	Clear	E 3	do
5				North	Clear	S E 3	do
6				South	Clear	S 11 prev'g	do
7				South	Cloudy	S W 4	
8				South	Cloudy	W 1 28	Light rain in the afternoon frost the evening
9				South	Clear		
10				South	Clear		
11				North	Clear		
12				North	Clear		
13				South	Cloudy		
14				S. E	Cloudy		
15				South	Cloudy		Snow during the night
16				West	Cloudy		Light snow

17				East	Cloudy	Snow continued
18				S. W	Cloudy	
19				South	Clear	
20				South	Cloudy	Light rain all day
21				East	Cloudy	
22				S. E	Cloudy	
23				East	Cloudy	
24				North	Cloudy	Snow with high wind
25				N. E	Cloudy	High wind freezing
26				S. W	Cloudy	High wind
27				S. E	Cloudy	Some light snow
28				South	Cloudy	High wind

Diary of the Weather for the Month of March 1834 at Fort Winnebago M. T.

Date	Thermometer A.M. 7	P.M. 2	P.M. 9	Winds	Weather		Remarks
1				North	Cloudy	N 10 days	Snow accompanied with high Wind
2				North	Clear	N W 3	Snow during the night
3				South	Clear	N E ″	High Wind
4				North	Cloudy	E 1	Do
5				South S	Cloudy	S E ″	Light snow in the forenoon
6				North	Cloudy	S 10	Lightning & heavy rain all night
7				S. W.	Cloudy	S W 6	continued
8				South	Cloudy	W 1	
9				South	Cloudy	31	
10				South	Cloudy		
11				South	Cloudy		
12				N. W.	Clear		
13				South	Cloudy		
14				South	Cloudy		
15				South	Cloudy		White Geese flying towards the North
16				North	Cloudy		

17			West	Cloudy	
18			North	Clear	
19			North West	Cloudy	
20			North	Cloudy	Heavy fall of snow all night & day, high wind
21			S. W.	Clear	
22			S. W.	Cloudy	Light snow in the afternoon
23			North	Clear	& continued through the night
24			East	Clear	
25			North	Clear	
26			North	Clear	
27			S. W.	Clear	
28			S. W.	Cloudy	
29			S. W.	Clear	
30			S. W.	Clear	
31			South	Cloudy	Rain

Diary of the Weather at Fort Winnebago M. T. for the Month of April 1834

	Winds	Weather			Remarks
1	S. West	Cloudy	N	11 prevg	Rain in the afternoon
2	N. W.	Clear	N W	2	
3	East	Clear	N E	2	
4	South	Clear	E	2	
5	South	Clear	S E	2	
6	South	Clear	S	4	
7	N. E.	Clear	S W	6	
8	N. W.	Clear	W	1	
9	North	Clear		30	
10	North	Clear			
11	S. W.	Clear			
12	S. W.	Clear			
13	East	Clear			
14	S. E	Clear			
15	South	Clear			
16	North	Clear			Thunder Lightning & Rain in afternoon.

17				North	Clear	
18				N. E.	Clear	Light rain during the night
19				S. W	Cloudy	Heavy rain all day
20				S. W	Clear	Thunder Lightning & high wind during the night
21				North	Cloudy	Thunder & Lightning during the night high wind & heavy rain continued through the day
22				S. W	Cloudy	Continued all night & day with hail, very stormy
23				North	Cloudy	High Wind
24				North	Cloudy	Light snow at Noon
25				North	Cloudy	High wind from the morning
26				North	Cloudy	do do
27				North	Clear	High wind in the forenoon
28				West	Cloudy	
29				S. E.	Cloudy	
30				North	Clear	

Diary of the Weather at Fort Winnebago for the Month of May 1834

Date	Thermometer			Winds	Weather			Remarks
	7	2	9					
1				S. W.	Cloudy	N	7	Rain in the afternoon
2				S. W.	Cloudy	NW	1	
3				South	Cloudy	NE	0	High Wind
4				South	Cloudy	E	1	do Rain in the afternoon
5				West	Cloudy	SE	0	Rain continued all night & day
6				S. W.	Cloudy	prevailing S	13	Rain continuing, high wind
7				N. W.	Cloudy	SW	8	do Sleet the morning
8				North	Cloudy	W	1	Rain in the afternoon
9				North	Clear		31	
10				S. W.	Cloudy			Rain in the forenoon
11				North	Clear			
12				North	Clear			Frost in the night
13				North	Clear			do
14				East	Clear			High Wind
15				North	Clear			
16				S. W.	Clear			

17				S. W.	Clear	Light Wind
18				S. W.	Clear	Heavy rain in the afternoon
19				South	Clear	Sultry. Rain in the evening
20				South	Clear	do
21				South	Clear	Very warm
22				South	Clear	do
23				S. W.	Cloudy	Rain
24				South	Clear	Warm
25				South	Clear	do
26				South	Clear	do
27				South	Clear	do Rain in the evening
28				South	Cloudy	Thunder Lightning & Heavy rain all day & Night
29				South	Cloudy	Frequent Showers during the day
30				South	Cloudy	do
31				South	Cloudy	do

Diary of the Weather at Fort Winnebago for the Month of June 1834

Date				Winds	Weather			Remarks [illegible]
1				North	Cloudy	N	5	High wind & light rain at intervals
2				N.W.	Clear	NW	7	
3				S.W.	Clear	N E	"	
4				West	Cloudy	E	"	Rain all night
5				South	Cloudy	S E	"	
6				West	Clear - prevailing	S	10	Rain from 3 o'c P.M. to 11 P.M.
7				South	Clear	S W	4	Day warm
8				S.W.	Cloudy	W	4	Thunder & lightning & heavy rain in the forenoon high wind
9				South	Clear		30	Do do do all night do
10				N.W.	Clear			High wind all day
11				West	Clear			
12				N W	Cloudy			Rain in the afternoon
13				N W	Cloudy			Continued all night
14				South	Clear			Warm
15				South	Clear			
16				North	Cloudy			Heavy rain in the afternoon

17				North	Cloudy	Continues all night. frequent showers in the day
18				N. W.	Cloudy	Thunder & frequent showers through the day
19				West	Clear	Very warm
20				South	Clear	
21				South	Clear	
22				N. W.	Cloudy	Rain in the night
23				North	Cloudy	Heavy rain all day
24				N. W.	Cloudy	frequent showers of rain through the day
25				North	Clear	
26				N. W.	Clear	
27				South	Cloudy	Rain all night & day
28				South	Cloudy	Rain continues
29				South	Cloudy	Light rain by intervals in the day
30				S. W.	Cloudy	Rain in the afternoon

Diary of the Weather at Fort Winnebago M. T. for the Month of July 1834

				Winds	Weather			Remarks
1				East	Clear	N	2	
2				S. W.	Clear	N W	2	
3				South	Clear	N E	.	
4				South	Clear	E	1	
5				West	Clear	S E	.	
6				South	Clear	S	11 prev'g	
7				South	Clear	S W	8	Excessively Warm heavy rain in the night
8				South	Clear	W	7	also Thunder Lightning & heavy rain in the afternoon
							31	
9				N. W.	Cloudy			Continued all night accompanied with high Wind
10				West	Clear			
11				S. W.	Clear			Very Warm
12				West	Clear			
13				South	Clear			
14				South	Clear			Thunder Lightning & heavy rain in the afternoon with high wind — heavy [illegible]
15				South	Clear			
16				West	Clear			A heavy Shower in the afternoon with high wind continued rain from 3 o'c P. M. till 2 o'c A. M. with Thunder & Lightning

17				West	Clear	
18				N. W.	Clear	
19				South	Clear	
20				South	Clear	High wind
21				S. W	Clear	Very warm
22				S. W	Clear	do
23				S. W.	Clear	do
24				S. W	Clear	do
25				South	Clear	do Light wind
26				S. W	Clear	Light shower of Rain in the afternoon
27				West	Clear	
28				S. West	Clear	
29				North	Clear	
30				West	Clear	High Wind
31				North	Clear	

Diary of the Weather at Fort Winnebago M.T. for the Month of August 1834

Dates				Wind	Weather		Remarks
1				S. W.	Clear	N 5	
2				South	Clear	N W 2	
3				S. W.	Clear	N E 2	Rain in the Night
4				East	Clear	E 1	
5				South	Clear	S E 1	
6				S. East	Clear	S 12 days	
7				S. W.	Clear	S W 4	Intensely hot. Smoky fog this morning
8				South	Clear	W 4	Very Warm
9				South	Clear	31	Do P.M.
10				South	Clear		Light rain at 2 O'Clock A.M.
11				West	Cloudy		Thunder Lightning & rain at 6 O'Clock P.M.
12				North	Cloudy		Continued all night with lightning
13				North	Cloudy		frequent Showers through the day
14				North	Cloudy		Light Wind
15				South	Clear		
16				South	Clear		

17				North	Clear	a light shower of rain at noon
18				West	Cloudy	frequent showers
19				N. E.	Clear	
20				South West	Cloudy	Rain
21				South	Clear	a thick fog in the morning
22				South	Clear	do
23				North	Clear	do
24				N. E.	Clear	do
25				South	Cloudy	Light rain in the afternoon
26				N. W.	Clear	
27				South	Clear	
28				N. W.	Clear	
29	69	73	68	West	Clear	
30	66	72	71	West	Clear	
31	70	79	68	South	Clear	

Diary of the Weather at Fort Winnebago M. T. for the Month of September 1834

Date	Thermometer A M 7	P M 2	P M 9	Winds	Weather		Remarks
1	54	74	65	North	Clear	N 3	
2	63	78	76	South	Clear	N W 5	
3	67	81	71	South	Clear	N E "	
4	64	83	66	North	Clear	E "	
5	57	80	59	N. W.	Clear	S E "	
6	50	76	53	North	Clear	S 10 prev.g	
7	45	74	51	S. W	Clear	S W 7	
8	48	73	53	N. W	Clear	W 5 30	
9	43	59	54	West	Clear		High wind all day
10	48	57	45	N. W.	Cloudy		Light rain at dawn high wind all day
11	47	63	52	West	Clear		Thunder and light rain in the afternoon
12	48	56	55	S. W	Cloudy		Thunder Lightning & heavy rain all day high wind
13	56	76	64	South	Cloudy		
14	64	80	68	South	Cloudy		High wind
15	68	79	70	South	Cloudy		Rain from 4 oclock this day continued all day high wind
16	71	76	73	South	Cloudy		Rain continued & high wind

17	72	76	69	South	Cloudy	Rain continued, light wind
18	80	71	62	South	Cloudy	High wind
19	64	72	65	S. W.	Clear	High wind
20	58	58	60	West	Clear	
21	54	66	54	N. W.	Clear	
22	52	54	57	S. W.	Cloudy	Rain
23	56	58	52	S. W.	Cloudy	Rain continued
24	52	57	52	S. W.	Cloudy	Frequent showers of rain
25	54	64	51	S. W.	Cloudy	Frequent showers in the night, light rain during the day
26	54	50	45	West	Cloudy	Thunder, lightning & heavy rain in the night, cool all day
27	38	43	42	West	Clear	Frost last night, high wind during the day
28	47	48	38	N. W.	Clear	High wind, frost at night
29	40	60	45	South	Clear	Frost in the night
30	46	55	52	South	Cloudy	Light rain all day
–	1628	2003	1744			
Mean temp.	54 8/30	66 23/30	58 4/30			

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Diary of the Weather at Fort Winnebago M. T. for the Month of October 1834

Date	Thermometer am 7	Pm 2	Pm 9	Winds	Weather		Remarks
1	64	65	58	S W	Cloudy	N 3	Rain. High Wind
2	52	60	53	West	Cloudy	N W 7	Light Showers through the day
3	50	54	40	North	Cloudy	N E 1	Rain at Night
4	40	59	48	South	Clear	E 3	
5	52	65	45	South	Cloudy	S E 2	High wind
6	52	68	52	South	Cloudy	Heavy S 10	High wind
7	58	68	60	South	Clear	S W 3	High wind
8	58	62	56	N W	Clear	W 2	
9	42	56	48	North	Clear	31	
10	33	57	45	South	Clear		
11	48	62	60	South	Smoky and Indian Summer		High wind.
12	49	54	35	N W	Smoky		Smoky
13	30	42	32	East	Clear		
14	32	40	39	South	Cloudy		Light rain through the day
15	40	54	26	South	Clear		Mrs Medgor appointed Hospital Matron
16	52	74	70	S West	Smoky		High wind all Day Summer Heat

17	52	54	42	N East	Very dark all Day	Rain at night
18	34	42	31	North	Cloudy	High wind all day Rain & light snow in the afternoon
19	23	33	31	N. West	Cloudy	High Wind. Light frost in the Morning
20	31	43	41	S. West	Clear	High Wind
21	41	53	45	South	Clear in the afternoon	High Winds Till 2 O'clock P. M
22	44	63	36	West	Clear	Mild. Indians Paid off by Col. Butte
23	28	59	44	N. West	Clear	Frost this Morning
24	36	52	42	East	Cloudy	High wind
25	44	48	45	East	Cloudy	Heavy Rain all —— Night & day
26	40	56	36	N. W.	Clear	High Wind
27	38	58	40	N. W.	Cloudy	High wind
28	34	42	32	N. W.	Clear	
29	26	45	36	S. E.	Clear	
30	40	48	42	S. E.	Clear	
31	46	65	50	South	Clear	
Total	1312	1694	1298			
Mean Temp.	42 10/31	[illegible]	[illegible]			

31
4
124

31/1312/42
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3/1312(
43(

Diary of the Weather at Fort Winnebago M. T. for the Month of November 1834

Date	Thermometer			Wind	Weather	Remarks
	A M	P M	P M			
1	50	71	60	South	Clear	
2	54	65	60	North	Cloudy	Light rain in the morning
3	55	66	68	S. E.	Cloudy	The atmosphere thick & hazy, evening sultry
4	53	52	48	N. W.	Cloudy	
5	44	54	42	N. W.	Cloudy	Damp and fog
6	36	61	24	S. W.	Clear	Froze in the night
7	42	60	48	North	Clear	
8	36	58	46	S. W.	Clear	Heavy thunder & rain during the night
9	50	64	57	S. W.	Cloudy	
10	29	47	38	North	Cloudy	
11	30	46	42	West	Cloudy	
12	44	50	42	North	Cloudy	
13	42	66	40	S. W.	Clear	High wind
14	36	32	19	North	Clear	
15	17	21	24	North	Cloudy	
16	21	32	25	East	Clear	High wind

N 9 prevailing
NW 4
NE 0
E 1
SE 2
S 4
SW 6
W 4
30

17	25	31	30	S. E.	Cloudy	Rain from 1 o'clock P. M. till 4 o'clock
18	30	38	33	S. W.	Cloudy	Snow from 11 o'c A. M. till 3 o'c P. M.
19	33	45	29	West	Clear	
20	30	49	38	South	Clear	
21	35	45	37	West	Cloudy	Light rain all afternoon
22	33	44	38	North	Cloudy	Snowing high wind
23	21	28	22	North	Cloudy	
24	22	30	24	North	Clear	
25	15	36	22	N. W.	Clear	
26	14	37	28	S. W.	Clear	
27	25	42	30	South	Clear	
28	37	40	31	South	Cloudy	Rain all day continued till 11 o'c P. M.
29	30	29	25	N. W.	Cloudy	High Wind
30	17	24	28	West	Cloudy	Snow in the afternoon
Total	1015	1365	1110	11		
Mean Temp	33 5/6	45 5/6	37			

Diary of the weather at Fort Winnebago M. T. for the Month of December 1834

Dates	Thermometer A.M. 7	 P.M. 2	 P.M. 9	Winds	Weather		Remarks
1	26	29	24	West	Cloudy	N 13 days	
2	25	28	14	North	Clear	N W 5	Light snow in the afternoon
3	12	24	13	N. W.	Clear	N E "	Light snow in the forenoon
4	27	38	26	S. W.	Clear	E 0	
5	23	33	30	South	Cloudy	S E 0	Snow during the night
6	30	30	24	West	Cloudy	S 3	
7	24	23	32	North	Cloudy	S W 5	Snow all day & night
8	14	15	2	North	Clear	W 5	
9	2	18	9	North	Clear	31	
10	3	27	22	South	Clear		
11	26	34	28	North	Clear		
12	16	38	31	West	Clear		
13	27	40	30	North	Cloudy		
14	13	24	16	South	Clear		
15	22	44	30	West	Cloudy		
16	19	2	11	West	Clear		

17	16	28	18	S. W.	Clear	
18	15	28	23	N. W.	Cloudy	
19	24	28	22	North	Cloudy	
20	20	24	20	N. W.	Cloudy	Light snow
21	24	25	21	S. W.	Cloudy	
22	19	20	12	North	Cloudy	Snow in the night light snow during the day
23	10	15	11	North	Cloudy	
24	18	22	8	N. W.	Cloudy	Light snow
25	13	24	21	North	Cloudy	
26	21	30	24	N. W.	Cloudy	High wind
27	23	30	27	South	Cloudy	
28	28	32	28	North	Cloudy	Snow during the night
29	26	31	26	North	Cloudy	Snow in the night
30	24	37	24	North	Cloudy	
31	16	24	20	S. W.	Cloudy	
Total	596	861	635			
Mean Temp.	19 7/31	27 24/31	20 15/31			

Diary of the Weather at Fort Winnebago M. T. for the Month of January 1835

Dates	Thermometer AM 7	Thermometer PM 2	Thermometer PM 9	Winds	Weather			Remarks
1	22	27	13	North	Cloudy	N	11	prevailing
2	-2	8	-1	North	Clear	N W	4	
3	-8	11	-3	North	Clear	N E	"	
4	-8	16	2	N W	Clear	E	"	
5	-5	19	4	North	Clear	S E	"	
6	6	21	16	South	Clear	S	5	
7	20	30	22	S W	Cloudy	S W	7	
8	28	30	17	South	Clear	W	4	
							31	
9	8	31	18	S W	Clear			
10	15	38	38	South	Cloudy			High wind in the night
11	30	34	32	South	Cloudy			Light snow during the night
12	30	34	30	South	Cloudy			Light snow in the afternoon
13	27	33	28	S W	Cloudy			Snow in the night
14	28	30	21	North	Cloudy			Snow all day & night, high wind in the night
15	19	25	7	West	Clear			High wind in the night
16	17	22	6	West	Clear			

17	0	22	4	S. W.	Clear	
18	-1	23	24	S. E.	Clear	
19	26	26	27	West	Clear	
20	24	31	30	S. W.	Cloudy	Snow
21	28	27	17	N. W.	Clear	
22	18	30	30	West	Clear	
23	12	26	13	North	Clear	
24	22	34	30	S. E.	Cloudy	Snow and Rain during the day
25	32	36	32	N. W.	Cloudy	Rain all night Sleet through the day, high wind
26	30	30	30	North	Cloudy	Snow & sleet
27	21	30	27	North	Cloudy	Light snow during the day
28	25	32	27	N. W.	Cloudy	Snow continuing at intervals
29	22	31	26	North	Cloudy	Snow continued high wind
30	20	33	20	North	Cloudy	A severe snow storm continued all night & day high wind
31	10	24	16	North	Clear	Snow storm ceased during the night
Total	504	841	605			
Mean Temp	16 8/31	27 4/31	19 16/31			

BOOK

Diary of the Weather at Fort Winnebago M. T. for the Month of February 1835

Date	Thermometer A M 7	Thermometer P M 2	Thermometer P M 9	Winds	Weather		Remarks
1	11	15	9	North	Cloudy	N 5	Light snow in the morning
2	-10	2	-5	North	Clear	NW 8 [illegible]	
3	-14	2	-10	N. W.	Clear	NE 0	
4	-5	6	0	West	Clear	E 0	
5	-1	8	-4	North	Clear	SE 1	
6	-12	-4	-12	N. W.	Cloudy	S 7	High wind snow from 3 OC P.M. until the 5 Feb
7	-24	-10	-19	N. W.	Clear	SW 4	High Wind
8	-26	-6	-15	South	Clear	W 3	High wind
						28	
9	-8	7	-4	North	Clear		Snow during the night & forenoon
10	-10	12	-6	South	Cloudy		
11	8	25	9	N. West	Clear		
12	16	30	28	S. W.	Cloudy		High Wind
13	30	26	12	North	Clear		Light snow in the night & until 7 A. M.
14	-3	12	-3	S. E.	Clear		
15	-15	17	2	South	Clear		
16	-10	21	18	South	Clear		

17	21	36	30	South	Cloudy	
18	24	29	15	N. W.	Cloudy	
19	3	21	12	S. W.	Clear	
20	25	31	40	S. W.	Cloudy	Hail in the forenoon light wind
21	30	36	30	West	Clear	Light rain in the night
22	14	22	16	S. W.	Clear	
23	10	30	30	South	Clear	
24	28	40	10	South	Cloudy	Storm commenced at 3 o'clock P. M. afternoon
25	−3	9	−4	N. W.	Clear	with snow continued all night with high wind
26	−16	−4	−12	N. W.	Clear	High wind continued
27	−12	14	−5	N. W.	Cloudy	Light snow in the afternoon
28	−10	2	−2	West	Clear	
Total	42	432	154			
Mean Temp.	1 14/28	15 12/28	5 14/28			

Diary of the Weather at Fort Winnebago M. T. for the Month of March 1835

Dates	Thermometer 7 A.M.	 2 P.M.	 9 P.M.	Winds	Weather			Remarks
1	-5	14	4	S. W.	Clear	N	10	Freezing
2	-4	14	6	N. W.	Clear	NW	5	
3	-3	10	5	North	Clear	NE	"	
4	-4	24	10	South	Clear	E	"	
5	3	28	15	South	Clear	SE	"	
6	13	37	29	South	Clear	S	10	
7	27	41	21	South	Clear	SW	6	
8	21	44	30	North	Cloudy	W	"	
9	28	42	30	North	Clear		31	
10	25	45	32	North	Clear			
11	23	44	31	South	Clear			
12	35	41	31	N. W.	Cloudy			Rain & High wind
13	30	43	33	S. W.	Clear			
14	31	57	30	North	Clear			
15	24	48	33	S. W.	Cloudy			
16	33	35	19	N. W.	Cloudy			A flock of ducks seen to day light snow high wind

17	42	33	32	South	Cloudy	High wind
18	33	44	29	North	Cloudy	Light snow in the night
19	28	42	32	S W	Clear	Five pigeons seen this day
20	40	45	28	N W	Clear	High wind
21	22	31	24	North	Clear	
22	19	32	27	South	Clear	
23	25	39	26	S W	Clear	
24	36	54	38	South	Clear	
25	43	57	55	South	Cloudy	A flock of brant seen this day, high wind
26	48	45	32	N W	Clear	Rain in the night
27	36	52	42	S W	Cloudy	High wind Rain in the night
28	34	42	28	North	Clear	High wind
29	33	47	32	North	Clear	
30	35	53	39	South	Clear	
31	40	64	52	South	Clear	
Total	748	1240	869			
Mean Temp	24 5/31	40	28 1/31			

Diary of the Weather at Fort Winnebago M. T. for the month of April 1835.

Date	Thermometer A.M. 7	P.M. 2	Eve 9	Winds	Weather			Remarks
1	50	73	59	South	Clear	prevailing N	8	Thunder lightning & shower of rain, high wind, prairie on fire
2	43	52	42	West	Clear	NW	5	High wind continued
3	34	44	32	N. W.	Cloudy	NE	1	Hail the morning
4	28	43	36	North	Cloudy	E	1	High wind
5	36	49	38	North	Cloudy	SE	4	High wind
6	42	57	41	North	Clear	S	2	High wind
7	41	61	45	North	Clear	SW	8	
8	45	69	53	S. W.	Clear	W	5	
9	55	72	53	S. W.	Clear		30	
10	44	75	56	S. W.	Clear			High wind
11	58	60	56	S. W.	Cloudy			High wind in the forenoon, Rain
12	37	35	26	West	Cloudy			High Wind
13	15	32	22	North	Clear			High wind from last night
14	34	42	30	S. W.	Clear			Snowing and [illegible] in a [illegible] the day
15	37	42	28	West	Clear			Snow in the afternoon
16	23	30	21	N. W.	Cloudy			Snow continued through the night

17	30	42	34	N. W.	Clear	
18	31	17	36	West	Cloudy	Snow during the night, High wind
19	34	38	34	North	Cloudy	Rain
20	36	51	43	S. W.	Clear	Rain during the night
21	48	48	36	N. W.	Cloudy	Rain by intervals High wind
22	34	45	31	N. W.	Cloudy	Rain continued through the night High wind
23	34	45	34	N. W.	Clear	Zephyrs and snow in the day
24	36	45	30	West	Cloudy	Snow from 4 OC P. M. [illegible]
25	30	47	36	North	Clear	
26	52	59	40	N. E.	Clear	
27	48	61	44	S. W.	Clear	
28	56	57	36	North	Clear	
29	37	57	40	East	Clear	
30	44	53	44	South	Cloudy	
	1182	1524	1163			
	39 12/30	50 24/30	38 23/30			

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1163

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114
19.02
8

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608

Diary of the Weather at Fort Winnebago No 2 for the Month of May 1835

Dates	Thermometer A.M 7	P.M 2	P.M 9	Winds	Weather			Remarks
1	53	68	55	N. W.	Clear	N	3	Rain in the night some wind from the day Clear since
2	46	61	55	S. W.	Cloudy	N W	5	Rain
3	59	62	59	S. W.	Cloudy	N E	3	Ther. 78 at 4 Oc Thunder lightning & heavy showers of rain in the afternoon with high wind
4	54	83	53	N. W.	Clear	E	1	Rain continued during the night, high wind
5	46	54	40	West	Clear	S E	1	High wind
6	43	60	51	N. W.	Clear	S	10 days	
7	45	40	34	N. W.	Cloudy	S W	3	Rain & high wind
8	31	50	37	East	Cloudy	W	5	Rain & high wind
9	38	57	42	N. W.	Clear		31	
10	44	65	59	South	Clear			
11	59	[illegible]	48	East	Clear			
12	55	65	54	South	Clear			
13	47	56	48	S. E.	Cloudy			Heavy rain during the day – high wind Thunder &
14	45	55	44	N. E.	Clear			lightning in the afternoon; Rain this morning
15	46	64	44	West	Clear			
16	51	70	56	North	Clear			

17	58	76	60	South	Clear	High wind in the afternoon
18	64	78	62	South	Clear	
19	67	83	62	West	Clear	Lightning in the night
20	61	68	60	North	Cloudy	frequent showers of rain through the night & day thunder
21	62	70	58	N. E.	Clear	
22	55	63	61	South	Clear	High wind
23	55	77	62	South	Clear	Thunder lightning & heavy rain in the night
24	65	84	64	South	Clear	
25	63	83	65	West	Clear	
26	62	75	59	West	Clear	A light drizzling rain in the forenoon
27	63	81	60	South	Clear	Rain in the night
28	59	75	53	S. E.	Cloudy	Thunder lightning & heavy rain during the night
29	62	71	53	N. E.	Cloudy	Rain
30	64	80	60	South	Clear	
31	50	64	53	North	Cloudy	Rain in the night cont. till 10 oc A. M.
	1840	2402	1856			
	59 [illegible]	77 [illegible]	59 [illegible]			

Diary of the Weather at Fort Winnebago M. T. for the month of June 1835

Date	Thermometer			Winds	Weather			Remarks
	7	2	9					
1	56	72	59	South	Clear	N	5	
2	67	82	69	South	Clear	N W	4	
3	70	74	67	S E	Cloudy	N E	0	Thunder & heavy rain this day
4	66	76	61	South	Clear	E	3	Heavy rain in the forenoon
5	69	74	65	East	Clear	S E	1	
6	62	72	63	West	Cloudy	S	9	heavy
7	60	60	58	S W	Cloudy	S W	4	Thunder lightning & heavy rain
8	64	80	70	South	Clear	W	4	
							30	
9	76	89	73	South	Clear			
10	75	84	64	S W	Clear			Thunder lightning & rain in the afternoon, light [illegible]
11	72	84	68	S W	Clear			
12	68	86	69	South	Clear			
13	70	88	70	N W	Clear			distant thunder
14	52	73	64	East	Clear			
15	55	80	67	South	Clear			Thunder lightning & rain in the afternoon
16	55	72	60	North	Clear			

17	59	77	61	South	Clear	
18	64	85	59	East	Cloudy	Thunder lightning & heavy rain all night continued through
19	51	54	46	North	Cloudy	the day. High wind
20	42	54	44	North	Clear	
21	43	65	50	N. W.	Clear	
22	54	73	56	North	Clear	
23	57	75	59	South	Clear	
24	64	66	58	S. W.	Cloudy	Rain in the afternoon
25	64	73	55	West	Cloudy	Thunder lightning & rain from 3 Oclock P.M. to 2 Oclock at night
26	59	71	59	West	Cloudy	High wind Rain in the afternoon
27	58	60	57	North	Cloudy	Rain continued
28	60	69	56	N.W.	Cloudy	High wind, Rain at intervals.
29	50	60	48	N. W.	Cloudy	
30	51	60	40	North West	Cloudy	
	1811	2184	1775			
	60 11/30	72 24/30	59 5/30			

Diary of the Weather at Fort Winnebago M.T. for the month of July 1835.

Date	Thermometer 7	2	9	Wind	Weather		Remarks
1	56	74	57	S. W. –	Clear	N 2	Light Winds
2	57	78	60	Nº West	Clear	N W 8 (vary)	
3	66	83	62	West	Clear	N E 2	Lightning through the evening.
4	69	80	58	West	Clear	E "	A National Salute fired at 1 o'clock P. M.
5	57	84	60	Nº W.	Clear	S E 3	
6	62	80	62	South	Clear	S 9	High Wind, Rain during the evening.
7	54	69	56	Nº W.	Clear	S W 3	
8	56	68	52	Nº W.	Cloudy	W 4	Rain at intervals – during the day.
9	54	72	50	Nº W.	Cloudy –	31	Showers with thunder
10	61	76	60	South	Clear		
11	64	76	65	South	Cloudy		Rain during the night.
12	72	77	54	S. E	Cloudy		High Wind, Rain in the afternoon and evening.
13	55	56	54	Nº W.	Cloudy		Rain at intervals during the day. High wind.
14	58	74	62	North	Clear		
15	59	72	58	North	Clear		
16	64	80	62	West	Clear		

17	65	80	64	South	Clear	
18	69	72	62	S. W.	Cloudy	Rain from 9 A.M. to 3 P.M. at Intervals
19	61	74	56	N. W.	Clear	Winnebagoes were paid the Annuity due them.
20	58	74	57	S. E.	Clear	
21	56	79	64	South	Clear	
22	65	82	68	South	Clear	High Wind
23	70	91	71	South	Clear	High Wind. Lightning during the evening
24	72	87	70	South	Cloudy	Light Rain in the afternoon. Thunder &c.
25	68	74	66	N. E.	Clear	
26	66	72	65	N. E.	Cloudy	Recruits arrived. Rain through the day.
27	66	87	73	S. E.	Clear	
28	69	84	68	S. W.	Clear	
29	72	90	74	South	Clear	Showers during the Night
30	76	78	64	N. West	Clear	
31	61	87	55	West	Cloudy	Light Rains during the day. Clear in the Evening
	2140	2385	1915			
	69 2/31	77 2/31	61 24/31			

Diary of the Weather at Fort Winnebago M.T. for the month of August 1835

	Thermometer							
Date	7	2	9	Winds	Weather			Remarks
1	53	71	55	North	Clear	N	4	
2	54	77	59	South	Clear	NW	1	
3	59	85	66	North	Clear	NE	″	Dr. McDougall left for Green Bay
4	63	82	70	S.E.	Cloudy	E	4	Rain during the night
5	64	78	65	N.W.	Clear	SE	4	
6	70	88	68	East	Clear	S	8 [illegible]	
7	66	84	65	South	Clear	SW	6	
8	67	82	70	S.E.	Clear	W	4	
9	64	80	68	South	Clear		31	
10	67	84	68	S.W.	Clear			Hospl. Stores arrived
11	62	88	73	S.W	Clear			
12	65	82	66	West	Cloudy			
13	59	77	62	North	Clear			
14	68	82	61	S.W.	Clear			
15	63	73	67	East	Cloudy			Dr. McDougall arrived from G Bay
16	57	78	68	South	Clear			Lightning during the Evening

17	68	85	62	South East	Cloudy	Commenced Raining at 7 P.M.
18	62	72	54	North	Clear	and Continued through the Night
19	55	73	53	East	Cloudy	Heavy Shower during the Night
20	52	63	56	West	Clear	High Wind
21	48	61	51	West	Clear	Hospital removed.
22	47	78	54	South West	Clear	
23	51	59	54	South	Cloudy	Thick Mist during the day with
24	57	73	56	South	Cloudy	Rain During the Night
25	55	64	56	West	Clear	Rain in the afternoon with Thunder & lightning
26	54	67	57	S.E.	Clear	Rain During the night
27	57	57	56	South	Cloudy	Stormy through the day.
28	54	68	58	S. West	Cloudy.	High Wind with rain at Intervals
29	54	60	55	South	Cloudy	
30	47	63	52	East	Cloudy	Showers ~~afternoon~~
31	50	66	58	S.W.	Clear	
	1814	2300	1871			
	$58\frac{16}{31}$	$74\frac{6}{31}$	$60\frac{11}{31}$			

Diary of the Weather at Fort Winnebago W.T. for the Month of September 1845

Date	Thermometer			Winds	Weather		Remarks
	7	2	9				
1	50	84	56	South	Clear	N 2	High Wind. Rain during the night
2	56	67	55	West	Cloudy	N W 2	
3	61	80	59	South	Clear	N E 2	Rain during the night
4	49	65	58	S.W.	Cloudy	E 2	Continued through the day
5	54	51	50	N.E.	Cloudy	S E 2	Do Do Do
6	48	59	50	South	Clear	S 9 heavily	
7	45	73	57	S.W.	Clear	S W 8	
8	55	64	50	S.W.	Clear	W 3 30	High Wind
9	49	72	62	North	Clear		High Wind
10	44	70	52	East	Clear		
11	50	75	52	S.W.	Cloudy		
12	45	59	52	South	Cloudy		Commenced raining at 4 A.M.
13	44	50	42	East	Cloudy		Continued through the day
14	38	59	44	S.E.	Clear		Frost
15	37	64	52	South	Clear		High Wind
16	52	75	60	North E.	Cloudy		Rain during the evening & through the night

17	40	58	56	N. W.	Cloudy	Rain through the day and night
18	52	55	50	N. W.	Cloudy	Rain through the day & night
11	44	48	42	South	Cloudy	Rain Continued allday. High Wind
21	34	44	37	South	Cloudy	High Wind
21	36	43	40	S. W.	Cloudy	High Wind
22	34	45	39	S. W	Cloudy	Frost
23	37	48	43	North	Clear	
24	36	57	44	S. E.	Clear	
25	37	49	56	South	Clear	
26	39	67	56	South	Cloudy	
27	44	56	42	West	Clear	
28	32	46	37	S. W.	Clear	Light Wind Severe Frost
29	24	43	34	West	Clear	Frost
30	32	54	44	S. West	Clear	Frost
	1344	1787	1478			
	44 $\frac{26}{30}$	57 $\frac{9}{30}$	49 $\frac{8}{30}$			

Diary of the Weather at Fort Winnebago, for the Month of October 1835

Date	Thermometer			Winds	Weather		Remarks
	7	2	9				
1	52	43	53	West	Clear	N 2	High Wind
2	39	53	39	South	Clear	N W 4	
3	33	42	41	S. E.	Cloudy	N E 0	Rain during the day
4	34	41	38	West	Cloudy	E 3	Light ~~falling~~ of snow this morning
5	34	44	37	S W	Clear	S E 4	
6	23	43	36	West	Cloudy	S 7	Heavy Hail in the afternoon
7	32	40	34	South	Clear	S W 5	
8	29	58	41	South	Clear	W 6	
9	38	70	48	N. W.	Clear	31	
10	42	75	54	S. E.	Clear		
11	43	74	56	West	Clear		Flocks of Wild Geese going south
12	42	71	58	S. W.	Clear		
13	46	32	57	S. E.	Clear		
14	48	76	59	West	Clear		
15	52	71	58	East	Clear		Prairies on Fire.
16	54	73	58	East	Cloudy		Rain in the evening. High Wind
17	56	64	54	East	Cloudy		High Wind.

18	34	41	35	West	Clear.	High Wind
19	28	49	39	South	Clear.	
20	37	60	41	S.E.	Clear	Rain during the Evening and night.
21	36	37	35	S.W.	Cloudy	
22	26	28	30	N.W.	Cloudy	Hail & Rain alternately through the day
23	25	31	23	South	Clear	
24	24	45	32	N.W.	Clear	Recruits arrived from Green Bay
25	30	40	36	North.	Cloudy	Rain during the Night.
26	34	44	38	North	Cloudy.	Recruits left for Prairie du Chien
27	44	58	52	South	Clear	Thick Mist morning & evening
28	59	62	59	East	Cloudy	(Commenced raining at 4 P.M. & continued at intervals through the day. High Wind)
29	54	58	41	S.W.	Cloudy	Rain during the forenoon. High Wind
30	29	48	33	S.W.	Clear.	
31	28	36	32	N.W.	Clear.	
	1178	1610	358			
	38 $\frac{0}{31}$	5[illegible] $\frac{}{31}$	33 $\frac{35}{31}$			

Diary of the Weather at Fort Winnebago for the Month of November 183

Date	Thermometer 7 A.M.	Thermometer 2 P.M.	Thermometer 9 P.M.	Wind	Weather		Remarks
1	31	57	42	South	Clear	N 2	
2	39	40	31	South	Cloudy	N W 7	High Wind. Prairies on Fire.
3	38	55	52	S.E.	Cloudy.	N E 2	Rain during the night.
4	54	57	41	North	Cloudy.	E ″	
5	41	42	50	S.E.	Cloudy	S E 2	Commenced raining at 7 P.M. and continued all Nigh
6	42	41	31	South.	Cloudy.	Memy S 9	Rain continued through the day.
7	41	53	44	West	Clear.	S W 3	
8	38	45	39	S.W.	Clear	W 5	High Wind
9	37	40	30.	N.W.	Clear.	30	
10	28	34	30.	North	Cloudy		Snow during the afternoon & evening
11	32	28	32	N.W.	Cloudy		" " " day. High Wind
12	32	30	30	South	Clear		Frost during the night
13	24	41	31	South	Clear.		
14	34	48	32	S.W.	Clear		
15	33	30	29	N.W.	Cloudy		Snow from 12 M until 10 P.M.
16	20	29	24	N. E.	Clear		
17	30	40	33	West	Clear		High Wind

18	28	29	26	N. W.	Clear	Thaw during the day.
19	23	24	22	N. E.	Cloudy	Light snow in the forenoon
20	22	21	14	N. W.	Clear	
21	5	6	-3	N. W.	Clear	
22	-8	9	4	West	Clear	High Wind
23	10	21	8	South	Clear	High Wind
24	2	25	14	South	Clear	
25	14	21	15	West	Clear	
26	-2	24	23	South	Clear	High Wind
27	23	21	11	N. W.	Clear	
28	-1	1	-8	West	Clear	High Wind.
29	-10	15	2	South	Cloudy	High Wind Snow in the afternoon
30	15	8	5	S. W.	Clear	
	712	988	783			
	23 22/30	32 28/30	25 13/30			

Diary of the Weather at Fort Winnebago M.T. for the Month of December 1835

Date	Thermometer				Wind	Weather		Remarks
	7	2	9					
December 1	-8	10	4		West.	Clear	N 1	Light Snow during the night
2	3	21	24		S.E.	Cloudy	NW 2	High Wind
3	30	31	16		South	Clear	NE 1	High Wind
4	-2	11	4		North	Clear	E 0	
5	-3	12	7		South	Clear	S E 2	
6	8	17	14		West	Clear	prevg S 11	High Wind
7	4	17	8		S.Wt	Clear	SW 6	
8	5	21	28		S.W.	Clear	W 8	
9	12	19	7		N.W.	Clear	31	High Wind.
10	-2	21	11		South	Clear.		
11	10	31	14.		South	Clear.		
12	10	35	24		S.Wt	Clear		
13	20.	45	33		West	Clear		High Wind Thaw
14	26	28	13		West	Clear.		Thaw during the day.
15	24	20	0	1	N.W.	Cloudy		High Wind
16	-12	7	5		West	Clear		
17	7	21	11		South	Cloudy		

18	16	34	31	S. E.	Cloudy.	Rain during the night
19	33	44	36	S. W.	Cloudy	Rain Continued all day with Thunder & lightning High wind. Thaw during the day
20	14	16	10	South	Clear	High Wind
21	-4	6	2	West	Clear	High wind
22	-6	8	6	South	Clear	
23	10	28	26	South	Clear	High Wind
24	20	32	32	S. W.	Cloudy	Thaw during the night.
25	33	35	33	South	Cloudy	" " " day
26	26	24	14	N. E.	Clear	High Wind
27	5	30	26	West	Clear	
28	24	40	35	South	Clear	
29	30	34	30	South	Clear	Light snow during the night.
30	27	36	30	West	Clear	
31	21	33	31	S. W.	Clear	
	388	778	572			
	12 16/31	25 3/31	18 14/31			

Diary of the Weather at Fort Winnebago M. T. for the Month of January 1836

Date		Thermometer				Winds		Weather		Rain	Remarks
		A.M.	P.M.	Evening	Mean	A.M.	P.M.	A.M.	P.M.	Inches Mean	
Jany.	1	24	36	30	27.33	West	S. W.	Clear	Cloudy	27. 1/3	
	2	20	26	22	19.66	North	N. E		Clear	19. 2/3	
	3	18	28	23	25.°	S. E.	East	Cloudy	Cloudy	25.	Commenced snowing at 10 A.M. & cont.d until 9 P.M.
	4	30	38	32	33.50	North	N. W.	Cloudy	Cloudy	33. 1/2	Rain & snow alternately through the day
	5	31	36	30	32.66+	South	South	Cloudy	Cloudy	32. 2/3	Thaw
	6	33	38	36	36	South	S. E.	Cloudy	Cloudy	36.	
	7	35	37	36	35.66+	East	S. E	Cloudy	Cloudy	35. 2/3	Thick mist
	8	30	33	30	29.50	S. W.	S. W.	Cloudy	Clear	29. 1/2	
	9	21	24	20	19.66+	N. W.	West	Clear	Clear	19. 2/3	High Wind
	10	18	29	24	23.66+	South	S. E.	Clear	Clear	23. 2/3	
	11	21	28	23	23.66+	S. E.	N. E.	Clear	Cloudy	23. 2/3	Commenced snowing at 2 P.M. & Cont.d until 8 P.M.
	12	14	16	8	11.	West	West	Clear	Clear	11.	
	13	4	12	7	6.66+	N. W.	N. W.	Cloudy	Cloudy	6. 2/3	High Wind
	14	5	14	9	8.50	North	N. E.	Clear	Clear	8. 1/2	
	15	18	26	19	20.	West	N. W.	Clear	Clear	20	
	16	20	31	28	28.	West	S. W.	Clear	Clear	28.	

17	30	22	16	17·66	S.W.	West	Cloudy	Cloudy	17 2/3	
18	0	12	9	6.66+	West	South	Clear	Clear	6 2/3	High Wind
19	-2	14	10	10·66	S.W.	S.W.	Clear	Clear	10 2/3	
20	15	35	32	27·3	South	South	Clear	Cloudy	27 1/3	High Wind
21	16	4	2	7·33+	West	West	Clear	Clear	7 1/3	High Wind.
22	-8	-3	-6	-5 2/3+	West	West	Cloudy	Cloudy	-5 2/3	High Wind
23	-10	11	4	1·6 2/3+	West	West	Clear	Clear	1 2/3	
24	8	22	16	16.	West	N.W.	Clear	Cloudy	16.	Light snow in the evening
25	12	1	2	2·83+	S.W.	East	Clear	Clear	2 5/6	
26	-11	-1	0	-3·66+	S.W.	West	Clear	Clear	-3 2/3	High Wind
27	-3	6	2	1·83+	S.W.	S.W.	Clear	Clear	1 5/6	
28	-2	22	14	14·33+	S.W.	South	Clear	Clear.	14 1/3	
29	20	22	20	19·[illegible]+	South	South	Cloudy	Cloudy	19.	
30	0	5	1	1·66+	West	West	Clear	Clear	1 2/3	High Wind
31	-16	-8	-11	-12·00	West	West	Clear	Clear	-12.	
									16 mean	

N 1½
N W 3
N E 1½
E 1½
S E 2½
S 5
S W 6
prevailing W 10
31

Diary of the Weather at Fort Winnebago M.T. for the Month of February 1834.

