METEOROLOGICAL REGISTER.

Station Fort Steilacoom W.T. Lat. 47° 10' 57" North Long. 122° 38' 00" Alt. of Bar. above Puget Sound 250 feet.

1864.	THERMOMETER.				HYGROMETER.				WINDS.						WEATHER.			RAIN.			REMARKS.
Month.	7 A. M.	2 P. M.	9 P. M.	Daily Mean.	7 A. M.	2 P. M.	9 P. M.	Daily Mean.	7 A. M. D.	7 A. M. F.	2 P. M. D.	2 P. M. F.	9 P. M. D.	9 P. M. F.	7 A. M.	2 P. M.	9 P. M.	Began.	Ended.	Quantity.	
March																					
1	31	43	38	37.33	31	43	37	37.00		0	N	1	N	1	C	C	C	6 PM	8.30 PM	.10	Hill mantled today. a little snow fell
2	28	40	32	33.33	28	37	31	32.00	E	1	W	1		0	C	Fair	C			1.10	a little snow fell last night
3	32	41	39	38.00	33	39	37	36.33	NE	2	S	2	E	2	C	C	C	3 PM	6 PM		a little snow last night and during day
4	32	39	28	33.00	31	33	28	31.33	NW	3	W	3		0	C	Fair	Fair			1.20	Snow during night - Commenced snowing at 6.30 AM to ceased at 8 AM.
5	27	44	39	36.66	26	39	37	34.00		0	E	4	SW	5	C	C	C				
6	36	43	35	38.00	34	39	35	36.00	NW	1	NW	2		0	C	Fair	Fair				
7	29	43	32	34.66	29	42	33	34.66		0	SW	2		0	Fair	Fair	Fair				
8	26	40	33	33.00	26	40	33	33.00		0	NE	2		0	C	Fair	Fair				
9	21	41	28	30.00	21	41	28	30.00	SE	1	N	2		0	Fair	Fair	Fair				
10	19	43	30	30.66	19	43	30	30.66	NE	2	E	2	E	2	Fair	Fair	Fair				
11	31	35	29	31.66	31	33	29	31.66	S	3	SW	6	S	2	Fair	Fair	Fair				Hill mantled
12	19	34	28	27.00	19	34	28	27.00		1	NE	2		0	Fair	Fair	Fair				
13	12	36	32	26.66	12	36	31	29.66		0	NW	2		0	Fair	Fair	Fair				
14	34	44	39	39.00	33	38	35	35.33		0	NW	2		0	Fair	Fair	Fair				
15	24	44	39	35.66	33	39	37	33.00	E	1	NW	2		0	Fair	Fair	C				
16	26	49	37	37.33	25	41	35	33.66	E	1	NW	2	NE	2	Fair	Fair	Fair				
17	24	43	35	34.00	24	39	34	32.33	E	1	NW	2		0	Fair	Fair	Fair				
18	26	48	37	37.00	26	47	36	36.33		0		0		0	C	C	Fair				A slight shower of rain at 10 P.M.
19	35	44	35	38.00	34	44	34	37.33	NE	1	NW	1		0	C	C	C				A little snow at 4.30 P.M.
20	28	40	31	33.00	28	39	31	32.66	E	2	NE	2	E	1	Fair	Fair	Fair				
21	20	39	32	30.33	20	39	31	30.00	NE	2	N	4		0	Fair	Fair	Fair				
22	28	44	32	34.66	28	43	31	34.00	NE	2	N	3		1	Fair	Fair	Fair				
23	32	47	42	37.00	32	46	41	36.33	NE	1	NW	2	NW	1	Fair	C	Fair				
24	35	50	42	42.33	34	49	41	41.33	NE	1	NW	2		0	C	Fair	Fair				
25	26	46	42	38.00	26	45	41	37.33		0	NE	1	NE	2	Fair	C	C				A little rain at 1.30 P.M.
26	37	50	43	43.33	37	49	42	42.66	SE	2	NW	3		0	C	Fair	C				
27	29	51	44	42.33	29	53	43	41.66	NE	1	NW	4		0	Fair	Fair	Fair				
28	29	50	39	41.33	28	50	39	40.66	NE	1	NW	3		0	Fair	Fair	Fair				
29	29	52	50	43.66	29	51	49	43.00	NE	2	NW	2	NW	2	Fair	C	Fair				
30	43	53	48	48.00	43	53	48	48.00	SE	2	NW	6		0	C	C	Fair				A little rain during night
31	34	43	42	39.66	33	43	42	42.66	NE	1	NW	2		0	C	C	C	"Hill mantled night 5.00			
Monthly Mean.	28.19	44.12	36.81	36.27	27.80	42.45	33.70	35.31												7.40	

SUMMARY OF WINDS AND WEATHER.

N.		N. E.		E.		S. E.		S.		S. W.		W.		N. W.	
No.	Days.	No.	Days.	No.	Days.	No.	Days.	No.	Days.	No.	Days.	No.	Days.	No.	Days.
5	1.66	15	5.00	10	3.33	5	1.66	3	1.00	3	1.00	2	.66	19	6.33

No. of days FAIR.	20.33	No. of days CLOUDY.	10.66	No. of days of RAIN.	6	No. of days of SNOW.	5

Calm 11.00

N. B.—This register is to be mailed to the Surgeon General monthly without letter of transmittal. All fractions are to be expressed in decimals carried out two points. The thermometer and hygrometer, if not connected, will be suspended side by side. One-third of the sum of the three daily observations will be registered as the daily mean. The direction (D.) and force (F.) of the winds will be expressed in accordance with existing regulations. The whole number of times any point of the compass is recorded during the month, gives the "number of observations," and that number divided by 3, gives the number of days, from that point. The results thus obtained are to be recorded under "Summary of winds and weather." Observations on the weather will be recorded as FAIR or CLOUDY; and the number of fair and cloudy days during the month will be ascertained by dividing the sum total of each record by 3. The number of days on which it rains or snows will be noted separately.

SURGEON GENERAL'S OFFICE, *March*, 1860.

H. B. Clarke Jr
Asst Surg
Surgeon U. S. Army.

(MARGIN FOR BINDING.)