Date	Thermometer				Winds		Weather		Rain	Remarks
	A.M.	P.M.	Evening	Mean	A.M.	P.M.	A.M.	P.M.	Inches Mean	
1	-18	-2	-7	-8 1/3	S.W.	S.W.	Clear	Clear	8 2/3	
2	-14	2	-4	5.33+	South	South	Clear	Clear	-11	
3	1	10	6	5.66	South	S.W.	Clear	Clear	5	
4	-3	25	10	10.33+	South	S.E.	Clear	Clear	10 1/3	Light snow during the night
5	14	28	23	22.33+	S.E.	South	Cloudy	Cloudy	22 2/3	snow during the night
6	18	21	19	19.33+	South	S.W.	Cloudy	Cloudy	18 2/3	and continued through the day
7	8	28	26	21.33+	South	South	Cloudy	Clear	21 2/3	
8	20	33	28	25.66+	South	West	Clear	Clear	25 1/3	Light snow during the night
9	12	28	23	18.5+	S.W.	N.W.	Clear	Cloudy	18 2/3	
10	-3	14	12	11.66+	S.W.	South	Clear	Clear	11 1/3	High Wind
11	18	28	24	25.33+	West	N.W.	Cloudy	Cloudy	25 2/3	Light snow the afternoon
12	25	27	23	20.16+	West	N.W.	Clear	Clear	21 2/3	
13	-5	12	6	6.33+	West	West	Clear	Clear	6 2/3	
14	-3	16	-12	12.33+	S.W.	South	Clear	Cloudy	11 2/3	Light snow during the night
15	18	12	10	13.33+	South	South	Clear	Clear	13 2/3	
16	10	21	15	15.5+	East	North	Cloudy	Cloudy	15 1/3	snow during the forenoon

17	5	18	12	13.5+	N.E.	N.E.	Clear	Cloudy	13 3/8	Snow during the night
18	12	23	16	18.33+	S.E.	South	Clear	Clear	18 3/8	
19	20	37	32	31.5+	South	S.W.	Cloudy	Cloudy	31.	
20	28	41	33	34.16+	East	S.E.	Cloudy	Clear	34 1/8	Thaw
21	29	61	40	44.5+	S.E.	East	Clear	Clear	44 3/8	Thaw
22	34	56	38	41.33+	East	N.W.	Cloudy	Cloudy	41 3/8	Rain with Thunder & Lightning during the afternoon. Continued at night
23	26	40	31	32.0+	S.W.	S.W.	Clear	Clear	32.	
24	14	18	10	11.33+	South	S.W.	Clear	Clear	11 3/8	
25	2	22	17	15.66+	S.W.	South	Clear	Clear	15 5/8	
26	8	21	18	12.33+	South	South	Clear	Clear	12 3/8	
27	-8	7	1	1.33+	N.W.	N.W.	Clear	Clear	-1 3/8	High Wind
28	0	25	19	15.00+	West	S.W.	Clear	Cloudy	11	Light Snow during the night High wind
29	20	27	25	21.5+	South	South	Cloudy	Cloudy	21 3/8	

18 mean

	N	1/2
	N W	3
	N E	1
	E	2
	S E	2 1/2
prevailing	S	10 1/2
	S W	6
	W	2 1/2
		28

Diary of the Weather at Fort Winnebago M.T. for the Month of March 1836

Date March	Thermometer A.M.	P.M.	Evening	Mean	Winds A.M.	P.M.	Weather A.M.	P.M.		Remarks
1st	5	3	-4	1.00+	West	S.W.	Cloudy	Cloudy	-1 2/3	High Wind
2	-13	1	0	4.16+	S.W.	S.W.	Cloudy	Cloudy	-1 5/8	High Wind
3	12	43	33	32.33+	West	S.W.	Clear	Clear	32 2/3	
4	36	32	20	22.66+	S.W.	N.W.	Clear	Clear	23 1/3	High Wind
5	-6	11	7	3.66+	West	West	Clear	Clear	3 2/3	
6	2	18	11	5.33+	S.W.	South	Clear	Clear	1 5/8	
7	-1	15	5	9.18+	S.W.	S.E.	Clear	Clear	7 2/3	
8	18	30	26	25.5+	S.E.	S.E.	Cloudy	Cloudy	25 2/3	Light snow during the day
9	23	22	17	18.5+	South	South	Clear	Cloudy	18.	
10	7	12	6	9.5+	S.W.	S.W.	Clear	Clear	5 1/3	
11	-10	5	1	+1.10	West	South	Clear	Clear	-3	
12	-20	19	4	7.10+	S.W.	West	Clear	Clear	4	
13	16	24	19	19.33+	South	South	Clear	Clear	19 2/3	
14	14	32	26	22.66+	S.W.	S.E.	Clear	Clear	22 2/3	
15	6	34	22	23.14+	S.E.	South	Clear	Clear	23 1/2	
16	21	29	27	26.50+	N.W.	N.W.	Cloudy	Cloudy	26 2/3	Hail Snow & Rain during the day Snow during the night with Thunder & Lightning & High wind
17	26	23	19	19.33+	S.W.	South	Cloudy	Cloudy	19 1/3	

18	9	28	20	19.33+	South	S.E.	Clear	Clear	19.$\frac{1}{3}$	
19	11	35	23	21.16+	S.E.	East	Clear	Clear	21$\frac{1}{2}$	
20	10	38	35	26.66+	South	South	Clear	Clear	26$\frac{2}{3}$	High Wind
21	14	24	16	16.00+	West	N.W.	Clear	Clear	16	
22	2	25	16	14.66+	West	S.W.	Clear	Clear	14$\frac{2}{3}$	
23	16	35	32	28	South	South	Clear	Clear	28	
24	18	33	30	27.$\frac{2}{3}$	South	South	Clear	Clear	27$\frac{2}{3}$	
25	14	40	31	30$\frac{1}{3}$	S.W.	S.W.	Clear	Clear	30$\frac{1}{3}$	
26	29	40	37	35$\frac{1}{3}$	South	South	Clear	Clear ✓	35$\frac{1}{3}$	
27	34	46	33		S.W.	North	Clear	Clear	37$\frac{2}{3}$	Wild Ducks seen this day.
28	29	43	30		West	S.W.	Clear	Clear	33 -	
29	25	38	28		S.W.	South	Clear	Clear	30$\frac{1}{3}$	Frost this morning
30	24	46	40		South	North	Clear	Clear	36$\frac{2}{3}$	Showers ~~[illegible]~~ during the night.
31	30	38	35		N.W.	N.W.	Cloudy	Cloudy	34$\frac{1}{3}$	Rain all day.
									20$\frac{13}{31}$	

N.	1
N W	3
N E	
E	$\frac{1}{2}$
S E	3$\frac{1}{2}$
prevailing S	9$\frac{1}{2}$
S W	9
W	4$\frac{1}{2}$
	31

1836

Diary of the Weather at fort Winebago M. T. for month of Aprill

Date	Thermometer			Barometer	Winds		Weather		Rain	Remarks
	A.M.	P.M.	ev'ning		A.M.	P.M.	A.M.	P.M.		
April 1	33	44	38	36 5/10	South	S.W.	Cloudy	Cloudy		
2	34	58	40	49 3/10	N.W.	South	Cloudy	Clear		
3	25	61	45	29	North	N.E.	Clear	Clear		
4	29	57	48	29 3/10	East	S.E.	Clear	Clear		
5	30	50	46	23 3/10	N.E.	North	Clear	Clear		
6	20	51	40	42 3/10	North	East	Clear	Clear		Prairies on Fire.
7	38	58	50	49 3/10	N.W.	N.W.	Clear	Cloudy		Rain during the night with thunder & lightning
8	46	38	27	28 3/10	N.W.	West	Cloudy	Cloudy		Rain all day & snow during the night
9	21	21	47	21 3/10	S.W.	S.W.	Cloudy	Cloudy		Snow during the day
10	10	32	26	24 3/10	South	S.E.	Clear	Clear		Barn swallows
11	23	38	30	24 3/10	West	West	Clear	Clear		
12	29	32	30	30 3/10	N.E.	N.E.	Cloudy	Cloudy		Snow all day & continued through the night with rain
13	31	34	30	32 3/10	S.E.	South	Cloudy	Cloudy		Snow & rain during the day & night
14	29	38	22	32 5/10	S.W.	West	Clear	Cloudy		Thick mist this morning, Frost
15	28	46	34	36 3/10	West	West	Clear	Clear		
16	36	56	42	45 3/10	S.W.	S.W.	Clear	Clear		
17	41	48	42	[illegible]	S.E.	S.E.	Cloudy	Cloudy		Rain

18	32	44	58	33⅔	W	S. West	Cloudy	Cloudy	High wind
19	34	57	43	36	S. East	South	Cloudy	Clear	High winds
20	42	47	38	40⅔	S. East	North East	Cloudy	Cloudy	Rain with thunder morning & evening (with high winds)
21	30	32	31	30⅔	North	North East	Cloudy	Clear	Light Snow in the morning
22	29	44	41	38⅔	South	South	Cloudy	Clear	Frequent showers during the day
23	31	46	47	42⅔	N. West	West	Clear	Cloudy	Rain in the evening
24	39	62	46	40⅔	East	South	Cloudy	Cloudy	Rain during the night with thunder and lightning
25	43	72	64	62⅔	South	South	Cloudy	Cloudy	High wind during the day & thunder hail and Rain in the evening
26	53	55	46	40⅓	West	N. West	Clear	Clear	
27	54	66	46	43⅔	East	N East	Clear	Cloudy	Showers in the afternoon
28	41	52	45	45⅔	N East	N East	Cloudy	Cloudy	Raining all day
29	42	40	44	43⅔	N East	N East	Cloudy	Cloudy	Raining most of the day
30	40	64	53	53⅔	N. East	S. East	Clear	Clear	

N	2½
N W	2
prevailing N E	5½
E	2
S E	4½
S	4½
S W	4½
W	4½
	30

Diary of the Weather at Fort Winnebago. M.T. for the month of May [illegible]

Dates	Thermometer			Mean	Winds		Weather		Rain	Remarks
	A.M.	P.M.	[illegible]		A.M.	P.M.	A.M.	P.M.		
May 1	48	64	61	57⅔	S East	South	Cloudy	Cloudy		Willow in blossom Rain
2	59	80	64	66⅔	South	S. West	Cloudy	Clear		High wind & the Wisconsin overflows its Banks
3	51	73	58	57⅔	West	N East	Clear	Clear		High wind
4	38	56	52	45⅔	N East	N East	Clear	Clear		
5	38	75	58	57⅔	N East	S West	Clear	Clear		Frost this morning
6	42	77	62	60	South	N East	Clear	Clear		The Southern Mail arrived here to day with four horses
7	40	56	44	46⅔	North	N East	Clear	Clear		
8	34	66	48	46⅔	N. East	South East	Clear	Clear		Frost this morning
9	37	68	56	51⅔	East	South	Clear	Clear		
10	44	75	63	64⅔	South	S West	Clear	Clear		High wind
11	56	73	60	66	S. West	S West	Cloudy	Cloudy		Thunder in the morning and frequent showers during the day
12	58	68	54	56⅔	West	North	Clear	Clear		High wind. Sanguinaria canadensis in blossom
13	54	63	42	56⅔	North	East	Clear	Clear		Oaks in blossom
14	42	82	68	66⅔	East	South	Cloudy	Cloudy		High wind during the day with thunder lightning and rain in the night
15	60	60	55	57⅔	South	S West	Cloudy	Cloudy		Frequent showers during the day & night with heavy thunder lightning and some hail
16	55	76	61	62⅔	N West	West	Cloudy	Clear		Light showers this morning
17	46	62	56	56⅔	N West	N West	Clear	Clear		

18	42	66	58	57⅓	North	S East 5	Clear	Clear	
19	53	64	61	51⅔	East	S East 8	Cloudy	Cloudy	Light showers in the afternoon & thunder & lightning and rainy in the evening
20	60	78	68	54⅔	South West	S West 3	Cloudy	Cloudy	Light showers in the morning & heavy thunder & lightning rain & some hail in the afternoon & also during the night
21	59	57	52	53⅓	West	N East 5	Cloudy	Cloudy	Thunder in the morning and frequent showers during the day & night
22	40	56	47	49,	N West	N West	Cloudy	Cloudy	
23	42	56	46	44⅔	North	North	Cloudy	Cloudy	do
24	40	52	48	47	N East	N East 6	Clear	Clear	Frost this morning Steamboat arrived from Galena today & departed this morning
25	42	62	54	53	North	S East 8	Clear	Clear	
26	41	69	54	57⅔	N West	S East 9	Clear	Clear	
27	46	74	58	60	West	N East 3	Clear	Clear	
1 28	50	84	62	58	West	South East 8	Clear	Clear	
29	50	86	56	62⅔	West	S East 10	Clear	Clear	
30	48	60	54	54⅔	West	N East 8	Cloudy	Cloudy	Rain in the afternoon
31	50	58	54	54	North	South 11	Cloudy	Cloudy	thick mist this morning & rain a little

N	3
N W	3
N E	6 prevails
E	2
S E	4
S	4
S W	4
W	5
	31

Diary of the Weather at Fort Winnebago W. T. For the month of June 1836

Dates	Thermometer A.M.	Thermometer P.M.	Thermometer [illegible]	Mean	Winds A.M.	Winds P.M.	Weather A.M.	Weather P.M.	Rain	Remarks
June 1	50	55	51	51⅔	South	South	cloudy to	Cloudy to		Light rain this morning. Rain this evening
2	49	56	52	53	N East	North	cloudy to	Cloudy to		Light rain this morning.
3	53	66	61	60	S East	South	cloudy to	cloudy to		Light showers this evening
4	56	76	62	64⅔	N East	N East	cloudy	clear		Light showers this forenoon
5	54	80	62	65⅓	N East	N East	clear	clear		
6	56	79	65	67	N East	N East	cloudy	clear		A thick mist this morning
7	55	80	62	65⅔	East	East	clear	clear		
8	51	76	62	63⅓	East	East	Clear	clear		
9	52	57	58	55⅔	South	South	cloudy	cloudy		Heavy showers all day
10	57	77	59	64	S East	N West	cloudy	Cloudy		Rain last night Showers afternoon
11	55	65	55	58⅓	East	N West	cloudy	clear		High wind this morning
12	52	71	56	59⅔	S West	N East	clear	Clear		Rain this morning
13	52	76	65	65⅓	West	West	cloudy	clear		Thick mist this morning, Showers this eveni
14	57	72	56	57⅔	N West	N West	clear	clear		
15	44	72	66	63⅓	North	S West	clear	clear		
16	69	86	73	73⅓	West	S West	clear	clear		Showers this afternoon,
17	62	83	71	72⅔	S West	West	cloudy	clear		Rain last night. high wind, afternoo

18	65	78	65	67 1/3	West	N West	cloudy	cloudy	frequent showers last night, rain 1.00
19	54	58	52	53 1/3	N East	East	cloudy	cloudy	heavy rain last night
20	45	67	55	55 2/3	North	N East	clear	clear	1st Regt arrived
21	46	72	59	60 2/3	N East	S West	clear	cloudy	Genl Brady & ~~[illegible]~~
22	57	68	58	59 1/3	West	West	cloudy	cloudy	Rain last night, showers afternoon 1st Regiment left here this morning
23	44	64	58	58	N West	N West	cloudy	cloudy	Rain last night
24	54	68	58	59 2/3	East	N West	cloudy	clear	
25	53	68	53	57 2/3	N East	North	cloudy	cloudy	
26	52	67	58	58 2/3	N East	East	cloudy	clear	Gen Brady left here this day
27	50	77	62	63 2/3	N East	East	clear	clear	
28	52	74	62	64 1/3	East	N East	clear	clear	Thick mist this morning
29	54	85	66	68 1/3	East	N East	cloudy	clear	
30	57	88	70	72	North	N East	clear	clear	

	N	2½
	N W	4
prevailing	N E	8½
	E	3½
	S E	4
	S	2½
	S W	2½
	W	3½
		30

Diary of the Weather at Fort Winnebago M.T. For the Month of July 1836

Dates		Thermometer A.M.	P.M.	Evening	Mean	Winds A.M.	P.M.	Weather A.M.	P.M.	Rain	Remarks
July	1	59	89	62	70⅓	N East	West	clear	clear		
"	2	60	67	62	63,	N East	N West	Clear	cloudy		Frequent Showers, with thunder
"	3	60	83	59	50⅔	N East	West	cloudy	cloudy		Showers this afternoon
"	4	57	70	58	60⅔	N West	N West	clear	clear		high wind
"	5	51	78	68	68⅔	West	S West	clear	clear		
"	6	67	76	69	70⅔	West	S West	clear	clear		
"	7	68	87	74	73⅓	West	S West	clear	clear		High wind
"	8	72	78	69	70	S East	S East	clear	clear		Rain, last night, ~~one~~
"	9	58	71	56	60⅔	East	N East	cloudy	clear		
"	10	52	78	63	65⅔	N West	S West	clear	clear		
"	11	58	74	68	68⅔	S East	East	clear	cloudy		Rain this afternoon
"	12	67	74	60	64⅔	S West	West	cloudy	clear		Rain A.M.
"	13	52	80	60	64⅓	North	N East	clear	clear		
"	14	53	79	60	64⅔	N East	East	cloudy	clear		Some Rain this morning
"	15	56	78	59	63⅔	N East	East	cloudy	cloudy		
"	16	50	81	62	65	South	East	clear	clear		
"	17	50	83	64	65⅔	S East	S East	clear	clear		

"	18	51	89	71	72⅔	S East	West	clear	clear	
"	19	66	90	72	76⅔	S East	West	clear	Clear	
"	20	67	86	65	72⅔	South	N West	Clear	clear	Rain this Evening with Thund & Lightning
"	21	64	81	71	71⅓	East	N East	cloudy	clear	Rain last night
"	22	63	85	72	74⅓	N East	North	clear	clear	Showers this Evening
"	23	68	77	64	68⅓	N West	N West	cloudy	cloudy	Hard rain last night. Rain A.M.
"	24	59	71	55	61⅔	N East	East	cloudy	clear	
"	25	52	70	60	61	East	N East	clear	Cloudy	
"	26	54	83	66	68⅓	S East	S West	cloudy	clear	Dragoons arrived this day
"	27	58	70	64	63⅓	S West	S West	cloudy	cloudy	Heavy Rain this morning
"	28	57	83	61	67⅓	East	West	cloudy	clear	Rain this Morning & Evening
"	29	60	71	58	63	N East	N West	Cloudy	Clear	
"	30	55	80	67	68⅓	N West	N West	clear	clear	Dragoons left here this day
"	31	62	76	61	65	West	N West	Clear	cloudy	Rain this Forenoon

This Month & the following are coppied in the book of new forms

Diary of the Weather at Fort Winnebago for the month of August 1836

Dates	Thermometer			Mean	Winds		Weather		Rain			Remarks
	A.M.	P.M.	9 o'c		A.M.	P.M.	A.M.	P.M.	In.	M.	Hr.	
August 1st	54	70	66	62	East	East	cloudy	cloudy	1	1	1	Wild Rice in Blossom
" 2	46	69	60	58⅓	N East	West	clear	cloudy				Rain this Evening
" 3	59	71	59	62⅔	N East	North	cloudy	clear				
" 4	54	71	52	57⅔	N East	N East	Cloudy	cloudy				Rain this morning
" 5	46	75	60	62⅔	North	S East	clear	cloudy				
" 6	59	74	64	65⅔	West	N West	Cloudy	cloudy				
" 7	60	88	69	73⅓	N West	West	cloudy	cloudy				
" 8	66	81	60	57	S East	East	clear	cloudy				Thermometer at 90 ½ before 12 o'clock A.M. Light shower at 2 P.M.
" 9	54	62	58	58	East	East	cloudy	cloudy				Rain during the day
" 10	54	68	58	59⅓	East	East	Cloudy	cloudy	-	-	5	
" 11	52	74	62	63	N East	N East	clear	clear	-	-		
" 12	54	65	63	61⅔	S East	S West	cloudy	Cloudy	-	-	4	Rain
" 13	61	80	70	69⅔	N East	N West	cloudy	clear				
" 14	58	64	54	57	East	East	Cloudy	cloudy				
" 15	48	68	50	57 2/6	North	North	clear	Clear				
" 16	60	80	64	68 4/6	East	East	Clear	Cloudy				
" 17	64	70	64	64	South	S. West.	Cloudy	Cloudy			6	Showers during the day and night

"	18	62	75	61	63½	North	West	Cloudy	Clear	
"	19	45	60	58	53½	North	North	Clear	Clear	
"	20	40	66	59	57	West	S West	clear	clear	Frost last Night
"	21	48	62	50	51½	N West	N West	clear	clear	
"	22	39	68	51	52½	N West	S West	clear	cloudy	
"	23	40	74	50	57	S East	South	clear	cloudy	
"	24	48	69	55	58½	N West	West	cloudy	cloudy	
"	25	53	83	65	67½	East	West	cloudy	clear	
"	26	54	83	64	67½	N West	S East	clear	clear	
"	27	56	81	58	64½	S East	West	clear	clear	
"	28	59	81	64	65½	West	West	Clear	Cloudy	
"	29	51	68	48	54	N West	North	Clear	Clear	
"	30	41	79	59	61½	North	West	Clear	clear	
"	31	54	71	56	58½	N West	West	cloudy	clear	High wind during the day

Diary of the Weather at Fort Winnebago, for the Month of September 1835

Dates	Thermometer				Winds		Weather		Rain			Remarks
	A.M.	P.M.	9		A.M.	P.M.	A.M.	P.M.	In.	10th	Hun.	
Sept. 1st	42	61	48	48⅓	N West	West	clear	clear				
" 2nd	43	54	49	52⅔	North	West	clear	cloudy				
" 3rd	45	75	56	57⅔	S West	West	clear	clear				
" 4th	48	85	48	53⅓	West	North	clear	cloudy			1	Light rain this morning
" 5th	39	62	43	48⅓	East	South	cloudy	clear				
" 6th	40	66	50	52	South	South	clear	Clear				
" 7th	46	76	68	65⅔	S. West	S West	clear	Cloudy		5		High wind with rain, thunder
" 8th	57	66	44	52⅔	N East	N East	Cloudy	clear				& lightning during the night
" 9th	39	50	43	43⅔	North	North	Cloudy	Cloudy		5		Rain last night.
" 10th	38	52	43	45⅔	N West	N West	Cloudy	Clear				
" 11th	44	68	58	57⅔	S West	South	Cloudy	Cloudy		3		Rain
" 12th	62	58	57	53⅔	S. West	N West	Cloudy	Cloudy		5		Showers during the day.
" 13th	41	70	51	54⅔	South	West	Clear	Clear				
" 14th	44	72	53	58⅓	N West	S. E.	Clear	Clear		6		Rain last night.
" 15th	56	75	65	66	East	East	Cloudy	Cloudy				
" 16th	60	75	61	64⅔	East	West	Cloudy.	cloudy			2	Rain last night.

"	17th	55	72	68	66 1/6	S West	S West	clear	cloudy				
"	18th	64	81	64	67 1/6	N West	North	cloudy	cloudy	1	.	"	Rain morning & Evening with thunder & lightning.
"	19th	49	57	40	46 2/6	N West	West	Clear	Clear				
"	21th	36	65	48	52	North	N West	Clear	Clear				
"	21st	50	70	63	63 1/6	N West	South	Cloudy	Cloudy		2		Rain last night
"	22nd	63	73	65	64 2/6	South	S. West	cloudy	cloudy		1		Rain
"	23rd	57	75	66	65 2/6	N West	S. West	cloudy	cloudy		8		Rain, hail, thunder & lightn last night
"	24th	54	64	43	51	North	N West	cloudy	Clear				
"	25th	38	60	41	46	North	North	Clear	Clear				High Wind. Frost last nig
"	26th	36	61	48	49 2/6	North	West	clear	cloudy				Frost last night.
"	27th	45	63	40	47	N. West	West	cloudy	cloudy				
"	28th	31	45	40	38	S. West	North	cloudy	cloudy				
"	29th	27	45	42	41 2/6	S East	N West	Clear	Clear				Heavy Frost last night
"	Oct	42	62	47	50 2/6	South	N East	clear	Clear				

Diary of the Weather at Fort Winnebago for the month of October 1836

Dates	Thermometer			Mean	Winds		Weather		Rain			Remarks
	Am	Pm			A. M.	P. M.	A. M.	P. M.	In	Ths	Hun	
Oct 1st	42	47	41	42⅔	N West	N. East	Cloudy	Cloudy		6		Rain
2d	38	48	43	43	N West	North	Cloudy	Clear				
3d	38	36	30	32⅔	East	N. East	Cloudy	Cloudy		1		Rain during the day – Frost seen ice ½ inch thick
4th	25	43	30	32⅔	N East	N East	Clear	Cloudy				
5th	23	46	40	38⅔	S. East	S. West	Cloudy	Cloudy				
6th	37	54	46	44⅔	S. West	North	Cloudy	Cloudy				
7th	30	48	36	35⅔	N. West	North	Clear	Cloudy				
8th	29	56	43	42⅔	N. East	East	Clear	Cloudy				
9th	35	46	35	36⅔	N East	N. East	Cloudy	Cloudy				Frost Last Night.
10th	24	50	34	36⅔	North	N. West	Clear	Cloudy				Heavy Frost Last Night.
11th	26	55	41	42⅔	S. East	West	Clear	Clear				
12th	38	64	53	38⅔	S. East	S. West	Cloudy	Clear		1		Rain during the Night.
13th	40	44	38	37⅔	N. West	North	Cloudy	Cloudy				
14th	35	45	32	35⅔	N. West	West	Cloudy	Cloudy				
15th	26	45	38	37	N. West	N. West	Cloudy	Clear				
16th	30	35	22	27⅔	S. West	West	Cloudy	Cloudy			7	Rain & Snow High Wind

17th	26	40	27	30 4/6	N. West	N. West	cloudy	cloudy			P. Toquett killed last night by a [illegible]
18th	24	34	27	25 4/6	N. East	N. East	Cloudy	Cloudy			Light Snow
19th	26	28	20	22 5/6	N. West	N. West	cloudy	cloudy			Snow 2 inches deep
20th	15	29	22	22	.. West	- West	cloudy	cloudy			
21st	15	34	28	27 5/6	N. West	West	cloudy	clear			Indian Summer commenced
22d	28	48	46	44	S. West	South	cloudy	cloudy			
23d	48	57	42	43 3/6	South	West	cloudy	clear		1	Rain
24th	35	36	27	31 3/6	N. East	N. East	cloudy	cloudy			
25th	28	42	33	34 4/6	N. East	East	Cloudy	Clear			
26th	30	45	43	41 1/6	North	N. West	cloudy	clear			
27th	41	46	40	42 1/6	North	N. East	cloudy	cloudy			
28th	40	48	35	39	N. West	North	Clear	clear			
29th	25	48	28	33 3/6	North	N. West	cloudy	clear			
30th	21	44	29	32 2/6	East	S. East	clear	clear			Frost White
31st	26	47	35	31 4/6	South	South	clear	clear			Frost White

Diary of the Weather at Fort Winnebago for the month of November 1831

Dates	Thermometer					Winds		Weather		Rain			Remarks
	A.M.	P.M.	[illegible]	Mean		A.M.	P.M.	A.M.	P.M.	In	Hr	Min	
Nov 1st	30	52	42	41	2/6	South	N. West	Clear	Clear				White Frost
2	30	41	28	31	–	N. East	North	Clear	Clear				Frost Severe last Night
3	18	37	24	26	3/6	East	West	Clear	Cloudy				Frost
4	19	43	30	32	2/6	East	South	Clear	Clear				
5	29	42	36	36	2/6	S. East	S. West	Cloudy	Clear				
6	33	41	35	36	2/6	East	N. East	Cloudy	Cloudy				
7	34	44	28	35		North	S. East	Cloudy	Cloudy				
8	32	50	42	42	2/6	S. East	South	Cloudy	Clear				
9	38	43	40	41	3/6	South	S. West	Cloudy	Cloudy		5		Rain during the day & Night
10	45	52	46	46	3/6	S. East	S. East	Cloudy	Cloudy		3		Rain during the day
11	38	40	33	34	4/6	North	North	Cloudy	Cloudy				
12	24	42	30	31	4/6	N. West	West	Clear	Clear				Frost last Night
13	22	39	36	32	4/6	N. East	North	Clear	Cloudy				
14	32	44	37	36	5/6	South	South	Cloudy	Cloudy			8	Rain During the Night
15	27	34	26	28	4/6	West	N. West	Clear	Cloudy				Snow Light
16	25	32	29	29	3/6	N. West	N. West	Cloudy	Cloudy				
17	30	41	26	32	4/6	N. West	West	Cloudy	Cloudy				

18	20	48	30	34	3/6 East	South	Clear	Clear				
19	31	41	38	37	1/6 N. East	East	Cloudy	Cloudy				
20	34	36	31	36	N. East	N. East	Cloudy	Cloudy		4		Rain during the day
21	30	31	30	29	4/6 North	N. West	Cloudy	Cloudy				
22	26	29	26	26	4/6 North	N. West	Cloudy	Cloudy				
23	24	34	25	26	3/6 North We	N. West	Cloudy	Cloudy				High Wind
24	17	20	14	15	1/6 N. West	N. West	Cloudy	Cloudy				
25	6	18	13	12	2/6 N. West	N. West	Clear	Cloudy				River froze over
26	6	24	19	17	2/6 N. West	N. West	Clear	Cloudy				
27	13	32	26	24	4/6 N. West	North	Clear	Clear				
28	19	27	26	27	2/6 N. West	West	Clear	Cloudy				
29	20	39	32	32	N. West	South	Clear.	Clear				
30	30	34	18	23	2/6 N. West	North	Clear	Cloudy				

Diary of the Weather at Fort Winnebago for the Month of December 1836

Dates		Thermometer				Winds		Weather		Rain			Remarks
		am	P.m	[illegible]	Mean	A.M.	P.M.	A.M.	P.M.	Inchs	Ths	Hours	
Dec	1	6	18	15	13 4/6	North	West	Clear	Clear				
	2	10	30	32	27 4/6	South	North	Clear	Clear				
	3	32	34	30	31 4/6	South	South	Clear	Clear				
	4	30	36	30	30 2/6	South	South	Clear	Clear				
	5	20	18	6	11 2/6	N. West	N.W.	Clear	Clear				
	6	00	20	16	8 4/6	N.W.	N.W.	Clear	Clear				
	7	16	40	34	32 1/6	N.W.	N.W.	Clear	Clear				
	8	29	43	41	36	South	South	Clear	Clear			7	Rain during the Night
	9	39	38	29	32 4/6	S. East	North	Cloudy	Cloudy		3		Rain during the day
	10	23	36	33	31 4/6	N West	South	Cloudy	Cloudy				
	11	29	34	28	28 2/6	West	N. West	Clear	Cloudy				
	12	17	30	27	25 5/6	West	East	Clear	Cloudy		5		Snow during the Night
	13	24	27	19	19 4/6	N. East	N. East	Cloudy	Cloudy				
	14	4	24	3	9 4/6	N. West	North	Clear	Cloudy				
	15	-4	14	6	8 5/6	N West	N. East	Clear	Clear				
	16	13	20	16	15 3/6	N East	North	Cloudy	Cloudy				
	17	8	30	16	14 4/6	North	North	Cloudy	Cloudy				

18	8	14	10	12	1/6 West	South	Cloudy	Clear		
19	17	25	30	26	3/6 South	South	Cloudy	Cloudy	2	Sleet during the Night
20	32	17	-4	11	S East	North	Cloudy	Cloudy	7	Snow during the day
21	-17	-11	-16	-13	1/6 N West	West	Clear	Clear		High N West wind during the Night
22	-8	13	18	14	3/6 East	South	Cloudy	Cloudy		
23	25	14	3	10	2/6 West	N. West	Cloudy	Clear		
24	3	21	20	14	1/6 N. East	N East	Cloudy	Cloudy		
25	-2	-5	-11	-9	2/6 North	N. West	Clear	Clear		
26	-22	-2	-3	-7	4/6 N West	S. East	Clear	Cloudy		
27	-14	10	10	7	4/6 West	East	Clear	Clear		
28	6	28	18	19	3/6 S. East	South	Clear	Clear		
29	18	30	19	20	North	N. East	Cloudy	Cloudy		
30	4	25	18	17	1/6 East	S. West	Clear	Clear		
31	13	29	32	24	1/6 S. West	S. East	Clear	Clear		

Diary of the Weather at Fort Winnebago for the Month of January 1837

Dates	Thermometer A.M.	Thermometer P.M.	[illegible]	[illegible]	Winds A.M.	Winds P.M.	Weather A.M.	Weather P.M.	Rain Inch	Rain Ths	Rain Hund	Remarks
Jan 1	10	11	3	6 2/6	N. East	N. East	Clear	clear				
2	-6	4	-5	-4 2/6	North	North	Clear	Clear				
3	-7	2	6	3 4/6	N. West	N. West	clear	Clear				High Wind this evening
4	6	14	14	12 2/6	N. West	N. West	Clear	Cloudy				
5	12	22	21	19 2/6	N. West	North	Cloudy	Cloudy				
6	18	23	14	15 4/6	North	North	Cloudy	Cloudy				
7	2	19	13	14	S. East	South	Clear	Clear				
8	18	33	24	26	East	South	Cloudy	Cloudy				
9	24	30	22	26 1/6	East	N. East	Cloudy	Cloudy		4		Snow
10	19	28	20	16 2/6	N. East	North	Cloudy	Cloudy				
11	14	14	10	11 3/6	S. West	S. West	Cloudy	Cloudy			2	Snow
12	7	21	16	16 1/6	N. West	N. West	Cloudy	Cloudy				
13	16	26	16	15 5/6	North	North	Cloudy	Cloudy				
14	13	18	2	9 2/6	North	North	Cloudy	Cloudy				
15	5	18	13	11 5/6	South	S. West	Cloudy	Cloudy				
16	4	20	6	11	West	North	Clear	Clear				
17	10	33	23	25 4/6	North	S. East	Cloudy	Cloudy				

18	20	34	26	27 3/6	N. West.	East	Cloudy	Cloudy			2	Snow
19	25	30	26	26 5/6	North	North	Cloudy	Cloudy				
20	24	29	24	25 3/6	N. East	North	Cloudy	Cloudy				
21	22	26	21	22 1/6	N. West.	North	Cloudy	Clear				
22	17	26	21	22 3/6	North	S. West	Cloudy	Cloudy				
23	23	24	18	20 1/6	N. West.	North	Cloudy	Cloudy				
24	14	19	8	10 4/6	North	N. West.	Cloudy	Clear				
25	2	24	17	15 2/6	S. East	S. East	Cloudy	Cloudy				
26	10	20	11	15	N. West.	N. West.	Cloudy	Cloudy				
27	18	24	20	18 3/6	South	N. West.	Cloudy	Cloudy			1	Snow during the Night
28	7	25	20	17	East	South	Clear	Clear				
29	5	30	16	16 3/6	N. West.	N. West.	Clear	Clear				
30	2	29	19	20 1/6	East	South	Clear	Clear				
31	23	32	26	27 1/6	S. East	South	Cloudy	Cloudy			3	Snow during the day Lt. Tapson arrived ~~last night~~ from Saratoga came through alone

Diary of the Weather at Fort Winnebago for the month of February 1831

Dates	Thermometer				Winds		Weather		Rain			Remarks
	A.M.	P.M.	[illegible]	Mean	A.M.	P.M.	A.M.	P.M.	Inch.	Hs	Hund	
1	6	7	-2	3 4/6	North	N. West	Cloudy	Clear				
2	-18	8	-3	-4 2/6	N. West	South	Clear	Clear				
3	14	28	18	22	South	S. East	Clear	Clear				
4	26	36	30	30 4/6	N. East	N. East	Cloudy	Cloudy				
5	27	35	27	29 4/6	North	N. East	Cloudy	Cloudy				
6	26	36	36	33	East	N. East	Cloudy	Cloudy		7		Rain & Hail during the night
7	28	30	24	26	N. East	North	Cloudy	Cloudy		1		Snow
8	20	30	21	23	North	North	Cloudy	Cloudy				
9	16	24	22	21 3/6	North	North	Cloudy	Cloudy				
10	11	25	16	15 3/6	North	West	Cloudy	Clear				
11	0	25	23	16 4/6	S. West	S. West	Clear	Clear				
12	4	3	-6	-3 2/6	N. West	N. West	Clear	Clear				
13	-19	14	16	14 3/6	East	South	Clear	Clear				Light Snow in the night
14	27	39	32	33	South	West	Cloudy	Clear				
15	31	34	26	25 3/6	N. East	N. East	Cloudy	Cloudy				Sleet ——
16	4	17	6	8 2/6	N. East	N. East	Clear	Clear				
17	-6	8	2	4 2/6	North	North	Clear	Clear				

18	6	27	24	22 2/6	S. West	West	Clear	Clear		
19	26	42	29	32 3/6	South	South	Cloudy	Cloudy	5	Snow during the day & night
20	27	35	22	27	North	North	Cloudy	Clear		Mist over the Prairie
21	15	36	28	28 1/6	S. East	South	Clear	Cloudy		Mist " " "
22	26	38	32	32 2/6	N. East	East	Cloudy	Clear		
23	28	35	25	26 4/6	N. East	North	Cloudy	Cloudy	5	Snow
24	12	29	20	20 4/6	N. West	S. West	Clear	Clear		
25	14	36	20	24	N. West	West	Clear	Clear		
26	18	45	28	27 2/6	S. East	West	Cloudy	Cloudy		
27	-3	16	1	6 3/6	N. West	N. West	Clear	Clear		
28	5	23	8	11 3/6	East	East	Cloudy	Cloudy	1	Light Snow

Diary of the Weather at Fort Winnebago for the Month of March 1837

Dates	Thermometer A.M.	Thermometer P.M.	Thermometer S.S.	Mean	Wind A.M.	Wind P.M.	Weather A.M.	Weather P.M.	Rain Inc.	Rain Ths.	Rain Hun.	Remarks
1	2	23	2	8 4/6	North	S. West	Clear	Clear				
2	-3	22	5	9 1/6	South	N. West	Clear	Clear				
3	1	26	10	14 2/6	N. West	S. West	Clear	Clear				
4	16	28	13	16 5/6	S. West	N. West	Cloudy	Cloudy				
5	3	22	22	18 3/6	South	South	Clear	Cloudy			5	Snow during the day & night
6	20	40	32	32 4/6	S. East	S. East	Cloudy	Clear			6	Sleet during the night
7	31	37	32	30 2/6	South	North	Cloudy	Cloudy			6	Rain — Light Snow during the night
8	14	15	11	12 5/6	North	N. West	Cloudy	Clear				
9	5	17	8	9 1/6	N. West	N. West	Cloudy	Clear				
10	-2	23	14	14 1/6	West	S. West	Clear	Clear				
11	15	36	28	28	N. East	N. East	Cloudy	Cloudy			1	Light Snow in the night
12	25	51	24	31 4/6	N. West	N. West	Cloudy	Cloudy				Light Snow in the afternoon
13	15	26	16	17	North	N. West	Cloudy	Clear				High Wind in afternoon
14	3	16	8	8 3/6	N. East	North	Clear	Clear				
15	0	22	11	12 1/6	N. West	South	Clear	Clear				
16	11	42	32	32 1/6	S. East	S. West	Clear	Clear				
17	36	31	29	26	South	S. West	Cloudy	Cloudy		3		Sleet during the day High Wind in the night

18	0	17	9	9 4/6	N. West	N. West	Clear	Clear		
19	6	31	30	24 3/6	East	S. East	Cloudy	Clear		
20	19	49	33	35 3/6	East	North	Clear	Clear		Mist over the Portage
21	30	37	30	31 2/6	N. East	N. East	Cloudy	Clear		
22	24	40	26	30 3/6	N. East	East	Cloudy	Clear		
23	27	47	29	34 4/6	S. East	East	Cloudy	Clear		
24	26	46	34	35 2/6	East	East	Cloudy	Clear		Wild geese seen to day
25	26	29	17	22 4/6	North	North	Cloudy	Clear		&c
26	18	43	32	33 3/6	S. West	S. West	Clear	Cloudy		Wild ducks seen to day [illegible] Blackbird appeared [illegible]
27	32	50	37	37 3/6	S. West	West	Cloudy	Cloudy		[illegible] A. K. Tappan [illegible]
28	19	26	16	19 2/6	North	N. West	Cloudy	Clear		High Wind
29	14	34	25	26 3/6	North	N. West	Clear	Clear	3.	Wild Pigeons to day Snow during the night
30	27	44	30	33 3/6	East	East	Cloudy	Cloudy	2.	Snow in the fore noon
31	28	41	21.	28	North	N. West	Cloudy	Cloudy		High Wind in the afternoon

Diary of the Weather at Fort Winnebago for the Month of Aprill 1837

	Thermometer				Winds		Weather		Rain			
Dates	a.m.	P.m.	Evening	Mean	A.M.	P.M.	A.M.	P.M.	Inch	Ths	Hund	Remark
1	16	40	29	31 2/6	N. West	N. West	Clear	Clear			1	Snow during the Night
2	28	41	31	30 4/6	N. West	N. East	Cloudy	Clear				High Wind this afternoon
3	10	28	18	19 4/6	N. West	N. East	Clear	Clear				
4	14	46	32	32 4/6	East	S. East	Clear	Clear				
5	24	50	32	36 4/6	N. East	N. East	Clear	Clear				
6	29	31	29	29 3/6	North	N. East	Cloudy	Cloudy		6		Snow during the day & High Wind
7	30	39	31	33 3/6	N. East	North	Cloudy	Cloudy		3		this afternoon — Hail & Snow during
8	30	42	30	32 4/6	North	North	Cloudy	Cloudy		3		the night — High wind — Sleet during
9	20	41	30	29 3/6	North	North	Clear	Clear		3		the day — Snow during the night
10	17	50	31	33 1/6	S. West	N. East	Clear	Clear				Larks seen to day —
11	22	52	34	36 5/6	North	N. East	Clear	Clear				
12	27	55	41	43 3/6	N. East	N. West	Cloudy	Clear				English Snipe killed to day! [illegible]
13	44	53	40	42 0/6	N. West	N. West	Cloudy	Cloudy				High Wind this afternoon
14	29	50	43	41 1/6	North	East	Clear	Clear		3		14th Barn Swallows Rain during the night
15	35	32	32	31 3/6	East	N. East	Cloudy	Cloudy		4		Snow during the day
16	26	42	32	34	North	North	Clear	Cloudy				
17	30	37	32	32 4/6	N. West	N. West	Cloudy	Cloudy				High Wind Robins seen to day

18	28	45	35	35 4/6	N. West	N. West	Clear	Cloudy		High Wind Robert Burbank [illegible] [illegible] Miller [illegible]
19	26	53	41	39 4/6	N. West	N. West	Clear	Cloudy		
20	24	45	31	33 3/6	N. West	North	Clear	Clear		
21	25	47	34	35 4/6	North	N. East	Clear	Clear		
22	24	50	33	36	East	East	Clear	Clear		
23	26	42	28	31 3/6	North	N. East	Cloudy	Clear		
24	23	51	35	37	North	East	Clear	Clear		
25	27	58	37	40 5/6	East	North	Clear	Clear		
26	28	55	41	42 5/6	East	East	Clear	Clear		
27	37	58	45	46 3/6	S. East	S. East	Cloudy	Clear		Four horse stage arrived this evening.
28	34	69	55	55	S. East	S. West	Clear	Clear		with Ex Secretary Hosmer
29	48	70	51	55	N. East	N. East	Clear	Clear	2	Rain in the night
30	40	44	30	34 1/6	N. East	N. East	Cloudy	Cloudy		

N.	9	Prevg
N.E.	5	
E.	5	
S.E.	2	
S.	0	
S.W.	1	
W.	0	
N.W.	8	

Diary of the Weather at Fort Winnebago for the Month of May 1837

Dates	Thermometer				Winds		Weather		Rain			Remarks
	am	Pm			A.M.	P.M.	A.M.	P.M.	Inch	Ths	Hund	
1	19	44	33	$33\frac{2}{6}$	N. West	South	Clear	Clear				Hail in the night
2	30	43	39	3¼.	S. East	N. West	Cloudy	Cloudy		2	5	Rain during the day
3	34	59	49	$46\frac{2}{6}$	North	South	Cloudy	Clear				Lightning in the South West
4	42	80	67	$63\frac{2}{6}$	S. East	S. West	Cloudy	Clear		.		Rail make their appearance
5	46	44	37	$39\frac{2}{6}$	N. East	N. East	Cloudy	Cloudy			1	Ice [illegible] had nothing on it this morning Light shower this afternoon [illegible] with shower during the night
6	30	59	46	46	North	North	Clear	Clear				
7	36	43	36	$38\frac{2}{6}$	East	East	Cloudy	Cloudy		5		Rain this day
8	36	53	45	$46\frac{1}{6}$	N. East	East	Cloudy	Cloudy		6	3	Rain during the day & night.
9	45	55	43	$46\frac{1}{6}$	West	N. West	Cloudy	Cloudy		1		Rain during the night with Thunder & lightning
10	36	61	50	51	East	S. East	Clear	Clear				Thunder storm in the night
11	48	54	47	49	N. West	North	Cloudy	Cloudy		8	5	Rain during the day & night
12	44	57	45	$48\frac{4}{6}$	N. West	East	Cloudy	Clear				Capt Alexander started for G Bay Light shower in the night
13	44	75	50	$56\frac{2}{6}$	East	S. West	Cloudy	Cloudy			1	with Indian prisoners High Wind Today - Rain in the night
14	44	57	40	$45\frac{2}{6}$	North	N. East	Cloudy	Cloudy		1		Rain during the night
15	36	47	39	$40\frac{2}{6}$	North	North	Cloudy	Cloudy			8	Rain the fore noon
16	34	46	36	39	N. East	North	Cloudy	Cloudy				Light snow this day

17	36	61	45	$45\frac{2}{6}$	East	West	clear	cloudy			
18	42	55	40	45	West	North	cloudy	cloudy	4	5	Rain during the day & night
19	38	59	48	$48\frac{4}{6}$	N. West	N. East	cloudy	clear			
20	40	78	52	57	South	N. West	clear	cloudy			N. 6
21	42	66	48	52	N. East	N. West	cloudy	cloudy			N.E 4
22	42	66	45	$50\frac{2}{6}$	North	N. West	cloudy	cloudy			E. 7 Prevg
23	38	66	51	$53\frac{2}{6}$	North	South	clear	cloudy			S.E 4
24	48	64	48	$51\frac{4}{6}$	S. East	East	cloudy	clear			S. 1
25	38	71	55	$56\frac{4}{6}$	East	East	clear	clear			S.W. 1
26	50	78	53	$59\frac{1}{6}$	S. West	N. East	cloudy	clear			W. 3
27	44	73	49	$55\frac{2}{6}$	East	East	cloudy	clear			N.W. 5
28	45	77	57	$60\frac{1}{6}$	N. East	S. East	clear	cloudy			31
29	48	84	57	$63\frac{4}{6}$	East	East	cloudy	cloudy			
30	52	84	64	$67\frac{2}{6}$	N. West	South	clear	clear	2		Rain in the night
31	56	86	62	$67\frac{4}{6}$	S. East	West	clear	cloudy			
					North						

Diary of the Weather at Fort Winnebago for the Month of June 1837

Dates	Thermometer				Winds		Weather		Rain			Remarks
	am.	P.M.	[illegible]	[illegible]	A. M.	P. M.	A. M.	P. M.	[illegible]	[illegible]	[illegible]	
1	54	85	65	69	North	South	Clear	Cloudy		6		Rain during the day & night
2	60	77	60	64$\frac{2}{6}$	East	S. East	Cloudy	Cloudy		2		Rain during the day & night [illegible] started for Chicago this day
3	52	79	63	65$\frac{4}{6}$	North	West	Cloudy	Clear		2		Rain in the night
4	58	79	59	65	East	N. West	Clear	Clear				
5	56	77	64	67	S. East	S. East	Cloudy	Cloudy	1	6	5	Rain during the day and night Thunder & lightning in the night
6	64	66	51	56$\frac{4}{6}$	West	North	Cloudy	Cloudy				High Wind this day
7	42	70	56	56$\frac{1}{6}$	N. West	N. East	Clear	Clear				
8	43	74	59	59$\frac{5}{6}$	N. East	East	Clear	Clear				
9	50	76	65	64$\frac{2}{6}$	East	South	Clear	Cloudy			1	Light Shower this afternoon — Rain — the night
10	57	74	59	63$\frac{1}{6}$	North	N. East	Cloudy	Clear				
11	56	74	56	61	North	N. East	Cloudy	Clear				
12	50	78	64	65$\frac{2}{6}$	N. East	East	Clear	Clear				
13	58	80	63	66$\frac{5}{6}$	S. West	South	Cloudy	Cloudy		1	2	Light Showers ~~during~~ the day & night Thunder & lightning
14	57	70	55	59$\frac{5}{6}$	N. East	North	Cloudy	Clear				
15	51	75	60	61$\frac{5}{6}$	N. East	N. East	Clear	Clear				
16	50	75	57	61	North	S. West	Clear	Clear				

17	52	82	60	65	East	N. East	Clear	Clear				
18	54	81	60	65	S. East	S. East	Cloudy	Cloudy				
19	54	71	48	55 4/6	North	North	Cloudy	Cloudy			8	Rain during the night
20	42	63	45	50 2/6	North	North	Cloudy	Cloudy				
21	44	79	57	61 2/6	West	West	Clear	Clear				
22	52	75	57	61 5/6	West	S. West	Clear	Cloudy			7	Rain during the night
23	55	77	60	64	South	West	Cloudy	Cloudy			2	Rain during the night – Thunder & Lightning
24	55	76	55	60 2/6	N West	N West	Clear	Clear				Foggy atmosphere – [illegible] last night
25	45	74	54	59 3/6	South	South	Clear	Clear		1	8	Do – Rain during the night
26	55	75	54	61 3/6	West	N. West	Cloudy	Cloudy			7	Rain this afternoon
27	50	75	55	60	N. West	South	Cloudy	Clear				
28	50	77	67	64 4/6	South	S. East	Clear	Cloudy				
29	66	87	73	74½	South	South	Cloudy	Clear				Strawberries ripe in quantity
31	72	88¼	59	67½	S. West	S. West	Cloudy	Cloudy	1	6		Rain this fore noon – Rain this afternoon with thunder & lightning
										8	0	

Diary of the Weather at Fort Winnebago for the Month of July 1837

	Thermometer				Winds		Weather		Rain			
Dates	a.m.	P.m.	[illegible]	Mean	A. M.	P. M.	A. M.	P. M.	Inches	Tenths	Hund.	Remarks
1	49	72	56	[illegible]	N. West	N. West	Clear	Clear				
2	56	62	54	57⅓	South	East	Cloudy	Cloudy		5		Rain during day
3	52	79	62	63⅓	West	South	Cloudy	Clear				Rain with thunder & Light during night
4	59	79	74	71⅓	South	S. East	Cloudy	Clear	1	0	5	Showers with thunder & Lightning continued all night
5	64	76	62	66	South	North	Cloudy	Cloudy	2	6		Showers with thunder & Light Troops left this morning for Prairie du Chien & St Peters)
6	56	63	51	56⅔	N. West	S. W.	Clear	C				
7	58	78	68	67	W.	N.	C	Cl				
8	52	79	62	64⅓	S. W.	S.	C	Cl				
9	55	77	62	67	E.	S. E.	Cl	Cl				
10	62	83	65	6½	W	S. W.	[illegible]	C				
11	58	82	64	67⅔	E.	S. E.	Cl	C				
12	57	89	76	73⅔	S.	S.	C	C		5		Rain Wind, Thunder Lightning
13	67	77	65	73⅔	W.	S. W.	C	Cl				
14	65	89	68	73⅔	S.	S. W.	C	C				
15	61	75	58	64⅔	W.	W.	C	C				
16	59	78	57	65	E.	W.	C	Cl				

17	57	82	68	71⅓	S.E.	c	S.	Cl	C				
18	67	90	60	71⅓	S.E.	c	S.	Cl	Cl				
19	56	87	58	67⅓	S.W.	c	W.	Cl	C				
20	57	84	57	65⅔	W.	c	W.	Cl	C				
21	53	82	62	65⅔	S.E.	c	S.	Cl	C				
22	54	86	68	69⅓	S.E.	c	W	Cl	Cl		1	5	Rain with thunder & Lightni
23	65	82	62	68	W	c	W	Cl	C				
24	55	81	63	66⅓	N.	c	N.E.	Cl	Cl				
25	60	86	68	71⅓	S.E.	c	S.E.	Cl	Cl		1	5	Rain Thunder, ~~Light~~ Severe Wind during Night -
26	62	88	64	71	S.W.	c	S	Cl	Cl				
27	60	75	64	66⅓	N	c	S	Cl	C				
28	63	83	67	71⅓	S.E.	c	E	Cl	Cl				
29	66	93	67	75	S	c	N.W.	Cl	Cl			1	Light shower this morning High wind this afternoon
30	60	86	56	66⅔	W.	c	W	Cl	Cl				
31	57	85	68	71⅓	N.E.	c	S W	Cl	Cl				
										~~5~~	~~5~~	~~6~~	
										5	6	6	

Diary of the Weather at Fort Winnebago for the Month of August 1857

Dates	Thermometer				Winds		Weather		Rain			Remarks
	A.M.	P.M.	Evening	Mean	A.M.	P.M.	A.M.	P.M.	Inch	10ths	Hours	
1st	67	87	68	73½	S.	S.	Cl	Cl	1	5	4	Rain high wind with thunder & Lightning During Night
2nd	64	82	61	67½	S.W.	W.	Cl	Cl				
3rd	50	75	57	63	W.	N.	Cl	Cl				
4th	54	73	56	60	E.	N.E.	Cl	C				
5th	48	73	53	58½	E.	S.	C	C				
6th	50	78	62	64½	E.	S.E.	C	Cl				
7th	59	84	67	70½	E.	S.E.	Cl	Cl		5	5	Rain this Day
8th	64	72	62	65	E.	N.E.	Cl	Cl				
9th	58	80	61	65½	S.W.	W.	Cl	Cl				
10th	56	81	58	64½	W.	S.W.	Cl	Cl				
11th	53	76	56	61½	N.W.	W.	Cl	Cl				
12th	52	80	54	61½	N.	W.	C	Cl				
13th	51	82	55	62½	E.	N.W.	C	Cy				Wind during the night
14th	52	78	62	65½	S.W.	S.W.	C	C				Rain with thunder lightning and high
15th	61	81	66	68½	N.	S.E.	C	Cy				Thunder and Lightning with light Wind during the night
16th	63	88	73	77	S.W.	S.W.	C	Cy				

17	67	77	55	63⅔	W.	W	C	Cy				
18th	49	72	58	61⅔	N.W	E	C	C				
19th	58	78	64	67⅔	E	S.E.	Cy	Cy				
20th	64	83	64	70⅓	S.E.	W	Cy	C				this morning
21st	64	62	47	54⅓	S.W.	W.	Cy	C		1	5	Thunder, lightning, Rain with high wind
22nd	45	63	46	51.	N.W	W	C	C				
23rd	49	74	51	57	N.W	W	Cy	Cy				Frost this morning
24th	49	79	56	62⅓	S.W	S.W	C	C				
25th	54	75	64	65⅓	S.E.	S.E	Cy	Cy			5	Thunder and rain with light wind
26th	60	80	60	65⅔	S.	W.	C	C				
27th	53	86	62	67	E	E	C	C				
28th	63	83	71	72⅓	S. E.	S.W.	Cy	Cy				Lightning with light shower at night
29th	64	91	73	74⅓	S. E.	S.W.	C	C				Thunder and lightning this evening
30th	56	61	48	52⅓	N. E.	N.	Cy	Cy		6	..	Rain this morning
31st	39	58	45	47⅓	N.	N. E	C	C				

~~2 7 9~~

2 8 9

1837

Diary of the Weather at Fort Winnebago W. T. for the Month of September

Dates	Thermometer				Winds		Weather		Rain			Remarks
	A.M.	P.M.	Evening	Mean	A. M.	P. M.	A. M.	P. M.	Inches	Tenths	Hundredths	
1st	40	68	52	55⅓	N. W.	W.	C	C				
2	53	64	45	58⅔	N. E.	N.	Cy	C				
3	40	71	52	53⅓	W.	S. W.	C	C				
4	50	77	57	61⅓	S. W.	S. W.	C	Cy				
5	52	76	63	65	S. E.	S. W.	C	Cy	.	2	.	Rain with Thunder & lightning
6	60	75	66	68⅔	S.	S. W.	Cy	Cy				Rain with thunder & lightning at night
7	66	87	70	75	S. E.	S. W.	Cy	Cy	.	2	=	Rain & thunder lightning and showers at night
8	70	84	74	78⅔	S. W.	S. W.	Cy	Cy	.	=	3	Thunder & light showers with high winds
9	82	85	63	53	S. W.	W.	Cy	Cy	1	6	=	
10	60	54	48	44⅔	N. E.	N. E.	Cy	Cy	=	2	-	Rain
11	41	62	40	47⅔	N. W.	N. W.	C	C				
12	38	63	50	52⅔	N.	S.	C	C				
13	49	72	54	58⅔	S.	S. W.	Cy	C				
14	50	75	58	62⅔	S.	S. W.	Cy	C				Ass't Surg. McDougal relieved from duty
15	59	73	64	66⅔	S.	S. W.	Cy	C	.	..	5	high wind
16	56	65	64	63	N. E.	S.	Cy	Cy	..	7	.	Rain storm during the day & night with—

17	64	62	41	51	S. W.	W.	C	Cy	-	-	8	High Wind during the day and night
18	36	58	40	44	N. W.	N. W.	Cy	Cy				High winds during the day
19	32	58	38	43⅓	N. W.	E.	M	C				
20	35	59	45	47⅔	E.	S.	C	C				High wind during the day
21	43	62	40	46⅔	S.	N. W.	Cy	Cy				
22	34	55	37	43	W.	N. W.	C	C				
23	40	61	45	48⅔	S. E.	S	C	C				
24	41	68	55	55⅔	S.	S	C	Cy				Asst Surg. McDougall left for Fort Reed
25	55	70	53	57⅔	S.	N. W.	Cy	Cy	-	4	7	Rain during the day and night
26	40	45	42	43⅔	N. E.	N. E.	Cy	Cy	-	2	8	Rain during afternoon & night
27	47	63	53	54⅓	E.	W.	My	My		9	5	Rain afternoon evening
28	49	64	51	54⅔	N. W.	N. W.	My	My	-	-	7	Light showers at night
29	50	59	50	54⅓	E.	E.	My	My	-	-	1	Light showers Do
30	50	64	49	52⅔	N. W.	N. W.	Cy	Cy	-	5	5	[illegible]
									5	3	9	

Diary of the Weather at Fort Winnebago W. T. for the Month of October 1837

Dates	Thermometer			Mean	Winds		Weather		Rain			Remarks
	A.M.	P.M.	Evening		A.M.	P.M.	A.M.	P.M.	Inches	Tenths	Hund	
1	44	63	53	53	W	S. E.	Cy	Cy	-	-	4	Showers this evening
2	42	57	45	47½	N. W.	N.	Cy	C	-	-	-	
3	40	57	44	48	N. E.	E.	Cy	Cy	-	-	1	Light showers this evening
4	46	52	48	48½	E	E	Cy	Cy	-	-	-	Evening ~~high~~ winds Rain this evening with thunder & ligh
5	46	53	40	43½	N. W.	N. W.	C	C	-	4	5	
6	30	50	34	38½	N.	N. W.	C	C	-	-	-	
7	31	58	49	48	N.	N. W.	C	C	-	-	2	
8	43	59	45	49	N. E.	S. E.	Cy	Cy	-	-	-	Showers this evening
9	43	53	50	48½	S.	S.	Cy	Cy	-	-	7	Light showers during the day
10	42	64	48	51½	W	N. W.	C	C	-	-	6	
11	38	68	53	52½	N.	S. E.	C	Cy	-	-	-	
12	36	40	31	33	N.	N.	Cy	Cy	-	-	-	
13	20	42	29	33	N.	W	C	C	-	-	-	
14	36	65	51	51½	S.	N. W	Cy	C	-	-	-	High Winds during the day
15	35	67	41	47	N. E.	N. E.	C	C	-	-	-	
16	31	62	49	50½	E	E	Cy	C	-	-	-	

17	51	71	58	$61\frac{1}{6}$	S.	S. W.	Cy	Cy	-	-	4	Light shower this evening
18	53	53	49	$53\frac{5}{6}$	N. W.	N. W.	Cy	Cy	-	-	-	
19	45	57	47	$48\frac{5}{6}$	N. E.	N. W.	Cy	Cy	-	-	2	Light showers at night
20	40	53	41	45	N. W.	N. W.	Cy	C	-	1	-	Rain at night
21	42	61	66	$56\frac{5}{6}$	E.	S. E.	Cy	Cy	-	-	-	
22	45	53	45	$63\frac{5}{6}$	N. W.	N	C	C	-	-	-	
23	42	49	32	$37\frac{5}{6}$	N	N. W.	Cy	C	-	-	-	
24	23	40	31	31	N.	N.	C	Cy	-	-	-	
25	21	36	22	$25\frac{5}{6}$	N	N. E.	Cy	Cy	-	-	-	
26	16	31	19	$29\frac{3}{6}$	N	N.	C	C	-	-	-	
27	25	47	31	$34\frac{5}{6}$	N. W.	N. W.	Cy	C	-	-	-	
28	28	42	30	$31\frac{1}{6}$	N	N. E.	Cy	Cy	-	-	-	
29	18	43	23	28	N	N. E.	C	C	-	-	-	
30	18	43	25	29	N	N. E.	C	C	-	-	-	
31	20	46	32	33	N	S. W.	C	Cy	-	-	-	

Diary of the Weather at Fort Winnebago W. T. for the Month of November 1837

Dates	Thermometer A.M.	Thermometer P.M.	Thermometer Evening	Mean	Winds A. M.	Winds P. M.	Weather A. M.	Weather P. M.	Rain Inchs	Rain 10ths	Rain Hund	Remarks
1	22	46	31	33½	N. W.	N. E.	Cy	C				
2	25	50	39	40½	N. E.	S. W.	Cy	C				
3	40	53	42	44½	N. E.	N. W.	Cy	Cy	-	-	8	Rain this morning
4	36	34	30	32½	N. E.	N. E.	Cy	Cy	-	6	6	Rain this morning, snow this evening
5	30	35	31	32½	N. W.	N. W.	Cy	Cy	-	-	7	Rain
6	31	43	32	34½	S. W.	N. W.	Cy	Cy	-	1	2	Snow & Rain this morning
7	28	40	21	30½	N	N. W.	C	C	-	-	2	"
8	34	51	45	45½	E.	S	C	Cy	-	3	1	Showers with Thunder & lightning at night
9	48	53	37	44½	S.	N.	Cy	Cy	-	-	-	
10	27	46	44	42½	N.	N. E.	C	Cy	-	-	4	Showers at night
11	50	58	39	45	W.	N. W.	Cy	Cy				
12	26	41	33	33½	N.	N. E.	C	C				
13	29	43	24	32½	E	N	Cy	C				
14	31	44	27	32⅔	S. E.	S. E.	Cy	Cy				
15	21	39	23	27½	N. W.	N.	C	C				
16	20	45	35	37½	N	S	C	C				

17	43	54	48	48 2/6	S. W.	S. W.	Cy	Cy	-	.	4	Showers at night
18	43	46	31	37 5/6	S. W.	N. W.	C	C				
19	30	40	34	36	S E	E	Cy	Cy	-	6	7	Rain with Thunder & Lightning the Evening
20	38	40	35	36 1/2	N. E.	N. E.	Cy	Cy	-	1	4	Rain
21	32	32	28	29	N. E.	N. E.	Cy	Cy			9	Rain & Snow
22	22	25	14	18 5/6	N.	N.	Cy	Cy	-	.	-	Snow
23	10	24	20	17	N.	N W	Cy	Cy				
24	14	26	21	21 5/6	N.	N	C	Cy				
25	23	32	25	26 3/6	E.	E	Cy	Cy				
26	24	32	21	25 1/6	N	S E	Cy	Cy				
27	23	39	33	35 2/3	S E	S E	C	Cy	-	3	5	Rain during the night
28	46	52	41	45	S E	W	Cy	Cy	-	1	5	Rain
29	38	41	36	40 1/2	N W	N. W.	Cy	C	-	4	5	Lightning this evening & Thunder (with Rain
31	43	59	38	43 1/6	E	N. W.	Cy	Cy	-	-	4	Light Showers

Diary of the Weather at Fort Winnebago W T for the Month of December 1837

Dates	Thermometer			Mean	Winds		Weather		Rain			Remarks
	7M.	P.M.	[illegible]		A.M.	P.M.	A.M.	P.M.	Inches	10ths	100ths	
1	28	35	35	35⅔	N E	N E	Cy	Cy	-	8	-	Rain
2	46	45	30	36⅔	W	N W	Cy	Cy				Heavy wind during the night
3	24	31	25	26⅔	N W	N W	C	Cy				
4	21	25	15	19⅓	N W	N W	Cy	C				
5	16	35	28	28	S E	S W	Cy	Cy				
6	26	29	14	20⅔	N W	N W	C	C				
7	13	25	23	22	N W	N W	C	C				this evening
8	23	33	25	27⅔	N E	N E	Cy	Cy				Snow storm commenced at nine Oclock
9	27	31	23	25⅔	N E	N E	Cy	Cy	-	3	-	Snow continues
10	18	25	15	19⅔	N W	N W	Cy	C				light snow this morning
11	18	21	11	15⅔	N W	N W	Cy	C				Fox River froze Over Last night
12	11	25	14	17⅔	N W	N W	Cy	Cy				
13	16	15	11	13⅓	N W	N	Cy	Cy				
14	11	23	10	15⅔	N	N	Cy	C				
15	17	25	24	24⅔	E	E	Cy	Cy				Snow storm commenced this morning
16	31	33	26	23⅔	N E	N E	Cy	Cy				Snow continues

17	29	31	25	29 2/3	N	N W	Cy	Cy		2	5	Sleet & snow this morning
18	11	18	11	13 1/3	N W	N W	C	C				
19	10	21	2	10 2/3	N W	N	Cy	Cy				
20	3	14	7	7 2/3	N W	S W	Cy	Cy				Snow
21	0	7	0	2	N W	N W	C	C				
22	-2	10	0	2 2/3	N W	N W	C	C				
23	-3	13	9	8	S W	W	C	C				
24	7	27	22	23	N	S E	C	Cy				
25	33	39	29	28 2/3	S W	W	Cy	C				
26	2	16	6	8 2/3	N	N	C	Cy				
27	7	30	26	22 2/3	S E	S W	Cy	C				
28	18	26	20	23 1/3	N W	E	Cy	C				
29	30	43	26	32 2/3	W	N W	C	C				Thaw
30	29	39	30	31 1/3	N E	N	Cy	C				Sleet this morning
31	22	32	30	31 1/3	S W	S E	Cy	Cy				(Cho High wind & thaw during nig

Diary of the Weather at Fort Winnebago W. T. for the Month of January 1838

Dates	Thermometer			Mean	Winds		Weather		Rain			Remarks
	A.M.	P.M.	[illegible]		A. M.	P. M.	A. M.	P. M.	Inch	10ths	Hund	
1	35	42	41	41¾	S. E.	S	Cy	Cy				Warm high wind with showers
2	47	51	43	47½	S. W.	W	Cy	Cy	-	5	5	Light Showers, with thunder & lightning (heavy at night ing heavy winds at night like a gale
3	47	53	50	57½	S W	S.	Cy	Cy		7	-	Light showers thunder lightning rain
4	49	~~52~~	38	41	S E	S	Cy	Cy	-	1	-	Fox river open
5	17	29	18	23½	N W	N W	C	C				High winds
6	29	40	34	34½	S E	S E	Cy	Cy				High winds
7	28	29	15	21	N W	N W	Cy	C				High winds
8	10	32	29	21¼	N E	S E	C	Cy				High winds
9	-2	4	-3	-1½	N W	N W	C	C				High winds, Fox river froze over
10	-9	5	-3	0	N W	N	C	C				
11	5	30	23	21½	S W	N W	C	C				
12	17	34	25	21	S W	N W	C	C				
13	27	40	28	32½	W	S W	Cy	C				
14	31	37	22	28½	W	N W	Cy	C				
15	20	40	30	32½	S W	S W	Cy	C				
16	34	48	36	38½	S W	S W	C	Cy	-	4	-	High wind Rain & snow at night

17	30	25	15	19¾	N E	N E	Cy	Cy	-	1	·	Snow during the day
18	6	19	12	11	N	N	C	Cy				
19	-2	14	3	4¾	N	N W	C	C				
20	-5	5	-8	-4½	N W	N W	C	C				
21	-15	9	4	2½	S W	S E	C	C				
22	2	13	7	7½	N E	N E	Cy	Cy				
23	-7	19	10	8¾	N W	N W	Cy	Cy				Light snow at night
24	-1	14	-2	5¾	N	N	C	C				
25	11	25	18	16	N E	N E	Cy	Cy	-	1	3	Snow during the day & evening
26	-1	20	16	15¾	N W	S E	C	C				
27	23	31	4	13	S E	S E	Cy	Cy	-	-	5	Snow & High winds during the night
28	-15	16	3	1¾	N	N W	C	Cy				
29	-13	17	-2	1½	N	N	Cy	Cy				Snow this evening
30	-10	12	-7	-8¾	N	N W	C	C				
31	-15	0	-14	-10¾	N W	N W	C	C				

Diary of the Weather at Fort Winnebago W. T. for the Month of Febuary 1838

Dates	Thermometer			Mean	Winds		Weather		Rain			Remarks
	AM.	PM.	Evening		A. M.	P. M.	A. M.	P. M.	Inch	Ths	Hun	
1	-21	-2	-14	-5⅔	N W	N W	C	C				
2	0	21	12	14⅙	N W	N	Cy	Cy				
3	10	26	-2	9	~~N~~ W	N W	C	Cy				
4	-4	25	12	13	E	N W	Cy	Cy				Light snow at evening
5	8	32	6	15⅔	N	N W	Cy	Cy				
6	9	27	17	18⅔	E	N E	Cy	Cy	-	2	-	Snow storm commenced evening this mo
7	14	36	14	21	N W	N W	Cy	Cy				
8	12	27	15	17⅓	N W	N	Cy	Cy				
9	8	32	8	15⅓	N W	N W	Cy	Cy				Light snow this evening
10	3	22	3	7	N W	N	Cy	Cy				
11	-11	25	3	8⅔	N W	S W	C	Cy				Snow
12	5	16	-11	-0⅔	N	N	Cy	C				
13	-28	-6	-18	-16⅓	N	N	C	C				
14	-29	~~-8~~	-16	-16½	N	N	C	C				
15	-21	8	-7	-6	N	N W	Cy	C				
16	-18	21	-11	-1⅓	N W	N W	Cy	Cy				

17	-12	22	11	5/6	S W	S	C	C	High winds p.m. S. to N. W.
18	-3	14	-3	14/6	N W	N W	C	C	
19	-9	26	-5	21/6	N W	N W	C	C	
20	-17	7	-7	-24/6	N W	N W	C	C	
21	-7	21	0	45/6	N W	S	C	C	Thaw'd in the sun
22	-6	28	10	115/6	S W	S W	C	Cy	
23	1	19	5	72/6	N E	N	C	C	
24	-5	11	-5	01/6	N	N	C	C	
25	-2	13	-4	2	N E	N E	Cy	C	
26	-4	24	5	11/6	N W	N W	C	C	
27	7	28	17	18/6	N E	N E	C	Cy	
28	12	31	23	24	E	E	Cy	Cy	

Diary of the Weather at Fort Winnebago W. T. for the month of March 1838

Dates	Thermometer			Mean	Winds		Weather		Rain			Remarks
	A.M.	P.M.	S		A. M.	P. M.	A. M.	P. M.	Inch	Ths	Hund	
1	24	30	23	25 2/3	N E	N E	Cy	Cy	-	-	1	Snow storm commences this morning & ending at sundown
2	6	26	17	15 5/6	N E	N E	C	C				
3	0	31	18	17 1/2	N	N E	C	C				
4	7	39	26	25	N E	N E	C	Cy				
5	13	38	21	24	N	N W	C	C				
6	13	44	27	29 5/6	N E	N W	C	Cy				
7	23	31	24	25 1/4	N E	N E	Cy	Cy				
8	21	44	30	32 5/6	N	N	Cy	Cy				
9	28	40	25	29 7/8	N	S	Cy	C				
10	18	44	31	33 1/6	N E	E	C	C				
11	31	44	31	35	N W	N W	C	C				
12	29	53	36	39 5/6	S E	S W	C	C				
13	31	54	38	40 5/6	S E	N W	Cy	Cy	-	-	6	Rain this evening
14	30	41	33	34 4/6	N E	N E	Cy	Cy	-	-	1	Rain
15	30	43	31	33	N E	N E	Cy	Cy				
16	20	39	27	28 1/6	N E	N	Cy	C				

17	17	44	30	31 2/6	N	N W	C	C	
18	24	56	41	41 1/6	S W	S W	C	C	
19	33	55	37	40 4/6	N	N E	C	C	Large flocks of pigeons seen to day
20	27	45	33	34 4/6	N	N E	Cy	Cy	ducks seen in fox river to day
21	23	41	33	33 4/6	E	N E	C	Cy	
22	31	46	37	41 4/6	N E	N E	Cy	Cy	
23	46	65	36	46 4/6	S	S W	Cy	Cy	Wild geese seen this day high winds
24	26	49	33	36 4/6	N W	N W	C	C	
25	31	60	42	46	E	S W	Cy	C	
26	41	67	52	56 4/6	S E	S	Cy	Cy	
27	60	75	56	61 3/6	N W	N W	Cy	C	
28	47	72	54	57 1/6	N	N W	C	C	High winds
29	44	59	45	47 5/6	N E	N E	C	C	
30	35	63	57	49 5/6	N E	S W	Cy	Cy	High winds
31	36	61	44	46 1/6	N E	N E	Cy	Cy	
									High winds & Lightning this Evening

Diary of the Weather at Fort Winnebago W. T. for the Month of April 1838

Dates	Thermometer A.M.	 P.M.	 Evening	Mean	Winds A. M.	 P. M.	Weather A. M.	 P. M.	Rain Inchs.	 Ten.	 Hund.	Remarks
1	32	49	34	37 3/6	N E	N E	Cy	C				
2	27	54	40	23 5/6	N W	N W	Cy	C				High winds
3	24	51	33	36 4/6	N E	N W	C	C				
4	27	58	40	44 1/6	N E	S	C	C				
5	40	55	45	48	E	S E	Cy	Cy	-	3	5	Light showers this evening
6	48	48	44	45 5/6	E	E	Cy	Cy	-	2	.	Rain
7	41	43	40	40 4/6	N E	N E	Cy	Cy	-	8	2	Rain
8	37	48	35	38 1/6	N	N W	Cy	Cy	-	1	3	Rain
9	26	36	27	23 5/6	N W	W	Cy	Cy				High winds
10	27	43	29	32	S E	N W	Cy	Cy	-	.	1	Snow & high winds during the night
11	21	35	23	17 5/6	N W	N W	Cy	Cy				
12	30	57	28	34 1/6	S W	N W	C	Cy				High winds
13	17	37	26	27 3/6	N E	N W	Cy	C				
14	22	50	35	37 2/6	N	N W	C.	Cy				
15	32	39	31	33	N E	N E	Cy	Cy				High winds
16	28	36	27	30 4/6	N E	N E	Cy	Cy	-	1	-	High winds & Lightning this evening hail & rain

17	30	42	32	34⅔	N E	N W	Cy	Cy	-	-	2	High winds with Rain
18	29	37	32	31⅔	N E	N W	Cy	Cy	-	-	1	High winds & snow
19	24	39	28	30⅓	N	N	C	Cy				
20	20	46	34	36⅔	N	N W	C	C				Mathew Jordan appd Hospl Steward.
21	38	70	52	53⅓	S W	S W	C	C				High winds
22	37	46	34	37⅔	N E	N E	C	Cy				Hail in the afternoon, Lightg
23	30	38	32	33⅓	E	N E	Cy	Cy	-	-	2	Light showers of Hail. Rain Thr & Lightg
24	32	36	35	34⅓	N E	N E	Cy	Cy				High winds
25	34	44	40	40	— E	— E	Cy	Cy	-	4	5	Rain
26	38	53	40	44⅔	N W	N W	Cy	C	-	-	1	Rain
27	43	52	40	44⅔	N E	N E	Cy	Cy		6	1	Rain. Thr & Lightning at night
28	33	41	31	35⅓	— E	— W	Cy	Cy		2	5	Rain with high winds
29	29	55	34	38⅓	N	N	Cy	Cy				Light snow
30	34	64	50	57⅓	S E	S	Cy	C				
Mean				30⅔					2	9	8	

N. 5
N.E. 12
E. 5
S.E. 1
S. 0
S.W. 2
W. 0
N.W. 3

Diary of the Weather at Fort Winnebago (W. T.) for the Month of May 1838.

Dates	Thermometer			Mean	Winds		Weather		Rain			Remarks
	am	pm	Evening		A. M	P. M.	A. M.	P. M.	In.	Ths	Hus	
1	46	49	46	46⅔	E	S. E	Cy	Cy	-	1	6	Rain
2	44	46	40	43⅓	N.	— E	Cy	Cy				
3	38	60	43	47⅓	N. E.	— N	Cy	C				
4	42	58	46	47⅔	East	North East	Cy	Cy	-	-	2	Rain
5	36	54	38	41⅔	North	North	C	C				High winds during the night,
6	30	42	34	35⅓	North	North	Cy	Cy				Light snow this morning. Frost at night
7	31	43	35	35⅓	North	North	Cy	Cy				
8	28	50	37	38⅓	North	North	Clear	Clear				
9	30	46	36	36⅓	North	North	Cloudy	Cloudy				Light snow this morning Frost at night
10	36	52	40	42⅔	North	North East	Clear	Clear				
11	33	66	47	50⅓	East	North West	Clear	Clear				
12	46	73	53	57	N. West	West	Clear	Clear				
13	44	76	54	58⅓	East	South	Clear	Clear				
14	46	76	55	61⅔	S. East	North	Cloudy	Clear				
15	56	72	69	67⅔	South	South	Cloudy	Cloudy			2	Rain. Lightning at night
16	64	86	56	65	N. West	North West	Cloudy	Cloudy				
17	42	58	42	48⅓	North	North	Cloudy	Cloudy			8	Rain

18	33	66	59	52⅔	N. West	North West	Clear	Clear				
19	51	75	68	64⅔	West	West	Clear	Clear				High Winds Lightning
20	40	78	57	62⅔	West	West	Clear	Cloudy		3	-	Rain, and Lightning
21	43	62	46	48⅔	N. West	North West	Cloudy	Cloudy	-	-	1	Rain, High wind this Afternoon
22	32	52	36	39⅔	N. West	North West	Cloudy	Clear				Light Snow this morning
23	31	54	43	42⅔	North	North East	Clear	Clear				Light Frost
24	38	58	43	46⅓	North East	North	Cloudy	Cloudy				
25	37	73	53	55⅔	North	West	Clear	Clear				Slight wind
26	44	76	53	57⅔	S. West	West	Cloudy	Clear	-	-	4	High winds Rain
27	44	52	42	44⅔	N. West	North West	Cloudy	Cloudy				Capt. Forsyth Arrived & Round
28	37	53	46	44⅔	N. West	North	Cloudy	Clear				
29	32	65	44	48⅓	S. East	South	Clear	Cloudy		1	8	Rain
30	41	59	46	48⅔	South East	North	Cloudy	Cloudy			1	Rain
31	42	65	45	50	North	North West	Cloudy	Cloudy				
Mean				48⅔					0	8	6	

N. 11
N.E. 2
E. 3
S.E. 3
S. 1
S.W. 1
W. 2
N.W. 7

Diary of the Weather at Fort Winnebago (Wis. Ter.) for the Month of June 1838.

Date	Thermometer				Wind		Weather		Rain	Remarks
	A.M.	P.M.	Even	Mean	A.M.	P.M.	A.M.	P.M.	I. Inches	
1	38	69	58	55⅔	North	North West	Clear	Clear		
2	40	80	59	61⅔	East	West	Clear	Clear		
3	53	87	58	64⅔	East	North West	Cloudy	Clear	- - 4	Rain
4	46	72	52	56⅔	North	North	Clear	Clear		
5	43	68	54	55⅔	North	~~North~~	Clear	Clear		
6	46	72	58	60⅔	North	East	Clear	Clear		
7	55	82	66	68⅔	North	North	Clear	Clear		
8	62	86	64	71	East	West	Cloudy	Cloudy	- 1 -	Rain Thunder and Lightning
9	64	88	70	73⅔	East	South West	Cloudy	Clear	- . 1	Rain, Thunder and Lightning
10	63	66	57	62⅔	East	South East	Clear	Cloudy	6 8	Rain Storm with Thr. Lightning
11	60	80	55	65⅔	East	North West	Cloudy	Clear		
12	58	68	56	62⅔	North	North East	Cloudy	Cloudy	1 9	Rain
13	55	78	63	65⅔	North	North	Clear	Cloudy		
14	60	80	62	67⅔	East	North West	Clear	Cloudy	1 4	Rain
15	59	84	62	67⅔	South West	North west	Clear	Clear		
16	54	88	66	70⅔	North East	South	Clear	Clear		
17	60	82	63	67⅔	N. East	North	Cl	Cloudy	7 5	Rain. Thr. & Light.

18	57	80	62	66⅓	N. West	South	Cloudy	Clear		1	6	Rain
19	58	84	68	70⅔	North	North West	Cloudy	Clear				Lightning
20	62	90	72	74⅔	N. East	South	Cloudy	Clear				
21	66	90	72	76	S. West	South West	Clear	Clear				
22	68	86	70	74⅔	S. East	South East	Clear	Cloudy				Lightning & Light Shower
23	62	80	64	68⅔	North	West	Clear	Clear				
24	57	77	54	62⅔	N. West	North west.	Cloudy	Cloudy				
25	50	80	60	63⅓	N. West	North	Clear	Clear				
26	56	70	60	62	N. East	East	Clear	Cloudy	—		1	Rain. High wind
27	62	88	65	71⅔	N. East	N. West	Cloudy	Clear				
28	62	90	74	75⅓	N. East	N. West	Cloudy	Clear				Th. & Lightning
29	64	90	64	71	N. East	South	Cloudy	Cloudy		3	2	Rain. Th. & Lightg
30	60	80	65	68	South	North West	Cloudy	Clear				
Mean			1	$66\frac{16}{30}$					2	4	0	

Diary of the Weather at Fort Winnebago, Wis. T. for the Month of July 1838.

Dates	Thermometer			Mean	Winds		Weather		Rain				Remarks
	A.M.	P.M.	Even.		A.M.	P.M.	A.M.	P.M.	In.	Tens.	Hds.		
1	58	82	62	67 2/6	N. E.	West	Cl.	Cldy					Light Shower at Noon Lightning at Night
2	60	92	71	74/6	N	South	Clear	Clear					
3	70	86	78	77	South	South	Cldy	Cldy	1	4	"		Rain - High Wind - Th. & Lightning
4	64	79	62	64/6	South	South West	Cldy	Cldy	-	-	4		
5	60	86	66	71 3/6	West	N. West	Clear	Clear					
6	64	90	70	75 2/6	North	West	Clear	Clear					
7	68	90	76	77 2/6	East	West	Clear	Clear					Co. D. left for ~~Gratiot~~
8	76	100	76	83	West	South West	Clear	Clear					Lightning
9	70	94	76	79 4/6	West	West	Clear	Clear					~~Lightning~~
10	68	84	62	69	West	S. West	Cldy	Clear			1		Th. & Lightning Rain
11	54	80	54	61 4/6	North	North West	Clear	Clear					
12	49	85	60	67 4/6	N. West	N. West	Clear	Clear					
13	64	88	68	73	West	West	Clear	Clear					
14	62	82	66	70 2/6	West	West	Clear	Clear					
15	64	104	86	87 2/6	S. West	West	Clear	Cldy					
16	80	76	69	72 2/6	East	S. East	Clear	Cldy	2	1	1		Light Rain Shower. Th. & Lightning Wisconsin Rain on flow

17	66	91	69	75 4/6	East	South	Cldy	Cldy		6	7	Rain. Thr. & Lightning
18	68	91	76	79	East	South West	Clear	Clear				Lightning at night
19	72	86	72	76	West	West	Clear	Clear	–	1	–	Rain – Thr. and Lightning
20	68	70	64	67 4/6	N. West	North	Cldy	Fair				
21	58	70	56	60	N. West	N. East	Cldy	Cldy				
22	50	74	62	63 4/6	N. East	East	Fair	Fair				
23	60	92	66	72 4/6	S. East	South West	Fair	Fair				
24	60	82	68	70 4/6	North	South West	Fair	Fair				
25	64	90	74	77	East	South	Cldy	Cldy		2	6	Rain & Lightning at night
26	70	96	70	78 4/6	West	West	Cldy	Fair		1	–	Rain. Thr. & Lightning
27	70	98	78	81 4/6	South	South West	Cldy	Fair	1	6	5	Rain. Thr. & Lightning
28	66	84	78	75 2/6	North	N. West	Cldy	Cldy	–	–	3	Rain. Lightning
29	72	84	68	72 4/6	West	North West	Cldy	Fair	1	2	0	Rain. Lightning
30	60	84	70	72 2/6	N. West	N. West	Fair	Fair				
31	66	76	60	65 4/6	West	North West	Fair	Fair				
									7	6	7	

Diary of the Weather at Fort Winnebago (Wis Terry) for the Month of August 1838.

Date	Thermometer			Mean	Winds		Weather		Rain			"Remarks"
	A.M.	P.M.	Evening		A.M.	P.M.	A.M.	P.M.	In	Tenths	Hours	
1	56	74	56	63	N. West	North	Cloudy	Cloudy	-	-	1	Rain
2	58	78	68	68⅔	North	North	Fair	Fair				
3	60	82	72	72⅔	South West	South West	Fair	Fair				
4	66	80	70	72⅔	South	South	Cloudy	Cloudy	-	6	1	Rain, Thunder and Lightning
5	68	92	76	78⅔	South West	West	Cloudy	Fair	.	4	5	Rain. A gale at night
6	66	86	67	71⅔	South	West	Cloudy	Fair				
7	57	79	65	67⅔	North	North	Fair	Fair				
8	63	67	60	62⅔	West	West	Cloudy	Cloudy	-	3	8	Rain
9	58	73	67	67⅔	East	North East	Cloudy	Cloudy	-	5	-	Rain. Lightning at night
10	68	98	68	77⅔	West	South West	Cloudy	Cloudy	-	1	2	Rain. Thunder & Lightning
11	64	74	60	66⅔	N. West	North	Cloudy	Fair				
12	56	75	64	64⅔	North West	North West	Fair	Fair	-	1	3	Rain
13	54	66	50	57	North East	North East	Cloudy	Fair				
14	58	74	57	61	N. East	North East	Fair	Cloudy		1	1	Rain
15	56	70	56	60⅔	N. East	North	Cloudy	Fair		8	-	Rain
16	58	77	62	65	North	North	Fair	Fair				

17	56	82	60	66%	North	North	Cloudy	Fair				
18	58	84	66	70%	N. West	N. West	Fair	Fair		2	5	Rain. Thunder & Lightning
19	65	86	72	72%	S. East	South	Cloudy	Fair				
20	68	90	72	78%	N. West	N. West	Fair	Fair				Thr & Lightning
21	66	92	71	76%	North	North East	Fair	Cloudy		4	–	Rain Thr and Lightning
22	68	87	67	75%	South East	West	Fair	Fair	–	1	–	Rain Thunder and Lightning
23	70	94	67	70	S. West	West	Cloudy	Cloudy	–	–	6	Rain Thunder & Lightning
24	64	90	58	74%	N. West	West	Cloudy	Fair	–	3		Rain. Thunder & Lightning hot [illegible] wind
25	66	82	64	69%	N. West	N. West	Cloudy	Fair				
26	60	82	72	72	N. East	South	Fair	Cloudy	–	9	5	Rain. Thunder & Lightning
27	64	70	58	62%	S. East	North	Cloudy	Fair				
28	53	78	61	65%	North	North	Fair	Fair				
29	64	80	60	65%	West	N. West	Cloudy	Fair				
30	51	70	56	60%	North	S. East	Cloudy	Fair		1	8	Rain
31	60	70	53	58%	West	N. West	Cloudy	Fair				
								In	5	3	5	

Diary of the Weather at Fort Winnebago (W. T.) for the Month of September 1838

Dates	Thermometer A.M.	Thermometer P.M.	Thermometer Evening	Mean	Winds A.M.	Winds P.M.	Weather A.M.	Weather P.M.	Rain Inches	Rain Tenths	Rain Hdths	Remarks
1	46	60	46	50⅔	North	North	Cloudy	Fair				Light frost in night
2	34	64	49	49	N. West	South	Fair	Fair				
3	47	74	58	60	South	South	Fair	Fair				
4	49	80	59	62⅔	S. W.	South west	Fair	Fair				
5	54	78	61	64⅓	South	South west	Fair	Fair				
6	54	81	52	62⅓	South	South west	Fair	Fair				
7	52	75	60	62⅓	S. West	West	Fair	Fair				
8	52	80	61	65	West	West	Fair	Fair				
9	56	84	62	67⅓	South	South West	Fair	Fair		1	6	Rain
10	56	68	52	58	N. West	South west	Cloudy	Cloudy		1	=	Rain
11	52	64	52	56	North	North	Cloudy	Fair				
12	40	68	52	54	North	South West	Fair	Fair				
13	44	72	56	58⅓	West	South West	Cloudy	Fair				
14	52	76	57	60⅔	West	North	Fair	Fair				
15	44	72	52	56⅓	South	East	Fair	Fair				
16	46	76	58	62	N. West	South West	Fair	Fair				

17	58	78	63	66⅓	South	South West	Fair	Fair				
18	58	64	50	57⅓	North	North West	Cloudy	Fair				Eclipse on the Sun visible
19	46	70	52	56⅔	North	North	Fair	Fair				
20	48	76	52	58⅔	North	North	Fair	Fair				
21	48	44	40	42⅔	North	North	Cloudy	Cloudy	1	2	5	Rain.
22	38	36	36	36	North	North	Cloudy	Cloudy		8	1	Rain & Sleet
23	34	54	44	45	North	North West	Fair	Fair				
24	40	64	56	53⅓	North	South West	Fair	Fair				
25	58	74	58	63⅓	North	West	Fair	Fair				
26	52	72	54	59⅓	S. East	East	Cloudy	Cloudy	-	-	2	Rain
27	50	60	52	54	East	South East	Fair	Cloudy	-	3	-	Rain
28	44	64	44	50⅔	S. West	South West	Cloudy	Fair				
29	42	65	64	57	West	North	Cloudy	Fair				
30th.	46	64	47	52	North	North East	Cloudy	Fair				

Diary of the Weather at Fort Winnebago (Wis. Ter.) for the Month of October 1838

Dates	Thermometer			Mean	Winds		Weather		Rain			Remarks
	S.R.	3 P.M.	Evng		A.M.	P.M.	A.M.	P.M.	In	Ten	Hs	
1	44	74	58	40⅔	East	North East	C	F				
2	56	68	57	57	N. East	North	C	F				
3	48	68	46	53 7/12	North	North West	C	F				
4	44	70	54	56⅔	N. West	North west	F	F				
5	48	74	61	42⅔	West	North west	F	F				
6	58	68	36	49	N. West	North west	F	F				~~Frost at night~~
7	28	54	39		North	South west	F	F				Frost last night. First
8	42	38	38		South	North West	C	C				killing frost.
9	34	50	44		North West	North	F	C				
10	34	54	38		North	South East	F	F				
11	40	44	30		S. East	South East	C	C				
12	30	50	34		North	North	C	F				Frost last night
13	38	42	40		N. East	South	C	C	-	-	8	Rain
14	29	46	34		N. West	North west	C	C				High wind and Frost last night
15	32	40	28		N. West	North west	C	C				Light Snow
16	24	38	23		N. West	North East	C	F				Frost last night

17	24	38	34		North	North	F	C	–	4	–		Frost & Rain – with a light Shower of Snow
18	36	40	34		N East	North East	C	C	1	–	—		Rain
19	32	41	32		North	North West	C	C			1		Rain
20	30	41	32		N West	N West	C	C					Frost last night
21	32	44	27		N West	N West	C	F					
22	28	38	28		North	North	F	F					
23	24	40	29		North	North	C	F.					
24	32	42	31		N West	N West	C	C					Snow storm with hail
25	32				North		C						
26													
27													
28													
29													
30													
31st													

May 13. Genl Brady arrived & Major Larned paid the Troops on the 14th.

Garden Register for 1837 at Fort Winnebago

1837	
April 7	Tomato & Pepper seed planted in a box.
" 16	" " up
23	Planted a bed of Onions & Lettuce
29	" Onions & Spinage & Beets
May 3d	" Carrots Parsnips Tomato Dill Fennel & peppers
" 4th	cabbage
5	Peas & Beans
1838	
May 3	Potato planted
" 4	Mustard " "
1840	
April 13	Planted Lettuce & onion & Beet

C ll
C ll

1838 Date				
April	14		The White Cow Calved Nov. 10th 1838	Tomatoes seed sowed this day in a box
	23		" " " Came in season January 6th 1839.	Pepper seed sowed this day in a box
May	1			Sowed onion & celery seed in the garden this day
	7			Sowed Carrot Parsnip Tomatoes Pepper Beans Radish Mustard & Beet seed this day
	12			Potatoes planted
	15			Cucumbers planted
	18			Watermelon seed sowed this day Corn beans Squash peas &c planted this day
	21			Peppers transplanted, Planted potatoes Beans Pumpkins & Sowed a variety seed in the other garden
	30			All Middle of Barn filled

Martin VanBuren
President of the United States

J. R. Poinsett
Secretary of War

April 7th Tomatoe & Pepper seeds —
planted in a box

Observations by the Thermometer will be made every morning when it shows the lowest degree, every afternoon when it shows the highest degree, and every evening an hour after sunset.

The lowest degree generally occurs between the commencement of day ligh and sunrise; and the highest degree ~~under~~ between two and four o'clock in the afternoon; at which time these observations will be made.

Observations — by the Teremometer will be made every morning when it shews the lowest degree every Afternoon Wen it shows the highest degree — And every evening And hour After Sunset —

The lowest degree generally Ocurs between the Commencement of day light And Sunrise And the highest degree between two and four Oclock in the Afternoon At which time these observations will be made —

William Bullard Stearns
J. [illegible]

12th March - The big yellow hen laid - one egg -

FORT WINNEBAGO DIARY OF THE WEATHER

U. S. ARMY: HOSPITAL DEPARTMENT.

Sept. 1836 - June 1842.

DIARY OF THE WEATHER
HOSPITAL DEPT
U. S. ARMY

Wis
Mss
4CL

Lat. Fort Winnebago 43$\frac{3}{4}$ N

Lon " " 12 W

Height of Parade Ground above Fox River 30 ft

WIS
MSS
4CL

1836 – 1842

— 7

58 Pieces @ 242.
½ of 2.42½
239.57½
. 27 at 27 cts

232.18
1.66
~~233.84~~ —
232 – 84
57
27

55
60
27,00

160
30

485
240

38 60

4.85
20 Pieces
19.40
97 –
291 00

485
40
194,00
38.10 —
232.80

485
50
24 250
239 84
2.66
42½
23 ½

233.84
232.80
1 04

2.42½

152
112
56
59
2
373
62½

148
120
59
50
377
62½

with the exception of the year 1841. The Thermometer has been below zero during the Month of Decemr. from the year 1834 up to the present time,

The Thermometer has not been below Zero during the ~~month of Decr~~ present month, a circumstance which has not occurred at this post (~~since~~ ~~the Dec. of 1834~~ with the exception of the Dec 41 —) since Decr. of 1834 —

DIARY OF THE WEATHER at Fort Winnebago

for the Quarter ending the 30th *day of* September 1836

Latitude 43¾ N. Longitude 12 W.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
July	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	59	89	62	70 1/6	N.E.	W.	Cl	Cl		Frequent Showers with thunder
2d	60	67	62	63	N.E.	N.W.	Cl	Cy		
3d	60	83	59	50 1/6	N.E.	W.	Cy	Cy		3d Rain this afternoon.
4th	57	70	58	60 4/6	N.W.	N.W.	C.	C.		4th High winds.
5th	51	78	68	68 2/6	W.	S.W.	C.	C.		
6th	67	76	69	70 4/6	W.	S.W.	C.	C.		
7th	68	87	74	73 4/6	W.	S.W.	C	C.		7th High wind.
8th	72	78	69	70 3/6	S.E.	W.	C.	C		8th Rain in the night.
9th	58	71	56	60 4/6	E.	N.E.	Cy.	C.		
10th	52	78	63	65 5/6	N.W.	S.W.	C.	C.		
11th	58	74	68	68 1/6	S.E.	E.	C.	Cy.		11th Rain this afternoon
12th	67	74	60	64 3/6	S.W.	W.	Cy.	C.		12. Rain this morning
13th	52	80	60	64 4/6	N.	N.E.	C.	C.		
14th	53	79	60	64 2/6	N.E.	E.	Cy.	C		14th Rain this morning
15th	56	78	59	63 2/6	N.E.	E.	Cy	Cy		
16th	50	81	62	65	S.	E.	C.	C.		
17th	50	83	64	65 3/6	S.E.	S.E.	C.	C.		
18th	51	87	71	72 4/6	S.E.	W.	C.	C.		
19th	66	90	72	76 1/6	S.E.	W.	C.	C.		
20th	67	86	65	72 1/6	S.	N.W.	C.	C.		20th Rain Thunder & lightning
21st	64	81	71	71 3/6	E.	N.E.	Cy.	C.		21st Rain in the night & in the morning.
22d	63	85	72	74 1/6	N.E.	N.	C.	C.		
23d	68	77	64	68 1/6	N.W.	N.W.	Cy.	Cy		
24th	59	71	58	61 4/6	N.E.	E.	Cy	C.		
25th	52	70	60	61	E.	N.E.	C.	Cy		25th Dragoons arrived this [illegible]
26th	54	83	66	68 3/6	S.E.	S.W.	Cy	C.		26th Heavy rain this morning
27th	58	70	64	63 5/6	S.W.	S.W.	Cy	Cy		27th Rain A.M. & P.M.
28th	57	83	61	67 3/6	E.	W.	Cy.	C.		
29th	60	71	60	63	N.E.	N.W.	Cy.	C.		29th Dragoons left to day
30th	56	80	67	68 4/6	N.W.	N.W.	C.	C.		
31st	62	76	61	65	W.	N.W.	C.	Cy		31st Rain A.M.
Mean.				66 13/31						

NOTE.—For directions, see Regulations for the Medical Department—Form 3.

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
August	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	54	70	66	62	E.	E.	Cy	Cy	0.0.1	1st Wita rice in Blossom Rain
2d	46	69	60	60 2/6	N.E.	W.	C.	Cy		
3d	59	71	59	62 1/6	N.E.	N.	Cy	C		
4th	54	71	52	57 5/6	N.E.	N.E.	Cy	Cy		4th Rain A.M.
5th	46	76	60	62 5/6	N.	S.E.	C.	C.		
6th	59	74	64	65 5/6	W.	N.W.	Cy	Cy		
7th	60	88	69	73 5/6	N.W.	W.	Cy	Cy		
8th	66	81	60	67	S.E.	E.	C.	C		8th Ther at 90 & before 12 Ocl A.M. Light showers
9th	54	62	58	58	E.	E.	Cy	Cy	0.0.5	Rain.
10th	54	68	58	57 5/6	E.	E.	Cy	Cy		
11th	52	74	62	63	N.E.	N.E.	C	C.		
12th	54	65	63	61 2/6	S.E.	S.W.	Cy.	Cy	0.0.4	
13th	61.	80.	70.	67 5/6	N.E.	N.W.	Cy	C.		
14th	58.	64.	54	57.	E.	E.	Cy	Cy		
15th	48	68	50	57 3/6	N.	N.	C.	C.		
16th	60	80	64	68 2/6	E.	E.	C.	Cy		
17th	64	70	64	64	S.	S.W.	Cy	Cy	0.0.6.	17th Rain.
18th	62	75	61	63 2/6	N.	N.	Cy	C.		
19th	46	60	58	53 4/6	N.	N.	C.	C.		
20th	40	66	59	57	W.	S.W.	C.	C		20 Frost last night.
21st	48	62	50	51 3/6	N.W.	N.W.	C.	C.		
22d	39	68	51	52 3/6	N.W.	S.W.	C	Cy		
23d	40	74	53	57	S.E.	S.	C	Cy		
24th	48	69	55	58 1/6	N.W.	W.	Cy	C.		
25th	53	83	65	67 1/6	E.	W.	Cy	C.		
26th	54	83	64	67 2/6	N.W.	S.E.	C.	C.		
27th	56	81	58	64 5/6	S.E.	W.	C.	C.		
28th	54	81	64	65 5/6	W.	W.	C.	C.		
29th	51	68	48	54	N.W.	N.	C.	C.		
30th	41	79	59	61 3/6	N.	W.	C.	C		
31st	54	71	56	58 5/6	N.W.	W.	Cy	C		31st High wind
Mean.				64 20/31					0.1.0	

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
September	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	42	61	46	49 7/10	N.W.	W.	C.	C.		
2d	43	64	49	52 2/10	N.	W.	C.	Cy.		
3d	46	75	56	59 2/10	S.W.	N.	C.	C.		
4th	45	60	45	53 1/6	N.	N.	C.	Cy.	0.0.1	Rain A.M.
5th	39	62	43	48 1/6	E.	S.	Cy.	C.		
6th	40	66	51	53	S.	S.	C.	C.		
7th	46	71	68	65 1/6	S.W.	S.W.	C.	Cy.	0.5.0	7th Rain – High wind – Thunder & lightning —
8th	57	66	44	52 4/10	N.E.	N.E.	Cy.	Cy.		
9th	39	50	43	43 2/10	N.	N.	Cy.	Cy.	0.5.0	9th Rain.
10th	38	52	43	45 3/10	N.W.	N.W.	Cy.	C.		
11th	44	68	58	57 2/10	S.W.	S.	Cy.	Cy.	0.3.0	11th Rain
12th	62	58	51	53 7/10	S.W.	N.W.	Cy.	Cy.	0.5.0	12 Rain.
13th	41	70	51	54 2/10	N.	W.	C.	C.		
14th	44	72	53	58 2/10	W.	N.E.	C.	C.	0.6.0	14th Rain in the night.
15th	56	75	65	66	E.	E.	Cy.	Cy.		
16th	60	75	64	64 4/10	E.	W.	Cy.	Cy.	0.0.2	16th Rain
17th	55	72	68	66 7/10	S.W.	S.W.	C.	Cy.		
18th	64	81	64	67 1/6	S.W.	N.	Cy.	Cy.	1.0.0	18th Rain with thunder & lightning.
19th	47	57	40	46 1/3	N.W.	W.	C.	C.		
20th	36	65	48	52	N.	N.W.	C.	C.		
21st	50	70	63	63 1/2	N.W.	S.	Cy.	Cy.	0.2.0	21st Rain.
22d	63	73	65	64 2/10	S.	W.	Cy.	Cy.	0.1.0	22d Rain.
23d	57	75	66	65 7/10	N.W.	S.W.	Cy.	Cy.	0.8.0	23d Rain
24th	54	64	43	51	N.	N.W.	Cy.	C.		
25th	35	60	41	46	S.	N.	C.	C.		25th Frost last night.
26th	36	61	48	49 7/10	N.	W.	C.	Cy.		
27th	45	63	40	47	N.W.	W.	Cy.	Cy.		
28th	31	45	40	38	S.W.	N.	Cy.	Cy.		
29th	27	48	42	41 2/10	N.E.	N.W.	C.	C.		Heavy Frost last night
30th	42	62	47	50 4/10	S.	N.E.	C.	C.		
31st										
Mean.				54 18/31					4.5.3	

ABSTRACT FOR THE QUARTER.

MONTHS.	THERMOMETER.			Hottest Day.	Coldest Day.	WINDS.									WEATHER.					RAIN.
	Highest Degree.	Lowest Degree.	Mean Temperature.			N.	N. W.	N. E.	E.	S. E.	S.	S. W.	W.	Prevailing.	Fair.	Cloudy.	Rain.	Snow.	Prevailing.	Inches.
						Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.		Days.	Days.	Days.	Days.		
July.	90	50	$66\frac{11}{31}$	19th	3d	2	4	8	4	6	2	2	3	N. E.	19	12	13	-	Fair	
August.	88	39	$64\frac{20}{31}$	7th	22d	5	7	5	6	4	1	.	3	N. W.	16	15	5		Fair	01.6.
September.	81	31	$54\frac{14}{31}$	18th	28th	7	6	2	3		3	7	2	N. S.W.	15	15	11		Equal	4.53

L. Foot Surgeon. U.S.A.

DIARY OF THE WEATHER at Fort Winnebago

for the Quarter ending the 31st day of December 1836.

Latitude 43⅓ N. Longitude 12 W.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
October	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	42	47	41	42⅔	NW	NE	Cl	Cl	0.6.0	
2d	35	48	43	43	NW	N	Cl	C.		
3d	35	31	30	32⅓	E.	NE	Cl	Cl	0.1.0	
4th	28	43	31	35⅔	NE	NE	C.	Cl		
5th	23	46	40	38⅔	SE	SW	Cl.	C.		
6th	37	54	46	44⅓	SW	N	Cl	Cl		
7th	30	43	36	33⅔	NW	N	C.	Cl		
8th	29	56	43	43⅔	NE	E	C.	Cl		Frost last night
9th	35	46	35	36⅔	NE	NE	Cl	Cl		
10th	29	50	34	36⅔	N	NE	C.	Cl		
11th	26	55	41	42⅔	SE	W	C	C		
12th	35	44	33	38⅔	NE	SW	Cl	C	0.1.0	
13th	40	46	35	39⅔	NW	N	Cl	Cl		
14th	35	45	32	35⅔	NW	W	Cl	Cl		
15th	26	45	35	37	NW	NW	Cl	C		
16th	30	35	22	27⅔	SW	W	Cl	Cl	0.0.7	Rain & Snow—High winds
17th	26	40	27	30⅓	NW	NW	Cl	Cl	— —	Paquette killed last night
18th	24	34	27	28⅓	NE	NE	Cl	Cl		Light Snow
19th	26	28	20	22⅔	NW	NW	Cl	Cl		
20th	15	29	22	22	W	W	Cl	Cl		
21st	15	34	28	27⅔	NW	W	Cl	C		Indian Summer coming
22d	28	48	46	44	NW	S.	Cl	Cl	0.1.0	
23d	48	57	42	43⅔	S.	W	Cl	C		
24th	35	36	27	31⅔	NE	NE	Cl	Cl		
25th	28	42	33	34⅓	NE	E	Cl	C		
26th	30	45	43	41⅓	N	NW	Cl.	C		
27th	41	46	40	42⅓	N	NE	Cl	Cl		
28th	40	48	35	39	NW	N	C	C		
29th	28	48	28	34⅔	N	NW	Cl	C		White Frost
30th	21	44	29	31⅓	E.	SE	C	C		White Frost
31st	26	47	35	36	S.	S.	C	C		
Mean.				36 14/31					0.9.7	

NOTE.—For directions, see Regulations for the Medical Department—Form 3.

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
November	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	31	52	42	41⅔	S	W	C	C		White Frost
2d	36	41	25	31	NE	N	C	C		Frost
3d	18	37	24	26⅓	E	W	C	C		
4th	19	43	30	32⅓	E	W	C	C		
5th	32	42	36	36⅔	NE	NW	C	C		
6th	33	41	35	36⅓	E	NE	Cl	Cl		
7th	34	44	28	35	N	SE	Cl	Cl		
8th	32	50	42	41⅓	SE	S	Cl	C		
9th	38	43	44	41⅔	S	SW	Cl	Cl	0.5.0	Rain during the day & Night
10th	45	52	46	46⅔	SE	SE	Cl	Cl	0.3.0	
11th	30	40	33	34⅓	N	N	Cl	Cl		
12th	24	42	30	31⅓	NW	W	C	C		
13th	22	39	36	32⅓	NE	N	C	C		
14th	32	44	37	36⅔	S	S	Cl	Cl	0.0.8	
15th	27	34	26	28⅔	W	NW	C	Cl		
16th	25	32	29	29⅓	NW	NW	Cl	Cl		
17th	30	46	26	32⅔	NW	W	Cl	Cl		
18th	26	48	30	34⅔	E	S	C	C		
19th	31	41	38	37⅓	NE	E	Cl	Cl		
20th	34	36	31	36	NE	NE	Cl	Cl	0.4.0	
21st	30	31	30	29⅔	N	NW	Cl	Cl		
22d	26	27	26	26⅓	N	NW	Cl	Cl		High Wind
23d	24	34	25	26⅓	NW	NW	Cl	Cl		
24th	17	20	14	15⅓	NW	NW	Cl	Cl		
25th	6	18	13	12⅔	NW	NW	C	Cl		River frozen over
26th	6	24	19	17⅓	NW	NW	C	Cl		
27th	13	32	26	24⅓	NW	N	C	Cl		
28th	19	27	26	27⅓	NW	W	C	Cl		
29th	26	39	32	32	NW	S	C	C		
30th	30	34	18	23⅔	NW	N	C	Cl		
31st										
Mean.				30⅔					1.2.8	

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
December	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	6	18	15	13 4/6	N	W	C	C		
2d	10	30	32	27 4/6	S	N	C	C		
3d	32	34	30	31 4/6	S	S	C	C		
4th	30	36	30	30 4/6	S	S	C	C		
5th	20	18	6	11 2/6	NW	NW	C	C		
6th	0	20	16	8 4/6	NW	NW	C	C		
7th	16	40	34	32 1/6	NW	NW	C	C		
8th	29	43	41	36	S	S	C	C	0.0.7.	
9th	39	28	29	32 4/6	SE	N	Cl	Cl	0.3.0	
10th	23	36	33	31 4/6	NW	S	Cl	Cl		
11th	29	34	28	28 2/6	W	NW	C	Cl		
12th	17	30	27	25 4/6	W	E	C	Cl	0.5.0	Snow,
13th	24	27	19	19 4/6	NE	NE	Cl	Cl		
14th	4	24	3	4 4/6	NW	N	C	Cl		
15th	-4	14	6	8 5/6	NW	NE	C	C		
16th	13	20	16	15 1/6	NE	N	Cl	Cl		
17th	8	20	16	14 4/6	N	N	Cl	Cl		
18th	8	4	10	12 2/6	W	S	Cl	C		
19th	17	25	30	26 2/6	S	S	Cl	Cl	0.2.0	Sleet
20th	32	17	-4	11	NE	N	Cl	Cl	0.7.0	Snow
21st	-17	-11	-16	-15 1/2	NW	N	C	C		
22d	-8	13	18	14 4/6	E	S	Cl	Cl		
23d	25	14	3	10 4/6	W	NW	Cl	C		
24th	3	21	20	14 4/6	NE	NE	Cl	Cl		
25th	-2	-5	-11	-9 2/6	N	NW	C	C		
26th	-22	-2	-3	-6 5/6	NW	SE	C	Cl		
27th	-14	10	10	7 4/6	W	E	C	C		
28th	6	28	18	19 4/6	SE	S	C	C		
29th	18	30	19	20	N	NE	Cl	Cl		
30th	4	23	18	17 1/6	E	SW	C	C		
31st	13	29	32	24 4/6	SW	SE	C	C		
Mean.				18					1.7.7	

ABSTRACT FOR THE QUARTER.

MONTHS.	THERMOMETER.			Hottest Day.	Coldest Day.	WINDS.									WEATHER.					RAIN.
	Highest Degree.	Lowest Degree.	Mean Temperature.			N.	N. W.	N. E.	E.	S. E.	S.	S. W.	W.	Prevailing.	Fair.	Cloudy.	Rain.	Snow.	Prevailing.	Inches.
						Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.		Days.	Days.	Days.	Days.		
October	64	15	36 11/31	12th	20th	4½	8	6½	2	2	2	2½	3½	NW	10	20	5	3	Cloudy	0.97
November	52	6	30 19/30	10th	25th	4½	10	3	2½	2½	4	1	2½	NW	11½	18½	4	1	Cloudy	1.28
December	43	-22	18	8th	21st	5	7	3½	2	2½	1½	1	3½	NW	11	13	2	2	Fair	1.77

L. Foot **Surgeon.** U.S.A.

DIARY OF THE WEATHER at Fort Winnebago

for the Quarter ending the 31 day of March 1837.

Latitude 43¾ N Longitude 12 W

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
January	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	10	11	3	6⅔	NE	NE	C	C		
2d	6	4	5	4⅔	N	N	C	C		High Wind
3d	-7	2	6	3⅔	NW	NW	C	Cl.		
4th	6	14	14	12⅔	NW	NW	C	Cl		
5th	12	22	21	19⅔	NW	N	Cl	Cl		
6th	18	23	11	15⅔	N	N	Cl	Cl		
7th	2	19	13	14	SE	S.	C	C		
8th	18	33	24	26	E	S	Cl	Cl		
9th	24	30	22	26⅓	E	NE	Cl	Cl	0.4.0	Snow
10th	19	28	20	18⅔	NE	N	Sl	Cl		
11th	14	14	10	11⅔	SW	SW	Cl	Cl	0.0.2	Snow
12th	7	21	16	16⅔	NW	NW	Cl	Cl		
13th	16	26	16	18⅔	N	N	Cl	Cl		
14th	13	18	2	9⅔	N	N	Cl	Cl		
15th	5	18	13	11⅔	S	SW	Cl	Cl		
16th	4	20	6	11	W	N	C	C		
17th	10	33	23	23⅔	N	SE	Cl	Cl		
18th	20	34	26	27⅔	NW	E	Cl	Cl	0.0.2	Snow
19th	25	30	26	26⅔	N	N	Cl	Cl		
20th	24	29	24	25⅔	NE	N	Cl	Cl		
21st	22	26	21	22⅔	NW	N	Cl	C		
22d	17	26	21	22⅔	N	SW	Cl	Cl		
23d	23	24	15	20⅔	NW	N	Cl	Cl		
24th	14	19	6	10⅔	N	NW	Cl	C		
25th	-2	24	17	13⅔	SE	SE	Cl	Cl		
26th	10	20	11	15	NW	NW	Cl	Cl		Snow during the night
27th	18	24	20	18⅔	S.	NW	Cl	Cl	0.0.1	
28th	7	25	20	17	E	S	C	C		
29th	5	30	16	16⅔	NW	NW	C.	C.		
30th	2	29	19	20⅔	E	S	C.	C.		Snow.
31st	23	32			SE	S	Cl	Cl		
Mean.				15⅓					0.4.5	

NOTE.—For directions, see Regulations for the Medical Department—Form 3.

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
February	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	6	7	2	2⅓	N.	NE.	Cl	C		
2d	18	8	3	5	NW.	S.	C	C		
3d	14	28	18	22	S.	NE.	C	C		
4th	26	36	30	30⅔	NE.	NE.	Cl	Cl		
5th	27	35	27	29⅔	N.	NE.	Cl	Cl		
6th	26	36	36	33	E.	NE.	C	Cl	0.70	Rain & Hail.
7th	24	30	24	26	NE.	N.	Cl	Cl	0.10	Snow.
8th	18	30	21	23	N.	N.	Cl	Cl		
9th	16	24	22	20⅔	N.	N.	Cl	Cl		
10th	11	23	16	15⅔	N.	W.	Cl	C		
11th	0	23	23	15⅓	NE.	NW.	C	C		
12th	4	3	6	3⅔	NW.	NW.	C	C		
13th	17	14	16	15⅔	E.	S.	C	C		Light Snow in the night
14th	27	31	32	33	S.	W.	Cl	C		
15th	31	34	26	25⅔	NE.	NE.	Cl	Cl		Sleet
16th	4	17	6	8⅔	NE.	NE.	C	C		
17th	6	8	2	4⅔	N.	N.	C	C		
18th	6	27	24	22⅓	W.	W.	C	C		
19th	26	42	29	32⅓	S.	S.	Cl	Cl	0.05	Snow
20th	17	35	22	27	N.	N.	Cl	C		Mist on the Portage.
21st	15	36	28	18⅔	NE.	S.	C	Cl		Mist
22d	26	38	32	32⅔	NE.	E.	Cl	C		
23d	28	33	23	26⅔	NE.	N.	Cl	Cl	0.05	Snow.
24th	12	27	20	19⅔	NW.	NW.	C	C		
25th	14	36	20	24	NW.	W.	C	C		
26th	18	45	28	27⅔	NE.	W.	Cl	Cl		
27th	3	16	1	6⅔	NW.	NW.	C	C		
28th	3	23	8	11⅓	E.	E.	Cl	Cl	0.01	Light Snow.
29th										
30th										
31st										
Mean.										

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
March	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	2	23	2	8⅔	N.	N.W.	C	C		
2d	3	22	5	9⅓	S.	N.W.	C	C		
3d	1	26	10	14⅔	N.W.	S.W.	C	C		
4th	16	28	13	16⅔	S.W.	N.W.	Cl	Cl		
5th	3	22	22	18⅔	S.	S.	C	Cl	0.05	Snow
6th	20	40	32	32⅔	S.E.	S.E.	Cl	C	0.06	Sleet
7th	31	37	33	30⅔	S.	N.	Cl	Cl	0.06	Rain
8th	14	18	11	12⅔	N.	N.W.	Cl	C		
9th	5	17	8	9⅓	N.W.	N.W.	Cl	C		
10th	2	23	14	14⅔	W.	S.W.	Cl	C		
11th	15	35	28	28	N.E.	N.E.	Cl	Cl	0.01	Light Snow
12th	25	31	24	31⅓	N.W.	N.W.	Cl	Cl		
13th	15	26	16	17	N.	N.W.	Cl	C		
14th	5	16	8	8⅔	N.E.	N.	C	C		
15th	0	22	11	12⅔	N.W.	S.	C	C		
16th	11	42	32	32⅔	S.E.	S.W.	C	C		
17th	36	31	27	26	S.	S.W.	Cl	Cl	0.30	Sleet & High winds
18th	0	17	9	8⅔	N.W.	N.W.	C	C		
19th	6	31	30	24⅓	E.	S.E.	Cl	C		
20th	15	49	33	33⅔	E.	N.	C	C		Mist over the Potomac
21st	30	37	30	31⅓	N.E.	N.E.	Cl	C		
22d	24	40	26	30⅔	N.E.	E.	Cl	C		
23d	27	47	28	34⅓	S.E.	E.	Cl	C		
24th	26	46	34	35⅓	E.	E.	Cl	C		Wild Geese seen to day
25th	26	29	17	22⅔	N.	N.	Cl	C		Wild Ducks seen to day
26th	18	43	32	33⅔	N.W.	N.W.	C	Cl		
27th	32	50	37	37⅔	S.W.	W.	Cl	Cl		
28th	19	26	16	19⅔	N.	N.W.	Cl	C		High winds
29th	14	34	25	26⅓	N.	N.W.	C	C	0.03	Rain – Wild pigeons app
30th	27	49	30	35⅓	E.	E.	Cl	Cl	0.02	Snow
31st	28	41	21	28	N.	N.W.	Cl	Cl	0.50	Rain & High winds
Mean.										

ABSTRACT FOR THE QUARTER.

MONTHS.	THERMOMETER.			Hottest Day.	Coldest Day.	WINDS.									WEATHER.					RAIN.
	Highest Degree.	Lowest Degree.	Mean Temperature.			N.	N. E.	E.	S. E.	S.	S. W.	W.	N. W.	Prevailing.	Fair.	Cloudy.	Rain.	Snow.	Prevailing.	Inches.
						Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.		Days.	Days.	Days.	Days.		
January	34	-7	19 9/31	11th	2nd	9½	8	2½	2½	2½	3½	2	½	North	9½	21½		5	Cloudy	0.4.8
February	45	-18	21 4/31	14th	12th	6½	4	5½	2½	1½	3½	2	2½	North	14	14	1	4	Equal	0.9.1
March	50	-3	23 23/31	27th	4th	5½	7½	3	4	2½	3	4½	1	N West	16½	14½	1	7	Fair	0.2.3

1 6 4

L. Foot **Surgeon**, U. S. A.

DIARY OF THE WEATHER at Fort Winnebago

for the Quarter ending the 30th *day of* June 1837.

Latitude 43¾ N. Longitude 12. W.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
April	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	16	40	27	30⅔	N.E.	N.E.	C	C	0.0.1	Snow
2d	28	41	31	30⅓	N.E.	N.E.	Cl	Cl		High wind
3d	10	21	18	11⅔	N.E.	N.E.	C	C		
4th	14	46	32	31⅓	C.	N.E.	C	C		
5th	24	50	32	36⅔	N.E.	N.E.	C	C		
6th	29	31	27	27⅔	N.	N.E.	Cl	Cl	0.6.0	Snow. Hail & Snow
7th	30	39	31	33⅓	N.E.	N.	Cl	Cl	0.6.0	in the night – High wind
8th	30	42	30	32⅔	N.	N.	Cl	Cl	0.3.0	Sleet & Snow
9th	20	41	30	27⅔	N.	N.	C	C		
10th	17	50	31	33⅓	N.E.	N.E.	C	C		Meadow Larks appear
11th	22	52	34	36	N.	N.E.	C	C		
12th	27	55	41	41	N.E.	N.E.	Cl	C		English Snipe appear
13th	44	53	40	45⅔	N.E.	N.E.	Cl	Cl		High wind
14th	27	50	43	41	N.	E.	C	C	0.3.0	Barn Swallows appear
15th	35	32	32	31	E.	N.E.	Cl	Cl	4	~~Rain~~ Snow
16th	26	42	32	34	N.	N.	Cl	Cl		
17th	35	57	32	32⅔	N.E.	N.E.	Cl	Cl		High wind – Robins app.
18th	28	43	35	35⅓	N.E.	N.E.	C	Cl		High wind
19th	26	53	41	37⅔	N.E.	N.E.	C	Cl		Woodcock appear.
20th	24	45	31	33⅓	N.E.	N.	C	C		
21st	25	47	34	35⅓	N.	N.E.	C	C		
22d	24	50	33	36	E.	E.	C	C		
23d	26	42	28	31⅔	N.	N.E.	C	C		
24th	25	51	35	37	N.	E.	C	C		
25th	27	58	37	40⅔	E.	N.	C	C		
26th	25	55	41	41⅔	E.	E.	C	C		
27th	37	58	45	46⅔	N.E.	N.E.	C	C		
28th	34	67	55	55	N.E.	N.E.	C	C		
29th	48	70	51	55	N.E.	N.E.	C	C	0.2.0	Rain
30th	40	44	30	34⅔	N.E.	N.E.	Cl	Cl		
31st										
Mean.									2.4.1	

NOTE.—For directions, see Regulations for the Medical Department—Form 3.

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
May	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	47	74	55	58⅔	N.W.	S.	C	C		Hail.
2d	50	43	57	50	S.E.	N.W.	C	C	025	Rain
3d	54	57	41	48½	N.	S.	C	C		Lightning in the S. West.
4th	42	80	67	63⅓	N.W.	N.W.	C	C		Rain appear.
5th	44	54	57	51⅔	S.E.	N.W.	C	C	001	Light Showers & High winds
6th	50	51	46	49	N.	N.	C	C		
7th	56	63	56	58⅓	E.	E.	C	C	05.0	Rain
8th	36	53	45	44⅔	N.E.	E.	C	C	06.3	Rain day & night
9th	45	55	45	48⅓	W.	N.W.	C	C	11.0	Rain with Thunder & Lightning
10th	55	61	57	57	E.	S.E.	C	C		
11th	48	51	47	49	S.W.	N.	C	C	28.5	Rain day & night
12th	44	57	45	48⅔	N.W.	C.	C	C		
13th	44	75	50	56⅓	E.	S.W.	C	C	00.1	Rain
14th	44	57	40	45⅔	N.	N.E.	C	C	01.0	Rain
15th	55	47	51	51	N.	N.	C	C	008	Rain
16th	54	43	56	51	N.E.	S.	C	C		
17th	56	61	45	48½	E.	W.	C	C		
18th	42	53	40	45	W.	S.	C	C	045	Rain day & night
19th	38	57	48	48⅔	N.W.	N.E.	C	C		
20th	40	78	53	57	S.	S.W.	C	C		
21st	42	66	48	52	N.E.	S.W.	C	C		
22d	42	66	45	50⅔	N.	N.W.	C	C		
23d	58	66	51	58⅓	S.	S.	C	C		
24th	48	64	48	53⅓	S.E.	E.	C	C		
25th	58	71	55	56⅔	E.	E.	C	C		
26th	50	78	53	57⅔	N.W.	S.E.	N.E.	C		
27th	44	75	47	55⅓	E.	E.	C	C		
28th	45	77	57	59⅔	N.E.	S.E.	C	C		
29th	48	84	57	63	E.	E.	C	C		
30th	52	84	64	66⅔	N.W.	S.	C	C	0.20	Rain
31st	56	86	62	67⅔	S.E.	W.	C	C		
Mean.										

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
June	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	54	85	65	67	S.	S.	C	Cl	06.0	Rain day & night
2d	60	77	68	64½	E.	SE.	Cl	Cl	02.0	Rain
3d	52	77	65	63½	N.	W.	Cl	C	02.0	Rain
4th	58	77	57	65	E.	SW.	C	C		
5th	56	77	64	67	SE.	SE.	Cl	Cl	1.6.5	Rain day & night with thunder & lightening
6th	64	66	51	56½	W.	N.	Cl	Cl		
7th	42	77	56	56½	NW.	NE.	C	C		High wind
8th	43	74	57	57½	NE.	E.	C	C		
9th	57	76	65	64½	E.	S.	C	Cl	00.1	Rain.
10th	57	74	57	63½	S.	NE.	Cl	C		
11th	56	74	56	61	N.	NE.	Cl	C		
12th	50	78	64	65½	NE.	E.	C	C		
13th	58	80	65	66½	NW.	S.	Cl	Cl	01.2	Rain with thunder & light
14th	57	70	55	57½	NE.	N.	Cl	C		
15th	51	73	60	61½	NE.	NE.	C	C		
16th	57	73	57	61	N.	SW.	C	C		
17th	52	82	60	65	E.	NE.	Cl	Cl		
18th	54	81	56	63	SE.	NE.	Cl	Cl		
19th	54	71	48	55½	N.	N.	Cl	Cl		
20th	42	65	45	50½	N.	N.	Cl	Cl	00.8	Rain
21st	44	77	57	61½	W.	W.	Cl	C	0.07	Rain
22d	52	75	57	61½	W.	SW.	C	Cl	00.2	Rain with thunder & lightn
23d	55	77	60	64	S.	W.	Cl	Cl		
24th	55	76	55	58½	NW.	NW.	C	C		
25th	45	74	54	57½	S.	S.	C	C	01.8	Rain.
26th	55	78	54	61½	W.	NW.	Cl	Cl	007	
27th	50	75	55	60	NW.	S.	Cl	C		
28th	58	77	57	67½	S.	NE.	C	Cl		
29th	66	87	73	74½	S.	S.	Cl	C		
30th	72	88	57	67½	NW.	NW.	Cl	Cl	1.6.0	Rain with thunder & lightening.
31st										
Mean.									4.80	

ABSTRACT FOR THE QUARTER.

MONTHS.	THERMOMETER.			Hottest Day.	Coldest Day.	WINDS.									WEATHER.					RAIN.
	Highest Degree.	Lowest Degree.	Mean Temperature.			N.	N. W.	N. E.	E.	S. E.	S.	S. W.	W.	Prevailing.	Fair.	Cloudy.	Rain.	Snow.	Prevailing.	Inches.
						Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.		Days.	Days.	Days.	Days.		
April	78	18	36 11/30	27th	3	7½	7	7½	4½	2	0	1	½	N.E.	12½	10½	6	2		2.11
May	86	55	50 16/31	1	31	5½	5	4½	7	5	5	1½	2	E	20	11	11	1		3.18
June	88	42	61 1/30	30th	20	5½	5	4½	5	3	5	2½	3½	S	15	15	12	0		4.50

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L. Foot **Surgeon.** U.S.A.

DIARY OF THE WEATHER at Fort Winnebago

for the Quarter ending the 30th day of September 1837.

Latitude 43½ North Longitude 12 West

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
July	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	49	72	56	60⅔	N.W.	N.W.	Clr	Clr		Rain during day
2d	56	62	54	56⅔	S.	E.	Cldy	Clr	0.5.0	Rain with thunder & lightning
3d	52	82	62	65⅓	W.	S.	Fr	Clr		Showers thunder lightning all night
4th	59	79	74	70⅔	S.	S.E.	Fr.	Fr.	1.0.5	Showers thunder & lightning
5th	64	76	62	66	S.	N.	Clr	Clr	2.6.0	
6th	56	83	59	66⅔	N.W.	S.W.	Clr	Fr		
7th	58	78	65	67	W.	N.	Clr	Clr		
8th	52	79	62	64⅓	S.W.	S.	Fr.	Fr.		
9th	55	79	62	67	E.	S.E.	Clr	Fr		
10th	62	83	65	69⅔	W.	S.W.	Clr	Clr		
11th	55	82	64	67⅓	E.	S.E.	Clr	Fr.		
12th	57	89	76	75⅓	S.E.	S.	Fr.	Fr	0.5.0	
13th	67	90	65	73⅔	W.	S.W.	Fr.	Clr		Rain, wind, thunder, lightning
14th	65	89	68	73⅔	S.	S.W.	Clr	Clr		
15th	61	75	58	64⅔	W.	W.	Fr.	Fr		
16th	59	78	59	65	E.	W.	Fr.	Clr		
17th	57	82	68	71⅓	S.E.	S.	Clr	Clr		
18th	67	90	60	72⅓	S.E.	S.	Fr.	Clr		
19th	56	87	58	67⅓	S.W.	W.	Fr.	Clr		
20th	57	84	57	52⅔	W.	W.	Fr.	Fr.		
21st	55	82	62	65⅔	S.E.	S.	Fr.	Fr.		Rain
22d	54	86	68	69⅓	S.E.	W.	Fr.	Clr	0.1.5	
23d	65	82	62	68	W.	W.	Fr.	Clr		
24th	55	81	63	66⅓	N.	N.E.	Fr.	Clr		
25th	60	86	68	71⅓	S.E.	S.E.	Clr	Clr	0.8.5	Rain thunder, severe wind, during night.
26th	62	88	64	71	S.W.	S.	Fr.	Fr.		Rain
27th	60	75	64	66⅓	N.	S.	Clr	Clr		
28th	63	83	67	71⅔	S.E.	E.	Fr.	Fr.		
29th	66	95	67	75	S.	N.W.	Clr	Fr.	0.0.1	Light showers this morning,
30th	61	86	56	66⅔	W.	W.	Clr	Clr		very high wind
31st	57	85	68	71⅓	N.E.	S.W.	Fr.	Fr.		
Mean.									5.66	

NOTE.—For directions, see Regulations for the Medical Department—Form 3.

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
August	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	67	87	68	73⅔	S.	S.	Clr	Cly	1.5.4	Rain, thunder, lightning
2d	64	82	61	67⅔	S.W.	W.	Fr.	Fr.		
3d	56	75	59	63	W.	N.	Fr.	Fr.		
4th	54	73	56	61	E.	N.E.	Fr.	Clr		
5th	48	73	53	58	E.	S.	Clr	Fr.		
6th	58	78	62	64⅔	E.	S.E.	Fr.	Clr		
7th	59	84	67	70⅔	E.	S.E.	Cly	Cly		
8th	64	72	62	65	E.	N.E.	Fr.	Fr.	0.5.5	Rain
9th	58	80	60	65⅔	S.W.	W.	Fr.	Fr.		
10th	56	81	58	64⅔	W.	S.W.	Fr.	Fr.		
11th	55	76	56	61⅔	N.W.	W.	Fr.	Fr.		
12th	52	81	54	61⅔	N.	W.	Fr.	Fr.		
13th	51	80	55	62⅓	S.	N.W.	Clr	Fr.		
14th	52	78	62	63⅔	S.W.	S.W.	Fr.	Clr		
15th	61	81	66	69⅓	N.	S.E.	Fr.	Clr		
16th	63	88	73	77	S.W.	S.W.	Fr.	Fr.		
17th	67	77	55	63⅔	W.	W.	Fr.	Fr.		
18th	49	72	58	61⅓	N.W.	E.	Clr	Clr		
19th	58	78	64	67⅔	E.	S.E.	Cly	Cly		
20th	64	83	64	70⅓	S.E.	W.	Fr.	Clr		
21st	64	62	47	54⅓	S.W.	W.	Fr.	Fr.	0.1.5	Rain
22d	45	63	46	51	N.W.	W.	Clr	Fr.		
23d	43	74	51	57	N.W.	W.	Cly	Cly		Frost this morning
24th	49	79	56	62⅓	S.W.	S.W.	Clr	Clr		
25th	54	75	64	65⅔	S.E.	S.E.	Cly	Cly	0.0.5	Thunder and lightning
26th	60	80	60	65⅔	N.	W.	Clr	Clr		
27th	53	86	62	67	E.	E.	Fr.	Fr.		
28th	63	83	71	72⅔	S.E.	S.W.	Cly	Clr		
29th	64	91	73	74⅔	S.E.	S.W.	Clr	Clr		Lightning
30th	56	61	48	52⅔	N.E.	N.	Cly	Cly	0.6.0	Thunder and lightning.
31st	39	58	45	47⅓	N.	N.E.	Clr	Clr		
Mean.										

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
September	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st.	40	68	52	55⅔	N.W.	W.	Clr	Clr		
2d.	53	64	45	56⅔	N.E.	N.	Clr	Do		
3d.	40	70	52	55⅔	W.	S.W.	Clr	Do		
4th.	50	77	57	61⅓	S.W.	S.W.	Do	Clr		
5th.	52	76	63	65	S.E.	S.W.	Do	Do	0.2.0	Rain thunder & lightning
6th.	60	75	66	68⅔	S.	S.W.	Clr	Do		Thunder lightning
7th.	66	87	70	75	S.E.	S.W.	Do	Do	0.2.0	Rain
8th.	70	84	74	74⅓	S.W.	S.W.	Do	Do	0.0.3	Thunder, lightning, wind
9th.	62	85	63	53	S.W.	W.	Do	Do	1.6.0	
10th.	60	54	48	44⅔	N.E.	N.E.	Do	Do	0.2.0	Rain.
11th.	41	62	40	47⅔	N.W.	N.W.	Clr	Clr		
12th.	38	63	50	52⅔	N.	S.	Do	Do		
13th.	49	72	54	58⅔	S.	S.W.	Clr	Do		
14th.	50	75	58	62⅔	S.	S.W.	Do	Do		Asst. Surg. McDougal relieved from duty.
15th.	59	78	64	66⅔	S.	S.W.	Do	Do	0.0.5	Rain.
16th.	56	65	64	63	N.E.	S.	Do	Clr	0.7.0	Rain high wind.
17th.	64	62	41	51	S.W.	W.	Clr	Do	0.0.8	Very high wind.
18th.	36	58	40	44	N.W.	N.W.	Clr	Do		High wind raising dust
19th.	32	58	38	43⅔	N.W.	E.	Clr	Clr		
20th.	35	59	45	47⅔	E.	S.	Fr.	Do		
21st.	43	62	40	46⅔	S.	N.W.	Clr	Clr		
22d.	34	55	37	43	W.	N.W.	Clr	Clr		
23d.	40	61	45	48⅔	S.E.	S.	Do	Do		
24th.	41	68	58	58⅔	S.	S.	Do	Clr		Asst. Surg. McDougal left for [illegible]
25th.	58	71	53	57⅔	S.	N.W.	Clr	Do	0.4.7	Rain thunder, lightning and wind
26th.	40	45	42	43⅔	N.E.	N.E.	Do	Do	0.2.8	Rain afternoon & night
27th.	47	63	53	54⅓	E.	W.	Do	Do	0.2.5	Rain evening.
28th.	49	64	51	54⅔	N.W.	N.W.	Do	Do	0.0.7	Rain afternoon evening
29th.	50	59	50	54⅔	E.	E.	Do	Do	0.0.1	Rain
30th.	50	64	49	52⅔	N.W.	N.W.	Do	Do	0.5.5	Light Showers
31st.										
Mean.										

ABSTRACT FOR THE QUARTER.

MONTHS.	THERMOMETER.			Hottest Day.	Coldest Day.	WINDS.									WEATHER.					RAIN.
	Highest Degree.	Lowest Degree.	Mean Temperature.			N. Days.	N. W. Days.	N. E. Days.	S. Days.	S. E. Days.	E. Days.	S. W. Days.	W. Days.	Prevailing.	Fair. Days.	Cloudy. Days.	Rain. Days.	Snow. Days.	Prevailing.	Inches.
July	99	49	63 6/31	12	2	2	2	1	3	6	6	3	8	West	15	13	8		Fair	5.66
August	91	39	63 30/31	16	22	4	4	2	8	3	1	6	3	East	14	17	5		Cloudy	2.89
September	87	32	55 11/30	7	22	1	6	4	5	3	7	4	2	North	12	15	14		Cloudy	5.39

13.94

L. Foot Surgeon. U. S. A.

DIARY OF THE WEATHER at Fort Winnebago

for the Quarter ending the 31 *day of* December 1837.

Latitude 43 3/4 N. Longitude 12. W.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
Octr	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	44	53	53	53	w	S.E	Cy	Cy	0.0.4	Shower this evening
2d	42	57	46	47⅔	n.w	n.	Cy	C		
3d	40	57	44	48	n.E	E	Cy	Cy	0.0.1	Light shower this evening
4th	44	53	48	48⅓	E	E	Cy	Cy		Rain Thunr Lightg high wind
5th	46	53	40	43⅓	n.w	n.w	C	C	0.4.5	
6th	30	50	34	38⅓	n	n.w	C	C		
7th	31	58	49	48	n	n.w	C	C		
8th	43	59	45	49	n.E	S.E	Cy	Cy		Shower this evening
9th	43	53	50	48⅔	S	S	Cy	Cy	0.0.7	Light shower during the day
10th	42	64	48	50⅔	w	n.w	C	C	0.0.6	
11th	38	68	53	53⅔	n	S.E	C	Cy		
12th	36	40	31	33	n	n	Cy	Cy		
13th	29	42	29	33	n	w	C	C		
14th	36	65	51	50⅔	S	n.w	Cy	C		High winds during the day
15th	35	67	41	47	n.E	n.E	C	C		
16th	31	62	49	50⅔	E	E	C	C		
17th	57	71	58	61⅔	S	S.W	Cy	Cy	0.0.4	Light shower this evening
18th	59	59	49	55⅔	n.w	n.w	Cy	Cy		
19th	45	57	47	48⅔	n.E	n.w	Cy	Cy	0.0.2	Light shower at night
20th	40	53	44	45	n.w	n.w	Cy	C	0.1.0	Rain at night.
21st	42	61	66	56⅓	E	S.E	Cy	Cy		
22d	45	53	45	47⅔	n.w	n.	C	C		
23d	42	49	32	37⅔	n	n.w	Cy	C		
24th	23	45	31	31	n	n	C	Cy		
25th	21	36	22	25⅔	n	n.E	Cy	Cy		
26th	16	31	19	23⅓	n	n	C	C		
27th	25	47	31	34⅓	n.w	n.w	Cy	C		
28th	28	42	30	31⅓	n	n.E	Cy	Cy		
29th	18	43	23	28	n	n.E	C	C		
30th	18	43	25	29	n	n.E	C	C		
31st	20	46	32	33	n	n.w	C	Cy		
Mean.									.71	

NOTE.—For directions, see Regulations for the Medical Department—Form 3.

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
November	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	22	46	31	33⅓	N.W	N.E	Cy	C		
2d	25	58	39	40⅔	N.E	S.W	Cy	C		
3d	40	53	43	44⅔	N.E	N.W	Cy	Cy	0.0.8	Rain this evening
4th	36	34	30	33⅓	N.E	N.E	Cy	Cy	0.6.6	Rain this morng Snow eveng
5th	30	35	31	32⅓	N.W	N.W	Cy	Cy	0.0.7	Rain
6th	31	43	32	34⅔	S.W	N.W	Cy	Cy	0.1.2	Snow & Rain this evening
7th	28	40	24	30⅔	N	N.W	C	C	0.0.2	
8th	34	57	45	45⅓	E	S	C	Cy	0.3.1	Shower, with T & L at night
9th	48	59	37	44⅔	S	N	Cy	Cy		
10th	37	46	44	42⅓	N	N.E	C	Cy	0.0.4	Shower at Night
11th	38	58	39	45	N	N.W	Cy	Cy		
12th	26	41	33	33⅓	N	N.E	C	C		
13th	29	43	24	32⅔	E	N	Cy	C		
14th	31	44	27	32⅔	S.E	S.E	Cy	Cy		
15th	21	39	23	27⅔	N.W	N	C	C		
16th	20	45	35	37⅓	N	S	C	C		
17th	43	54	48	48⅓	S.W	S.W	Cy	Cy	0.0.4	Showers at Night
18th	43	46	31	37⅔	S.W	N.W	C	C		
19th	30	40	34	36	S.E	E	Cy	Cy	0.6.7	Rain. T & L this evening
20th	38	40	35	36⅔	N.E	N.E	Cy	Cy	0.1.4	Rain.
21st	32	32	28	29	N.E	N.E	Cy	Cy	0.0.9	Rain and Snow
22d	22	25	14	18⅔	N	N	Cy	Cy		Snow
23d	10	24	20	17	N	N.W	Cy	Cy		
24th	14	26	21	21⅓	N	N	C	Cy		
25th	23	32	25	26⅔	E	E	Cy	Cy		
26th	24	32	20	25⅓	N	S.E	Cy	Cy		
27th	23	37	33	35⅓	S.E	S.E	C	Cy	0.3.5	Rain during the Night
28th	46	52	41	45	S.E	N	Cy	Cy	0.1.5	Rain
29th	38	46	36	40⅔	N.W	N.W	Cy	C	0.0.5	Lightg & Th. with Rain Evng
30th	42	59	35	43⅓	E	N.W	Cy	Cy	0.0.4	Light Shower
31st										
Mean.									3 23	

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
December	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	28	35	35	32 2/3	N.E	N.E	Cy	Cy	0.2.8	Rain
2d	44	45	30	39 2/3	N	N.W	Cy	Cy		Heavy Wind at Night
3d	24	31	25	26 2/3	N.W	N.W	C	Cy		
4th	21	25	15	19 2/3	N.W	N.W	Cy	C		
5th	16	35	28	26	S.E	S.W	Cy	Cy		
6th	26	29	14	20 2/3	N.W	N.W	C	C		
7th	13	25	23	22	N.W	N.W	C	C		
8th	23	33	25	27 1/3	N.E	N.E	Cy	Cy		Snow Storm this Evening
9th	27	31	23	25 2/3	N.E	N.E	Cy	Cy	0.4.0	Snow continued
10th	18	25	16	19 2/3	N.W	N.W	Cy	Cy		
11th	18	21	11	16 2/3	N.W	N.W	Cy	C		Top River froze over last night Light snow this morning
12th	11	25	14	16 2/3	N.W	N.W	Cy	Cy		
13th	16	15	11	14	N	N.W	Cy	Cy		
14th	11	23	10	14 2/3	N	N	Cy	C		
15th	17	25	24	22	E	E	Cy	Cy		Snow
16th	30	33	26	29 2/3	N.E	N.E	Cy	Cy		Snow
17th	29	31	33	31	N	N.W	Cy	Cy	0.2.5	Snow + Sleet A.M.
18th	11	18	11	13 1/3	N.W	N.W	C	C		
19th	10	21	3	11 1/3	N.W	N	Cy	Cy		
20th	3	14	7	8	N.W	S.W	Cy	Cy		Snow
21st	0		0	2	N.W	N.W	C	C		
22d	-2	10	0	2 2/3	N.W	N.W	C	C		
23d	-3	13	9	8	S.W	W	C	C		
24th	7	27	22	23	N	S.E	C	Cy		
25th	33	39	29	28 3/4	S.W	W	Cy	C		
26th	2	16	6	8 2/3	N	N	C	Cy		
27th	7	30	26	22 2/3	S.E	S.W	Cy	C		
28th	18	26	20	23 2/3	N.W	E	Cy	C		Thaw
29th	30	43	26	32 2/3	W	N.W	C	C		Sleet
30th	29	39	30	31 2/3	N.E	N	Cy	C		High Winds
31st	22	32	30	30 2/3	S.W	S.E	Cy	Cy		
Mean.									.63	

ABSTRACT FOR THE QUARTER.

MONTHS.	THERMOMETER.			Hottest Day.	Coldest Day.	WINDS.									WEATHER.					RAIN.
	Highest Degree.	Lowest Degree.	Mean Temperature.			N.	N. W.	N. E.	S.	S. E.	E.	S. W.	W.	Prevailing.	Fair.	Cloudy.	Rain.	Snow.	Prevailing.	Inches.
						Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.		Days.	Days.	Days.	Days.		
October	71	16	$43\frac{11}{31}$	22	26	13	6	4	3	0	3	0	2	N	14	17	8	0	Cloudy	.78 ~~[illegible]~~
November	59	10	$33\frac{26}{31}$	17	23	8	4	5	4	4	1	3	1	N	9	21	11	3	Cloudy	2.23 ~~[illegible]~~
December	46	-3	21	2	21	4	14	5	1	2	0	3	2	N.W.	10	21	1	7	Cloudy	1.68

Total Quantity of Rain fallen in the year 37 and 30.74 inches 4.70

L. Foot
Surgeon. U.S.A.

DIARY OF THE WEATHER at Fort Winnebago W. T.

for the Quarter ending the 31st day of March 1838.

Latitude 43½ N. Longitude 12 W.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
January	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	35	42	41	41⅔	S.E.	S.	cy	cy		Rain High winds with Showers
2d	47	57	44	47⅔	S.W.	W.	cy	cy	0.5.5	Light Showers — N.E. [illegible] at night
3d	47	53	58	52⅔	S.W.	S.	cy	cy	.7.5	" — Full Rain Heavy wind at
4th	49	52	38	41	S.E.	S.	cy	cy	.1.0	night — again — Fog Thick after Rain
5th	14	29	18	23⅔	N.W.	N.W.	c	c		High winds
6th	29	40	34	34⅓	S.E.	S.E.	cy	cy		" "
7th	28	29	15	21	N.W.	N.W.	cy	c		" "
8th	10	32	29	21⅓	N.E.	S.E.	c	cy		" "
9th	-2	4	-3	-1⅓	N.W.	N.W.	c	c		" " Fog then Fog
10th	-7	5	-3	0	N.W.	N.	c	c		
11th	5	30	23	21⅔	S.W.	N.W.	c	c		
12th	17	34	35	27	S.W.	N.W.	c	c		
13th	27	40	28	32⅓	W.	S.W.	cy	c		
14th	31	37	22	28⅔	W.	N.W.	cy	c		
15th	20	40	30	32⅔	S.W.	S.W.	cy	c		
16th	34	48	36	38⅔	S.W.	S.W.	c	cy	0.4.0	High Wind Rain Snow at night
17th	30	25	15	19⅔	N.E.	N.E.	cy	cy	0.1.0	Snow during the day
18th	6	19	12	11	N.	N.	c	cy		
19th	-2	14	3	4⅔	N.	N.W.	c	c		
20th	-5	5	-8	-4⅔	N.W.	N.W.	c	c		
21st	-15	9	4	2⅓	S.W.	S.E.	c	c		
22d	2	19	7	7⅔	N.E.	N.E.	cy	cy		Light Snow at Night
23d	-7	19	10	8⅔	N.W.	N.W.	cy	cy		
24th	-1	14	-2	5⅔	N.	N.	cy	c		
25th	11	25	18	16	N.E.	N.E.	cy	cy	0.1.3	Snow during the day & evening
26th	-1	20	16	15⅔	N.W.	S.E.	c	c		
27th	23	31	4	13	S.E.	S.E.	cy	cy	0.0.5	Snow & high wind at Night
28th	-15	16	3	1⅓	N.	N.W.	c	cy		Snow this Evening
29th	-13	17	-2	1⅓	N.	N.	cy	cy		
30th	-10	12	-7	-2⅔	N.	N.W.	c	c		
31st	-15	8	-14	-10⅔	N.W.	N.W.	c	c		
Mean.										

NOTE.—For directions, see Regulations for the Medical Department—Form 3.

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
February	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	-21	-2	-14	-8⅔	N.W.	N.W.	C	C		
2d	0	27	12	14⅔	N.W.	N	Cy	Cy		
3d	15	26	-2	9	N.W.	N.W.	C	Cy		
4th	-4	25	12	13	E	N.W.	Cy	Cy		Light snow at evening
5th	8	32	6	15⅓	N	N.W.	Cy	Cy		
6th	9	27	17	18⅓	E	S.E.	Cy	Cy	0.20	Snow Storm comm'd this morning
7th	14	36	14	21	N.W.	N.W.	Cy	Cy		
8th	12	27	15	17⅔	N.W.	N	Cy	Cy		
9th	8	32	8	16⅔	N.W.	N.W.	Cy	Cy		Light snow this evening
10th	3	22	3	7	N.W.	N	Cy	Cy		
11th	-11	25	3	8⅔	N.W.	S.W.	C	Cy		Snow.
12th	5	16	-11	-0⅔	N	N	Cy	C		
13th	-20	-6	-18	-14⅔	N	N	C	C		
14th	-29	-8	-16	-16⅔	N	N	C	C		
15th	-20	5	-7	-6	N	N.W.	Cy	C		
16th	-18	21	-11	-1⅔	N.W.	N.W.	Cy	Cy		
17th	-12	22	11	8⅔	S.W.	S.	C	C		High winds from S. to N.W.
18th	-3	14	-3	1⅔	N.W.	N.W.	C	C		
19th	-9	26	-5	2⅔	N.W.	N.W.	C	C		
20th	-17	7	-7	-2⅔	N.W.	N.W.	C	C		
21st	-7	21	6	4⅔	N.W.	S.	C	C		Thawed in the Sun
22d	-4	28	10	11⅔	S.W.	S.W.	C	Cy		
23d	1	19	5	7⅔	N.E.	N	C	C		
24th	-5	11	-5	0⅓	N	N	C	C		
25th	-2	13	-4	2	N.E.	N.E.	Cy	C		
26th	-4	24	5	10⅔	N.W.	N.W.	C	C		
27th	7	28	17	18⅔	N.E.	S.E.	C	Cy		
28th	12	31	23	24	E.	E.	Cy	Cy		
29th										
30th										
31st										
Mean.										

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
March	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	24	30	23	22 7/6	N.E.	N.E.	Cy	Cy	0.0.1	Snow storm com^d A M [illegible]
2d	4	26	17	15 2/6	N.E.	N.E.	C	C		
3d	6	31	18	17 3/6	N.	N.E.	C	C		
4th	7	39	26	25	N.E.	N.E.	C	Cy		
5th	13	38	21	24	N.	N.W.	C	C		
6th	18	44	24	29 2/6	N.E.	N.W.	C	Cy		
7th	23	31	24	25 4/6	N.E.	N.E.	Cy	Cy		
8th	21	44	30	32 5/6	N.	N.	Cy	Cy		
9th	28	40	25	29 2/6	N.	E.	Cy	C		
10th	18	44	31	35 [illegible]	N.E.	E.	C	C		
11th	31	44	31	35	N.W.	N.W.	C	C		
12th	29	53	36	39 4/6	S.E.	S.W.	C	C		
13th	31	54	38	40 5/6	S.E.	S.W.	Cy	Cy	0.0.6	(Rain this evening)
14th	30	41	33	34 2/6	N.E.	N.E.	Cy	Cy	0.0.1	Rain
15th	30	43	31	33	N.E.	N.E.	Cy	Cy		
16th	20	39	27	28 4/6	N.E.	N.	Cy	C		
17th	17	44	30	31 3/6	N.	N.W.	C	C		
18th	24	56	41	41 5/6	S.W.	S.W.	C	C		
19th	33	55	37	40 4/6	N.	N.E.	C	C		Large flocks of Pigeons
20th	27	45	33	34 2/6	N.	N.E.	Cy	Cy		seen to day — ducks —
21st	23	41	33	33 4/6	E.	N.E.	C	Cy		
22d	31	46	37	40 2/6	N.E.	N.E.	Cy	Cy		
23d	46	48	36	46 4/6	S.	S.W.	Cy	Cy		Wild geese seen to day high in air
24th	26	49	33	36 5/6	N.W.	N.W.	C	C		
25th	31	60	42	46	E.	S.W.	Cy	C		
26th	41	67	52	53 3/6	S.E.	S.	Cy	Cy		
27th	60	75	56	61 3/6	N.W.	N.W.	Cy	C		
28th	47	72	54	57 4/6	N.	N.W.	C	C		High winds
29th	44	59	45	47 5/6	N.E.	N.E.	C	C		
30th	35	63	57	49 5/6	N.E.	S.W.	Cy	C		High winds
31st	36	61	44	46 2/6	N.E.	N.E.	Cy	Cy		Lighting
Mean.										

ABSTRACT FOR THE QUARTER.

MONTHS.	THERMOMETER.			Hottest Day.	Coldest Day.	WINDS.									WEATHER.					RAIN.
						N.	N. W.	N. E.	E.	S. E.	S.	S. W.	W.	Prevailing.	Fair.	Cloudy.	Rain.	Snow.	Prevailing.	Inches.
	Highest Degree.	Lowest Degree.	Mean Temperature.			Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.		Days.	Days.	Days.	Days.		
January	53	-15	17 20/31	3rd	21st	5	10	3½	–	4½	1½	5	1½	N. West	15	11	4	5	Cloudy	2.0.3
February	32	-29	6 7/28	9th	14th	7	13	3	2	–	1	2	–	N. West	14	14	–	4	Equal	0.2.0
March	75	.0	36 21/31	27th	3rd	5	5½	13	1½	1½	1½	3	–	N. East	15	16	2	1	Cloudy	0.0.8
																				2.31

L. Foot Surgeon. U. S. A.

DIARY OF THE WEATHER at Fort Winnebago Wis Ty

for the Quarter ending the 30th *day of* June 1838.

Latitude 43½ North Longitude 12 West

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
April	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	32	49	34	37⅔	N E	N E	Cy	C		
2d	27	54	40	39⅔	N W	N W	C	C		High winds
3d	24	57	33	36⅔	N E	S W	C	C		
4th	37	57	40	44⅔	N E	N	C	C		
5th	40	55	45	48	E	S E	Cy	Cy	0.3.5	Light showers this evening
6th	48	48	44	46⅔	E	E	C	Cy	0.2.0	Rain
7th	41	43	40	41⅓	N E	N E	C	C	0.1.2	Rain
8th	27	48	35	36⅔		N W	C	C	0.1.3	Rain
9th	26	26	37	29⅔	N W	W	C	C		High winds
10th	27	43	29	33	S E	N W	C	C	0.0.1	Snow & high winds at night Rain
11th	21	32	33	17⅔	N W	N W	C	C		High winds
12th	35	37	31	34⅓	N W	N W	C	C		
13th	17	37	29	27⅔	N E	N W	C	C		
14th	22	57	35	37⅔	N	N W	C	Cy		
15th	32	39	35	33	N E	N E	Cy	Cy		High winds
16th	25	36	29	30	N E	N E	C	C	0.1.0	Light this evening Hale & Rain
17th	35	42	32	34⅔	N E	N W	C	Cy	0.0.2	High winds with rain
18th	29	37	32	31⅔	N E	N W	Cy	Cy	0.0.1	High winds & snow
19th	24	37	33	29⅔	N	N	C	C		
20th	25	41	34	36⅔	N	S W	C	C		
21st	38	70	52	53⅓	S W	S W	C	C		High winds
22d	37	46	34	37⅔	S E	N E	C	Cy		Hail & Lightning in the afternoon
23d	26	35	32	31	E	N E	Cy	C	0.0.2	Light showers Hail, Rain Thr and Lightning
24th	32	36	35	34⅓	N E	N E	C	C		High winds
25th	34	44	40	40	E	E	Cy	Cy	0.4.5	Rain
26th	38	53	45	44⅔	N W	N W	C	C	0.0.1	Rain
27th	43	52	40	44⅔	N E	N E	Cy	Cy	0.6.1	Rain Thr & Light'g at Night
28th	35	41	31	35⅔	E	W	C	C	0.2.5	Rain with high winds
29th	29	50	34	37⅔	N	N	C	C		Light snow
30th	34	64	55	51	S E	S	C	C		
31st										
Mean.				38⅔					2.9.1	

NOTE.—For directions, see Regulations for the Medical Department—Form 3.

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
May	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	46	49	46	45 2/3	E	S E	Cy	Cy	0-1-6	Rain
2d	44	46	43	45 2/3	N	E	Cy	Cy		
3d	35	62	43	47 2/3	N E	N	C	C		
4th	43	53	46	47 1/3	E	N E	Cy	Cy	0-0-2	Rain
5th	36	54	38	41 1/3	N	N	C	C		High winds at night
6th	30	43	34	35 2/3	N	N	Cy	Cy		Light frost A.M. Frost P.M.
7th	31	43	35	35 2/3	N	N	Cy	C		
8th	25	50	37	35 2/3	N	N	C	C		Light frost A.M. Frost P.M.
9th	30	46	36	35 2/3	N	N	Cy	Cy		
10th	36	52	40	40 1/3	N	N E	C	C		
11th	35	66	47	50 1/3	E	S W	C	C		
12th	46	73	53	57	N W	W	C	C		
13th	44	76	54	58 1/3	S	S	C	C		
14th	46	76	55	61 2/3	S E	S	Cy	C		
15th	54	74	69	67 2/3	S	S	Cy	Cy	0-0-6	Rain — light at night
16th	64	86	58	65	N W	N W	Cy	Cy		
17th	42	50	42	43 1/3	N	N	Cy	C	0-0-8	Rain
18th	33	66	58	52 1/3	S W	S W	C	C		
19th	57	75	63	64 1/3	W	W	C	C		High winds — lightning
20th	60	73	57	62 1/3	W	W	C	Cy	0-2-5	Rain and lightning
21st	43	62	46	45 1/3	N W	N W	Cy	Cy	0-0-1	Rain. High winds the afternoon
22d	32	52	36	39 2/3	N W	N W	Cy	C		Light frost in the morning
23d	31	54	43	43 1/3	N E	N E	C	C		Light Frost
24th	38	53	43	46 1/3	N	N	Cy	Cy		
25th	39	65	53	52 1/3	S W	W	C	C		
26th	54	76	53	59 2/3	S W	W	Cy	C	0-0-4	Rain — High winds
27th	44	52	42	44 2/3	N W	N W	Cy	C		
28th	37	58	46	46 1/3	N	N	Cy	C		
29th	32	65	44	48 1/3	S E	E	C	Cy	0-1-8	Rain
30th	41	59	46	48 2/3	S E	S	Cy	Cy	0-0-1	Rain
31st	42	65	45	50	S	S W	Cy	Cy		
Mean.				48 8/31					0.8.6	

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
June	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	38	69	50	52 2/3	S	SW	c	c		
2d	40	80	59	61 5/6	S	W	c	c		
3d	53	87	58	66 2/3	S	SW	cldy	c	0.0.4	Rain
4th	46	72	52	57 1/3	S	S	c	c		
5th	43	68	54	55 2/3	S	S	c	c		
6th	46	72	58	60 2/3	S	S	c	c		
7th	55	82	66	65 2/3	S	S	c	c		
8th	62	86	64	71	S	W	cldy	cldy	0.1.0	Rain Thr & Lightning
9th	64	88	70	73 2/3	S	SW	cldy	c	0.0.1	Rain
10th	63	66	59	62 2/3	S	SW	c	cldy	0.6.5	Rain Storm Thr & Lightning
11th	60	80	58	65 2/3	S	SW	cldy	c		
12th	56	83	56	65 2/3	S	SE	cldy	cldy	0.1.9	Rain
13th	58	78	62	65 2/3	S	S	c	cldy		
14th	60	80	62	67 1/3	S	SW	c	cldy	0.1.4	Rain
15th	57	84	62	67 2/3	SW	SW	c	c		
16th	56	88	66	70 2/3	SW	S	c	c		
17th	60	82	63	67 5/6	SE	S	c	cldy	0.7.5	Rain Thr & Lightning
18th	57	85	62	66 2/3	SW	S	cldy	c	0.1.6	Rain Lightning
19th	58	84	68	70 2/3	S	SW	cldy	c		
20th	62	90	72	75 2/3	SE	S	cldy	c		
21st	66	90	72	75 2/3	SW	SW	c	c		Lightning & light shower
22d	68	86	76	75 2/3	SE	SE	c	cldy		
23d	62	80	64	67 1/3	S	W	c	c		
24th	57.	77	56	63 1/3	SW	SW	cldy	cldy		
25th	60	80	60	66 2/3	SW	S	c	c		
26th	56	70	65	63.	SW	S	c.	cldy	0.0.1	Rain Lightning
27th	62	88	68	72 2/3	SW	SW	cldy	c		
28th	65	90	74	76 1/3	SW	SW	cldy	c		Thr & Lightning
29th	64	90	64	71	SE	S	cldy	cldy	0.3.2	Rain – Thr & Lightg
30th	60	80	65	68	S	SW	cldy	c		
31st										
Mean.				66 16/30					2.4.0	

ABSTRACT FOR THE QUARTER.

MONTHS.	THERMOMETER.			Hottest Day.	Coldest Day.	WINDS.									WEATHER.					RAIN.
						N.	N. W.	N. E.	S.	S. E.	E.	S. W.	W.	Prevailing.	Fair.	Cloudy.	Rain.	Snow.	Prevailing.	
	Highest Degree.	Lowest Degree.	Mean Temperature.			Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.		Days.	Days.	Days.	Days.		Inches.
April	70	17	30 37/30	21st	13th	3½	7½	10	5½	1½	1	2	1	N. East	6½	21½	13	3	Cloudy	2.98
May	86	26	48 9/31	16th	10th	10½	7	2½	2½	2	2½	3½	½	North	13½	17½	9	3	Cloudy	3.56
June	90	38	66 14/30	20th	1st	7	8	3	4½	1½	3	1½	1½	N.W.	18½	11½	10	—	Fair	2.40
																				[illegible]

L. Foot Surgeon. U. S. A.

DIARY OF THE WEATHER at Fort Winnebago

for the Quarter ending the 30th *day of* September 1838.

Latitude 43¾ North Longitude 12 West

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
July	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	58	82	62	67⅓	N.E.	W.	C	C		Light Shower with Lightg at Night
2d	60	92	71	76	N.	S.	F	F		
3d	70	86	78	77	S.	S.	C	C	1.4.0	Rain High winds Thr & Lightg
4th	64	79	62	67⅔	S.	S.W.	C	C	0.0.4	Rain
5th	60	86	66	71⅓	W.	N.W.	F	F		
6th	64	90	70	75⅓	N.	W.	F	F		
7th	68	90	76	77⅓	E.	W.	F	F		Lightning
8th	76	100	76	83	W.	S.W.	F	F		
9th	70	94	76	79⅔	W.	W.	F	F		
10th	68	84	62	69	W.	S.W.	C	F	0.0.1	Rain — Thr & Lightg
11th	54	80	54	61⅔	N.	N.W.	F	F		
12th	49	85	60	67⅓	N.W.	N.W.	F	F		
13th	64	88	68	73	W.	W.	F	F		
14th	62	62	66	70⅔	W.	W.	F	F		
15th	64	104	86	87⅓	S.W.	W.	F	C		
16th	80	76	69	72⅔	E.	S.E.	F	C	2.1.1	Rain [illegible]
17th	66	91	69	75⅓	E.	S.	C	C	0.1.7	Rain — Thr & Lightg
18th	68	91	76	77	E.	S.W.	F	F		
19th	72	86	72	76	W.	W.	F	F	0.1.0	Rain. Thr & Lightg
20th	68	76	64	67⅔	N.W.	N.	C	F		
21st	58	70	56	60	N.E.	N.E.	C	C		
22d	50	74	62	63⅔	N.E.	E.	F	F		
23d	60	92	66	72⅔	S.E.	S.W.	F	F		
24th	60	82	68	70⅔	N.	S.W.	F	F		
25th	64	90	74	77	E.	S.	C	C	0.2.6	Rain. Lightg at Night
26th	70	96	70	78⅔	W.	W.	C	F	0.1.0	Rain. Thr & Lightg
27th	70	98	78	81⅔	S.	S.W.	C	F	1.6.5	Rain — Thr & Lightg
28th	66	84	73	75⅔	N.	W.	C	C	0.0.3	Rain — Lightg
29th	72	84	68	72⅔	W.	N.W.	C	F	1.2.0	Rain — Lightg
30th	60	84	70	72⅔	N.W.	N.W.	F	F		
31st	66	76	60	65⅔	W.	N.W.	F	F		
Mean.				72 18/31					7.6.7	

NOTE.—For directions, see Regulations for the Medical Department—Form 3.

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
August	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	56	76	58	63	NW	N	6	6	0.0.1	Rain
2d	58	78	68	68⅔	N	N	3	3		
3d	60	82	72	72⅔	SW	SW	3	3		
4th	66	85	78	72⅔	S	S	6	6	0.6.1	Rain – Thr & Lightg
5th	68	78	76	78⅔	SW	W	6	3	0.4.5	Rain – a gale at night
6th	66	86	67	71⅔	S	W	6	3		
7th	57	79	63	67⅔	N	N	3	3		
8th	65	67	60	62⅔	E	E	6	6	0.2.5	Rain
9th	55	73	67	67⅔	E	NE	6	6	0.5.0	Rain – Lightg at night
10th	65	98	68	77⅔	W	SW	6	6	0.1.2	Rain – Thr & Lightg
11th	64	74	60	64⅔	NW	N	6	3		
12th	56	75	64	64⅔	NW	NE	3	3	0.1.3	Rain –
13th	54	66	50	56	NE	NE	6	3		
14th	50	74	58	61	NE	NE	3	6	0.1.1	Rain
15th	56	70	58	60⅔	NE	N	6	3	0.8.0	Rain –
16th	56	77	62	65	N	N	3	3		
17th	56	82	60	66⅔	N	N	6	3		
18th	58	84	66	70⅔	NW	NE	3	3	0.2.5	Rain – Thr & Lightg
19th	65	86	72	74⅔	SE	S	6	3		
20th	68	90	72	76⅔	NW	NW	3	3		Thr & Lightg
21st	66	92	71	76⅔	N	NE	3	6	0.4.0	Rain – Thr & Lightg
22d	68	87	67	73⅔	SE	W	3	3	0.1.0	Rain – Thr & Lightg
23d	70	94	67	76	SW	W	6	6	0.0.6	Rain – Thr & Lightg
24th	64	90	68	74⅔	NW	W	6	3	0.3.0	Rain – Thr & Lightg
25th	66	82	64	69⅔	NW	NW	6	3		
26th	60	82	72	72	NE	S	3	6	0.9.5	Rain – Thr & Lightg
27th	64	70	58	62⅔	SE	N	6	3		
28th	53	78	61	65⅔	N	N	3	3		
29th	64	80	60	65⅔	W	NW	6	3		
30th	57	70	54	60⅔	N	SE	6	3	0.1.8	Rain
31st	60	70	53	58⅔	W	NW	6	3		
Mean.				68 2/31					5.3.5	

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
September	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	46	60	46	48⅔	N	N	C	F		
2d	34	64	49	51⅓	NW	S	F	F		
3d	47	74	58	60	S	S	F	F		
4th	49	80	59	62⅔	SW	SW	F	F		
5th	54	78	61	64⅓	S	SW	F	F		
6th	54	81	62	65⅔	S	SW	F	F		
7th	52	78	60	65⅔	SW	W	F	F		
8th	52	80	61	65	W	W	F	F		
9th	54	84	62	67⅔	S	NW	F	F	0.1.6	Rain
10th	56	68	52	58	NW	SW	C	C	0.1.0	Rain
11th	52	64	52	54	N	N	C	F		
12th	40	68	52	54	N	SW	F	F		
13th	44	72	56	58⅔	W	SW	C	F		
14th	52	76	57	60⅔	W	N	F	F		
15th	44	72	52	56⅔	S	E	F	F		
16th	46	76	58	62	SE	SW	F	F		
17th	58	78	63	66⅔	S	SW	F	F		
18th	58	64	50	55⅓	N	NW	C	F		
19th	46	70	52	56⅔	N	N	F	F		
20th	48	76	52	58⅔	N	N	F	F		
21st	48	44	40	42⅔	N	N	C	C	1.2.5	Rain
22d	38	36	36	36	N	N	C	C	0.8.1	Rain and Sleet
23d	34	54	44	45	N	NW	F	F		
24th	40	64	56	53⅓	N	SW	F	F		
25th	53	74	55	61⅔	S	W	F	F		
26th	52	74	54	57⅔	SW	E	C	C	0.0.2	Rain
27th	50	63	52	54	E	SE	F	C	0.3.0	Rain
28th	44	64	44	50⅔	SW	SW	C	F		
29th	42	63	46	57	W	N	C	F		
30th	42	64	47	52	N	SE	C	F		
31st										
Mean.				56 18/30					2.6.4	

ABSTRACT FOR THE QUARTER.

MONTHS.	THERMOMETER.			Hottest Day.	Coldest Day.	WINDS.									WEATHER.					RAIN.
	Highest Degree.	Lowest Degree.	Mean Temperature.			N.	N. E.	E.	S. E.	S.	S. W.	W.	N. W.	Prevailing.	Fair.	Cloudy.	Rain.	Snow.	Prevailing.	Inches.
						Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.		Days.	Days.	Days.	Days.		
July	104	50	72 20/31	15th	22nd	3	4½	2	3	1	3½	4	10	West	20½	10½	11	1	Fair	7.4.7
August	98	50	68 7/31	10th	13th	8	6½	4	1½	2	2½	2½	4	North	17	14	16	—	Fair	3.3.5
September	84	34	56 18/30	9th	23rd	9½	2½	1	1½	1	4½	6½	3½	North	22	8	6		Fair	2.6.4
																				13.4.6

L. Foot Surgeon. U. S. A.

DIARY OF THE WEATHER at Fort Winnebago W.T.

for the Quarter ending the 31st *day of* December 183?.

Latitude 43½ North Longitude 12 West

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
October	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	44	74	58	60 4/6	E	NE	c	F		
2d	56	68	57	57	NE	N	c	F		
3d	48	68	44	53 2/6	N	NW	c	F		
4th	44	70	54	56 4/6	NW	NW	F	F		
5th	48	74	68	62 4/6	E	NW	F	F		
6th	58	68	36	49	NW	NW	F	F		
7th	28	54	39	42 4/6	N	SW	F	F		Frost last night – First killing frost
8th	42	58	38	44 4/6	S	NW	c	c		
9th	34	50	44	42 4/6	NW	N	F	c		
10th	34	54	38	41 4/6	N	SE	F	F		
11th	40	44	30	37 2/6	SE	SE	c	c		
12th	30	50	34	39 2/6	N	N	c	F		Frost last Night
13th	38	42	40	35 4/6	NE	S	c	c	0.0.8	Rain
14th	29	44	34	36 2/6	NW	NW	c	c		High wind & frost last night
15th	32	40	28	32	NW	NW	c	c		Light Snow
16th	24	38	23	28 2/6	NW	NE	c	F		Frost last night
17th	24	38	24	30 4/6	N	N	F	c	0.4.0	Frost & Rain with light snow
18th	36	40	34	36	NE	NE	c	c	1.0.0	Rain
19th	32	41	32	34 4/6	N	NW	c	c	0.0.1	Rain
20th	30	41	32	34 2/6	NW	NW	c	c		Frost last Night
21st	32	44	27	33 4/6	NW	NW	c	F		
22d	28	38	28	30 4/6	N	N	F	F		
23d	24	40	29	32 2/6	N	N	c	F		
24th	32	42	31	35	NW	NW	c	c		Snow Storm with Hail
25th	32	40	24	32	N	NW	c	c		
26th	28	40	27	31 4/6	NW	NW	c	c		
27th	28	40	29	32 2/6	NW	NW	F	c		
28th	28	35	22	28 2/6	NW	NW	F	c		
29th	27	38	28	31 2/6	NW	NW	c	F		
30th	30	33	24	30 2/6	NW	N	c	c		Light Snow last night
31st	16	40	32	31 4/6	N	S	F	F		
Mean.				38 30/31					1.4.9	

NOTE.—For directions, see Regulations for the Medical Department—Form 3.

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
November	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	31	50	36	38 5/6	S	NW	C	F		
2d	30	31	38	42 1/6	E	N	F	F		
3d	46	56	31	44	NW	NW	C	F		
4th	34	42	31	35 2/3	N	N	C	C		
5th	23	32	22	23 1/6	NE	N	C	C		[illegible]
6th	12	36	30	28 1/6	N	E	F	C		
7th	28	30	22	23	N	E	C	C	0.2.7	Snow T. Hinkie left
8th	6	14	-2	4 2/3	NW	NE	F	F		Fort. River closed last night
9th	-1	14	2	4 5/6	NW	NW	F	F		
10th	-2	24	21	19	NE	SE	F	F		
11th	26	34	32	32 1/6	NE	NE	C	C	0.4.5	Light snow last night snow came this day
12th	35	40	44	35 5/6	NE	E	C	C	1.0.0	Rain — Thaw —
13th	22	22	12	17	W	W	C	F		High wind last night —
14th	12	22	18	18 1/6	W	W	C	C	0.0.9	Snow at night
15th	18	22	16	17 1/6	W	W	C	C	0.1.4	High wind & snow
16th	11	20	14	14 5/6	W	W.	C	C		
17th	9	16	0	4 2/3	W	NW	C	F		
18th	2	14	3	8 1/6	NW	NW	F	F		
19th	14	22	20	20 1/6	NW	NW	C	F		Light snow
20th	24	34	24	27 4/6	NW	NW	C	F		
21st	26	40	30	32 4/6	W	NW	F	F		Thaw
22d	30	40	30	31 5/6	NW	NW	C	C		
23d	21	24	17	19 5/6	N	N	F	F		
24th	14	20	17	16 5/6	N	N	C	C		
25th	10	20	7	14	N	N	F	F		
26th	16	24	26	23 1/6	N	S.W	C	C		Light snow
27th	24	26	18	19 5/6	N	N	C	C		Light snow
28th	6	20	1	11	N	N	F	F		
29th	8	25	20	20 5/6	N	W	F	F		
30th	21	38	34	32 2/6	NW	W	C	C		
31st										
Mean.				22 13/30					1.7.7	

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
December	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	30	32	28	21⅔	W	NW	C	C	0.0.8	Snow
2d	8	10	2	4⅔	NW	S	F	C		
3d	-3	30	22	20⅔	S	E	C	C		
4th	26	28	28	24⅔	E	E	C	C	0.0.4	Snow
5th	21	12	-2	7⅔	NW	NW	C	F		
6th	2	20	20	18⅔	W	W	C	C	Light	Snow
7th	30	20	13	15⅔	NW	NW	C	C		
8th	-2	4	-3	1⅔	NW	NW	C	F		
9th	-8	4	3	3⅔	S	NW	F	N		Light Snow at night
10th	21	32	24	27⅔	NW	NW	C	F		
11th	30	44	30	29⅔	NW	NW	F	F		Snow Storm at night.
12th	5	16	13	11⅔	S	NW	F	F		
13th	21	31	24	25⅔	NW	SW	C	F		
14th	20	37	21	25⅔	SW	W	C	F		
15th	17	14	4	8⅔	S	S	C	F		
16th	8	22	17	15⅔	NE	SW	F	F		
17th	8	24	18	18	NE	NE	C	C	0.2.5	White Frost last night Snow
18th	16	23	14	17⅔	W	NW	C	C	0.0.2	Snow
19th	18	13	-3	3	W	NW	C	C		
20th	-5	35	30	23⅓	W	W	C	C		
21st	24	35	31	26⅔	NW	NW	C	C		Light Snow — high wind at night
22d	3	2	-6	-0⅔	SE	NW	C	C		High wind at night
23d	-10	-5	-6	-5⅔	NW	NW	F	F		
24th	-10	17	25	12⅔	SW	SW	C	C		
25th	12	11	0	4⅔	NW	NW	C	F		
26th	-8	11	6	2⅔	S	SW	F	C	0.0.1	White Frost last night Snow
27th	-12	10	-2	2	S	NW	F	F		
28th	3	18	10	12⅔	S	NE	C	C	0.0.3	Snow
29th	-8	4	-8	-1⅓	NW	NW	F	F		
30th	2	8	-3	2⅓	SE	S	C	F	0.0.1	Snow
31st	2	18	8	12	NE	E	C	F		
Mean.				16 14/31					0.4.1	

ABSTRACT FOR THE QUARTER.

MONTHS.	THERMOMETER.			Hottest Day.	Coldest Day.	WINDS.									WEATHER.					RAIN.
	Highest Degree.	Lowest Degree.	Mean Temperature.			N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevailing.	Fair.	Cloudy.	Rain.	Snow.	Prevailing.	Inches.
						Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.		Days.	Days.	Days.	Days.		
October	74	22	38 27/31	1st	25th	8½	15	3	½	1½	1½	½	½	NW	13	18	4	4	Cloudy	1.49
November	54	-2	22 23/30	3rd	8th	9	8½	3	1½	½	½	½	6½	N	13½	16½	2	7	Cloudy	1.77
December	40	-10	16 4/31	11th	23rd	4½	14½	2½	2	1	½	2	4	NW	12½	18½	—	11	Cloudy	.41 ~~[illegible]~~

Total of Rain in '38 27.86

~~Total 27.85~~
in the Year
3.67

L. Foot

Surgeon. U.S.A.

DIARY OF THE WEATHER at Fort Winnebago W.T.

for the Quarter ending the 31st day of March 1839.

Latitude 43½ North Longitude 12 West

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
January	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	18	26	30	27	SE	S	C	C	0.0.1	Snow
2d	32	40	32	34⅔	S	SE	C	C		
3d	30	32	28	29⅔	N	NE	C	C		
4th	28	32	28	29⅓	S	SE	C	C		
5th	29	32	30	30⅓	E	SW	C	C		Light rain with frost at night
6th	30	35	34	35⅓	S	S	C	C		
7th	16	36	27	31⅔	S	NW	C	C	0.0.4	Rain and Sleet
8th	18	35	29	29⅔	N	W	F	F		Frost last night
9th	32	42	35	37	S	S	C	F	0.1.5	Rain last night & Frost
10th	36	47	29	35⅔	S	S	F	F		Fox River open
11th	24	36	32	30	W	W	F	F		White Frost last night
12th	20	31	21	25⅓	NW	W	F	F		
13th	30	34	28	29⅔	E	NE	C	C	0.4.0	Snow and Sleet
14th	24	30	18	22	NE	N	C	C		
15th	12	27	11	15⅔	N	N	F	F		Fox River Closed
16th	0	31	24	22⅓	N	N	F	F		
17th	26	36	28	29⅔	N	W	F	C		Light snow shower
18th	21	22	12	15⅔	NW	NW	C	C		Light snow shower
19th	-4	14	10	9⅓	N	W	F	F		High wind at night
20th	14	24	17	15	W	W	C	C	0.0.1	Snow
21st	-6	10	14	10⅔	N	SW	F	F		
22d	22	38	15	18⅓	NW	NW	C	C		High wind & showers of snow at intervals
23d	5	12	10	9⅔	N	N	F	C		
24th	10	32	24	25⅓	NE	S	F	F		Light snow at night
25th	30	32	22	25⅔	W	W	C	F		
26th	16	16	6	9⅔	W	NW	F	F		
27th	-4	20	7	11⅔	N	N	F	F		
28th	21	30	21	23⅔	E	E	F	C	0.2.5	Snow Storm
29th	20	26	10	16⅔	E	NE	C	C		
30th	5	16	-2	3⅔	N	N	C	C	0.0.1	Snow
31st	-4	10	2	-0⅔	N	N	C	F		
Mean.				22 7/31					0.9.2	

NOTE.—For directions, see Regulations for the Medical Department—Form 3.

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
February	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	-16	5	-10	-8⅔	N	NW	F	F		
2d	-26	8	6	2⅔	N	NW	F	F		
3d	14	24	20	[illegible]⅔	NW	NW	C	C		
4th	-4	2	-8	-5	N	NW	F	F		
5th	-14	3	-5	-6⅔	NW	N	F	F		
6th	-13	11	11	8⅔	NW	NW	F	F		
7th	26	38	36	32⅔	NW	NW	F	F		Thaw
8th	25	38	19	22⅔	N	N	F	C		Light Snow
9th	-4	16	12	11	N	E	F	C		Light Snow
10th	14	28	22	22	S	SW	C	C		Light Snow
11th	18	32	21	24⅔	N	NW	C	C		
12th	22	38	21	27⅔	E	NW	F	F		
13th	26	40	26	31⅔	NW	N	C	F		
14th	30	37	30	30	NW	NW	C	C		Snow Showers
15th	16	45	32	32⅔	N	SE	F	C		
16th	24	37	30	30⅔	SW	N	C	C		Snow Showers
17th	24	30	20	21	N	N	C	F		
18th	2	32	21	21	N	W	F	F		
19th	18	40	34	33⅔	SE	SW	F	C		
20th	34	44	34	35⅔	E	S	C	C		
21st	22	48	34	37	NE	S	C	C		Foggy
22d	32	39	34	33⅔	N	N	C	C	0 3 5	Rain last night - Fog
23d	34	42	36	37⅔	N	N	C	C	0 1 2	Foggy—Rain last night
24th	34	40	34	35	N	N	C	C		Misty
25th	28	43	28	33⅔	N	N	C	F		Foggy at night
26th	30	40	30	32	N	N	F	C		
27th	22	34	26	26⅔	N	N	C	F		F & Rain Show
28th	16	29	20	22⅔	N	NW	F	F		Light Snow last night
29th										
30th										
31st										
Mean.				$22\frac{23}{28}$					0.4.7	

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
March	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	20	34	18	20 4/6	NW	NW	C	C	0.0.6	Snow Storm
2d	-4	12	6	4 2/6	N	NW	C	F		Fox River closed
3d	-6	10	0	2 4/6	N	N	F	F		
4th	2	26	20	17 5/10	NW	W	F	C		High wind this afternoon
5th	18	43	30	21 2/10	N	S	F	F		
6th	32	52	34	40	W	W	F	F		
7th	30	45	36	37	N	W	F	C	0.0.3	Rain Fox River open
8th	30	44	34	36	NW	W	C	F		
9th	32	30	21	25 7/10	N	N	F	F		
10th	23	34	25	27 3/10	E	E	C	C	0.0.3	Snow
11th	24	42	30	33 1/6	E	E	C	C		Hail High wind Thunder & Lightning
12th	32	46	38	38 2/6	E	E	C	C	0.0.1	at night Rain & sleet
13th	32	27	18	21 2/6	NW	NW	C	C	0.5.0	Rain last night
14th	8	26	20	19 4/10	NW	NW	F	F		
15th	15	34	32	26 3/6	N	SW	F	C	0.0.2	Snow Storm. Sleighing was [illegible]
16th	12	34	22	23	NW	N	F	F		
17th	22	35	23	25 7/10	NE	N	C	C	0.0.1	Snow
18th	24	36	26	27 2/6	N	NE	C	C		
19th	16	34	25	26	NE	N	F	F		
20th	22	34	25	29 5/10	N	NE	C	C		
21st	29	44	34	35 7/10	NE	N	C	F		
22d	26	46	34	34 4/10	NW	N	F	F		Wild ducks seen this day
23d	22	53	40	39 4/10	N	SE	F	F		Wild Geese seen this day
24th	30	36	30	31 2/10	NW	NW	C	C	0.0.3	Snow Storm
25th	26	46	38	36 4/10	NW	NW	F	F		
26th	34	60	45	47 4/10	SW	SW	F	F		Pigeons seen this day
27th	40	72	54	57 1/6	NW	NW	F	F		
28th	57	54	~~44~~	47 4/10	NW	N	C	C	0.0.2	Rain & high winds last night
29th	35	34	26	27 2/6	N	NW	C	C	0.0.5	Rain last night
30th	18	42	30	31 4/10	N	SW	F	F		Frost last night
31st	30	60	47	47 2/6	S	S	F	F		
Mean.				29 2/31					0.7.9	

ABSTRACT FOR THE QUARTER.

MONTHS.	THERMOMETER.			Hottest Day.	Coldest Day.	WINDS.									WEATHER.					RAIN.
	Highest Degree.	Lowest Degree.	Mean Temperature.			N.	N. W.	N. E.	E.	S. E.	S.	S. W.	W.	Prevailing.	Fair.	Cloudy.	Rain.	Snow.	Prevailing.	Inches.
						Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.		Days.	Days.	Days.	Days.		
January	47	-8	22 7/31	10th	23rd	8½	4	2½	2½	1½	5½	1	5½	North	14	17	2	9	Cloudy	0.9.2
February	48	-21	22 23/28	21st	2nd	13½	8½	11½	1½	1	1	1½	0½	North	13½	14½	2	5	Cloudy	0.4.7
March	72	-6	29 9/31	27th	3rd	9	9½	2½	3	1	1½	2	2½	N. West	17	14	5	5	Fair	0.7.9 2.1.8

L. Foot Surgeon. U. S. A.

DIARY OF THE WEATHER at Fort Winnebago W.T.

for the Quarter ending the 30th day of June 1839.

Latitude 43½ North Longitude 12 West

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
April	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	40	72	52	54⅔	S	S	F	F		
2d	40	70	53	54⅓	S	S	F	F		
3d	42	74	55	58⅔	S	S	F	F		
4th	48	73	54	57⅔	S	W	F	C		
5th	44	76	58	60	W	S	C	F		Foggy
6th	48	78	54	58⅔	S	SW	F	F		
7th	41	61	49	50⅓	SW	SE	F	C		Wisconsin River [illegible] flowing
8th	45	52	43	45⅔	SE	SE	C	C	0 0 4	Rain in the afternoon
9th	42	66	53	54⅓	E	E	C	C	0 2 6	Rain Wth Lightg at night
10th	46	55	45	47⅔	E	E	C	C	0 0 6	Rain
11th	32	45	42	39⅔	N	NE	C	C	1 0 0	Rain
12th	33	57	44	45	N	NE	F	F		
13th	35	63	51	50⅔	NE	NE	F	F		
14th	41	72	57	56⅔	NE	NW	F	F		
15th	42	72	52	55⅓	SE	E	F	F		
16th	41	55	47	47⅔	N	N	F	F		Swallows appear
17th	32	64	50	48⅔	N	N	F	F		
18th	35	64	50	49⅔	NE	NE	F	F		White Frost last night
19th	38	75	52	55⅔	E	E	F	F		
20th	41	70	50	53⅔	NE	N	F	F		
21st	41	71	51	54⅓	N	E	F	F		
22d	41	74	56	57⅓	E	SE	F	F	0 0 3	Light wind Rain Wth Lightg
23d	46	76	58	60⅓	SE	S	F	F	0 1 5	Rain Wth Lightg last night
24th	48	75	58	58	NW	NW	C	F		
25th	44	70	50	54⅔	N	N	C	F		
26th	44	76	62	60⅔	S	S	C	F		
27th	55	77	59	62	S	S	F	C		Light Showers during the day
28th	45	56	49	50	N	N	C	C	0 3 0	Rain Wth Lightg last night
29th	45	71	58	58	N	W	C	F		Foggy
30th	47	78	60	61⅔	N	S	F	F		
31st										
Mean.				54					1 8 4	

NOTE.—For directions, see Regulations for the Medical Department—Form 3.

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
May	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	46	70	52	55⅔	N	NW	F	F		
2d	44	46	42	41⅔	NW	NW	C	C	0.2.2	Rain & Thr.
3d	28	54	42	43	N	N	F	F		Frost last night
4th	34	56	52	48⅔	S	S	F	C	0.0.3	Rain lightg at night. High wind
5th	41	66	52	53⅔	N	NW	F	F	1.6.0	Rain Thr & lightg at night
6th	44	76	64	62⅔	SE	S	F	F	0.0.5	Rain
7th	51	67	57	58⅔	E	NE	C	F		
8th	55	74	62	62	SE	NE	C	F	0.2.0	Rain
9th	50	54	48	50⅔	NE	NE	C	C	0.2.5	Rain last night
10th	47	61	55	52⅔	E	E	C	C		
11th	46	76	61	62⅔	NE	NE	F	F		
12th	54	54	45	49	N	N	C	C	0.7.5	Rain this day
13th	42	61	48	48⅔	NW	NW	C	F		High wind
14th	32	54	44	44⅔	NW	NW	F	F		Frost last night
15th	39	54	42	45⅔	N	NW	F	F		
16th	40	57	44	47⅔	N	N	C	F		
17th	42	79	54	60⅔	N	N	F	F		
18th	53	82	60	64⅔	N	S	F	F		
19th	57	82	65	66⅔	SE	S	F	F		
20th	58	79	65	67⅔	SE	S	C	C		
21st	57	79	57	64⅔	NW	NW	F	F		
22d	56	82	67	69	S	S	C	C	0.4.0	Rain at night & lightg
23d	60	80	63	67⅔	W	S	C	F		
24th	57	64	49	56⅔	SW	SW	C	F		Light Rain a. m.
25th	45	68	53	54⅔	N	NW	F	F		
26th	42	55	45	47⅔	N	NW	C	C	0.2.5	Rain
27th	42	56	46	47⅔	N	N	C	C	0.0.2	Rain
28th	41	54	46	47⅔	N	N	C	C	0.0.1	Rain
29th	42	62	48	57⅔	W	NE	F	F		
30th	46	68	53	55⅔	NE	S	C	F	0.0.1	Rain at night
31st	44	72	57	55⅔	S	S	C	F		
Mean.				54 25/31					3.59	

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
June	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	44	76	52	58	N	S	F	F		
2d	48	70	57	56⅓	N	N	F	F		
3d	47	64	44	51⅔	N	N	C	C		
4th	46	68	46	53	N	N	F	F		
5th	44	75	54	59	N	N	F	F		
6th	52	72	56	60⅓	N	S	C	C	0.0.5	Rain
7th	53	56	55	55⅔	E	NE	C	C	0.8.0	Rain lightning at night
8th	60	72	56	61⅔	NW	NW	C	C		
9th	54	79	60	65	NW	NW	F	F		
10th	58	84	66	69 4/6	NE	NW	C	F	0.0.6	Rain A.M. lightg at night
11th	60	75	63	66⅓	NE	NE	C	C	0.9.5	Rain & lightg
12th	61	84	66	68⅔	E	E	C	C	1.0.5	Rain & lightg last night
13th	50	56	46	49⅔	N	N	C	F		
14th	44	76	56	60⅔	N	N	C	F		
15th	56	68	48	57	N	N	F	F		
16th	54	73	58	61⅔	NW	NW	F	F		
17th	54	70	55	59⅔	N	N	C	C	0.8.4	Rain Thr & lightning
18th	48	64	46	52⅔	NW	NW	F	F		
19th	46	74	59	61⅔	NW	NW	C	C		
20th	56	66	56	59⅓	NE	N	C	C	0.6.0	Rain Thr & lightg
21st	58	70	53	58⅔	N	N	F	F		
22d	46	74	54	58⅔	N	N	F	F		
23d	48	80	58	58⅔	N	E	F	C	0.0.3	Rain
24th	44	70	55	55	E	NE	F	F		
25th	54	78	64	67	NE	NE	F	F		Light shower in the afternoon
26th	64	70	61	65⅔	SE	NE	C	C	0.1.5	Rain lightg at night
27th	56	72	56	61⅓	N	N	C	F		
28th	55	80	62	66⅔	N	NE	C	F		
29th	56	82	65	65⅔	NE	SE	F	F		
30th	62	89	67	73	NE	SW	F	F		
31st										
Mean.				61					4.5.3	

ABSTRACT FOR THE QUARTER.

MONTHS.	THERMOMETER.			Hottest Day.	Coldest Day.	WINDS.									WEATHER.					RAIN.
	Highest Degree.	Lowest Degree.	Mean Temperature.			N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevailing.	Fair.	Cloudy.	Rain.	Snow.	Prevailing.	Inches.
						Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.		Days.	Days.	Days.	Days.		
April	78	30.	54	6th	18th	7	1½	8½	4½	1½	7½	1	1½	South	21	9	8	-	Fair	1.84
May	82	28.	54 35/31	22nd	3rd	9	6½	4	1½	2	6	1	1	North	17½	13½	13	-	Fair	3.59
June	89	44	61	30th	1st	13	5½	6	2½	1	1	½	½	North	17	13	9	-	Fair	4.53 9.96

L. Foot Surgeon. U.S.A.

DIARY OF THE WEATHER at Fort Winnebago W. T.

for the Quarter ending the Thirtieth day of September 1837.

Latitude 43 3/4 N. Longitude 12 West.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
July	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	64	87	74	74 2/3	S	W	F	F		
2d	62	79	58	66 1/3	SW	SW	F	F		
3d	53	70	56	58 2/3	SW	S	F	F		Light Shower in the Afternoon
4th	48	72	56	59	S	SE	F	F		
5th	50	74	56	60 2/3	S	S	F	F		
6th	53	82	59	65 2/3	SE	SW	C	F		
7th	57	84	66	69 2/3	S	S	F	F		
8th	64	92	68	74 2/3	SW	S	F	F		
9th	66	91	67	74	SE	SW	C	F		
10th	62	78	63	67	SW	SW	F	C		High wind
11th	58	72	58	62 2/3	SW	E	F	C		
12th	55	82	58	64 2/3	SW	SW	F	F		General Scott arrived
13th	54	72	56	59 2/3	S	W	F	C	0.0.2	Foggy, light Showers
14th	53	76	60	62	S	S	C	F		
15th	47	78	56	59 2/3	S	S	F	F		
16th	42	80	58	62	S	E	F	F		General Scott left
17th	54	84	66	69 2/3	SW	W	F	F		
18th	64	90	64	72	W	S	F	C	0.2.7	Rain - Thr & Lightg
19th	60	82	64	69 2/3	E	W	F	C	0.2.7	Rain Thr & Lightg
20th	66	84	66	71 2/3	S	W	C	C	0.1.7	Rain, Thr & Lightg
21st	64	90	70	75	E	S	C	F		Thr & Lightg
22d	66	84	70	73 1/3	S	S	F	F		
23d	64	85	69	73	S	S	F	C	0.1.0	Rain Thr & Lightg
24th	64	92	73	76	S	SW	C	F		
25th	62	94	74	78	S	S	F	F		
26th	70	93	68	76	NE	S	F	F		
27th	64	92	70	74 2/3	S	S	C	F		Fog on the Portage
28th	60	92	72	74 2/3	S	W	F	F		Thr & Lightg in the aftn
29th	60	89	68	72 2/3	S	S	F	F		Recruits Arrived
30th	61	84	60	68 1/3	S	S	F	F		
31st	52	78	57	61 2/3	S	S	F	F		
Mean.				68 14/31					0.8.3	

NOTE.—For directions, see Regulations for the Medical Department—Form 3.

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
August	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	48	50	63	65⅔	N	N	C	F	.	Foggy
2d	60	76	60	64⅔	N	N	F	F		
3d	54	80	61	65⅔	N	N	F	F		Fog in the Morng
4th	58	80	62	67⅔	SE	S	C	C	0.4.2	Rain. Thr & Lightg
5th	60	82	62	67⅔	N	NW	C	C	0.1.2	Rain. Thr & Lightg
6th	58	74	56	61⅔	NW	NW	C	F		
7th	53	74	63	64⅔	NW	S	F	C	0.0.1	Rain.
8th	60	75	56	61	NW	N	C	F		
9th	64	75	57	59⅔	N	N	F	F		
10th	48	77	60	64⅔	N	N	F	F		
11th	64	87	64	70	S	S	C	F	0.0.2	Rain. Thr & Lightg last night
12th	54	80	54	61	NE	NE	C	F		
13th	44	80	56	57⅔	NE	NE	F	F		
14th	42	80	59	62	N	NE	F	F		Fog in the Morng
15th	52	84	64	67⅔	NE	NE	F	F		
16th	56	84	62	66	SE	NE	F	F		
17th	48	82	62	65⅔	SE	S	C	F		Foggy
18th	56	87	64	69⅔	S	S	C	F		Foggy
19th	57	90	67	72⅔	S	NE	F	F		
20th	64	80	66	70	NE	NE	C	C	1.0.8	Rain last night Rain today
21st	64	74	64	67⅔	S	S	F	C	1.2.0	Rain Thr & Lightg
22d	66	84	68	72⅔	S	S	C	C		
23d	64	68	65	65⅔	E	E	C	C	1.4.8	Rain. Thr & Lightg at Night
24th	64	76	62	66⅔	NE	N	C	F	0.0.3	Rain
25th	60	74	65	67⅔	N	N	C	F	0.0.2	Rain. Lightg at night
26th	66	73	58	63⅔	NW	NW	F	F		
27th	52	72	50	56	NW	N	F	F		
28th	40	70	52	54⅔	N	N	C	F		Heavy Fog a.m
29th	42	72	54	57⅔	N	S	C	F		" "
30th	50	68	48	53⅔	S	E	C	F		
31st	40	72	57	54⅔	N	E	C	F		Foggy in the Morning
Mean.				64					4.3.8	

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
September	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	40	72	53	56⅔	N	S	C	F		Heavy Fog
2d	48	74	55	58⅔	E	E	C	F		" "
3d	47	76	57	60⅔	N	SE	F	F		
4th	50	76	54	60	N	N	C	F	0.0.6	Rain at night
5th	50	74	51	57⅔	N	N	F	F		
6th	46	68	54	56	N	N	F	F		
7th	46	68	64	61⅔	N	N	C	F		Lightg at night
8th	60	74	49	59	SE	NW	C	F		
9th	48	58	46	48⅔	W	W	C	C		High wind with light showers
10th	40	58	42	46⅔	W	W	F	F		" " " " "
11th	38	56	46	46	W	NW	C	C		
12th	34	55	38	42⅔	N	NW	C	F		
13th	36	64	41	50⅔	NE	SE	F	F		First Snow – Frost bad night
14th	48	54	54	52⅔	N	SE	C	C	0.8.3	Rain Storm
15th	52	44	41	49	S	NW	C	F		
16th	32	56	46	47	N	E	C	C	0.3.5	Foggy – Frost – Rain
17th	46	60	57	53⅔	N	N	C	C		
18th	40	72	55	57⅔	N	N	C	F		Fog
19th	49	78	61	63⅔	NW	S	F	F		
20th	55	80	64	67⅔	SW	SW	F	F		
21st	61	68	61	61⅔	SW	SW	C	C	0.0.2	Rain
22d	50	62	42	49⅔	NW	SW	C	F		Wild Geese appear
23d	37	68	44	50⅔	N	N	F	F		
24th	40	57	48	48	N	N	F	F	0.0.6	Rain at night
25th	35	50	36	40	N	N	C	C		Light Showers
26th	30	62	57	50⅔	N	NW	F	C		White Frost – First killing frost
27th	34	44	26	34	N	N	C	F	0.0.6	Rain last night – Snow Storm
28th	30	44	29	31⅔	N	N	C	F	0.0.5	Rain during the night
29th	31	46	26	32⅔	N	N	C	C		
30th	24	51	41	41⅔	N	N	F	F		White Frost
31st										
Mean.				51 5/30					1.4.3	

ABSTRACT FOR THE QUARTER.

MONTHS.	THERMOMETER.			Hottest Day.	Coldest Day.	WINDS.									WEATHER.					RAIN.
	Highest Degree.	Lowest Degree.	Mean Temperature.			N.	N. W.	N. E.	S.	S. E.	E.	S. W.	W.	Prevailing.	Fair.	Cloudy.	Rain.	Snow.	Prevailing.	
						Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.		Days.	Days.	Days.	Days.		Inches.
July	94	42	68 16/31	25th	16th	15	5½	1½	2	½	2	1	3½	North	24	7	6	-	Fair	0.83
August	90	40	64	19th	31st	10½	4	6	2	1½	7	-	-	North	18½	12½	10	-	Fair	4.58
September	80	24	57 5/30	20th	30th	15½	3½	0½	1½	2	2	2½	2½	North	16	14	7	1	Fair	1.03
																				6.44

Surgeon.

DIARY OF THE WEATHER at Fort Winnebago W.T.

for the Quarter ending the thirty first day of October 1839.

Latitude 43½ N. Longitude 12. West

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
October	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	39	65	44	50⅔	W	W	C	F		
2d	48	79	62	63⅔	E	S	C	F		
3d	53	80	58	62⅔	N	SW	C	F		
4th	48	78	56	61⅔	N	SE	C	C	0.3.8	Fog. Rain storm Wr. Lightg
5th	53	62	59	59	SE	SE	C	C	0.4.3	Rain storm
6th	59	70	62	63⅔	S	SW	C	C	0.4.5	Rain.
7th	58	68	58	61⅔	S	S	C	C	0.1.1	Rain.
8th	61	72	62	65⅔	S	S	C	C		
9th	62	58	50	54	S	SW	C	C	0.4.3	Rain
10th	41	49	45	46⅔	N	NE	C	C	1.2.0	Rain
11th	44	50	48	47⅔	N	NE	C	C	2.2.5	Rain
12th	46	50	48	48	N	NE	C	C		
13th	46	55	42	46⅔	N	N	C	F	0.0.1	Rain
14th	38	63	53	52⅓	N	SE	F	F		Ast. Surgeon Sanbr arrived
15th	45	65	52	55⅔	S	S	F	F		
16th	53	75	47	65	S	S	C	F		Wr. Lightg & M. Sgt. Sances
17th	53	72	64	62⅔	S	S	C	F		
18th	48	45	40	42⅔	N	N	C	C		
19th	32	34	26	30	N	N	C	F		2d. Foot Left
20th	28	40	32	33⅓	NE	NE	C	F		
21st	28	52	45	43⅔	NE	S	F	C		
22d	39	68	57	57⅔	NE	S	C	F		
23d	58	70	59	60⅔	W	SW	C	C		
24th	48	62	60	57⅔	NE	S	C	C	0.0.4	Rain – lightly in the afternoon
25th	53	72	54	60⅔	W	SW	C	F	1.8.0	Rain – lightly at night
26th	60	64	57	56⅔	S	SW	C	C		High wind
27th	47	46	42	45⅓	NE	N	C	C	0.6.1	Rain
28th	40	46	36	39	N	N	C	F		
29th	30	54	43	44⅔	N	S	F	F		Frost last night
30th	46	50	40	44⅔	W	W	C	C	0.0.3	Rain & high wind at night
31st	42	53	38	41⅔	N	N	C	C		
Mean.				53⅔					8.1.4	

NOTE.—For directions, see Regulations for the Medical Department—Form 3.

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
November	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	33	42	31	35⅓	N	N	C	C		Light Snow.
2d	32	42	36	37	N	N	C	C		
3d	34	44	34	39	E	E	F	F		
4th	44	51	42	45	E	E	C	C	0.4.0	Rain.
5th	42	44	42	41⅔	NE	NE	C	C	0.3.0	Rain – High wind during the night
6th	34	40	32	33⅓	N	NE	C	C		High wind
7th	24	46	30	32⅔	N	S	F	F		
8th	25	34	25	27	N	N	C	F		
9th	24	34	24	27⅓	N	N	F	F		
10th	18	39	33	32	N	N	F	C		
11th	30	36	34	34⅓	SE	SW	C	C		
12th	35	46	40	39⅔	S	S	C	C	0.0.7	Rain in the afternoon
13th	32	37	32	34	W	W	C	C		
14th	34	37	25	30⅔	N	N	C	F		
15th	24	36	30	29⅓	SW	S	C	F		
16th	23	40	34	34⅓	E	S	F	F		
17th	35	45	38	38⅔	W	W	F	F		
18th	24	45	32	33⅔	NW	NW	C	F		
19th	23	28	20	22⅔	N	N	F	F		
20th	14	21	14	15	N	N	F	F		
21st	6	19	12	12⅓	N	N	F	F		Fox River closed
22d	7	30	24	22⅓	N	S	F	F		
23d	30	30	28	26⅔	SW	NE	C	C	0.5.0	Snow, Fox River open.
24th	22	16	2	6⅔	NW	NW	C	C		Snow, 5 inches – Fox River closed
25th	-8	3	-6	-4⅔	N	N	F	C		
26th	-16	15	22	13	N	SW	F	C		
27th	22	36	22	26⅔	W	SW	F	F		
28th	19	38	21	26	E	E	F	F		
29th	22	39	25	28⅔	NE	E	F	F		
30th	19	36	21	25⅓	E	E	F	F		
31st										
Mean.				27 1/30					1.2.7	

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
December	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	26	36	30	30⅔	NE	N	F	C		
2d	30	31	30	30⅓	E	E	C	C		Snow
3d	32	40	32	34⅔	E	E	C	C		
4th	30	39	30	33	NE	N	C	C		
5th	30	34	30	31⅓	N	N	C	C		
6th	31	36	32	33⅓	W	W	C	C		Snow,
7th	32	39	30	33⅔	NE	N	C	C		Snow
8th	30	36	32	32⅔	W	W	C	C		Snow
9th	33	35	30	31	W	NW	C	C	0.7.0	
10th	33	32	21	28⅔	W	W	C	C		Snow
11th	22	30	20	23⅓	N	N	C	C		Snow
12th	19	28	18	19⅔	N	N	C	F		
13th	6	30	20	18⅔	N	N	F	C		Snow in the afternoon.
14th	24	30	25	25⅔	NE	NE	C	C		
15th	21	30	17	20⅔	NW	NW	C	F	0.0.3	Snow,
16th	8	30	17	12⅔	N	N	F	F		
17th	15	30	12	14⅓	N	N	C	C		Light Snow.
18th	6	20	14	12⅔	N	N	C	F		
19th	2	24	20	16⅔	N	N	F	F		
20th	8	28	20	21⅓	N	N	F	F		
21st	25	31	24	26⅔	NE	NE	C	C	0.0.2	Snow.
22d	24	29	26	26⅓	N	N	C	C		
23d	24	29	24	25⅔	N	N	F	C		
24th	23	33	24	26⅔	N	SW	C	C		
25th	20	28	24	24⅔	E	NE	C	C	0.0.1	Snow.
26th	24	30	22	22⅔	N	N	C	C		
27th	5	22	14	13⅔	N	N	C	F		Fog.
28th	14	20	15	15	NW	NW	C	C		Light Snow at intervals
29th	6	8	−4	2⅔	N	NW	C	F		
30th	−2	13	2	3⅔	N	N	C	F		
31st	−6	10	−3	3⅔	N	N	F	F		
Mean.				22⅔					0.7.6	

ABSTRACT FOR THE QUARTER.

MONTHS.	THERMOMETER.			Hottest Day.	Coldest Day.	WINDS.									WEATHER.					RAIN.
	Highest Degree.	Lowest Degree.	Mean Temperature.			N.	N. W.	N. E.	E.	S. E.	S.	S. W.	W.	Prevailing.	Fair.	Cloudy.	Rain.	Snow.	Prevailing.	
						Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.		Days.	Days.	Days.	Days.		Inches.
October	80	28	52 9/31	3rd	20th	9	0	4½	½	2	9	3	3	North	9	22	12	„	Cloudy	8.14
November	50	0 / 16	27 4/30	4th	26th	11½	2	2½	5	½	3½	2½	2½	North	16½	13½	3	2	Fair	1.27
December	40	0 / 0	22 9/31	3rd	31st	17½	3	4	2½	0	0	½	3½	North	8½	22½	„	12	Cloudy	.76
																				10.17

28.85
in the Year 59

Surgeon.

DIARY OF THE WEATHER at Fort Winnebago W. T.

for the Quarter ending the thirty first *day of* March 1840.

Latitude 43¾ N Longitude 12 West

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
January	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	2	22	17	13⅔	N	N	C	C	0.0.1	Snow
2d	14	20	13	15⅔	E	SE	C	C	0.0.2	Snow
3d	14	26	15	18	S	SE	C	C	0.0.2	Snow
4th	12	30	20	20⅔	E	E	C	C		
5th	22	32	24	26⅔	E	E	C	C	0.0.2	Snow. Thaw at noon
6th	23	32	24	26⅓	N	N	C	C	0.0.1	Snow. thaw " "
7th	2	30	22	21⅓	N	N	C	C		Fog.
8th	22	32	24	26	N	N	C	C		Wm. O'Donnell found frozen while in a state of intoxication
9th	23	36	31	30	NW	NW	C	C		
10th	34	40	25	33	E	E	C	C	0.2.4	Fog and gentle Thaw, Rain,
11th	22	18	17	19	N	N	C	C		High wind last night
12th	16	28	23	22⅓	N	W	C	F		
13th	16	18	16	16⅔	W	NW	C	C		
14th	17	16	0	11	NE	NW	C	F		
15th	4	−8	−16	−6⅔	NW	N	F	F		
16th	−25	1	−5	−9⅔	N	NE	F	C		Snow. A. M.
17th	−18	5	2	−3⅔	N	SE	F	F		
18th	−12	10	5	1	N	W	F	F		
19th	15	31	24	23⅓	W	NW	C	F		High wind last night
20th	19	34	23	25⅓	W	S	F	F		
21st	18	27	24	23	NW	E	C	C		
22d	24	20	2	9⅔	W	W	C	C		Hail Storm. High wind
23d	−11	−8	−13	−10⅔	NW	N	C	F		
24th	−17	−1	−11	−9⅔	N	N	F	F		
25th	−18	4	0	−4⅔	N	NE	F	F		
26th	4	22	11	12⅓	NE	NW	C	C		Snow
27th	4	18	10	10⅔	N	NE	C	C		" in the afternoon
28th	13	23	13	16⅓	NW	N	C	C		
29th	11	18	12	13⅔	N	N	C	C		
30th	13	13	2	9⅓	W	W	C	C	0.5.0	Snow Storm
31st	−18	7	−2	−4⅓	N	N	C	F		" "
Mean.				12¾					0.8.2	

NOTE.—For directions, see Regulations for the Medical Department—Form 3.

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
February	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	-22	6	4	-0⅔	S	W	3	3		
2d	6	17	5	7⅔	SW	S	6	3		
3d	0/0	16	8	5⅓	S	W	3	3		
4th	0/8	17	9	18⅔	S	S	3	3		
5th	28	38	34	33⅓	S	S	6	6	0.2.5	Rain at night.
6th	34	25	14	23⅔	S	W	6	6		High wind & Rain.
7th	22	38	32	30⅔	SW	SW	6	6		Sleet & Rain Thaw.
8th	22	44	32	34	E	E	3	3		
9th	30	30	20	26	E	E	6	6	0.0.2	Snow.
10th	14	28	14	18⅔	S	SE	3	3		Mr Black left for St. [illegible] [illegible] Balloon [illegible] [illegible] [illegible] & [illegible] [illegible]
11th	21	34	24	26⅓	E	SE	6	3		
12th	30	32	32	31⅓	SE	NW	6	6		
13th	9	20	16	15	SE	N	3	6		Snow & high wind
14th	16	22	8	15⅓	NE	S	6	6	0.4.0	High wind & intense [illegible]
15th	0/3	24	12	11	S	NE	3	6		
16th	18	37	20	25	NW	NW	6	3		
17th	[illegible]	42	32	30⅔	S	E	3	3		
18th	32	37	34	34⅓	E	S	6	6		Mist.
19th	33	44	30	35⅔	S	S	6	6	0.3.0	Rain.
20th	25	34	20	26⅓	N	N	6	3	0.2.0	Snow.
21st	24	42	32	32⅔	SE	SE	3	3		
22d	30	30	25	28⅓	E	NE	6	6		Snow & Hail
23d	21	19	1	8⅔	W	S	6	6		High wind
24th	0/11	14	0	3⅔	S	S	3	3		
25th	6	24	23	20	S	NE	6	6		
26th	20	30	24	25	NE	SE	6	6		
27th	25	42	28	31⅔	NE	W	6	3		
28th	32	50	34	40⅔	W	E	3	3		
29th	42	54	40	45⅓	W	SE	6	3		Rain 10 & 11 o'c P.M.
30th										
31st										
Mean.	-	-	-	23⅔					1.1.7	

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
March	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	32	51	38	40⅓	S	SE	C	F		Frogs Wild Ducks appear.
2d	34	48	34	38	N	N	C	F	0.2.5	Rain, this morning ...
3d	28	62	43	45⅓	S	SW	F	F		White frost last night
4th	36	45	37	37⅔	W	W	F	F		Black birds appear
5th	26	48	44	39⅓	W	NW	F	F		
6th	28	45	36	37⅔	SW	W	F	F		
7th	30	36	24	28⅔	S	N	F	F		
8th	22	49	35	35⅓	W	W	F	F		
9th	27	50	40	36⅔	S	W	F	F		
10th	14	24	14	17	S	S	F	F		
11th	12	30	18	21⅓	W	W	F	F		
12th	20	34	24	23⅓	NW	S	C	F		
13th	24	42	26	30⅔	S	SW	C	F		Fog, Hoar Frost
14th	24	26	24	24⅔	SE	NE	C	C		Snow Storm.
15th	24	37	30	31⅓	NE	W	C	C		
16th	29	46	30	34⅔	SE	SW	C	F		
17th	26	48	30	34⅔	NE	NE	F	C		Snow & Rain.
18th	35	42	27	32	S	E	C	C		Snow Storm in the afternoon
19th	29	42	20	28⅔	S	NE	C	C		High wind.
20th	8	22	13	14⅓	NW	N	F	F		
21st	15	29	16	20⅓	S	N	F	F		
22d	22	38	23	28	E	E	C	C		Snow Storm.
23d	24	36	30	30⅔	NE	S	C	C		
24th	28	39	34	33⅔	S	NE	C	F		
25th	29	42	29	33⅓	S	S	F	F		
26th	26	52	40	39⅓	S	E	F	F		English Snipe appear
27th	27	42	33	34⅓	S	NE	F	C		
28th	29	30	29	29⅓	NE	NE	C	C	0.2.3	Snow Storm.
29th	35	48	26	35⅔	S	NE	C	F		
30th	26	36	21	27⅔	S	S	C	C		Snow Showers at intervals
31st	23	39	27	29⅔	S	S	C	C		Snow in A.M.
Mean.	–	–	–	31 16/31					0.4.8	

ABSTRACT FOR THE QUARTER.

MONTHS.	THERMOMETER.			Hottest Day.	Coldest Day.	WINDS.									WEATHER.					RAIN.
	Highest Degree.	Lowest Degree.	Mean Temperature.			N.	N. E.	N. W.	E.	S. E.	S.	S. W.	W.	Prevailing.	Fair.	Cloudy.	Rain.	Snow.	Prevailing.	Inches.
						Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.		Days.	Days.	Days.	Days.		
January	46°	23°	12 8/31	10th	16th	12	2	4	4	1½	1½	1½	4½	North	9	22	1	10	Cloudy	0.82
February	54°	22°	23 2/29	29th	4th	4½	1	6	5	2½	3½	2	4½	N. East	13	16	4	5	Cloudy	1.17
March	52°	8°	31 15/31	26th	20th	11½	3	5	2	1	1	2½	5	North	17½	13½	1	7	Fair	0.45
																				2.44

Surgeon.

DIARY OF THE WEATHER at Fort Winnebago W. Terry

for the Quarter ending the Thirtieth day of June 1840.

Latitude 43¾ N. Longitude 12. West

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
April	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	26	44	28	32⅔	N	NE	F	F		
2d	30	54	48	47⅓	SW	S	C	C		High wind.
3d	40	62	40	47⅓	SW	W	C	C		" "
4th	31	50	44	41⅔	N	NW	F	F		" "
5th	30	48	38	38⅔	N	E	C	F		
6th	25	40	26	30⅓	N	N	F	F		
7th	27	44	30	33⅔	N	NE	C	F		
8th	26	56	34	38⅔	N	E	C	F		Swallows appear
9th	38	68	55	53⅔	E	SE	F	C	0.2.3	Rain – Thr & Lightg commen'd 1 P.M.
10th	48	64	44	52	S	NE	C	C		Fog on the Portage – Rain in the afternoon
11th	40	44	38	40⅔	N	NE	C	F		Rain at night – Snow –
12th	30	40	30	33⅓	N	N	C	F		
13th	30	54	45	44⅔	E	S	F	C	0.1.0	Rain at night – High wind
14th	44	56	39	46⅓	S	E	F	F		
15th	27	60	44	43⅔	N	SE	C	F		Meadow larks appear.
16th	52	74	56	60⅔	SW	S	F	C		Rain – Thr & Lightg
17th	57	54	38	49⅔	S	N	C	C		
18th	32	45	30	35⅔	N	SW	F	F		
19th	30	46	30	35⅓	N	N	F	F		
20th	31	60	44	45	N	S	F	F		
21st	41	66	58	55	SE	S	F	C	0.9.0	Rain – Thr & Lightg
22d	56	71	40	60	S	S	C	C	0.2.0	" "
23d	42	66	52	53⅓	N	S	F	F		
24th	42	80	62	61	NE	E	C	F		
25th	40	56	36	44	NE	E	C	C	0.0.8	Rain last night
26th	30	64	32	42	N	N	C	F		
27th	28	71	36	45	N	N	F	F		
28th	32	66	40	46	N	SE	F	F		
29th	33	66	41	46⅔	N	W	F	F		
30th	43	60	34	45⅔	W	W	C	F		
31st										
Mean.	–	–	–	44 21/30					1.4.6	

NOTE.—For directions, see Regulations for the Medical Department—Form 3.

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
May	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	36	66	40	47⅓	NW	W	C	F		
2d	48	74	60	60⅔	W	S	F	F		
3d	40	60	57	53	S	S	C	C	0.35	Rain & high wind
4th	36	58	42	44	S	S	F	F		
5th	32	60	44	46⅔	S	S	F	F		white frost last night
6th	40	70	42	50⅔	E	E	C	F		
7th	40	60	36	44	E	E	C	C		
8th	32	44	42	40⅔	N	E	C	C	0.4	Snow Storm last night
9th	40	50	36	41⅔	S	S	C	C		
10th	36	64	42	47	S	S	C	F		
11th	34	64	46	48⅓	S	S	F	F		
12th	38	74	52	56	SE	S	F	F		
13th	46	71	56	57⅔	S	W	F	C	0.15	Rain A.M.
14th	56	78	61	65	SW	SW	C	F		
15th	56	84	63	67⅔	S	SE	F	F		Sl. Lightng A.M.
16th	61	82	67	70	S	SW	F	F		Col. Atkinson Arrived.
17th	61	84	66	69⅔	SW	SW	F	F		Co. A. 13 V.I.
18th	58	82	63	67⅔	S	SW	F	F		
19th	67	84	67	72⅔	N	S	C	C	0.90	Rain
20th	72	82	64	72⅔	SW	S	C	C		
					E	SE	F	S		8th Regt. N.Y. arrived
21st	54	70	50	58	SE	SE	C	C		
22d	58	64	52	58	S	S	C	C	0.20	Rain
23d	52	70	50	57⅓	NE	NE	C	C	0.40	Rain—
24th	52	74	60	61⅔	NE	NE	C	F		
25th	52	69	54	58⅓	-	-	F	C		
26th	56	73	60	63	W	-	C	F		
27th	52	84	62	66⅔	NE	NE	F	F		
28th	56	78	57	63⅔	NE	-	F	F		
29th	56	87	66	69⅔	-	-	F	F		
30th	54	87	69	71⅔	-	-	F	F		
31st	64	88	70	73⅔	-	-	F	F		
Mean.				59⅔					2.03	

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
June	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	60	80	60	66⅔	SW	W	F	C	- - -	Rain
2d	55	78	55	62⅔	〃	〃	C	F	0.0.9	〃 last night & Lightg
3d	56	70	54	59	SW	W	C	C	0.7.0	〃 & Thunder
4th	50	78	60	62⅔	W	〃	F	C	0.3.0	〃 & Lightg last night
5th	60	81	55	65	SE	S	C	C	0.3.0	〃 〃 & Thr
6th	52	76	54	60⅔	S	S	C	F	- - -	〃
7th	56	72	54	60⅔	S	SE	F	F	- - -	Winnebagoes emigrated
8th	50	76	60	62	S	S	F	F	- - -	from the Portage & coming
9th	58	76	56	63⅓	SE	S	F	F	- - -	from the 5th to 12th
10th	56	80	64	66⅔	SW	S	C	F	- - -	
11th	66	93	66	75	S	S	F	C	- - -	Rain — Thr & Lightg
12th	60	76	58	64⅔	S	S	F	C	0.8.2	〃 〃
13th	54	68	50	57⅓	N	N	F	F		
14th	60	70	56	62	N	N	F	F		
15th	62	76	58	64	E	E	F	F		
16th	54	78	60	64	N	N	C	F		
17th	52	77	61	63⅓	N	N	F	C	0.1.3	Rain & Thr
18th	50	74	56	60	NE	NE	F	F		
19th	52	86	65	67⅔	〃	S	F	F		
20th	56	80	64	66⅔	E	SE	F	F		
21st	54	72	56	60⅔	N	NE	F	F		
22d	50	76	60	62	NE	NE	F	F	4th Regt left — except 2 Comp	
23d	58	81	64	67⅔	NE	〃	F	F		
24th	62	84	66	71	S	SE	F	F		
25th	66	74	70	70	NE	NE	C	C	0.7.0	Rain
26th	68	86	68	73⅓	〃	〃	〃	〃	0.4.6	〃
27th	66	88	69	74⅓	W	W	F	C	0.1.8	Rain — Thr & Lightg & very high wind at night
28th	70	82	64	69⅔	SW	〃	〃	F		
29th	56	84	66	68⅔	SW	〃	〃	〃		
30th	46	71	55	58	N	N	C	C	0.0.8	Rain
31st										
Mean.				65⅔					3.7.1	

ABSTRACT FOR THE QUARTER.

MONTHS.	THERMOMETER.			Hottest Day.	Coldest Day.	WINDS.									WEATHER.					RAIN.
	Highest Degree.	Lowest Degree.	Mean Temperature.			N.	N. W.	N. E.	E.	S. E.	S.	S. W.	W.	Prevailing.	Fair.	Cloudy.	Rain.	Snow.	Prevailing.	Inches.
						Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.		Days.	Days.	Days.	Days.		
April	80	20	44 21/30	24th	1st	1½	1½	2½	3	1½	8½	2½	2	North	17½	12½	7	-	Fair	1.46
May	88	32	59 3/31	31st	8th	5½	½	5½	½	3	4	3½	2	N. East	19	12	5	-	〃	2.03
June	98	41	65 10/30	11th	30th	8½	1	1	1½	2	4½	1	5½	North	19½	10½	10	-	〃	3.71
																				7.20

Surgeon.

DIARY OF THE WEATHER at Fort Winnebago W.T.

for the Quarter ending the 30th day of September 1840.

Latitude 43½ N Longitude 12. West

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
July	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	50	71	50	56⅔	N	N	C	F		
2d	46	64	54	55⅓	N	N	F	F		
3d	40	71	54	54⅔	NE	NE	F	F		Fog on the Portage
4th	46	74	58	60⅔	NE	NE	F	F		
5th	50	74	56	61	NE	NE	C	F		
6th	56	64	60	60	NE	NE	C	C	0.4.0	Rain - afternoon
7th	56	69	56	60⅓	N	N	C	C		
8th	56	74	58	62⅔	N	N	C	F	0.2.4	Rain Meridian
9th	56	84	66	68⅔	N	N	F	F		Fog on the Portage
10th	56	88	72	72	N	N	F	F		
11th	60	89	66	71⅔	S	SE	F	F		
12th	64	84	60	69⅓	SE	SW	F	C	3.0.0	Rain - Thr. & Lightg P.M.
13th	63	74	69	68⅔	SW	S	C	F		
14th	62	64	64	70⅔	NW	N	C	F	0.1.5	Rain - Morning
15th	64	87	67	72⅔	NE	E	F	C	1.5.0	Rain - Thr. & Lightg during the Morning
16th	64	80	70	71⅓	N	NW	C	F	0.0.5	
17th	67	80	64	70	SW	S	F	F		
18th	65	84	60	68⅓	S	SW	F	F		Co. K 8th Infy left
19th	57	72	60	63⅓	N	N	F	F		
20th	60	80	64	67	N	NW	F	F		
21st	54	86	69	69⅔	N	SW	F	F		Fog
22d	64	74	64	66⅔	SW	S	C	F		
23d	61	72	72	68⅓	N	NW	F	F		
24th	58	82	72	69⅔	NW	N	F	F		Fog - Rain in the afternoon
25th	60	76	64	66⅔	E	E	F	C		
26th	65	84	70	72	E	E	F	F		
27th	64	92	64	73⅓	NE	NW	C	C	1.1.10	Fog Rain in the ~~afternoon~~ ~~evening~~ Thr. & Lightning
28th	64	76	64	68	SW	NW	F	F		
29th	64	78	58	66⅔	SW	NW	F	F		
30th	62	72	68	65⅔	N	S	C	C	0.1.7	Thr. & Lightning and in the afternoon
31st	52	70	66	63	N	N	F	C	0.1.5	~~evening~~
Mean.				66⅔					6.7.8	

NOTE.—For directions, see Regulations for the Medical Department—Form 3.

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
Aug	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	54	55	68	68⅔	NE	NE	F	C	0.1.0	Dense Fog A.M.
2d	62	85	64	70⅓	S	NE	C	F		Showers at intervals
3d	54	82	72	69⅓	NE	S	F	C		High Wind
4th	[illegible]	72	58	61⅔	N	NW	C	F		
5th	55	76	58	63	S	NW	C	F		
6th	52	76	60	62⅔	NW	N	F	F		
7th	46	68	52	55⅓	N	N	F	F		
8th	55	72	60	62⅓	N	N	F	F		
9th	48	81	62	63⅔	S	S	F	C		Rain in the afternoon
10th	61	78	64	67⅔	N	S	F	C	0.1.6	Showers at intervals
11th	56	74	66	64⅔	N	NW	C	F	0.1.8	" "
12th	50	75	55	60	N	NW	C	F		
13th	55	70	53	59⅓	N	N	F	F		
14th	46	68	52	55⅓	N	N	F	F		
15th	50	74	60	62⅔	W	S	F	F		
16th	54	76	62	64	S	N	F	F		
17th	55	84	69	69⅓	N	SW	F	F		Dense Fog. A.M.
18th	62	82	70	71⅓	S	SW	F	F		
19th	64	86	74	74⅔	W	W	F	F	0.0.5	Rain Thunder & Lightning.
20th	65	76	64	68	W	N	C	F	0.0.6	Rain night " " A.M.
21st	55	75	66	65⅓	E	N	C	F	0.2.6	Dense Fog & Showers
22d	63	68	60	63⅔	N	NE	F	F	0.1.5	Showers last Night
23d	50	75	63	62⅔	S	N	F	F		
24th	50	72	64	62	N	NE	F	F		
25th	50	76	65	63⅔	E	S	F	F		
26th	62	68	67	65⅔	S	W	C	C	0.5.5	Rain Thunder & Lightning A.M.
27th	64	78	68	70	N	W	C	F	1.4.0	Rain Thunder & Lightning A.M.
28th	57	80	64	67	N	W	F	F	0.2.0	Rain in the night.
29th	58	76	66	66⅔	NE	W	F	F		
30th	64	70	56	63⅓	N	N	F	F	0.0.3	
31st	52	68	56	58⅔	N	N	C	F		
Mean.				64					3.4.7	

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
Sept.	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	53	65	58	56	E	W	F	C	0.2.8	Rain P.M.
2d	42	58	48	49⅓	N	N	C	C		
3d	42	62	55	50⅔	N	N	F	F		Dense Fog A.M.
4th	37	64	56	5[illegible]⅓	N	NE	C	F		
5th	43	65	55	56⅔	E	N	F	F		
6th	48	72	65	65⅔	E	N	F	F		
7th	52	76	64	63⅔	S	SE	F	C		
8th	50	67	58	58⅓	N	N	F	F		
9th	52	64	52	57	N	N	F	F		
10th	38	56	48	47⅓	NE	N	F	F		
11th	34	62	48	48⅔	N	E	F	F		
12th	35	67	57	56	E	S	F	F		
13th	55	68	59	58⅔	E	E	F	F		
14th	42	72	60	61⅓	E	S	F	F		
15th	50	63	60	57⅔	SE	SW	C	C	0.0.3	R. A.M.
16th	55	76	54	59⅔	SW	N	C	C	0.1.1	Fog a.m. R. P.M.
17th	40	55	43	45⅔	NE	N	C	F	0.5.5	R. last night
18th	38	65	51	52	N	N	F	F		
19th	42	70	53	57	NE	N	F	F		
20th	44	62	50	49⅔	N	NE	F	F		Fog a.m.
21st	28	54	45	43⅔	NE	NE	F	F		
22d	30	65	50	50⅔	E	N	F	F		
23d	35	70	54	52⅔	E	E	F	F		
24th	31	74	61	55⅓	E	S	F	F		
25th	54	73	68	66⅔	S	SE	F	C		
26th	64	72	54	58⅔	W	N	C	F	0.5.0	
27th	34	62	52	49⅓	NE	N	F	F		
28th	36	64	52	52⅔	E	E	F	F		
29th	46	54	55	50⅔	W	E	C	C	0.2.0	R. A.M.
30th	45	52	50	50⅔	NE	E	C	C	0.0.2	R.
31st										
Mean.				$51\frac{5}{5}$					1.45	

ABSTRACT FOR THE QUARTER.

MONTHS.	THERMOMETER.			Hottest Day.	Coldest Day.	WINDS.									WEATHER.					RAIN.
	Highest Degree.	Lowest Degree.	Mean Temperature.			N.	N. W.	N. E.	S.	S. E.	E.	S. W.	W.	Prevailing.	Fair.	Cloudy.	Rain.	Snow.	Prevailing.	Inches.
						Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.		Days.	Days.	Days.	Days.		
July	92	40	66 7/31	27th	3rd	11	4½	5½	2½	1	2	4	½	N.W. & North	22½	3½	7	"	Fair	0.3.9.
August	89	46	64 7/31	2nd	7th	14½	3	2	1	½	5	1	4	N.W. North	24	7	11	"	"	2.4.7
September	76	28	52	25th	21st	11	"	4½	8	1	2½	1½	1½	N&E	22	8	6	"	"	1.45 4.3.1

2)132
66

89
46
2)135
67½

Surgeon.

DIARY OF THE WEATHER at Fort Winnebago

for the Quarter ending the 31st day of December 1845.

Latitude 43¾ N. Longitude 12 West

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
October	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	55	66	55	59 2/10	E	NE	C	F		Rain
2d	58	38	50	36 6/10	E	W	C	C	1.3.0.	Rain A.M. Snow Storm P.M.
3d	26	56	48	47	NE	N	F	C		Ice on water tubs one ½ inch and
4th	45	66	60	56	NE	N	F	F	.	tops of Houses covered with snow
5th	36	62	52	47 7/10	NE	NE	F	F		
6th	34	64	54	51	NE	E	F	F		
7th	40	72	60	59 7/10	E	S	F	F		
8th	51	64	55	58 4/10	E	E	F	F		
9th	44	50	48	45	E	E	C	C		Rain A.M. at Noon
10th	48	60	58	54 7/10	E	E	C	C	0.9.0.	R. ,, ,,
11th	54	44	41	44 7/10	N	N	F	F		
12th	32	59	55	48 1/10	N	W	F	F		
13th	39	62	56	51 7/10	W	N	F	F		
14th	35	52	46	43 1/10	NE	NE	F	F		
15th	38	51	42	41 3/10	NE	E	F	F		
16th	34	48	45	44 7/10	E	E	F	C	0.3.0	Rain P.M.
17th	48	62	59	57 9/10	NE	E	C	C	0.7.0	Rain A.M.
18th	55	61	53	55 7/10	W	NE	C	C	0.2.0	,, ,, ,, ,, Also light last night
19th	39	47	41	41 7/10	N	NW	C	F	0.6.0	R. Also light last night
20th	35	53	52	47 7/10	W	NE	F	F		
21st	38	55	48	43 8/10	W	N	C	F	0.0.3	R. last night.
22d	46	64	58	53 3/10	W	N	C	F		Rain.
23d	30	32	30	27 7/10	N	N	F	F		
24th	24	26	24	24	N	N	F	C		Light Snow
25th	20	28	22	21 7/10	N	N	C	F		Snow.
26th	8	28	25	23	N	W	F	F		
27th	24	42	33	34	W	N	F	F		
28th	30	38	31	32	N	NW	F	F		
29th	24	34	27	27 7/10	NE	NE	C	F		Snow
30th	20	42	30	31	NE	S	F	F		
31st	22	54	40	42 2/10	N	E	F	F		
Mean.				42 23/31					4.0.3	

NOTE.—For directions, see Regulations for the Medical Department—Form 3.

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
November	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	44	62	47	50⅔	W	NW	F	F		
2d	40	60	46	49⅓	SW	NW	F	F		
3d	47	51	45	47	W	NE	C	C	0.0.3	Rain
4th	43	52	46	46⅔	NE	S	F	F		
5th	41	50	45	45⅓	E	E	F	F		Dense Fog.
6th	38	61	52	50⅓	E	E	F	F		
7th	45	43	45	44⅓	NE	E	F	C		Rain P.M.
8th	38	42	35	38	NW	N	C	F	0.2.0.	Rain last night lightning
9th	24	48	35	35⅔	NE	NE	F	F		
10th	40	49	48	45⅔	E	E	F	C	0.0.1.	Rain P.M.
11th	46	42	42	43⅓	E	N	C	C	0.2.0	Rain
12th	31	42	24	31⅔	N	N	C	F	0.1.0	Rain last night
13th	25	35	30	24⅔	N	NW	F	F		
14th	22	29	20	23⅔	NE	N	F	C		Light Snow.
15th	10	25	20	17	N	N	C	F		" "
16th	7	22	11	14⅓	N	N	F	F		
17th	12	19	17	16	N	N	F	F		
18th	14	22	19	19	N	N	F	F		
19th	15	28	15	20⅓	N	W	F	F		
20th	20	22	23	22⅓	NW	W	F	C	0.1.0.	Snow.
21st	23	30	28	27	E	E	C	C	1.5.0	"
22d	27	23	22	24	E	NE	C	C	0.6.5	Snow slight wind
23d	23	30	25	25⅔	N	N	C	C	0.4.0	"
24th	22	28	20	23⅓	N	N	F	F		
25th	17	23	16	17⅔	NE	W	F	F		
26th	9	23	20	17⅓	N	NE	F	C		Light Snow
27th	10	33	25	22⅔	W	N	C	F		" " A.M.
28th	20	28	25	24⅓	NW	E	F	F		
29th	20	30	22	24	NE	N	C	C		Light Snow
30th	10	4	-5	3	N	N	F	F		High Wind
31st										
Mean.				29 22/30					2.4.8	

6

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
December	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	-4	16	13	11 2/6	NE	S	F	F		
2d	14	36	16	22	W	S	F	F		
3d	14	6	-6	1 1/6	NE	S	F	F		
4th	-7	15	-0	4 5/6	N	NE	F	F		
5th	6	23	16	15 2/6	NE	E	F	F		
6th	13	22	20	20	NE	S	F	F		
7th	23	30	28	26 1/2	S	S	F	C		Snow this evening
8th	19	36	25	27 1/6	S	N	C	F		
9th	23	39	26	28 3/6	N	N	F	F		
10th	16	30	18	19 1/6	N	N	F	F		
11th	3	31	20	18 3/6	N	W	F	F		
12th	6	30	29	25	NE	NW	F	F		Dense Fog
13th	26	34	31	31	NW	W	F	F		
14th	30	38	30	32 1/6	NW	N	C	C	0.0.3	Rain last night
15th	30	30	14	20	NE	N	C	F		Snow " "
16th	2	20	16	11 5/6	N	N	F	F		
17th	-3	3	-4	-5 5/6	N	N	F	F		
18th	-9	-2	-9	-7 0/6	N	N	F	F		
19th	-14	10	10	7	N	NW	F	F		
20th	16	15	9	15 5/6	NW	NE	F	F		Light snow last night
21st	22	34	27	26 3/6	W	NW	F	F		High wind
22d	14	22	6	14 4/6	N	N	F	F		
23d	18	31	24	23	W	N	F	F		
24th	10	16	10	13 5/6	E	NE	F	F		
25th	18	32	12	20 4/6	W	W	F	F		
26th	18	22	13	16 3/6	N	W	C	F		Snow
27th	11	24	12	16 5/6	NE	N	F	F	0.0.2	Light snow last night
28th	15	36	24	26 1/6	W	NE	F	F		
29th	19	16	12	15 1/6	NE	NE	F	F		
30th	4	9	3	4 3/6	SE	N	F	F		
31st	-0	22	5	10 2/6	W	N	F	F		
Mean.				16 5/31					0.0.5	

ABSTRACT FOR THE QUARTER.

MONTHS.	THERMOMETER.			Hottest Day.	Coldest Day.	WINDS.									WEATHER.					RAIN.
	Highest Degree.	Lowest Degree.	Mean Temperature.			N.	N. E.	E.	S. E.	S.	S. W.	W.	N. W.	Prevailing.	Fair.	Cloudy.	Rain.	Snow.	Prevailing.	Inches.
						Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.		Days.	Days.	Days.	Days.		
October	72	8	$43\frac{27}{31}$	7th	26th	10	1½	6½	7½	½	½	½	4	North	21½	9½	7	2½	Fair	4.03
November	62	5°	$24\frac{3}{30}$	1st	30th	12	3	4½	6	¼	½	¼	3	North	19½	10½	4	6½	Fair	2.03
December	39	$\frac{0}{14}$	$16\frac{3}{31}$	9th	19th	13½	3½	6½	1	0	2	0	4½	North	25	5	1	2	Fair	0.05
																				6.56

[illegible] 22. 94
in the [illegible]

C. H. Laub Ast Surgeon.

DIARY OF THE WEATHER at Fort Winnebago W.T.

for the Quarter ending the 31st *day of* March 1841.

Latitude 43¾ N. Longitude 12 west.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
January	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	7	28	9	10 2/6	W	[illegible]	F	F		
2d	-15	-9	-13	-11 1/6	N	N	F	F		
3d	-25	-0	-15	-13 2/6	N	N	F	F		
4th	-24	-6	-9	-8 5/6	N	NE	F	F		
5th	2	13	10	9 5/6	S	N	C	C	0. 0. 5	Snow
6th	10	19	14	13 5/6	N	NE	C	F		
7th	7	18	2	6 2/6	NE	N	F	F		
8th	-9	12	11	10	N	E	F	F		
9th	23	29	24	25 5/6	SE	SW	F	F		
10th	22	38	24	28	NW	NE	C	F	0. 0. 4	Snow
11th	22	25	22	20 5/6	NE	N	F	F		
12th	8	15	-2	4	NW	NW	F	F		
13th	-16	9	10	6 2/6	SW	NE	F	F		
14th	16	29	22	22 2/6	SE	NE	C	F	0. 0. 3	Snow Last Night
15th	18	27	17	13 5/6	SW	S	C	F		
16th	3	-3	-16	-13 5/6	NE	N	C	F		Light Snow & high wind
17th	-29	-16	-25	-22	NE	NE	F	F		
18th	-21	-0	-10	-9 1/6	N	NW	F	F		
19th	-1	11	4	8 2/6	E	E	F	C	0. 0. 6	Snow P.M.
20th	6	19	15	12 4/6	S	E	C	S		Snow A.M.
21st	6	27	13	16 1/6	NW	NE	F	F		
22d	14	34	30	25 2/6	S	S	F	F		
23d	14	28	25	24 2/6	N	W	F	F		
24th	26	35	19	21 1/6	W	W	F	F		
25th	13	30	25	25 1/6	N	E	F	F		
26th	22	39	20	28	E	N	F	F		
27th	28	29	22	25 2/6	N	NE	F	F		
28th	10	37	18	25 1/6	N	S	F	F		
29th	21	30	23	19 2/6	SW	S	F	F		Light Hail Storm A.M.
30th	15	23	28	20 4/6	S	NW	F	F		High Wind P.M.
31st	28	40	29	25	NW	NW	F	F		
Mean.				24 [illegible]					01.8	

NOTE.—For directions, see Regulations for the Medical Department—Form 3.

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
February	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	14	16	16	15⅓	N.	S.W.	F.	C.		
2d	11	26	10	15⅔	N.W.	N.W.	F.	F.	—	High winds
3d	-6	16	5	5	N.W.	N.W.	F.	F.	—	High winds
4th	8	21	12	13⅔	N.E.	E.	C.	C.	—	Snow P.M.
5th	15	12	1	9⅓	N.W.	N.W.	C.	F.	0.1 3.	Snow last night
6th	-12	14	8	3⅓	S.	N.	F.	F.		
7th	2	16	5	7⅔	W.	N.	C.	F.		
8th	7	18	16	13⅔	N.	N.	C.	C.		Snow P.M.
9th	4	4	-10	-⅔	W.	N.W.	F.	F.	0.0 7	Snow last night
10th	-18	-2	-10	-10	W.	N.W.	F.	F.	—	High winds P.M.
11th	-15	0	-6	-7	N.W.	N.W.	F.	F.		" "
12th	-4	-1	-2	-2⅓	N.W.	N.W.	C.	F.		" " "
13th	-6	11	4	3	N.	N.	C.	C.	0.0 6	Snow
14th	-5	18	5	6	N.W.	N.W.	F.	F.		
15th	-12	21	16	8⅓	N.	N.W.	F.	C.		
16th	13	38	34	28	S.	N.W.	F.	F.	— —	High winds P.M.
17th	11	20	11	14	N.	N.W.	F.	F.		
18th	10	40	32	27⅓	S.E.	N.W.	F.	F.		
19th	25	24	22	23⅔	N.	N.	F.	F.		
20th	18	48	34	33	S.	W.	F.	F.		
21st	26	35	28	29⅔	N.	N.	F.	F.		
22d	27	48	45	40	S.	W.	F.	F.		
23d	17	23	14	18	N.	N.	C.	F.		
24th	6	28	26	20	N.	W.	F.	F.		High winds P. M.
25th	20	21	27	22⅔	N.W.	N.	F.	F.		The river open
26th	10	36	28	24⅔	N.	W.	F.	F.		High winds P. M.
27th	26	24	26	25⅓	S.W.	N.W.	F.	F.		" "
28th	22	34	24	26⅔	S.W.	N.W.	C.	F.	0.1 7.	Snow A. M.
29th										
30th										
31st										
Mean.				15⅔					0.4 3	

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
March	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	25	35	16	18⅔	NW	NW	C	F		Snow this morning
2d	-2	24	17	15⅔	N	N	F	F		
3d	15	30	22	21⅔	E	N	F	C		
4th	5	19	12	13	NE	N	F	F		
5th	7	28	22	20⅓	N	E	C	F		
6th	14	32	25	24	N	N	F	C		
7th	21	35	23	26⅓	N	N	C	F		
8th	15	32	26	25⅓	N	NW	F	F		
9th	21	26	24	23⅔	N	N	C	F		
10th	12	38	28	26⅓	N	N	F	F		Wild Ducks appear
11th	15	39	26	27⅓	N	S	F	F		
12th	18	34	30	28⅓	S	N	F	C		
13th	25	44	35	35	N	NW	C	F		
14th	15	31	24	24⅔	N	NE	F	F		
15th	21	30	26	25⅔	E	N	C	C	0.1.5	Snow last night " P. M.
16th	7	32	14	18⅓	N	N	F	F	0.0.7	" last night
17th	11	38	34	31⅓	E	S	F	F		High wind
18th	32	50	40	44	S	S	C	F		Wild Pigeons & Snipe
19th	44	57	41	45⅔	S	SW	C	F		
20th	31	48	31	37⅔	NW	W	F	F		Black Birds appear
21st	24	45	35	35⅔	N	NE	F	C		
22d	35	38	33	35⅓	E	W	C	C	1.3.1	Rain Thund.
23d	28	44	31	35⅔	NW	NW	F	F		
24th	23	54	38	38⅓	N	S	F	C		
25th	32	48	34	36	N	SW	F	C		Thunder P. M.
26th	38	51	38	41⅓	N	N	F	F	0.1.2	Rain Thund & lightning last night Fog A. M.
27th	35	31	32	33⅓	E	E	C	C	0.4.8	Rain & Thunder last night
28th	28	36	32	31⅓	NE	NE	C	C	0.1.5	Rain & ~~Snow~~ [illegible]
29th	31	31	28	29⅓	NE	NE	C	C	.5.4	Hail, Rain, last night lightning
30th	16	41	26	27⅔	N	N	F	F		
31st	28	40	34	33⅔	SE	NW	C	C		Light snow A. M.
Mean.				27 13/31					1.3.4	

ABSTRACT FOR THE QUARTER.

MONTHS.	THERMOMETER.			Hottest Day.	Coldest Day.	WINDS.									WEATHER.					RAIN.
	Highest Degree.	Lowest Degree.	Mean Temperature.			N.	N. E.	E.	S. E.	S.	S. W.	W.	N. W.	Prevailing.	Fair.	Cloudy.	Rain.	Snow.	Prevailing.	
						Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.		Days.	Days.	Days.	Days.		Inches.
January	40	23	11	31st	11th	9½	5½	6½	4	1	2	½	2	North	26	5	0	0	Fair	1.18
February	48	18	15¾	22nd	10th	5½	12	0	½	½	1½	1	3	N. East	21½	6½	1	.5	Fair	1.43
March	57	2	28½	19th	4th	14	5	3½	4	½	3	0	1	North	18½	12½	5	5	Fair	1.54
																				4.15

Surgeon.

DIARY OF THE WEATHER at Fort Winnebago W. T.

for the Quarter ending the 30th *day of* June 1844

Latitude 43½ N. Longitude 12 West

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
April	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	26	55	38	34⅔	N	W	F	F		
2d	27	36	30	30⅔	NW	NW	F	F		
3d	25	37	36	33⅔	NW	N	F	F		
4th	32	55	32	38⅔	E	SW	C	C		Light rain P. M.
5th	24	48	27	27⅔	N	N	F	F		Snow P. M.
6th	19	30	28	26⅔	N	SW	F	C		
7th	28	41	40	38	N	N	C	C		Rain P. M.
8th	26	52	34	38	N	SW	F	C	.1.6	Rain & snow last night
9th	31	40	28	30⅔	N	[illegible]	C	C		Light snow last night
10th	19	33	24	25⅔	N	NE	F	F		
11th	22	40	29	30⅔	NE	E	C	C		Light rain P. M.
12th	21	50	31	35	NE	NW	F	C	0.2.0	Snow
13th	27	42	32	32⅔	N	NE	C	C		Swallows appear
14th	22	42	32	32⅔	N	NE	F	F		Ice left for Green Lake
15th	26	55	43	43⅔	NE	S	F	C		Frogs commence croaking
16th	44	67	54	55	SE	SE	C	F	0.2	
17th	44	41	44	42⅔	N	NW	F	C		High wind A. M.
18th	26	49	37	46	N	NW	F	F		Rain
19th	42	57	58	43⅔	N	SW	C	C	0.7.2	Rain & snow last night
20th	27	45	35	35⅔	E	NE	C	C		
21st	25	56	40	40⅔	N	E	F	F		High wind
22d	58	68	42	48⅔	E	S	F	F		
23d	42	75	60	60⅔	E	SE	F	F	0.3.4	Rain A. M.
24th	52	61	56	58	E	NW	C	F	0.3.0	Rain at intervals ~~[illegible]~~
25th	46	58	56	41	NE	E	C	C		(Clear night)
26th	52	35	43	36⅔	NW	NW	S	C	0.6.9	Rain, thunder & lig - High wind
27th	27	53	44	40⅔	NW	S	F	F		White frost this morning
28th	38	64	50	51⅓	E	SE	C	F		
29th	44	55	40	43⅓	N	N	C	C		
30th	29	51	40	40⅔	NW	N	F	F		
31st										
Mean.				51⅔					1.4.9	

NOTE.—For directions, see Regulations for the Medical Department—Form 3.

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
May	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	32	52	41	41⅔	N	N	F	C		Salute fired in honor of the Death of the late President of the U. S. W. H. Harrison Co. Marched [illegible]
2d	25	44	32	33⅔	N	N	F	F		
3d	26	54	31	40⅔	NE	E	F	F		
4th	34	58	43	45	E	E	C	F		
5th	34	48	28	36⅔	N	N	C	C	0.2.1	Rain A. M.
6th	31	58	48	46⅔	NW	N	F	F		Fog in the fore part of the A. M.
7th	36	66	48	50	S	E	F	F		
8th	36	68	54	52⅔	E	W	F	F		
9th	35	68	52	54	S	S	F	F		
10th	47	55	48	47⅔	SW	NW	C	C	0.4.4	Rain at intervals
11th	45	57	44	48⅔	N	N	C	C	0.1.2	Rain last night
12th	38	52	44	44⅔	N	N	F	F		
13th	30	56	48	44⅔	NE	N	C	F		
14th	28	62	53	47⅔	NE	N	F	F		
15th	41	75	52	55⅔	N	N	F	F		
16th	55	75	61	63⅔	N	N	F	F		
17th	52	82	68	68⅔	W	N	F	F		
18th	57	78	74	75⅓	W	E	F	F		
19th	55	75	63	65⅓	E	E	F	C		Thunder P. M. Rain from H. Co. 5th Infy left for winter Quarters
20th	54	84	66	68	SE	E	F	C	0.1.3	Rain thunder & lightning last night High wind P. M.
21st	60	85	60	68⅓	SW	N	C	F		
22d	65	77	66	69⅓	W	W	C	F	0.0.5	Rain & thunder last night
23d	55	76	66	65⅔	E	E	C	C	0.8.0	Rain thunder & lightning last night
24th	48	72	53	57⅔	N	W	F	C	0.0.2	Rain P. M. & high wind
25th	52	68	55	58⅓	NE	N	C	C	0.0.1	Light rain showers P. M.
26th	52	74	62	62⅔	NW	SW	F	F		
27th	55	86	70	70⅓	S	W	F	F		
28th	53	80	58	63⅔	S	N	F	F		
29th	43	68	56	55⅔	NE	S	F	F		H. Co. 5th Infy returned from W
30th	52	82	68	67	SE	SW	F	F	0.0.2	Rain thunder & lightning in morning
31st	60	83	68	65⅔	SW	W	F	F		
Mean.				55 26/17					1.5.1	

55 26/31

172
162
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389

1841

DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
June	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	55	88	71	71⅓	S	N	F	F		
2d	57	82	65	68⅓	N	NE	F	F		
3d	58	82	67	69	E	E	F	F		
4th	56	88	74	72⅔	E	SE	F	F		Thunder & lightg at night
5th	62	83	68	71	SE	S	F	F		Rain showers P. M.
6th	62	88	74	74⅔	SE	W	F	F	0.0.1	Rain Thun & light at night
7th	63	87	76	75⅓	W	S	F	F	1.1.5	Rain ~~[illegible]~~ Thun & lightg at nig
8th	64	75	64	68	E	NW	F	F		
9th	54	78	61	64⅓	S	S	F	F		Fog on frontage this morning
10th	60	81	75	72	S	W	F	F		
11th	64	80	68	71⅔	SE	NW	F	F	1.5.2	Rain Thun & Light at night
12th	58	72	58	62⅔	S	N	C	C		
13th	56	55	56	55⅔	N	S	C	C	0.0.1	Foggy with mist this morning Rain P. M.
14th	45	62	50	52⅓	S	N	F	C		
15th	59	65	52	58⅔	S	NE	F	F		
16th	44	74	56	58	E	E	F	C	1.8.4	Rain at night
17th	54	68	59	60⅓	E	E	C	C	1.1.5	Rain at night
18th	50	68	55	57⅔	E	E	C	C	0.3.1	Rain A. M.
19th	55	84	64	67⅔	E	E	F	F	0.2.2	Foggy morning Rain at night
20th	48	86	66	66⅔	E	S	C	C	1.9.5	Rain Showers, Thun & Light at night
21st	64	75	64	67⅔	S	W	C	F	0.2.0	Rain A. M.
22d	62	75	63	66⅔	S	SW	F	F		Rain P. M.
23d	55	55	52	54	S	S	C	C	0.1.1	Rain A. M.
24th	45	68	56	57	N	S	F	C		
25th	47	77	61	61⅔	S	E	F	F		
26th	56	87	66	69⅔	E	E	F	F		
27th	56	88	68	70⅔	S	NE	F	F		
28th	62	88	72	74	SE	SE	F	F		
29th	68	90	75	77⅔	S	W	C	F		Rain Thund & Light P. M.
30th	72	88	66	75⅓	S	W	C	C	0.1.0	Rain ~~last~~ night Thun & Light
31st										
Mean.				66 2/30					5.4.5	

172
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1466

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426

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164
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6444

ABSTRACT FOR THE QUARTER.

MONTHS.	THERMOMETER.			Hottest Day.	Coldest Day.	WINDS.									WEATHER.					RAIN.
	Highest Degree.	Lowest Degree.	Mean Temperature.			N.	N. W.	N. E.	S.	S. E.	E.	S. W.	W.	Prevailing.	Fair.	Cloudy.	Rain.	Snow.	Prevailing.	Inches.
						Days.	ays.	Days.	Days.	Days.	Days.	Days.	Days.		Days.	Days.	Days.	Days.		
April	75	19	58 13/30	29	10	8½	6	4	4½	2	1½	1	1½	North	15½	14½	8	5	Fair	1.4.8
May	80	25	55 23/31	18	2	11½	2½	3.	5	1	1½	1	5½	North	22½	8½	8	1	Fair	1.5.1
June	82	35	66 8/30	29	14	8	2	1½	7½	½	4½	1	4	North	20½	8½	14	-	Fair	5.4.5
																				8.4.8

Surgeon.

DIARY OF THE WEATHER at Fort Winnebago W. T.

for the Quarter ending the Thirtieth day of September 18341

Latitude 43½ North Longitude 12 West

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
July	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	66	78	56	63⅓	S	NE	C	F	0.0.1	Rain A. M.
2d	48	92	60	60⅔	C	C	F	F		
3d	55	75	65	65	NE	NE	F	F		
4th	57	82	66	68⅓	S	NW	C	F		
5th	56	87	68	67⅔	NW	NE	F	C		
6th	60	75	67	67⅓	NE	NE	F	F		
7th	52	74	62	62⅔	N	N	F	F		Foggy morning
8th	55	81	66	67⅓	S	W	F	F		
9th	62	84	69	71⅔	W	W	C	C	0.0.4	Rain P. M.
10th	56	78	64	66⅓	E	E	F	C	0.7.6	Rain P. M. & Night
11th	57	77	64	67	E	E	C	C		Rain A. M.
12th	66	84	71	73⅔	N	E	C	F	0.5.6	Foggy morning Rain at night Thr & Lig
13th	67	85	62	68⅔	SE	N	C	C	0.4.1	Rain Thun & Light
14th	65	81	67	67⅔	NW	N	F	F		Thun & lightning night
15th	58	76	66	65⅔	N	N	F	F		
16th	52	76	61	64⅓	E	E	F	C		
17th	57	77	67	68⅓	S	SW	C	C	0.2.2	Rain P. M.
18th	62	87	67	71⅔	E	N	F	F		
19th	56	85	70	72⅔	C	E	F	F		
20th	62	80	70	74⅓	C	S	F	F	0.1.2	Rain at night
21st	66	85	73	75	C	NE	F	C		
22d	68	80	72	76⅔	SW	W	F	F		
23d	68	80	74	77⅓	W	S	F	F		
24th	71	~~88~~	65	75⅓	S	N	C	F		Rain A. M.
25th	58	77	68	68⅓	N	NE	F	F		
26th	62	80	68	70⅔	N	S	F	F		
27th	66	75	58	64	W	W	C	C	0.5.0	Rain Storm & high wind
28th	52	71	58	60⅓	SE	N	F	F		
29th	58	76	56	62⅔	N	NE	F	F	0.9.0	Rain at night
30th	57	74	65	62⅔	N	N	C	F	0.0.8	Rain A. M.
31st	50	70	55	65	N	N	F	F		
Mean.				68 22/31					5.7.5	

NOTE.—For directions, see Regulations for the Medical Department—Form 3.

DIARY—Continued.

1841

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
August	A. M.	P. M.	EVENING.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	52	51	62	65½	N	W	F	F		
2d	55	72	66	65½	SW	S	C	C	0.0.5	Rain at Night
3d	64	78	68	75½	W	SW	C	C	0.0.2	Rain
4th	66	78	62	66½	W	W	C	F	0.2.4	Rain Thunder & Lightning A. M.
5th	52	71	56	57½	N	N	C	F		
6th	65	76	64	64½	N	W	F	F		Foggy morning
7th	55	74	62	65½	S	SE	F	C		Rain P. M.
8th	65	75	61	66	SE	N	C	C	0.2.6	Rain A. M.
9th	56	78	64	65½	W	N	F	F	0.1.0	Rain at night Thunder & Lightning
10th	54	70	54	57½	N	N	C	F		Foggy morning
11th	51	71	55	58½	N	NW	F	F		Foggy
12th	52	75	51	63½	W	SW	F	F	0.5.1	Rain hail Thunder Lightning at night
13th	54	84	56	65	N	N	C	C	0.0.1	Rain A. M.
14th	56	72	64	65½	N	C	C	C		Rain P. M.
15th	65	54	74	71½	C	S	C	C		
16th	78	58	72	76½	W	S	C	F	0.3.0	Rain at Night [illegible]
17th	65	74	72	72	S	SW	C	C	0.4.4	Rain
18th	71	76	61	66½	N	N	C	F		Rain A. M. & [illegible] light
19th	52	71	63	64½	N	N	F	F		Foggy A. M.
20th	51	61	65	66½	N	NW	F	F		
21st	55	77	61	64	SW	N	F	F		
22d	65	72	56	58	N	N	F	F		
23d	62	71	58	61	S	S	F	F		
24th	55	78	58	60½	N	SE	F	F		
25th	64	78	61	65	SE	W	F	F		
26th	56	72	55	57½	N	NW	C	F		
27th	41	71	54	58½	N	N	C	C	0.1.0	Rain
28th	53	65	50	54½	S	SE	C	C		light rain
29th	65	75	48	52½	N	W	F	F		Dense fog A. M.
30th	55	85	60	65½	NW	NW	F	F		
31st	54	84	74	72½	S	S	F	F		
Mean.				64 31					3.1.1	

Sept 1841 DIARY—Continued.

MONTH.	THERMOMETER.				WINDS.		WEATHER.		RAIN.	REMARKS.
September	A. M.	P. M.	EVENING. 9h	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	61	81	66	74	W	W	F	F	0.1.5	Rain at Night
2d	63	81	62	68⅔	W	S	C	C	0.5.4	Rain
3d	60	81	65	68⅔	N	N	C	F		
4th	58	81	70	70⅔	N	S	C	F		
5th	66	87	71	74⅔	N	N	F	F		
6th	62	82	65	69⅔	SW	S	F	F	0.0.5	Rain at Night Thd & Ligt
7th	62	81	62	68⅓	E	N	C	C	1.2.0	Rain at Night
8th	55	59	55	56⅓	N	N	C	C	0.1.5	Rain at M & Night
9th	58	79	60	65⅔	N	S	C	C	1.1.0	Rain P.M. & Night Thd & Ligt
10th	32	57	44	44⅓	W	W	C	F		
11th	36	51	46	44⅓	W	NW	F	F		
12th	31	65	48	45⅔	N	NW	F	F		
13th	38	67	54	53⅓	NE	N	F	F		
14th	42	70	55	55⅔	N	SW	F	F		
15th	43	70	51	54⅔	SW	SW	F	F	0.2.7	Rain at Night
16th	41	46	43	43⅓	N	N	C	C	0.0.7	Rain
17th	40	54	40	45	N	N	C	C		Rain A.M.
18th	42	55	41	48	N	N	C	C	0.7.4	Rain at Night
19th	54	64	48	55⅓	NE	NW	C	C		Rain A.M.
20th	44	57	50	50⅓	N	N	C	C	1.5.4	Rain at Night
21st	42	44	44	43	N	N	C	C	0.6.6	Rain A.M.
22d	42	45	45	44	N	N	C	C	0.2.1	Rain
23d	42	46	45	44⅓	N	NW	C	C		
24th	45	57	41	50⅔	NW	S	C	C		[illegible] 1st [illegible] Sept [illegible]
25th	45	60	42	48⅓	S	N	C	C	0.5.4	Rain
26th	38	57	47	48⅔	NW	W	F	F	0.1.4	Rain at Night
27th	47	59	41	50⅔	N	N	C	C		Rain A.M. 25th Sept
28th	44	58	46	46	N	N	C	F		
29th	34	50	38	41⅔	N	N	F	F		
30th	38	54	40	44⅔	N	N	C	C		Rain
~~31st~~										
Mean.				54 11/30					6.58	

86

ABSTRACT FOR THE QUARTER.

MONTHS.	THERMOMETER.			Hottest Day.	Coldest Day.	WINDS.									WEATHER.					RAIN.
	Highest Degree.	Lowest Degree.	Mean Temperature.			N.	N.W.	N.E.	E.	S.E.	S.	S.W.	W.	Prevailing.	Fair.	Cloudy.	Rain.	Snow.	Prevailing.	Inches.
						Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.		Days.	Days.	Days.	Days.		
July	90	48	$67\frac{26}{31}$	23	31	8	4	2½	7	0½	3½	1½	4	North	21½	9½	12	..	Fair	3.90
August	88	41	$64\frac{1}{31}$	16	28	14½	3½	"	1	2½	3½	1½	4½	North	18½	12½	14	"	Fair	3.95
Septem.	81	34	$54\frac{21}{30}$	5	21	17½	3	½	½	"	2½	2	4	North	12	18	18	"	Cloudy	6.58
																				14.07

$\frac{84}{21}$

Surgeon.

DIARY OF THE WEATHER at Fort Winnebago Wisconsin Ter

for the Quarter ending the Thirty first day of December 1841

Latitude 43½ North Longitude 12 West

MONTH.	THERMOMETER.					WINDS.		WEATHER.		RAIN.	REMARKS.
October	A. M.	P. M.	EVENING. 22		MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	51	53	45	48	43	S	SE	F	C		
2d	35	48	41	35	35½	N	NE	C	F		
3d	38	56	46	38	42½	N	SE	C	F		White frost A.M.
4th	34	54	48	41	46	S	S	F	C	0.1.0	Rain at night
5th	35	53	48	44	45¾	SE	NE	C	C		
6th	41	58	56	45	51½	E	NE	C	C	0.0.2	Rain A.M.
7th	44	51	48	44	47½	NW	W	F	F		
8th	38	56	46	43	45½	NW	NW	F	F		
9th	35	51	50	41	45½	N	NE	F	F		White frost
10th	43	66	60	53	55½	NE	S	F	F	0.1.4	High Wind. Rain at ni
11th	42	51	53	41	50½	N	NW	F	F		
12th	43	50	47	36	44	N	N	F	F		
13th	28	54	51	37	42½	N	N	F	F		
14th	28	57	55	51	48	N	W	F	F		High wind
15th	52	57	48	40	45½	NE	N	C	F		
16th	27	48	40	31	36½	N	NE	F	F		
17th	26	52	44	33	38½	N	E	F	F		
18th	38	48	44	42	40½	E	E	F	C	0.0.8	" - Rain at Night
19th	38	43	41	40	40½	E	E	C	C	0.0.8	Rain at night
20th	38	31	38	38	38½	NW	NW	C	C	0.1.5	Rain
21st	62	40	38	37	36½	NW	NW	F	C		High Wind
22d	25	46	42	36	38½	NW	NW	F	F		" "
23d	30	32	30	26	30	NW	NW	F	F		High Wind & light Snow
24th	18	27	21	17	21	NW	NE	F	C		" - Ice A.M.
25th	14	38	56	35	30½	SW	W	F	F		" " "
26th	38	56	50	34	42	N	W	C	F		
27th	28	48	34	32	31½	N	SE	F	F		
28th	30	58	51	51	47½	N	SE	C	F		Mist P.M.
29th	52	60	59	56	56½	SE	S	C	C	0.0.2	Rain at night
30th	53	58	57	57	56½	SE	SE	C	C	0.4.0	Rain
31st	56	64	62	58	60½	SE	SE	C	C	3.4	Rain all D. night
Mean.					$43\frac{13}{31}$					1.2.5	

NOTE.—For directions, see Regulations for the Medical Department—Form 3.

DIARY.—Continued.

MONTH.	THERMOMETER.					WINDS.		WEATHER.		RAIN.	REMARKS.
November	A. M.	P. M.	EVENING.		MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	38	46	42	57	43¾	S W	S	C	C	0.0.3	Rain Showers & H. Wind
2d	27	48	37	33	36¼	W	W	C	C		Light Snow & rain, & High Wind
3d	27	31	30	30	29½	W	NW	C	C	0.0.2	Snow P.M.
4th	28	36	33	32	32¼	NW	NW	C	C		
5th	21	32	26	21	25	NW	NW	C	C		
6th	20	35	34	33	30½	N	NE	F	C		
7th	35	41	44	41	40¼	NE	E	C	C		
8th	33	43	41	38	38¾	E	E	C	C	0.1.1	Rain at Night
9th	45	54	51	50	50	E	E	C	C		Haze
10th	48	53	53	53	51¾	NE	E	C	C	0.1.3	Rain (Continued)
11th	52	41	42	38	43¼	E	W	C	C	.0.2	Rain
12th	30	45	41	32	37	W	W	F	F		
13th	28	55	44	38	41¼	W	S	F	F		H. Winds at Night
14th	25	32	30	25	28	W	NW	C	F		
15th	18	34	31	26	27¼	N	N	F	F		
16th	16	37	36	33	30½	N	W	F	C		
17th	28	46	44	32	37½	N	N	C	F		
18th	31	36	35	27	32¼	NE	N	C	C		
19th	28	35	32	30	31¼	NE	NE	C	C		
20th	29	40	34	33	34	NE	NE	C	C	.2.3	Rain in Night
21st	34	51	48	40	43¼	E	SW	C	F		Rain A.M.
22d	27	40	35	28	32½	W	W	C	C		
23d	22	31	28	23	26	W	NW	C	F		
24th	14	31	26	22	23¼	N	N	C	C		
25th	25	26	25	24	25	N	N	C	C	.0.1	Snow A.M. & Fog
26th	15	28	26	18	21¾	NW	N	C	F		
27th	8	24	20	14	16½	N	NW	F	F		Fog River closed
28th	6	25	20	12	15¾	NW	N	F	F		
29th	6	22	20	18	16½	N	S	F	F		
30th	18	32	28	22	25	S	S	F	F		
31st											
Mean.					31½					.55	

DIARY.—Continued.

MONTH.	THERMOMETER.					WINDS.		WEATHER.		RAIN.	REMARKS.
December	A.M.	P.M.	EVENING. 21		MEAN.	A.M.	P.M.	A.M.	P.M.	INCHES.	
1st	16	41	36	27	30	S	SW	f	f		Fox River open in places
2d	35	41	36	30	35½	W	S	c	c	0.3.0	Rain at Night
3d	34	37	35	31	34¼	E	E	c	c	0.6.6	Rain & Snow at night
4th	26	27	26	25	26	S	NW	c	c		
5th	17	21	26	22	23¾	NW	NE	c	f		
6th	25	25	26	21	24	NW	NE	f	f		
7th	16	37	32	30	28¾	S	SE	f	f		
8th	34	41	38	32	36¼	SE	NW	c	c		
9th	33	36	35	32	35½	N	NE	c	c		
10th	31	36	35	32	33½	NE	NE	c	c		Foggy A.M.
11th	27	31	29	23	27½	NE	NW	c	f		
12th	27	38	37	36	34½	NE	SE	f	c	0.2.1	Rain at Night
13th	36	41	38	34	37¼	E	E	c	c	0.0.1	Rain
14th	32	34	32	31	32¼	NW	NW	c	c		Light Snow at night
15th	31	30	28	24	28¼	NW	N	c	c	0.0.1	Snow P.M. & night
16th	15	17	18	15	17	N	N	c	f		
17th	5	21	20	16	16½	N	N	c	f		Fox River closed
18th	5	27	25	21	25½	N	S	f	f		
19th	24	25	22	20	22¾	NE	N	c	c	0.0.2	Snow at Night
20th	17	17	17	14	17¾	N	N	c	c	0.0.3	Snow & high wind
21st	6	18	16	14	13½	N	N	f	c	.3.5	Snow at night
22d	20	24	24	27	27½	NE	NE	c	c	.4.0	Snow
23d	27	26	28	15	22¾	NW	NW	c	c	0.0.3	Snow P.M.
24th	4	13	12	10	9¾	NW	NW	f	c		
25th	4	17	13	11	11¼	N	W	f	f		
26th	5	23	19	14	15¼	SE	S	f	f		
27th	8	23	21	17	17¼	E	S	f	c		Light Snow P.M.
28th	8	26	20	18	18	NW	W	f	f		
29th	4	11	18	20	15¼	E	W	f	c		
30th	20	28	23	16	21¾	NW	NW	c	c		
31st	5	21	16	12	14¼	NW	NW	f	f		
Mean.					24 3/31					1.5.8	

ABSTRACT FOR THE QUARTER.

MONTHS.	THERMOMETER.			Hottest Day.	Coldest.	WINDS.									WEATHER.					RAIN.
	Highest Degree.	Lowest Degree.	Mean Temperature.			N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Prevailing.	Fair.	Cloudy.	Rain.	Snow.	Prevailing.	Inches.
						Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days		Days.	Days.	Days.	Days.		
October	66°	14	$43\frac{13}{31}$	10	24	8	8	3	$3\frac{1}{2}$	5	2	..	$1\frac{1}{2}$	North	18	12	5	1	Fair	1.2.5
November	55	6	$32\frac{13}{30}$	10	28	$7\frac{1}{2}$	5	3	4	1	$2\frac{1}{2}$	1	6	North	$10\frac{1}{2}$	$18\frac{1}{2}$	7	3	Cloudy	.5.5
December	41	4	$24\frac{3}{31}$	13	24	$6\frac{1}{2}$	9	$3\frac{1}{2}$	$3\frac{1}{2}$	$2\frac{1}{2}$	3	1	2	N.W.	$12\frac{1}{2}$	$18\frac{1}{2}$	4	5	Cloudy	1.5.8
																				3.3.8

28.45
Rain in 1841

Surgeon.

DIARY OF THE WEATHER at Fort Winnebago

for the Quarter ending the 31st day of March 1862

Latitude 43½ North Longitude 12 West

MONTH.	THERMOMETER.					WINDS.		WEATHER.		RAIN.	REMARKS.
January	A. M. 7½	P. M. 2½	EVENING. 9	 [illegible]	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	18	40	36	32	31½	S	W	F	F		
2d	12	6	-0	-8	2½	NW	N	F	F		
3d	-4	8	11	19	8½	S	SE	C	C	.2.2	Snow
4th	-0	14	10	7	7¾	NW	NW	F	F		Light Snow
5th	10	24	22	24	20	SE	E	C	F		
6th	34	34	27	19	28½	SE	W	C	F		
7th	-0	22	18	12	13	N	N	F	F		
8th	20	26	24	16	21½	NE	N	C	C		
9th	8	23	14	6	12¾	N	N	C	F		Light Snow A.M.
10th	2	26	22	18	17	N	W	F	F		
11th	26	30	22	16	18½	NW	NW	C	C		
12th	12	24	22	22	20	N	NW	C	F	.1.1	Snow A.M.
13th	21	27	26	27	25¼	S	S	C	F		High Wind at N.
14th	26	28	25	15	21½	NW	NW	C	F		" "
15th	6	26	26	26	21	NW	S	F	F		
16th	28	42	34	29	33¼	S	S	F	F		
17th	15	43	34	29	31	S	S	F	F		
18th	22	44	36	32	33½	E	S	F	F		
19th	30	30	24	22	26½	N	N	C	C	.4.3	Rain & Snow
20th	17	19	16	12	16	N	N	C	F		
21st	14	22	18	10	16	NW	NW	F	F		
22d	-6	6	2	-5	-¾	W	NW	F	F		
23d	-20	10	6	-3	-1¾	N	N	F	F		
24th	-0	26	18	12	14½	E	SW	F	F		
25th	22	43	36	21	30½	NW	W	F	F		
26th	23	27	25	21	24	N	N	C	F	.1.3	Snow A.M.
27th	3	25	24	21	18¼	N	N	F	F		
28th	31	42	36	31	35	S	SW	F	F		
29th	22	38	35	29	31	E	NW	C	F		
30th	20	41	35	34	32½	E	SW	C	F		High Wind
31st	12	25	23	16	19	NW	NW	F	F		
Mean.					20 2/31					-84	

NOTE.—For directions, see Regulations for the Medical Department—Form 3.

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DIARY—Continued.

MONTH.	THERMOMETER.					WINDS.		WEATHER.		RAIN.	REMARKS.
February	A. M.	P. M.	EVENING.		MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	12	38	32	32	28½	NW	NW	F	C		
2d	28	42	38	34	35½	E	E	C	F	.1.7	Rain at Night
3d	34	44	42	40	40	W	W	F	F		
4th	27	31	25	18	26½	N	N	C	C		Light Snow A.M.
5th	20	37	34	30	30¼	S	S	C	C		
6th	20	27	21	10	19½	N	NW	C	F		
7th	2	10	1	-2	2¾	NW	NW	C	C	.0.4	Snow
8th	-16	2	-2	-2	-4½	NW	W	F	C		Light Snow Night
9th	11	32	31	28	25½	S	S	F	F		
10th	28	38	34	30	32½	E	E	F	F		Light Snow Night
11th	27	28	26	24	26¼	N	N	C	C	.0.8	Snow A.M.
12th	24	33	29	21	27¾	W	S	C	C		
13th	22	38	15	5	21	W	NW	F	F		
14th	-5	13	10	6	6	NW	NW	F	F		
15th	9	15	21	22	17¾	NE	S	C	C	.2.4	Snow at Night
16th	-1	2	1	-5	-¾	NW	NW	F	F		
17th	-13	18	11	11	6¾	N	E	F	C	.1.4	Snow at Night
18th	2	16	15	6	9¾	N	N	F	C		Snow " "
19th	-7	9	5	-4	¾	W	NW	F	F		
20th	-7	21	15	9	10¼	N	NW	F	F		
21st	25	31	26	22	24½	SW	NW	C	F		Light Snow A.M.
22d	1	28	24	17	17½	N	W	F	F		
23d	22	42	36	28	32	S	N	F	F		
24th	23	36	33	33	31¼	N	N	F	F		
25th	37	41	35	34	36¾	N	N	C	C	.1.6	Rain A.M. & Night
26th	32	38	35	34	34¾	NE	E	C	C		
27th	32	41	37	35	36¼	S	W	C	C	.2.0	Rain at Night
28th	35	44	41	34	38½	E	SE	C	C		Foggy. [illegible]
29th											
30th											
31st											
Mean.					21 24/28					.5.6	

27
49

16
31) 1228 (39
93
298
279
19

DIARY—Continued.

MONTH.	THERMOMETER.					WINDS.		WEATHER.		RAIN.	REMARKS.
March	A. M.	P. M.	EVENING.		MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	32	35	34	32	33¼	S	S	C	C		Foggy
2d	35	41	44	42	41¼	W	SW	C	F		
3d	44	52	47	44	46¾	S	SE	F	C		Fox River Open
4th	42	31	30	26	32¼	N	N	C	C		Snow A.M.
5th	21	27	28	25	25¼	N	N	C	C		
6th	21	34	34	34	30¾	N	N	F	F		
7th	28	37	34	27	28¾	NE	NW	F	F		
8th	35	47	44	40	40½	E	S	F	C	1.4	High Wind P.M.
9th	48	60	38	25	41¾	S	W	C	F		Rain A.M. & Lightning
10th	17	30	28	27	25½	NW	N	C	F		Light snow at night
11th	15	24	20	16	18¾	NW	N	F	F		
12th	12	31	27	28	22¼	N	S	F	C		
13th	18	44	42	35	34¾	W	W	F	F		
14th	23	46	42	35	36½	NE	NW	F	F		
15th	25	53	45	31	40¼	N	NW	F	F		Wild geese seen
16th	32	62	55	48	48¼	SE	SW	F	F		
17th	40	62	54	42	48½	NW	NW	F	F		
18th	36	72	65	56	57¼	E	SE	F	F		
19th	40	76	58	51	56¼	S	SE	F	F		
20th	40	36	36	35	36¾	S	SE	F	C	2.3	Rain & Thund P.M.
21st	32	36	34	33	33¾	S	S	C	C		Snipe appear
22d	30	48	36	32	36	S	SE	C	C	.40	Rain P.M. & night. Hail
23d	31	42	40	36	37¼	SE	S	C	C	.63	Rain Th & Light in night
24th	36	40	37	38	38½	S	SE	C	C	.37	Rain A.M. & Night Th.
25th	33	40	40	38	37¾	NW	NW	C	C		Black birds appear
26th	30	51	48	46	43¾	S	SE	F	F		
27th	38	56	59	51	50	NW	S	F	F		
28th	28	60	54	50	48	S	SE	F	F		
29th	48	80	73	63	66¼	W	NW	F	F		High wind P.M.
30th	44	61	48	43	45½	S	NW	F	F		
31st	27	50	46	40	38¾	S	S	F	F		
Mean.					39 19/31					1 77	

458
352

ABSTRACT FOR THE QUARTER.

MONTHS.	THERMOMETER.									Hottest Day.	Coldest Day.	WINDS.									WEATHER.					RAIN.
	Highest Degree.				Lowest Degree.				Mean Temperature.			N.	N. W.	N. E.	E.	S. E.	S.	S. W.	W.	Prevailing.	Fair.	Cloudy.	Rain.	Snow.	Prevailing.	Inches.
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.		Days.	Days.	Days.	Days.		
January	31	44	38	32	5	1	-8	-8	20 11/31	28th	23d	5½	8½	½	3	1½	4½	1½	2	North	22	7	1	6	Fair	0.84
February	37	44	42	41	16	2	-2	-5	21 24/28	3d	8th	7½	6	1½	3½	1	4	1	3½	North	14½	13½	3	8	Fair	1.56 .56
March	55	60	73	63	12	24	28	16	38 11/31	25th	11th	12½	6	3½	1½	2½	1½	1	2½	North	15½	11½	5	1	Fair	1.17
																										3.17

C. H. Laub **Surgeon.**

DIARY OF THE WEATHER at Fort Winnebago W. I.

for the Quarter ending the 30th *day of* June 1863

Latitude 43½ North Longitude 12 West

MONTH.	THERMOMETER.					WINDS.		WEATHER.		RAIN.	REMARKS.
April	A. M.	P. M.	EVENING.		MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	35	65	62	50	53	S	S	F	F		
2d	53	56	51	50	52½	S	W	C	C	.64	Rain
3d	36	38	37	35	36½	NE	NE	C	C	1.6	Rain Hail Light
4th	38	46	42	41	42	SE	W	C	C		High Wind
5th	32	56	52	45	47½	S	W	F	F		
6th	38	48	41	40	42½	E	E	C	C	0.8	Rain P.M. & Night
7th	40	31	31	31	33¼	S	S	C	C	.18	Rain & Snow
8th	30	50	45	42	41¾	W	S	F	F		
9th	38	68	62	56	56½	SE	S	F	F		
10th	51	68	62	52	58½	S	S	F	F		
11th	45	74	62	58	58½	S	SE	F	F		
12th	41	73	64	50	58	SE	S	F	F	.08	Light rain P.M. Thunder Storm at night
13th	38	51	48	46	46	W	W	C	F		High Wind
14th	44	52	50	43	47½	W	W	F	F		" "
15th	30	41	42	36	38¼	S	S	F	F		
16th	28	51	44	37	40	S	NE	F	F		
17th	27	53	44	41	41¼	S	S	F	F		Martins appeared
18th	28	58	57	54	49¼	S	S	F	F		
19th	36	73	71	60	60	S	W	F	F		
20th	44	58	71	63	64¼	S	W	F	F		
21st	53	87	80	75	73¾	E	S	F	F		High wind P.M.
22d	68	73	68	50	63½	W	W	C	F		
23d	34	60	56	48	48½	S	S	F	C		
24th	48	78	70	70	66	NE	S	C	F	0.3	High W P.M. Rain Ni
25th	54	60	50	44	52	S	W	F	F		" "
26th	45	50	38	38	41½	W	W	C	F	.03	Light rain
27th	32	47	43	40	40½	W	W	F	C		
28th	26	60	53	45	46	W	S	F	F		White frost
29th	42	64	55	50	52¾	E	W	C	C	0.4	Rain at night
30th	44	71	64	57	58	SW	W	F	F		
31st											
Mean.					50 2/3					1.85	

NOTE.—For directions, see Regulations for the Medical Department—Form 3.

DIARY—Continued.

MONTH.	THERMOMETER.					WINDS.		WEATHER.		RAIN.	REMARKS.
May	A. M.	P. M.	EVENING.		MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	48	71	64	53	59	NW	N	F	F		
2d	33	48	50	48	44¾	NE	N	C	F		
3d	32	54	55	47	47¼	N	N	F	F		
4th	27	62	55	48	48	N	N	F	F		White frost
5th	34	71	61	57	55¾	NE	W	F	F		〃 frost. H. Wind p. m.
6th	55	68	54	45	55½	NW	NW	F	F		
7th	39	69	59	51	54½	N	NW	C	F		
8th	40	70	62	50	55½	N	N	F	F		
9th	34	74	72	67	50¾	SE	N	C	F		High Wind & Night [illegible]
10th	60	67	51	47	56¼	NW	NW	F	F		〃 〃 P. M.
11th	40	58	58	47	50¾	N	N	C	F		
12th	38	53	51	50	48	N	E	F	C	.2.3	Rain the Night P. M.
13th	35	56	54	40	46¼	NW	NW	F	F		
14th	36	57	51	45	47¼	E	W	F	C		
15th	40	65	60	56	56¼	N	N	F	F		
16th	44	79	60	57	60	N	SW	F	F		
17th	49	77	66	62	63½	S	S	F	F	.0.1	Rain at night
18th	57	53	44	42	49	S	N	C	C	.0.2	Rain A. M.
19th	36	54	44	42	44	NE	N	C	C		
20th	36	63	53	50	50½	N	E	F	C	.1.3	Rain at Night
21st	42	52	50	48	48	N	E	C	C	.3.2	Rain (continued)
22d	44	55	55	46	50	N	NW	C	C		
23d	40	67	55	55	54¼	E	SE	F	C	.1.3	Rain & A. M. Night
24th	45	57	55	54	52¾	NW	NW	F	F		
25th	39	65	61	55	55	N	N	F	F		
26th	50	56	53	50	52¼	W	E	C	C	.2.2	Rain at intervals
27th	51	64	53	50	54½	NW	N	C	F		
28th	46	70	57	56	57¼	E	E	C	C	.1.2	Foggy, Rain
29th	44	60	52	50	51½	N	N	C	C	.1.2	Rain at night
30th	45	56	54	50	51¼	E	NW	C	C	.2.1	Rain at intervals
31st	46	71	60	54	57¾	N	N	F	F		
Mean.					5[illegible]/31					1.1.7	

39
68
62
56
225
56¼

DIARY—Continued.

MONTH.	THERMOMETER.					WINDS.		WEATHER.		RAIN.	REMARKS.
June	A. M. 7 A	P. M. 2 P	EVENING. 11 P	5 A	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	47	73	64	56	60¼	NE	SE	F	F		
2d	50	55	56	55	54	E	E	F	C	.6.3	Rain
3d	54	74	69	64	65¼	N	NW	C	F		
4th	54	84	72	71	70¼	N	SW	C	F		
5th	52	70	56	54	58	N	NW	F	F		
6th	40	60	48	42	45	N	N	F	F		
7th	34	69	54	52	52¼	N	SE	F	C		Frost on low ground
8th	46	73	64	57	60¼	N	NE	F	F	.3.5	Rain at night
9th	52	68	55	52	57	NE	NW	C	F	.1.5	Rain. High Wind P.M.
10th	38	55	48	44	46¼	N	NW	C	F		
11th	32	55	52	50	47¼	NE	E	F	C	.1.3	Light frost in Morning Rain P.M. & Night
12th	50	66	55	52	55¾	W	N	C	C		Rain Showers
13th	41	66	58	55	55	N	N	F	F		
14th	51	72	62	54	59¾	N	NW	F	F		
15th	44	74	63	58	60	NE	SW	F	F	.5.8	Rain at night Fog in the fore part of night
16th	52	68	51	52	55¾	W	NW	F	F		
17th	44	60	52	51	51¾	NW	N	F	C	.4.6	Rain P.M. & Night
18th	50	78	58	56	60½	N	N	C	C	.1.6	Rain at night
19th	41	58	54	48	50¼	NW	NW	C	F		
20th	44	70	60	55	56¾	N	SW	F	F		
21st	48	80	70	68	66½	N	W	F	F	.3.4	Thunder & Lightning night Rain at Night
22d	61	63	54	50	57	N	N	C	C	1.1.4	Rain, Thd & Lightning
23d	44	66	62	56	57	NW	N	F	F		
24th	47	63	61	58	57¼	N	N	C	C	.6.2	Rain P.M. & Night. Thd & Li.
25th	62	80	74	67	70¾	SW	W	C	C	.3.5	Thd & Light Rain P.M.
26th	62	65	61	58	61½	NW	NW	F	C	.2.1	Rain P.M.
27th	57	73	68	62	65	NW	SW	C	F		Distant thunder night
28th	58	73	63	62	64	NW	NW	F	C		Light rain P.M.
29th	56	70	64	60	62½	NE	E	C	C	2.0	Rain
30th	55	65	58	56	58½	N	NW	C	F		
31st											
Mean.					58 2/30					5.0.1	

46
70
57
56
229

ABSTRACT FOR THE QUARTER.

MONTHS.	THERMOMETER.									Hottest Day.	Coldest Day.	WINDS.									WEATHER.					RAIN.
	Highest Degree.				Lowest Degree.				Mean Temperature.			N.	N. W.	N. E.	E.	S. E.	S.	S. W.	W.	Prevailing.	Fair.	Cloudy.	Rain.	Snow.	Prevailing.	Inches.
	SR	2PM	SS	[illegible]	SR	2PM	SS	[illegible]				Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.		Days.	Days.	Days.	Days.		
April	68	87	80	75	26	44	31	31	50 $\frac{2}{30}$	21st	3d	10	7½	2½	2	1½	4	½	2	North	21	9	8	1	Fair	1.85
May	60	77	66	67	27	45	44	40	52 $\frac{23}{31}$	17th	19th	13½	6	1½	4½	1	1½	1	2	"	18½	12½	10	-	"	1.17
June	62	86	84	71	32	55	48	42	58 $\frac{6}{30}$	25th	6th	12	8	3	2	1	-	2	2	"	18	12	15	-	"	5.04
																										8.06

C. H. Laub Surgeon.

DIARY OF THE WEATHER at Fort Winnebago M. Ter.

for the Quarter ending the Thirtieth *day of* September 1832

Latitude 43½ North Longitude 12 West

MONTH.	THERMOMETER.					WINDS.		WEATHER.		RAIN.	REMARKS.
July	A. M.	P. M.	EVENING.		MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	44	70	68	55	59¼	N	N	F	F	0.0.1	Rain at Night
2d	48	65	68	56	58	SE	SE	F	C	0.6.4	Rain & Hail a.m. Th. Lg.
3d	52	72	62	58	61	N	W	F	F		
4th	52	68	60	55	58¾	NE	SE	C	C	0.6.2	Rain P.M. Thund & Light.
5th	40	64	57	52	53¼	N	N	F	F		
6th	45	74	64	58	60¼	NW	N	F	F		Foggy morning
7th	53	58	55	53	54¾	E	SE	C	C	1.1.4	Rain continued
8th	51	66	65	57	59¾	N	N	C	C	0.0.4	Rain A.M.
9th	47	73	62	57	60½	N	N	F	F		
10th	52	74	70	64	65	S	S	F	F		
11th	62	84	78	74	74½	S	S	C	F		
12th	67	91	78	76	78½	S	SE	F	F		Thud & Lightning at night
13th	67	77	68	64	68	N	NW	F	F		
14th	54	73	68	64	65	N	NW	F	F		Foggy Morning
15th	51	80	72	66	67¼	N	W	F	F		
16th	55	82	68	66	67¾	NW	W	F	F		
17th	55	85	76	72	72	W	W	F	F		
18th	66	92	84	75	79¼	NW	W	F	F		
19th	65	80	70	65	70	NW	W	F	F		
20th	57	72	68	60	64¼	N	NE	F	F		
21st	47	80	76	70	68¼	NE	S	F	F		
22d	66	90	74	74	76	W	W	F	F	4.5	Rain Th. & Light at night
23d	63	74	71	68	69	SE	N	C	C	2.2	Rain
24th	62	82	71	66	70¼	N	N	C	F	- -	Foggy morning
25th	56	84	70	70	70	N	W	F	F		" " Thd at night
26th	60	88	73	71	73	W	NW	F	F		" "
27th	62	92	72	72	77	NW	N	F	F		"
28th	60	87	72	69	72½	N	S	F	F	0.7	Rain. Thund & Lightning
29th	66	80	76	73	73¾	SE	W	C	C	0.6	Rain A.M.
30th	57	60	52	52	55¼	N	N	C	C		
31st	40	64	53	52	54¼	N	N	F	F		
Mean.					66					3.2.4	

NOTE.—For directions, see Regulations for the Medical Department—Form 3.

55
85

65
75
70
69
279 69¾

DIARY—Continued.

MONTH.	THERMOMETER.					WINDS.		WEATHER.		RAIN.	REMARKS.
August	A. M.	P. M.	EVENING.		MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	39	56	52	52	49¾	N	N	F	F		Foggy Morning
2d	40	74	62	56	58	NE	SW	F	F		" "
3d	46	77	68	61	63	N	S	F	F		Wilde rice in Blossom
4th	57	78	64	62	65¼	NE	W	C	F		
5th	52	81	66	66	66¼	NE	W	F	F		Foggy Morning
6th	60	81	66	64	67¾	NE	N	F	C	.0.7	" Rain Thdr & Light.
7th	63	71	64	60	64 2/4	NW	N	C	F		Foggy morning
8th	52	72	59	58	60¼	NW	N	C	F		" "
9th	48	80	70	66	66	E	E	F	C		" "
10th	49	78	61	60	62	NE	N	F	F		Dense fog morning
11th	45	76	64	60	61¼	N	NE	F	F		Foggy Morning
12th	48	82	69	66	66¼	NW	N	F	F		" "
13th	52	85	72	64	68¼	NE	E	F	C		
14th	56	84	68	64	68	N	E	F	C	.7.8	Rain P.M. & Night
15th	[illegible]5	75	70	65	65¾	NE	E	C	C	.0.3	Rain A.M. & night
16th	64	63	61	58	61 2/4	SE	SE	C	C	.0.1	Rain
17th	55	72	64	62	63¼	NE	NW	C	F		
18th	54	60	59	57	57 2/4	W	NW	C	C	.0.1	Rain P.M.
19th	54	61	57	55	56¾	NW	NW	C	C		
20th	44	76	68	55	60¾	N	S	C	F		Foggy A.M.
21st	47	75	67	61	62 2/4	N	S	F	F		
22d	53	81	63	63	65	NE	SW	F	F		
23d	54	80	67	63	66	E	S	F	F		
24th	57	82	72	68	69¾	E	SW	F	F		
25th	57	86	75	68	71 2/4	E	N	F	F		Dense Fog morning
26th	58	88	76	69	72¾	N	SW	F	F		Foggy Morning
27th	58	86	72	70	71 2/4	N	W	F	F		" "
28th	62	86	72	71	72¾	W	NW	F	F		" "
29th	59	88	74	70	72¾	N	E	F	F		" "
30th	62	85	75	72	73 2/4	SE	S	F	F		
31st	56	82	78	76	73	S	NE	F	[illegible]	1.2.4	Rain Thdr & Lightn Night
Mean.					65 12/31					2.1.4	

DIARY—Continued.

MONTH.	THERMOMETER.					WINDS.		WEATHER.		RAIN.	REMARKS.
September	A. M.	P. M.	EVENING. 55	5d	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	66	69	62	56	63¼	SW	W	C	F		
2d	55	63	57	55	56½	W	N	C	C	.1.52	Rain
3d	45	74	69	60	62	N	NW	F	F		Foggy
4th	52	71	62	59	61	W	W	F	F		Rain A.M.
5th	48	71	62	57	59½	NW	N	F	F		
6th	54	68	66	65	63¼	E	S	C	F	.3.8	Rain A.M. & Thd at night
7th	62	71	62	57	63	N	N	C	C	.5 8	Rain at night
8th	60	78	65	62	66¼	NE	N	C	F	.1 8	Rain A.M.
9th	56	72	62	58	62	NW	N	C	F		
10th	51	79	78	76	72½	SE	S	C	F	.8.0	Rain A.M.
11th	70	67	62	61	65	N	N	C	C	.1.8	Rain Thd & Light night
12th	50	55	54	52	52¾	N	N	C	C	.7.0	Rain A.M.
13th	42	66	57	52	54¼	N	NW	F	F		
14th	52	69	60	53	58½	N	NE	C	C	.4.3	Rain P.M. & night
15th	52	55	51	50	52	E	W	C	C	.1.4	Rain A.M. P.M. & night
16th	46	57	51	46	50	NW	N	C	C		
17th	38	57	53	47	48¾	N	N	F	F		
18th	38	68	58	50	53½	W	N	F	F		Fog
19th	36	67	54	47	51	N	NE	F	F		
20th	37	66	51	56	52½	S	N	F	C		Light Rain
21st	40	55	48	43	46½	N	N	C	F		
22d	30	60	48	44	45½	N	NE	F	F		First killing frost
23d	35	63	54	45	50¼	NE	SE	F	F		
24th	40	69	60	52	55¼	SE	E	F	F		
25th	38	74	64	55	57¾	NE	E	F	F		
26th	44	77	64	61	61½	E	S	F	F		
27th	54	80	69	63	66½	S	W	F	F		
28th	57	74	68	64	65¾	N	S	F	C		
29th	52	60	52	46	52½	W	W	C	F		
30th	43	71	64	57	58¾	NW	W	F	F		
31st											
Mean.					57 24/30					3.4.5	

57
66
51
56
230
57½

ABSTRACT FOR THE QUARTER.

MONTHS.	THERMOMETER.									Hottest Day.	Coldest Day.	WINDS.								Prevailing.	WEATHER.				Prevailing.	RAIN.
	Highest Degree.				Lowest Degree.				Mean Temperature.			N.	N. W.	N. E.	E.	S. E.	S.	S. W.	W.		Fair.	Cloudy.	Rain.	Snow.		Inches.
	5 A	2 P	55	5 P	5 A	2 P	55	9				Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.		Days.	Days.	Days.	Days.		
July	67	92	86	76	48	60	57	52	66	18th	5th	12	4	1½	1	3½	3	..	6	North	23½	7½	5	..	Fair	3.24
August	65	88	78	76	31	56	52	52	$65\frac{12}{31}$	30th	1	8	4	5½	4½	1½	3	2	2½	″	22	9	6	..	″	2.14
September	78	80	78	76	38	55	48	43	$57\frac{13}{30}$	10th	22d	11½	4	3	2½	1½	3	½	4	″	18½	11½	11	..	″	3.45
																										8.83

Surgeon.

DIARY OF THE WEATHER at Fort Winnebago W. T.
for the quarter ending the 31st *day of* December 1842
Latitude 43½ North Longitude 12 West

MONTH.	THERMOMETER.					BAROMETER.	WINDS.		WEATHER.		RAIN.	REMARKS.
October	SUN RISE.	2 P. M.	SUN SET.	9 P. M.	MEAN.	NOON.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	54	66	61	52	58¼		W	N	F	F		
2d	37	67	61	55	55½		NW	W	F	F		Fog
3d	44	62	55	44	51¼		N	N	F	F		
4th	34	66	55	48	51		N	SW	F	F		" Frost
5th	39	67	57	56	54¾		NE	SE	F	F		"
6th	44	70	62	51	56¾		E	S	F	C		Rain P.M.
7th	37	60	52	44	48¼		S	W	F	F		
8th	34	47	43	40	41		NW	NW	F	C		
9th	34	54	44	39	42¾		NW	W	F	F		Frost
10th	34	70	64	52	55		NE	W	F	F		"
11th	49	72	66	59	61½		NW	W	F	F		
12th	31	67	56	52	51½		N	S	F	F		" Fog
13th	50	60	53	51	53½		W	W	C	F		High Wind
14th	44	52	45	44	46¼		W	NW	C	C		Hail
15th	36	56	51	42	46¼		NW	NW	F	F		
16th	40	58	52	45	48¾		N	NW	C	F		
17th	31	47	37	36	37¾		N	N	F	C	.1.5	Rain P.M.
18th	34	47	39	30	37½		NW	NW	C	F		Rain A.M.
19th	23	50	41	28	35½		N	N	F	F		Ice in W. T.
20th	22	54	45	40	40¼		N	S	F	F		
21st	41	46	47	48	45½		SW	W	C	C	0.5	Rain at inter
22d	40	55	43	40	44½		NW	W	C	F		
23d	30	64	62	64	55		N	N	F	F		
24th	43	40	38	36	39¼		NW	NW	C	C	.0.1	Rain
25th	28	48	44	36	38		N	NW	F	F		
26th	23	53	47	37	40		N	NW	F	F		
27th	24	56	51	45	44		N	S	F	F		
28th	48	68	60	54	57½		W	W	C	F		
29th	42	57	50	43	48		N	N	C	F		
30th	36	53	55	46	47½		N	N	C	F		2. Fog A.M.
31st	35	66	53	48	51½		NE	W	C	F		
Mean.					47 38/31						2.1	

NOTE.—For directions, see Regulations for the Medical Department—Form 2.

23½ C 7 5th H. D
6½ F 28th C - D

DIARY—Continued.

MONTH.	THERMOMETER.					BAROMETER.	WINDS.		WEATHER.		RAIN.	REMARKS.
Nov.	SUN RISE.	2 P.M.	SUN SET.	9 P.M.	MEAN.	NOON.	A.M.	P.M.	A.M.	P.M.	INCHES.	
1st	40	64	56	48	52		NE	N	C	F		Fog in Morning
2d	38	64	53	46	50¼		N	N	C	F		" " "
3d	34	54	43	48	42¾		N	N	C	F		Dense fog A.M.
4th	40	48	46	43	44¼		N	N	C	C		Fog & Mist
5th	47	60	55	53	53¾		N	S	C	C	.2.0	Rain P.M. - Night
6th	48	56	53	50	51¾		S	S	C	C	.3.2	Rain —
7th	50	51	48	47	49		NE	N	C	C	.2.6	Rain —
8th	45	38	37	37	39¼		N	NW	C	C	.6.7	Rain —
9th	32	33	32	31	32		NW	NW	C	C	.0.5	Snow & rain
10th	27	35	31	30	30¾		NW	NW	C	C		Light Snow A.M.
11th	26	32	30	27	28¾		NW	W	C	C	.0.4	Snow —
12th	22	34	27	24	26¾		NW	W	C	C		
13th	18	32	29	26	26 2/4		W	W	F	F		
14th	27	30	27	20	26		NW	NW	C	F		
15th	18	34	30	26	27		W	N	C	C	.2.0	Snow at Night
16th	25	29	27	25	26 2/4		N	NW	C	C	.1.5	Snow A.M.
17th	23	23	18	14	19 2/4		NW	NW	C	C	.4.5	Snow —
18th	18	24	20	16	19 2/4		NW	NW	C	C		Fox river closed
19th	17	22	16	16	17¾		NW	NW	C	C		Light Snow at Night
20th	11	20	16	15	15 2/4		NW	NW	C	C		
21st	11	21	18	17	16¾		NW	W	C	C		
22d	14	23	20	16	18¼		N	N	C	C		Light Snow A.M.
23d	14	23	20	18	18¾		NW	NW	C	C	.3.0	Snow
24th	2	16	15	17	12 2/4		N	N	F	C		Light Snow
25th	2	16	14	12	11		N	W	F	F		
26th	12	15	11	0	9 2/4		N	N	C	C		
27th	-13	-3	-4	-5	-6¼		NW	W	F	F		
28th	-5	5	2	2	1		NW	NW	F	F		
29th	8	24	20	23	18¾		N	N	C	C		Light Snow Night
30th	23	24	22	20	22¼		NW	NW	C	C	.1.3	Snow
31st											.3.0	Snow continued
Mean.					26 23/30						3.10	

30) 803¼ (26 23/30
60
203
180

23½ C

103 803¾ 12 /15 /5 28

48 11¼

11F 4 D
22d C. D

11½ C. D
13½ F. D

DIARY—Continued.

MONTH.	THERMOMETER.					BAROMETER.	WINDS.		WEATHER.		RAIN.	REMARKS.
1842 December	SUN RISE.	2 P. M.	SUN SET.	9 P. M.	MEAN.	MEAN.	A. M.	P. M.	A. M.	P. M.	INCHES.	
1st	12	25	12	11	15		NW	NW	F	F		
2d	22	34	28	24	27		S	S	C	F		
3d	9	31	25	21	21 2/4		N	N	F	F		
4th	16	41	33	30	30		N	N	C	C		
5th	24	24	20	12	20		N	N	C	F		
6th	6	18	17	18	14 3/4		N	NW	C	F	.1	Snow a. m
7th	17	25	23	19	21		NW	N	C	C		
8th	20	26	25	24	23 3/4		N	N	C	C	.12	Snow —
9th	20	24	22	19	21 1/4		NW	N	F	F		
10th	15	26	20	19	20		W	SW	C	C	.1	Snow at Nig
11th	15	23	17	16	17 3/4		NW	NW	C	F		
12th	14	20	19	15	17		NW	NW	C	C		
13th	10	26	20	17	18 1/4		NW	NW	F	F		
14th	14	26	19	15	18 2/4		NW	NW	C	C		
15th	11	18	17	17	15 3/4		W	W	C	C		Light Snow
16th	12	14	10	3	9 3/4		W	NW	C	C		
17th	18	41	35	30	31 3/4		NW	W	F	F		
18th	27	30	28	22	26 3/4		NW	NW	F	F		
19th	18	32	26	12	22		NW	NW	F	F		
20th	8	33	27	16	21		N	N	C	C		
21st	12	17	15	11	13 3/4		N	W	F	F		
22d	-7	-1	-6	-13	-6 3/4		NW	NW	F	F		
23d	-21	2	-0	-2	-5 1/4		S	W	F	F		
24th	8	23	15	17	15 3/4		S	SW	C	C		Light Snow & Fog at Night
25th	17	24	22	14	19 1/4		S	W	C	C		
26th	12	24	21	14	17 3/4		S	W	C	F		
27th	12	26	19	16	18 1/4		S	W	C	F		Fog a. m.
28th	26	32	28	28	28 2/4		N.E.	E	C	C	.50	Snow
29th	25	30	30	27	28		NW	N	C	C	.54	" Continued
30th	19	22	17	6	16		N	NW	C	F		
31st	2	20	18	-1	9 3/4		S	S.W.	C	C		
Mean			6		18 21/31						1.18	

31)579(18
31
269
248(21)

57 2/4

57½
563

579 ¾

ABSTRACT FOR THE QUARTER.

MONTHS.	THERMOMETER.									Hottest day.	Coldest day.	BAROMETER.			WINDS.									WEATHER.					RAIN.
	Highest Degree.				Lowest Degree.				Mean of the month.			Highest degree.	Lowest degree.	Mean of the month.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Prevailing.	Fair.	Cloudy.	Rain.	Snow.	Prevailing.	
	Sun rise.	2 P.M.	Sun set.	9 P.M.	Sun rise.	2 P.M.	Sun set.	9 P.M.							Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.		Days.	Days.	Days.	Days.		Inches.
October	54	72	66	64	22	40	37	28	47 28/31	11th	18th				10	1½	½	½	2½	1	7	8	N.W.	22½	8½	6	..	Fair	1.21
November	48	64	56	53	-13	-3	-4	-5	26 23/30	5th	27th				10½	1	–	..	1½	–	4	13	N.W.	6½	23½	6	11	Cl.	3.10
December	27	41	38	30	-21	-4	-6	-13	18 22/31	17th	22nd				8	½	½	..	4	1½	5	11	N.W.	13½	17½	..	7	Cl.	1.18
																													[illegible]

25.09

— 1842

Surgeon.

Received 27th April 1840 Capt Bainbrigge

Wood Cock 6¼ oz

Mallard duck 3¼ lb

Small H. Cow calved — 2 or 3 March 1841

Big White Cow " 19th Feb. 1841 went to B— on 2nd April
" Red Frenchlin Cow " 19 April 1841
Fan — foaled 21st April 1841 —
Small H. Cow calved 14th Jany 1842
Large H Cow " early in December 42
Small H. Cow " 2nd Decr 1842

31) 579¼ (18
31
269
248
21

Mallard Duck #4. 5 oz —

Received 29th April 1840. A. B. — Capt. [illegible]

15 18

31)1955 5236(63 22/31
124
115
93
22
31

6/66
11

1987/6 4/8

30)1987(66 7/30
180
187
180
7/30

66 7/30

31)2319(74 25/31
217
149
124
25/31

N.
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8

N E
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1/2

E
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1/2

S E

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4

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5

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11 1/2